

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040119\
 Data File : VX008560.D
 Acq On : 01 Apr 2019 11:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/2/2019 9:19:30 AM

Quant Time: Apr 02 01:23:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	187746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	308401	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	132870	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	135092	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	5.49	113	101444	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	8.71	98	407843	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.13	95	155179	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103508	46.772	ug/l	100
3) Chloromethane	1.32	50	134051	47.974	ug/l	99
4) Vinyl Chloride	1.40	62	140218	45.379	ug/l	99
5) Bromomethane	1.64	94	66458	41.305	ug/l	99
6) Chloroethane	1.71	64	84828	46.342	ug/l	100
7) Trichlorofluoromethane	1.92	101	165412	47.267	ug/l	99
8) Diethyl Ether	2.18	74	77376	46.720	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	105827	50.038	ug/l	98
10) Methyl Iodide	2.51	142	82919	41.096	ug/l	98
11) Tert butyl alcohol	3.05	59	159343	252.679	ug/l	100
12) 1,1-Dichloroethene	2.37	96	102424	46.893	ug/l	99
13) Acrolein	2.29	56	118476	258.711	ug/l	100
14) Allyl chloride	2.72	41	249350	51.818	ug/l	98
15) Acrylonitrile	3.14	53	420110	254.061	ug/l	100
16) Acetone	2.44	43	388705	261.293	ug/l	100
17) Carbon Disulfide	2.56	76	305112	48.677	ug/l	99
18) Methyl Acetate	2.77	43	185616	51.952	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	415617	52.804	ug/l	99
20) Methylene Chloride	2.85	84	129103	53.216	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	115503	53.086	ug/l	98
22) Diisopropyl ether	3.85	45	491758	51.900	ug/l	92
23) Vinyl Acetate	3.81	43	2175453	263.164	ug/l	100
24) 1,1-Dichloroethane	3.69	63	245447	51.311	ug/l	99
25) 2-Butanone	4.67	43	624985	262.057	ug/l	99
26) 2,2-Dichloropropane	4.57	77	183951	57.816	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	137169	51.357	ug/l	98
28) Bromochloromethane	5.01	49	112487	47.597	ug/l	100
29) Tetrahydrofuran	5.12	42	395737	251.767	ug/l	99
30) Chloroform	5.20	83	221254	51.252	ug/l	99
31) Cyclohexane	5.57	56	233386	51.156	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	182280	52.824	ug/l	99
36) 1,1-Dichloropropene	5.79	75	172881	52.576	ug/l	100
37) Ethyl Acetate	4.83	43	230562	54.125	ug/l	100
38) Carbon Tetrachloride	5.77	117	152023	55.399	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219843	55.944	ug/l	99
40) Benzene	6.13	78	522767	53.104	ug/l	100
41) Methacrylonitrile	5.04	41	132622	55.400	ug/l	99
42) 1,2-Dichloroethane	6.18	62	187288	51.963	ug/l	100
43) Isopropyl Acetate	6.44	43	376470	55.252	ug/l	100
44) Trichloroethene	7.21	130	123641	53.492	ug/l	99
45) 1,2-Dichloropropane	7.51	63	150953	53.949	ug/l	99
46) Dibromomethane	7.65	93	86443	52.904	ug/l	99
47) Bromodichloromethane	7.89	83	176590	56.464	ug/l	97
48) Methyl methacrylate	7.77	41	190736	55.946	ug/l	99
49) 1,4-Dioxane	7.74	88	62987	929.174	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1223964	276.569	ug/l	100
52) Toluene	8.78	92	321771	54.666	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	205273	59.924	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	224614	57.663	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	129967	54.242	ug/l	99
56) Ethyl methacrylate	9.18	69	245556	56.775	ug/l	99
57) 1,3-Dichloropropane	9.37	76	231510	53.891	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	789734	353.238	ug/l	99
59) 2-Hexanone	9.49	43	935044	272.676	ug/l	100
60) Dibromochloromethane	9.58	129	131529	57.722	ug/l	99
61) 1,2-Dibromoethane	9.67	107	133973	54.790	ug/l	99
64) Tetrachloroethene	9.34	164	106744	56.220	ug/l	98
65) Chlorobenzene	10.13	112	332630	54.538	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	119094	56.597	ug/l	100
67) Ethyl Benzene	10.25	91	626266	54.407	ug/l	99
68) m/p-Xylenes	10.36	106	455834	108.855	ug/l	99
69) o-Xylene	10.69	106	222208	54.681	ug/l	99
70) Styrene	10.71	104	390908	55.689	ug/l	100
71) Bromoform	10.85	173	96764	58.229	ug/l	100
73) Isopropylbenzene	11.02	105	597368	55.263	ug/l	100
74) N-amyl acetate	10.90	43	337794	53.989	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	213795	50.975	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	186864m	47.306	ug/l	
77) Bromobenzene	11.26	156	140531	53.566	ug/l	99
78) n-propylbenzene	11.36	91	708556	55.956	ug/l	99
79) 2-Chlorotoluene	11.42	91	416549	54.084	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	504778	55.235	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	75516	61.230	ug/l	96
82) 4-Chlorotoluene	11.51	91	483313	54.401	ug/l	100
83) tert-Butylbenzene	11.77	119	483828	54.874	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	508667	55.031	ug/l	100
85) sec-Butylbenzene	11.94	105	591692	56.352	ug/l	99
86) p-Isopropyltoluene	12.06	119	533755	57.610	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	256965	54.820	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	254486	53.795	ug/l	100
89) n-Butylbenzene	12.38	91	516720	58.874	ug/l	99
90) Hexachloroethane	12.60	117	90864	58.869	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	249967	53.252	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47069	51.470	ug/l	99

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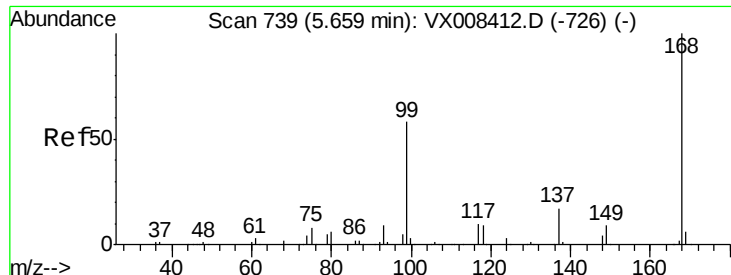
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	182232	57.662	ug/l	100
94) Hexachlorobutadiene	13.78	225	89518	59.654	ug/l	99
95) Naphthalene	13.83	128	583422	53.846	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	178054	56.068	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 187746

Ion Ratio Lower Upper

168 100

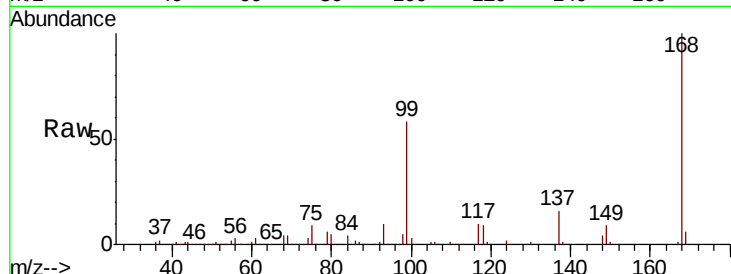
99 57.9 46.0 69.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

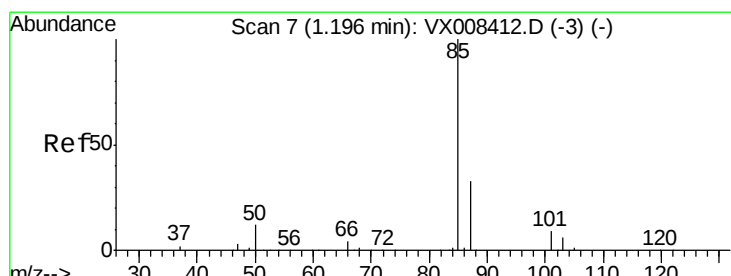
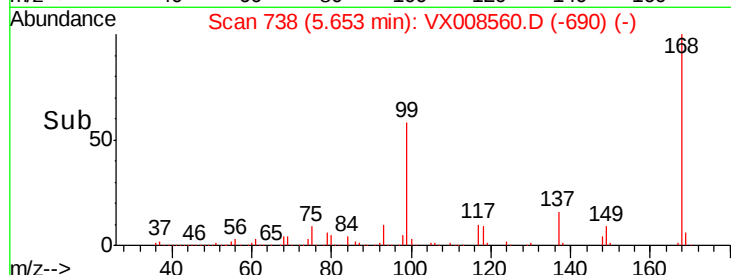
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.772 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008560.D

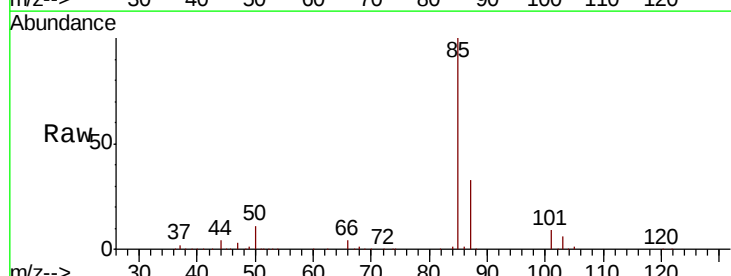
Acq: 01 Apr 2019 11:09

Tgt Ion: 85 Resp: 103508

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

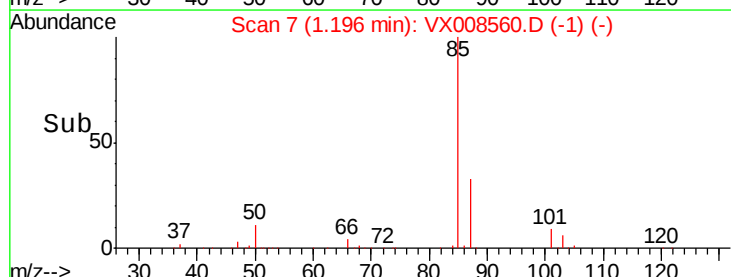
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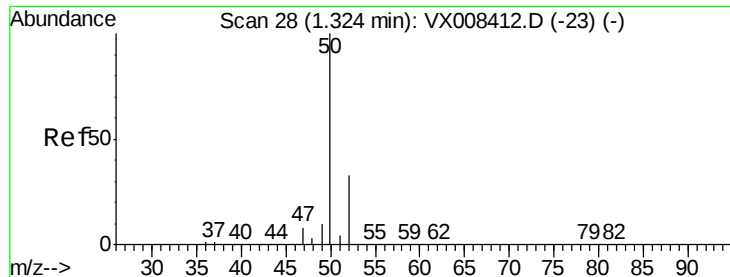
40000

20000

0

Time--> 1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 47.974 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 134051

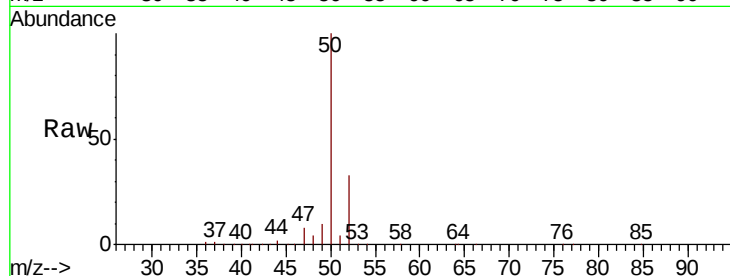
Ion Ratio Lower Upper

50 100

52 33.4 26.2 39.2

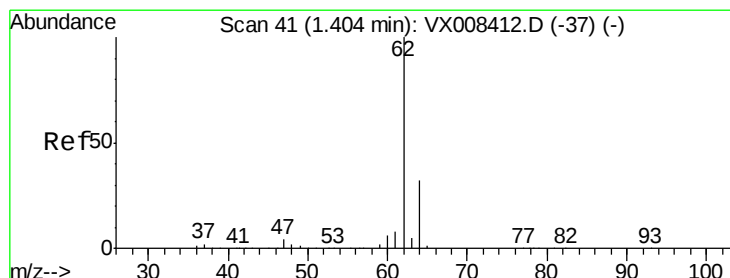
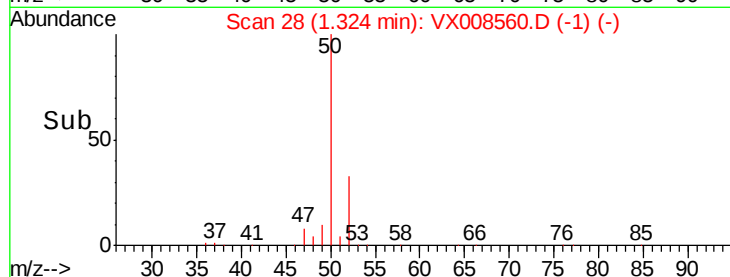
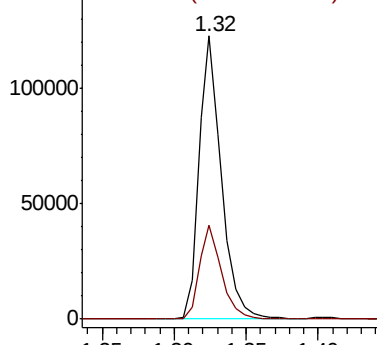
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.379 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008560.D

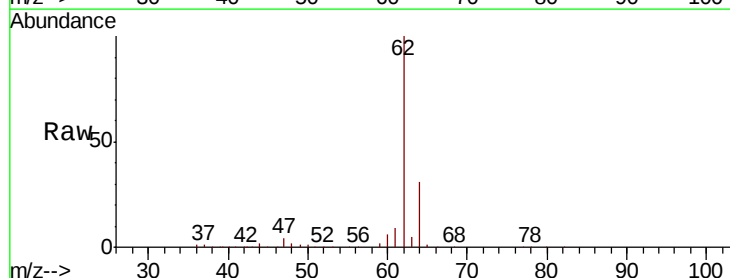
Acq: 01 Apr 2019 11:09

Tgt Ion: 62 Resp: 140218

Ion Ratio Lower Upper

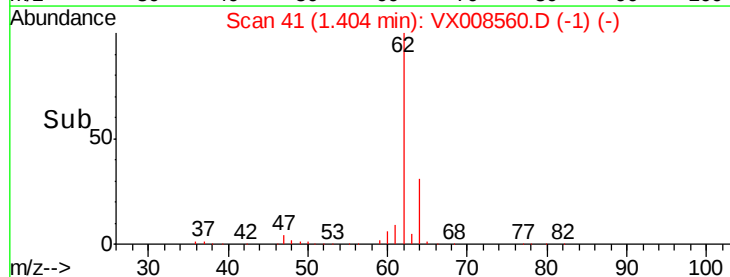
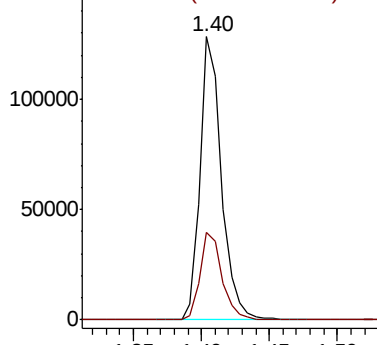
62 100

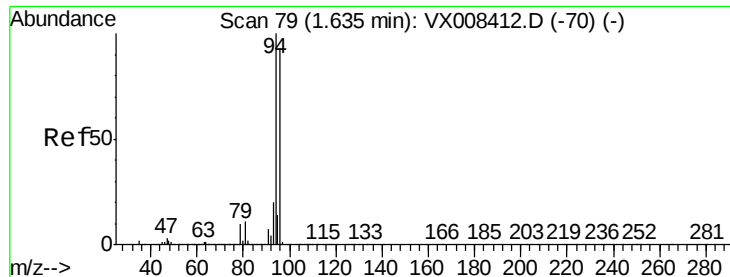
64 31.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.305 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 66458

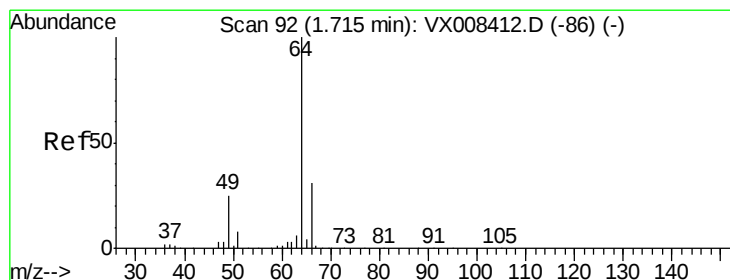
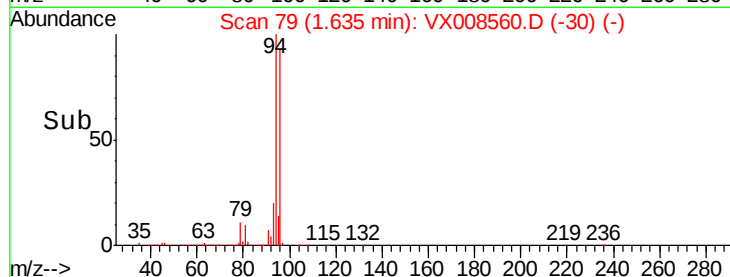
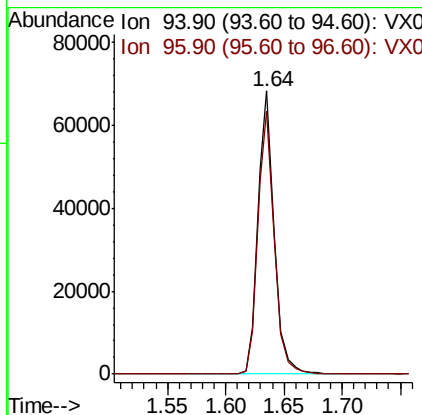
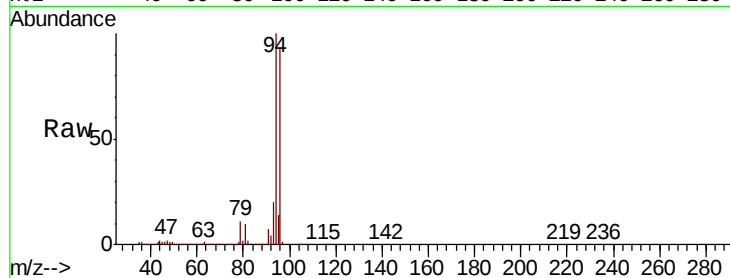
Ion Ratio Lower Upper

94 100

96 92.8 74.8 112.2

Manual Integrations
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#6

Chloroethane

Concen: 46.342 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008560.D

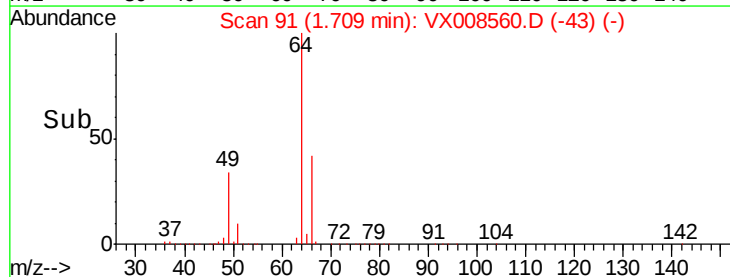
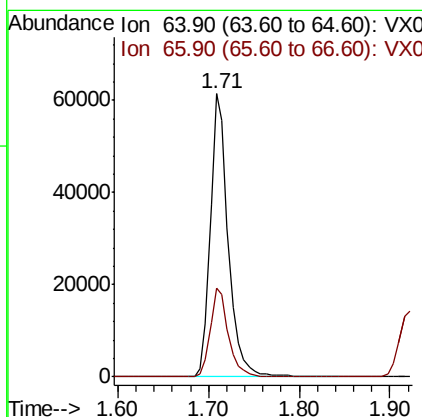
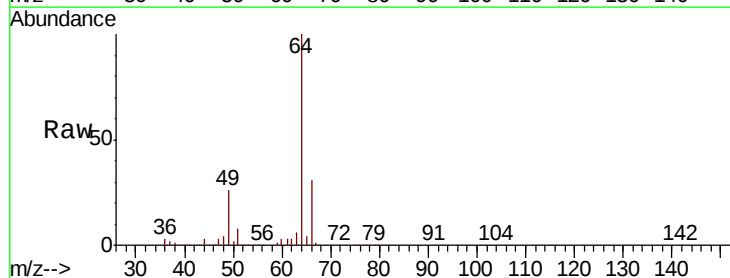
Acq: 01 Apr 2019 11:09

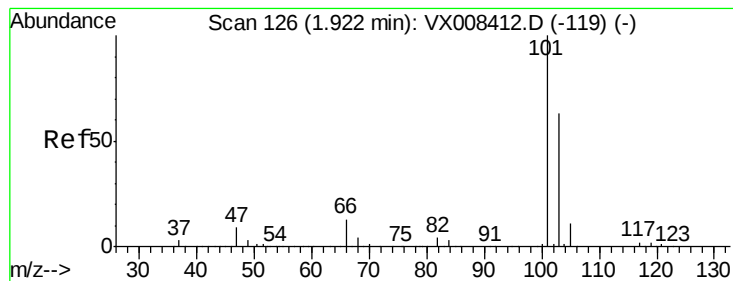
Tgt Ion: 64 Resp: 84828

Ion Ratio Lower Upper

64 100

66 31.3 25.1 37.7





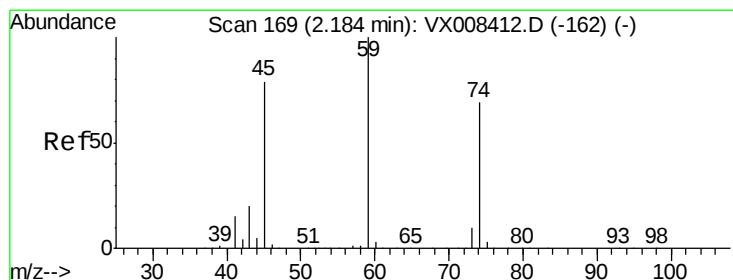
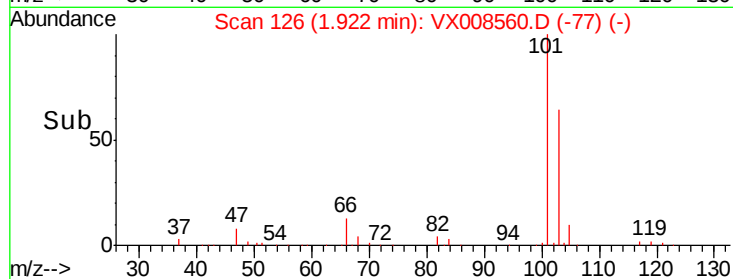
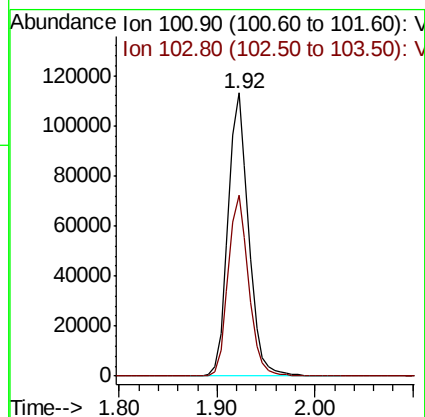
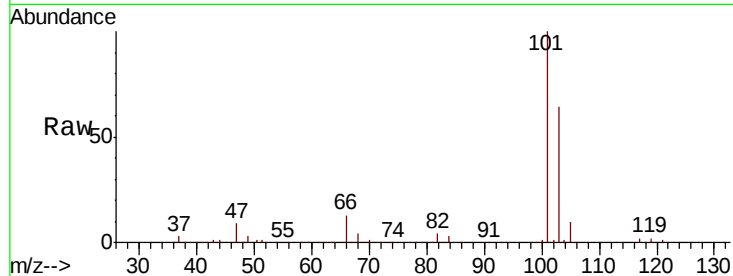
#7
 Trichlorofluoromethane
 Concen: 47.267 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 165412
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.2 75.4

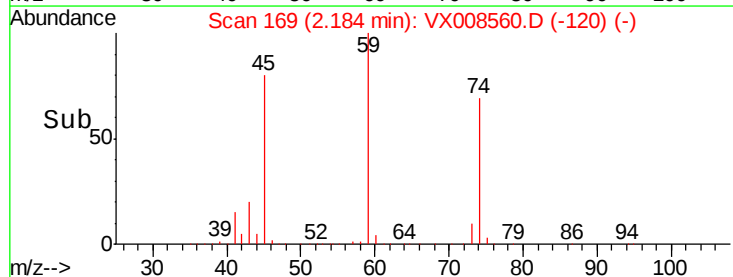
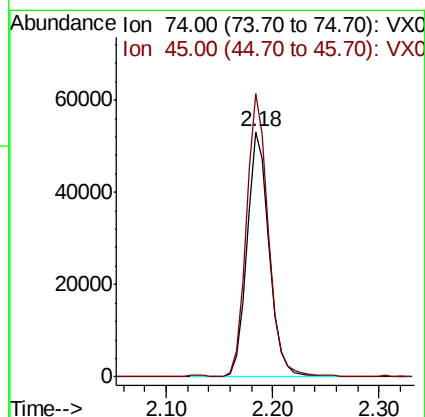
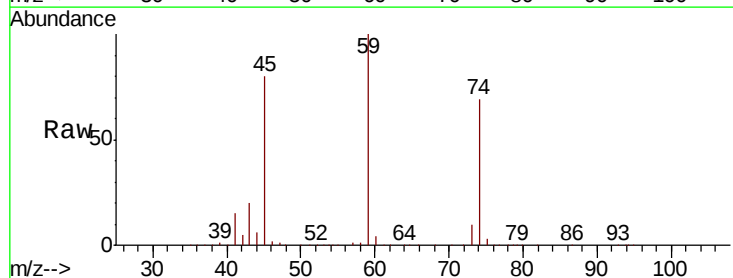
Manual Integrations
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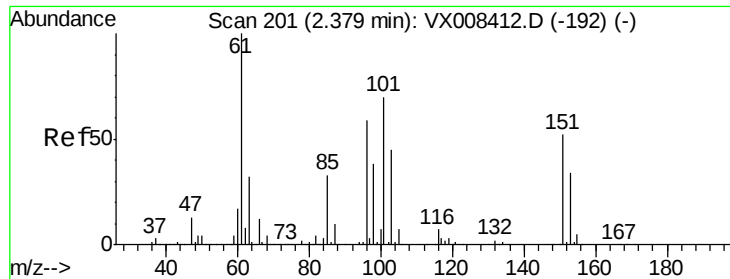
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 4/2/2019 9:19:30 AM



#8
 Diethyl Ether
 Concen: 46.720 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Tgt Ion: 74 Resp: 77376
 Ion Ratio Lower Upper
 74 100
 45 114.3 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.038 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

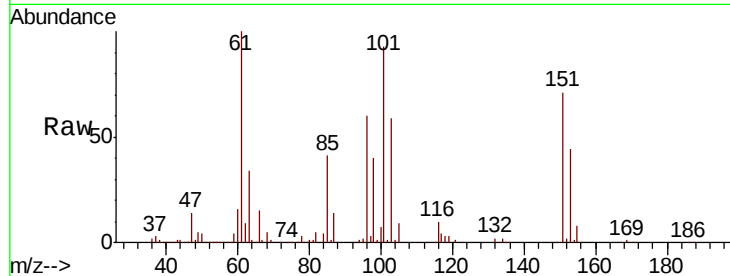
ClientSampleId :

VSTDCCC050

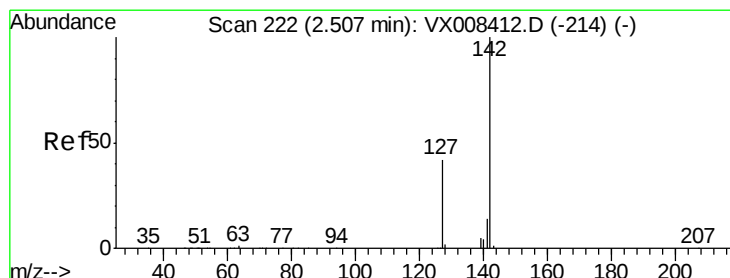
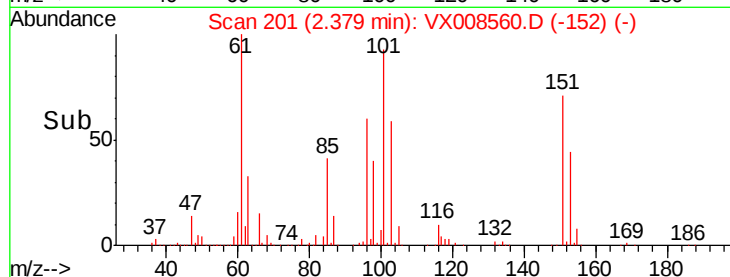
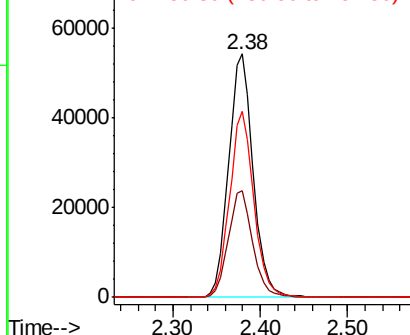
Tot Ion:	101	Resp:	105827
Ion Ratio	Lower	Upper	
101	100		
85	43.6	36.0	54.0
151	75.7	59.2	88.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.096 ug/l

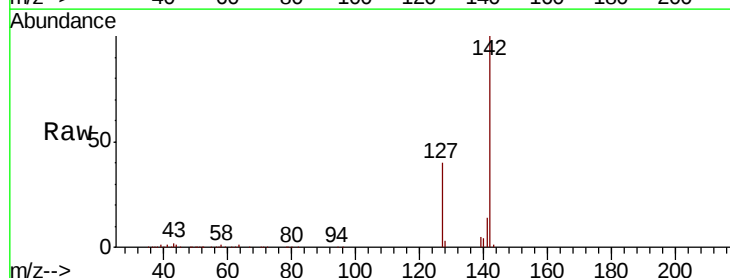
RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

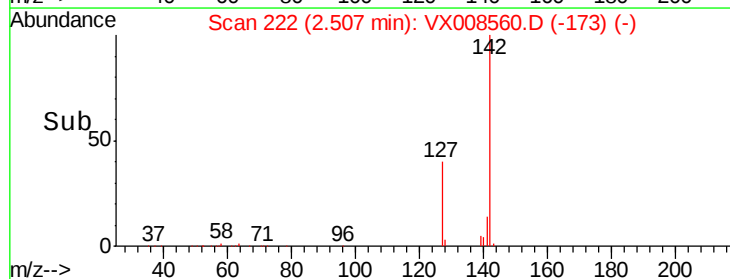
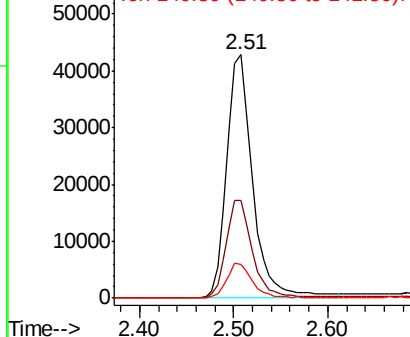
Lab File: VX008560.D

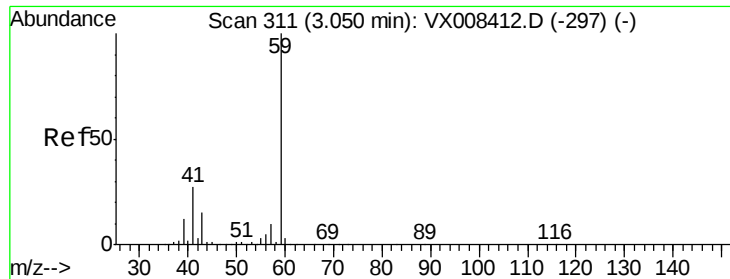
Acq: 01 Apr 2019 11:09

Tgt Ion:	142	Resp:	82919
Ion Ratio	Lower	Upper	
142	100		
127	40.5	33.6	50.4
141	14.2	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





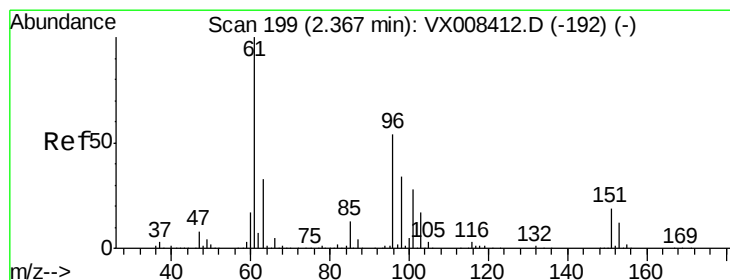
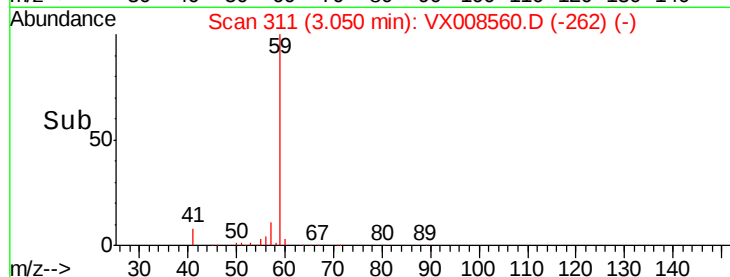
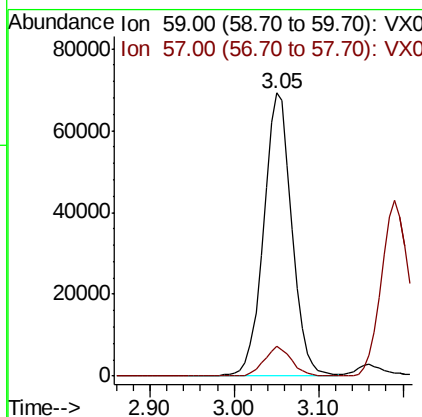
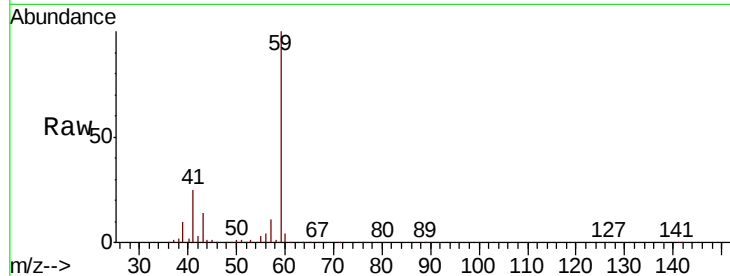
#11
Tert butyl alcohol
Concen: 252.679 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

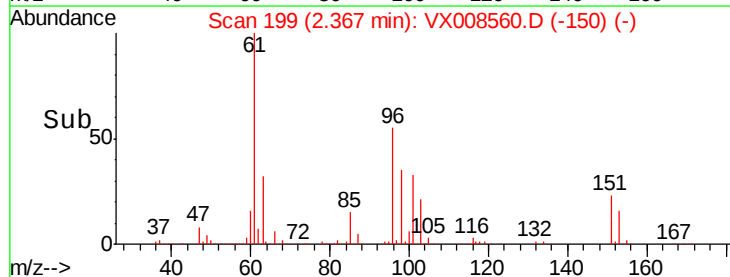
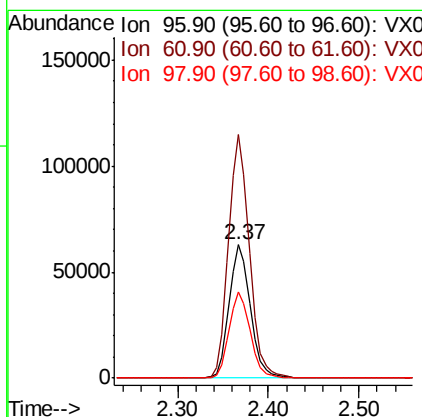
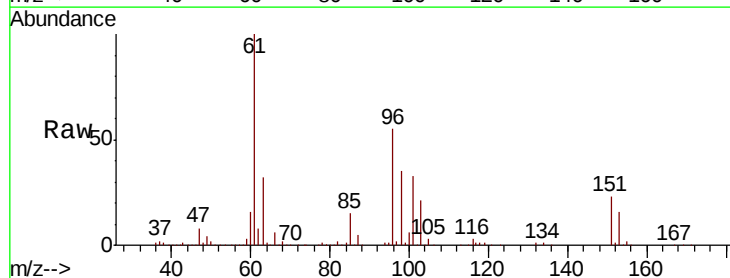
Manual Integrations
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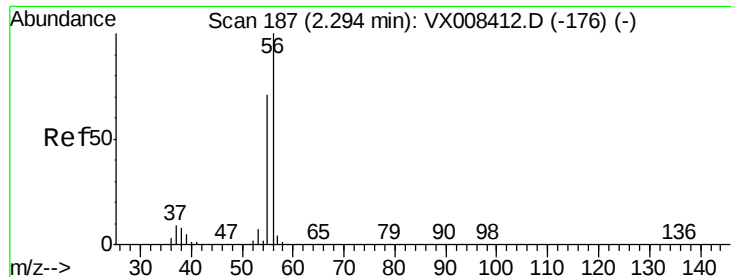
MMDadoda
4/2/2019 9:19:30 AM



#12
1,1-Dichloroethene
Concen: 46.893 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.6	146.9	220.3
98	64.5	50.1	75.1





#13

Acrolein

Concen: 258.711 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 118476

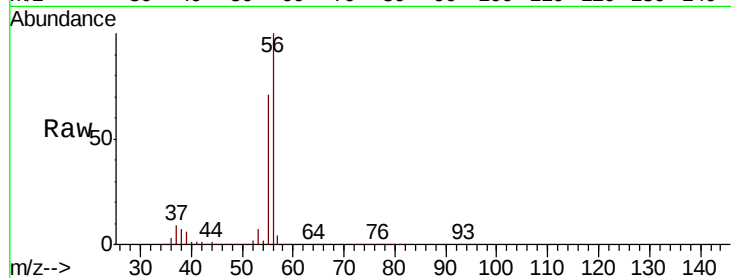
Ion Ratio Lower Upper

56 100

55 70.4 56.5 84.7

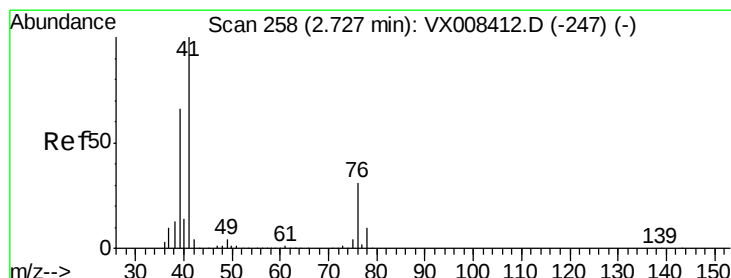
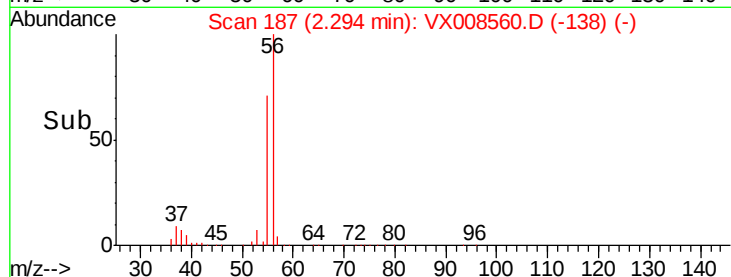
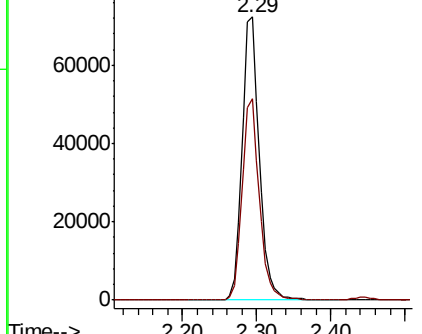
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.818 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

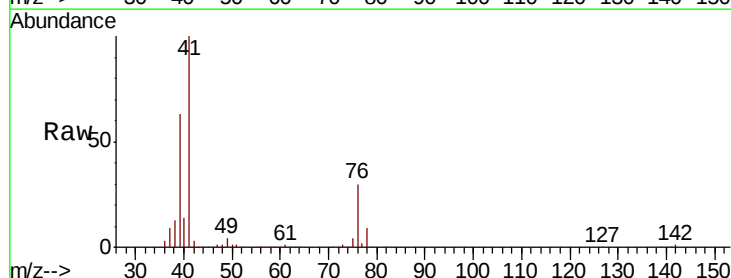
Tgt Ion: 41 Resp: 249350

Ion Ratio Lower Upper

41 100

39 60.3 49.6 74.4

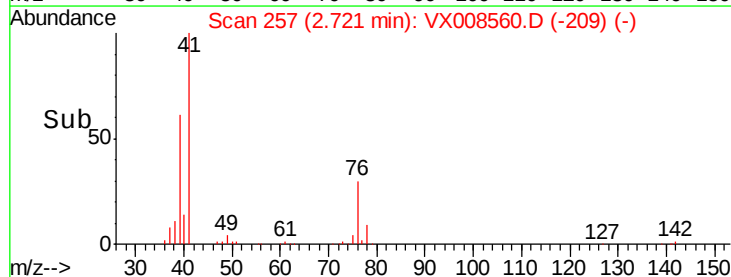
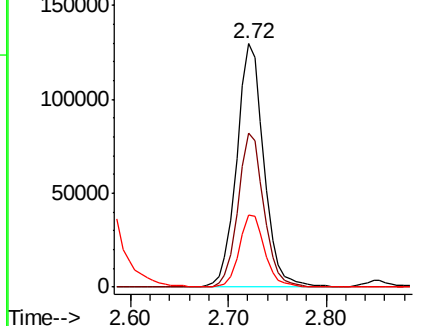
76 27.8 22.6 34.0

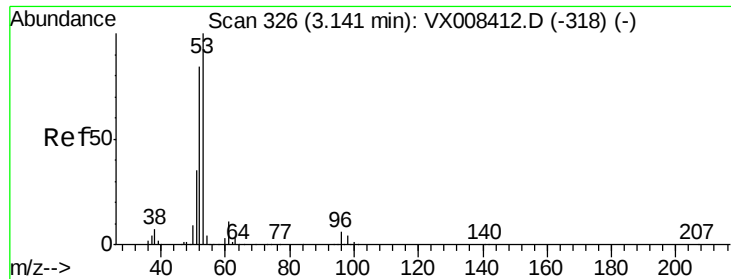


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 254.061 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

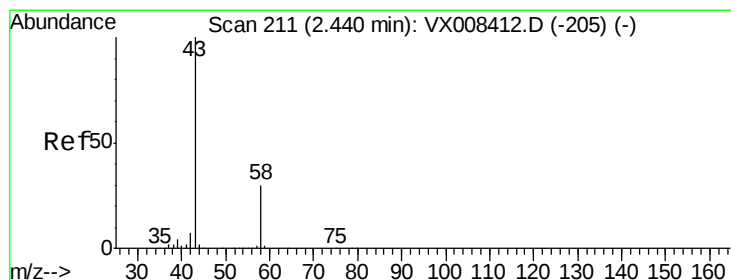
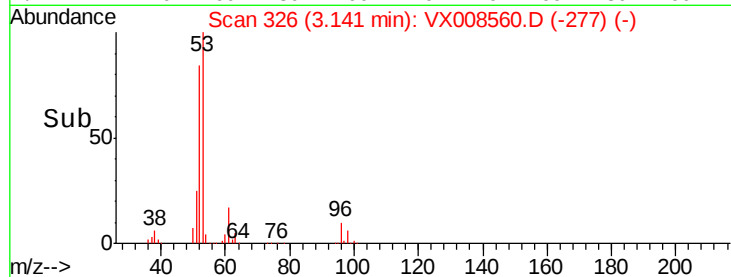
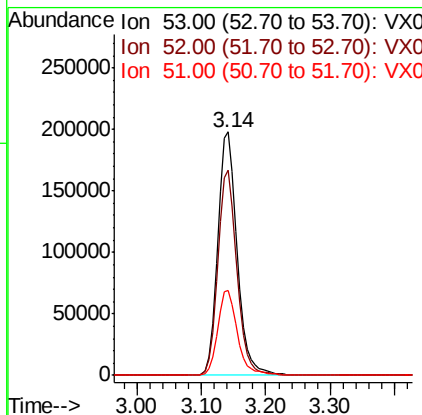
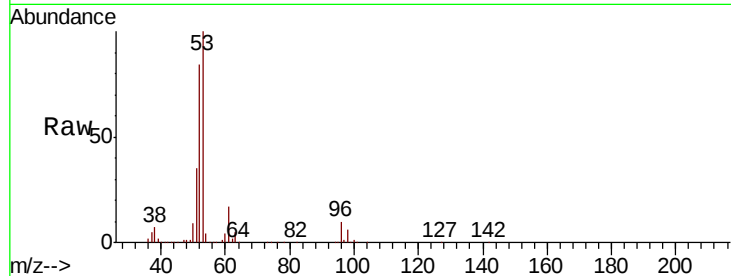
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	420110
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.5	99.7
51	35.5	28.3	42.5

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#16

Acetone

Concen: 261.293 ug/l

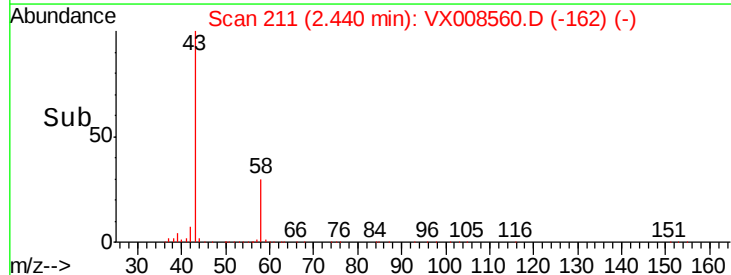
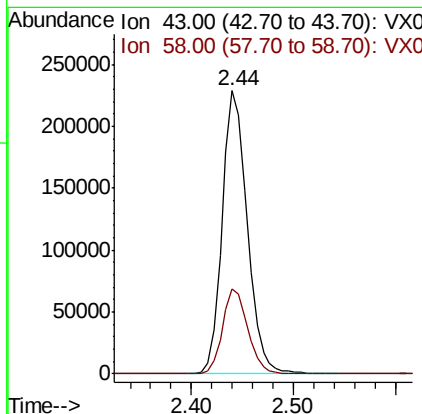
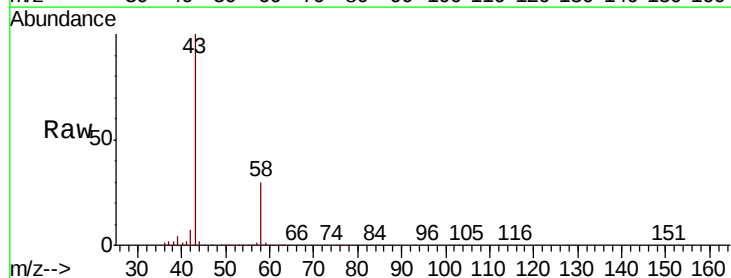
RT: 2.44 min Scan# 211

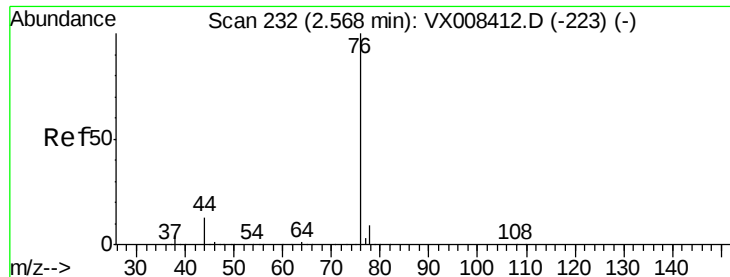
Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Tgt Ion:	43	Resp:	388705
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.2	36.2





#17

Carbon Disulfide

Concen: 48.677 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 305112

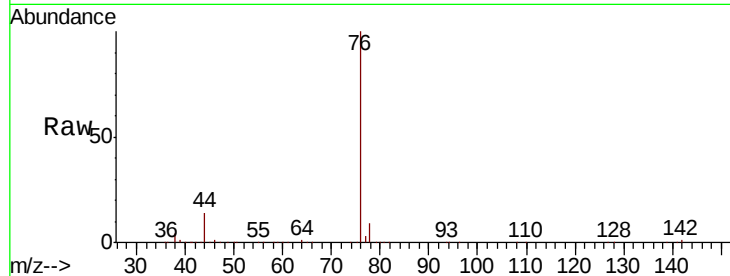
Ion Ratio Lower Upper

76 100

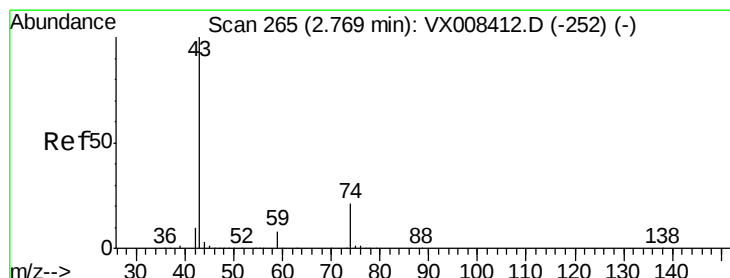
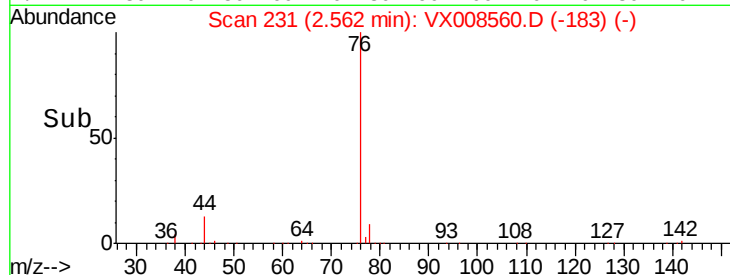
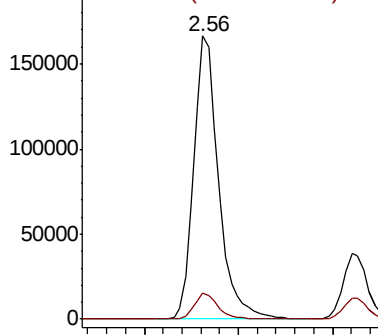
78 9.1 7.4 11.2

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Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.952 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX008560.D

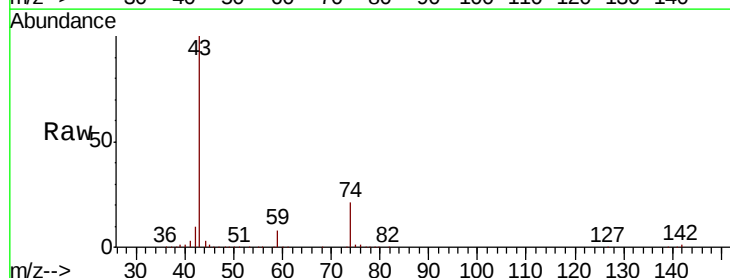
Acq: 01 Apr 2019 11:09

Tgt Ion: 43 Resp: 185616

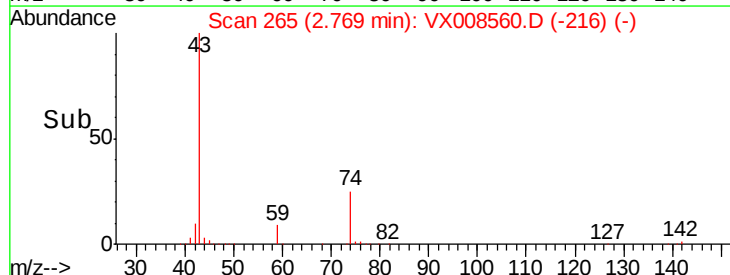
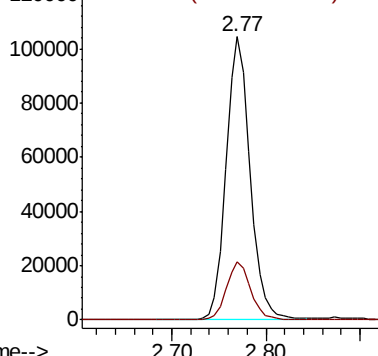
Ion Ratio Lower Upper

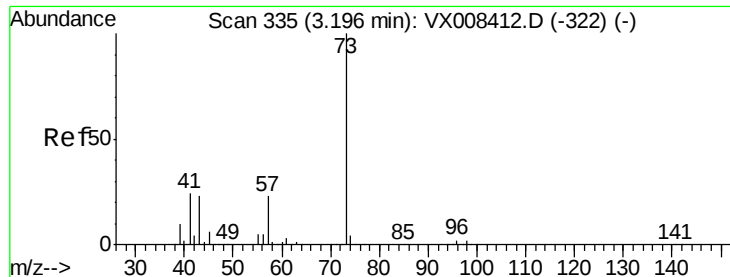
43 100

74 20.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





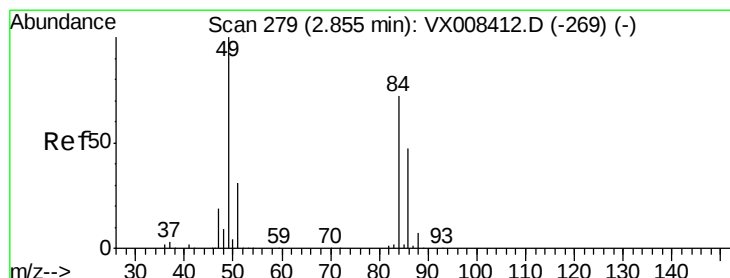
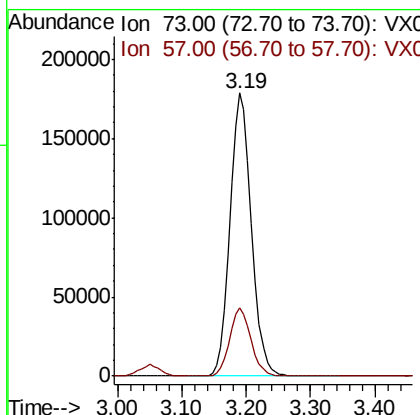
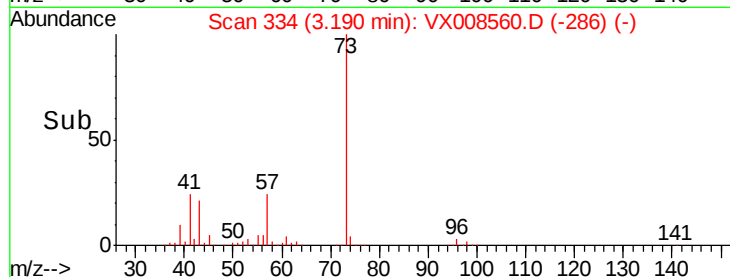
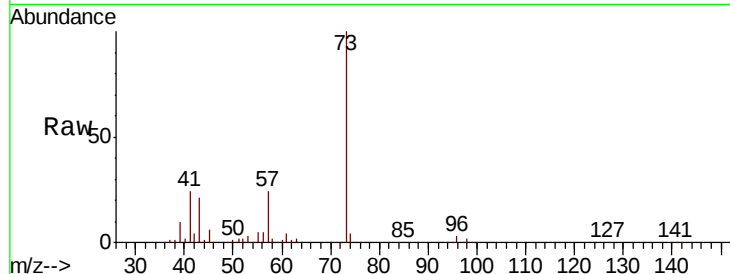
#19
Methvl tert-butvl Ether
Concen: 52.804 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.0	18.6	28.0

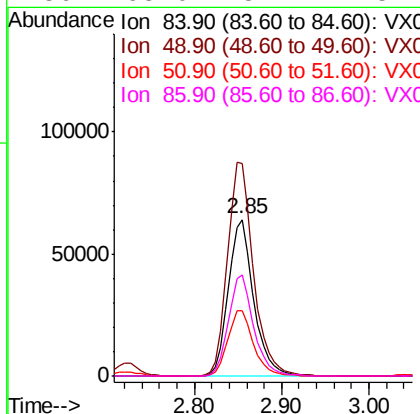
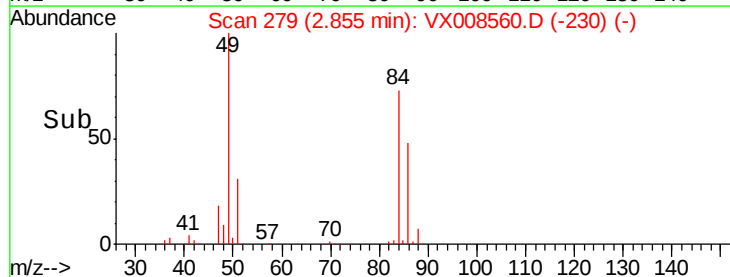
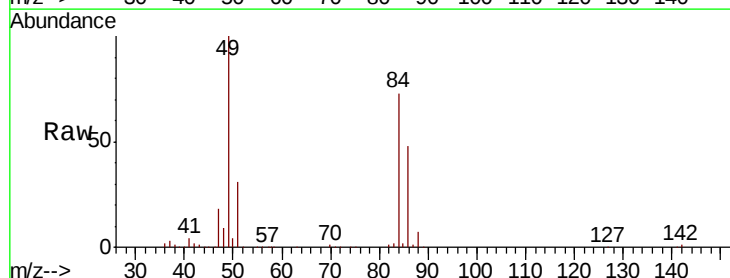
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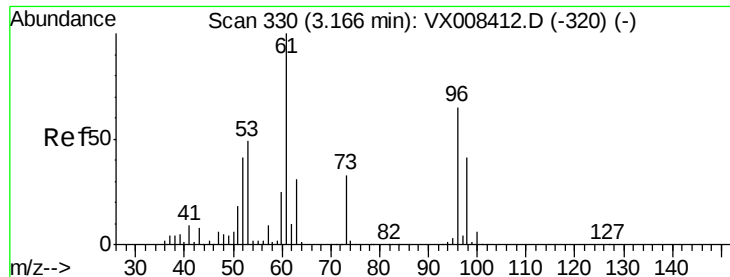
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#20
Methylene Chloride
Concen: 53.216 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.3	110.6	165.8
51	42.0	33.9	50.9
86	65.0	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 53.086 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 115503

Ion Ratio Lower Upper

96 100

61 156.3 122.6 184.0

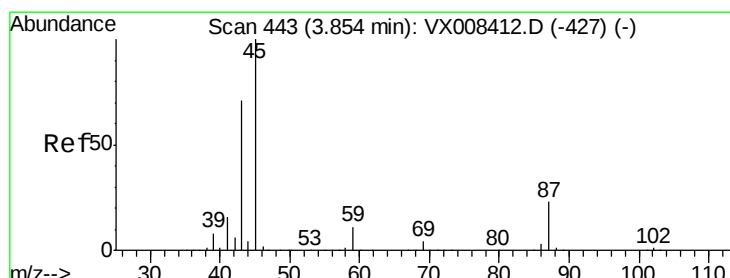
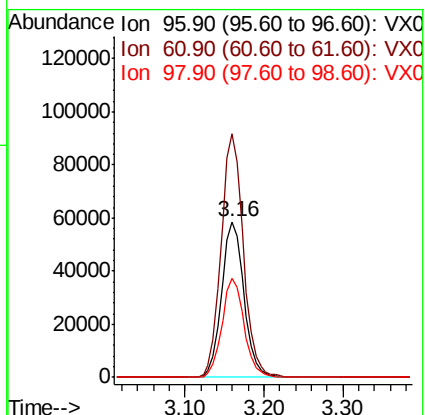
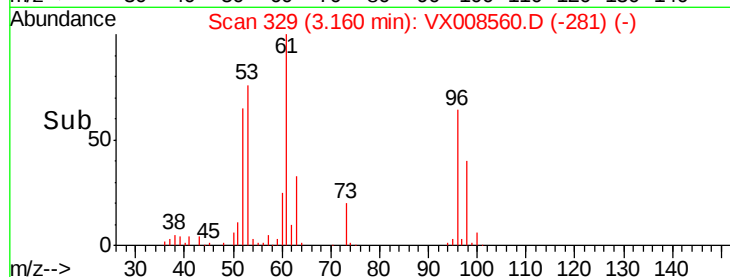
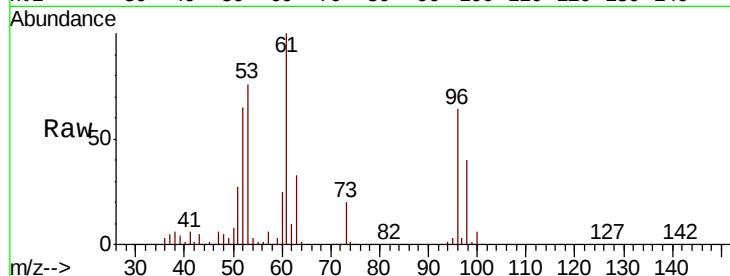
98 63.2 50.9 76.3

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#22

Diisopropyl ether

Concen: 51.900 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Tgt Ion: 45 Resp: 491758

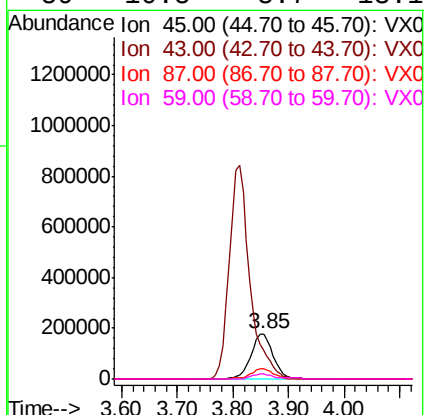
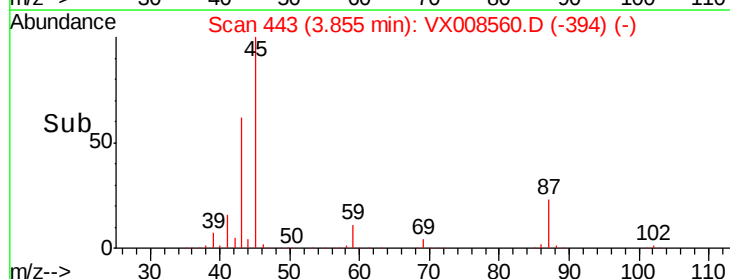
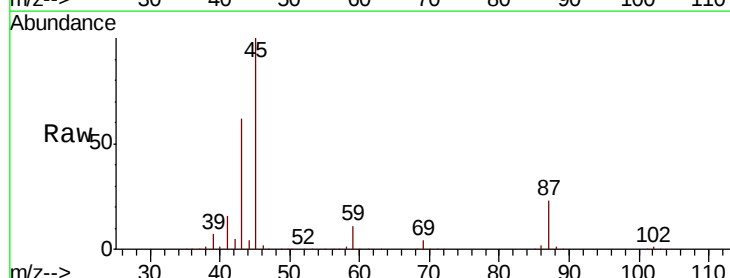
Ion Ratio Lower Upper

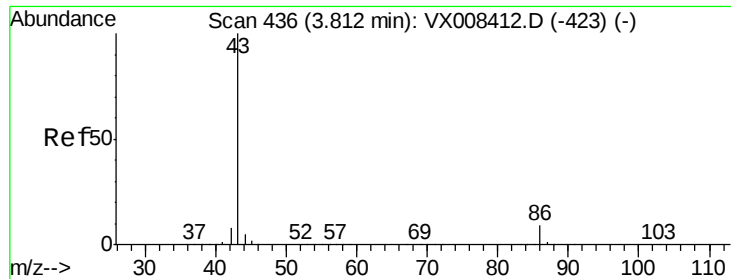
45 100

43 62.4 57.1 85.7

87 23.1 18.8 28.2

59 10.5 8.7 13.1





#23

Vinyl Acetate

Concen: 263.164 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2175453

Ion Ratio Lower Upper

43 100

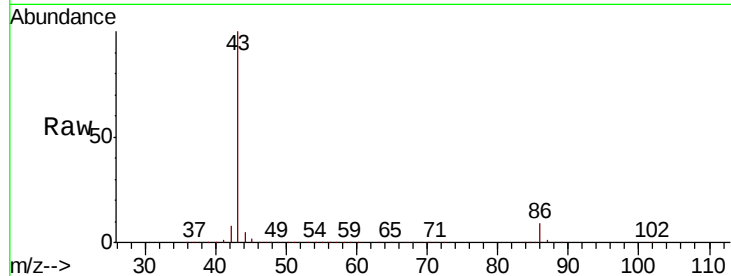
86 8.7 6.9 10.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

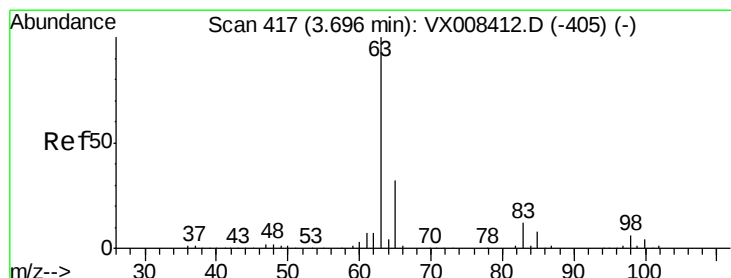
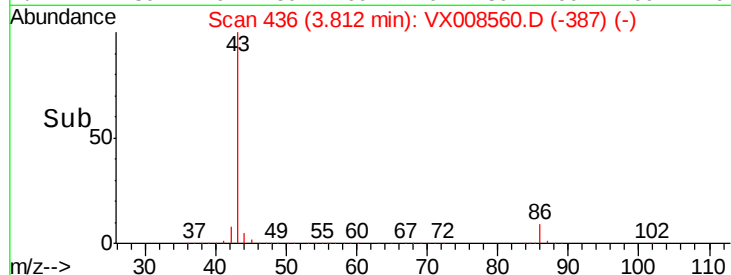
400000

200000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 51.311 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

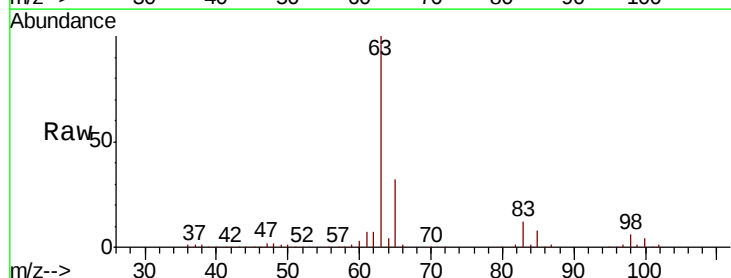
Tgt Ion: 63 Resp: 245447

Ion Ratio Lower Upper

63 100

98 5.8 3.2 9.6

100 4.1 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

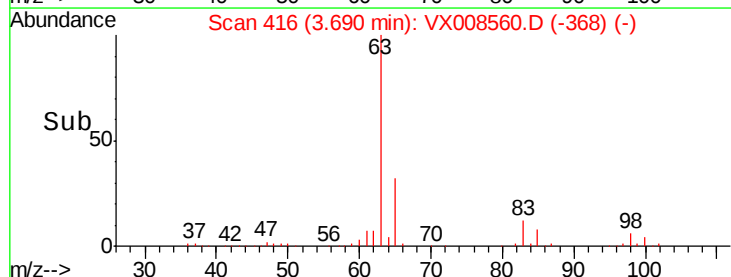
100000

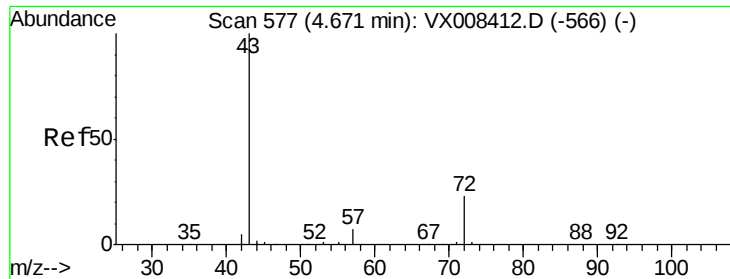
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 262.057 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 624985

Ion Ratio Lower Upper

43 100

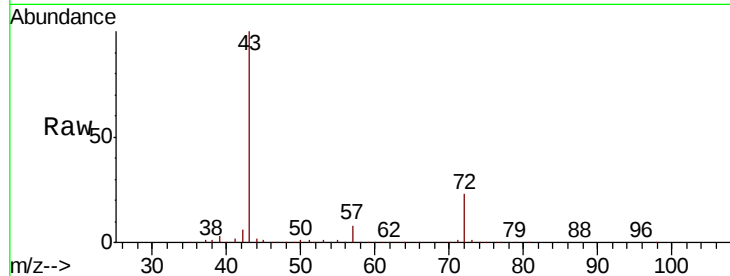
72 23.0 18.6 28.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

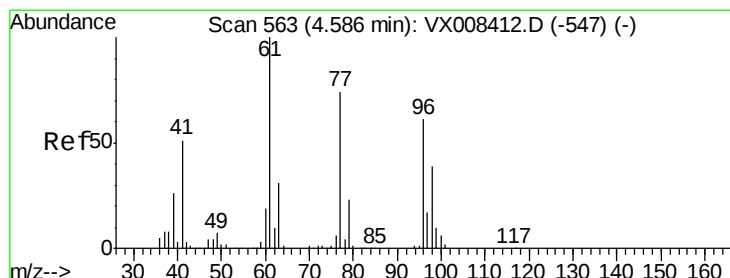
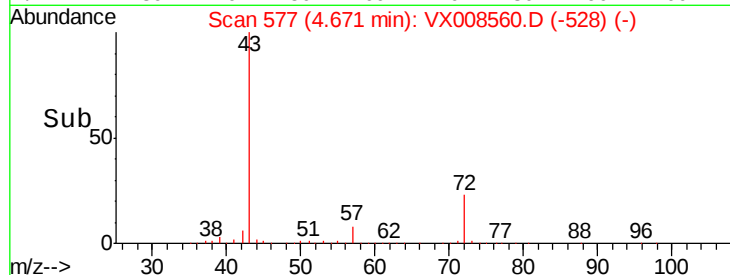
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 57.816 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX008560.D

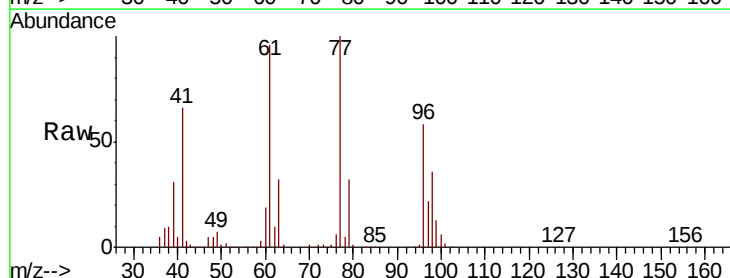
Acq: 01 Apr 2019 11:09

Tgt Ion: 77 Resp: 183951

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

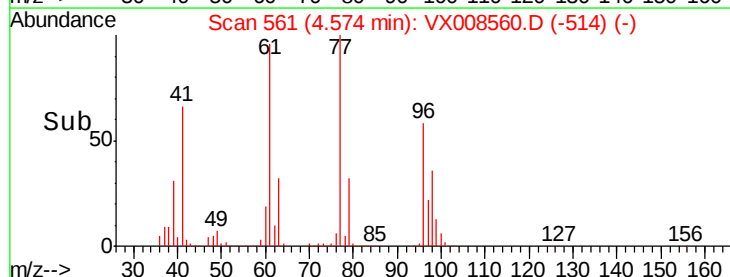
40000

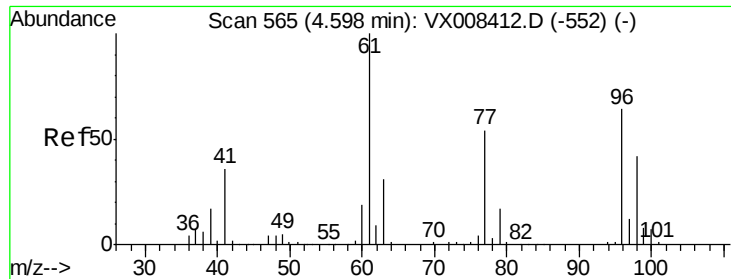
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

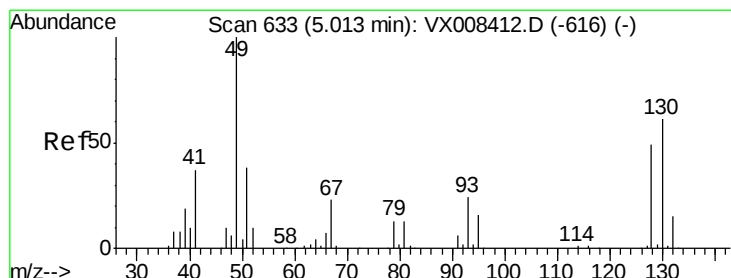
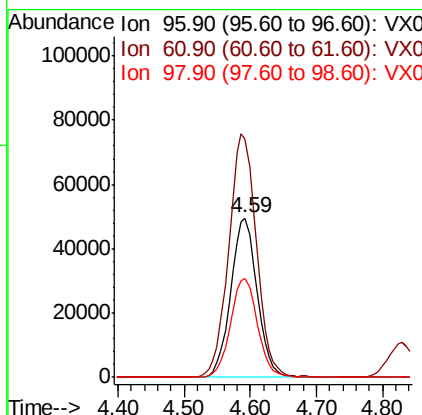
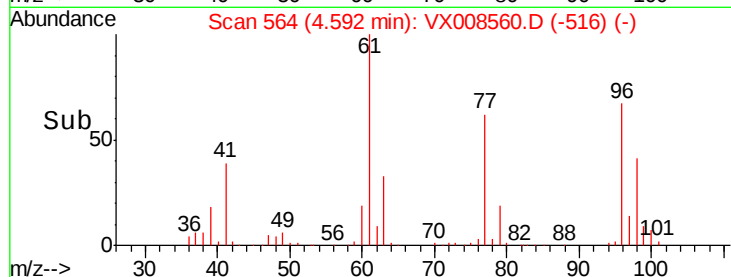
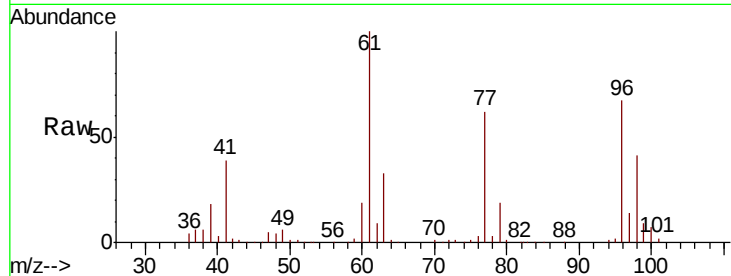
cis-1,2-Dichloroethene
Concen: 51.357 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	137169		
61	160.1	0.0	325.6	
98	63.3	0.0	130.0	

Manual Integrations
APPROVED

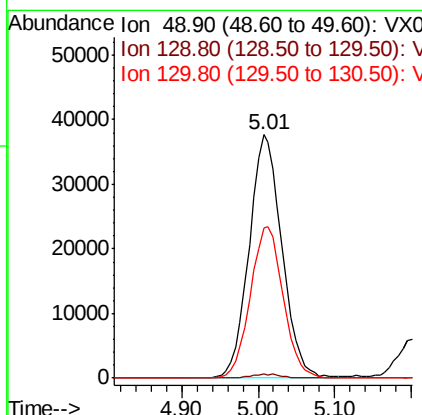
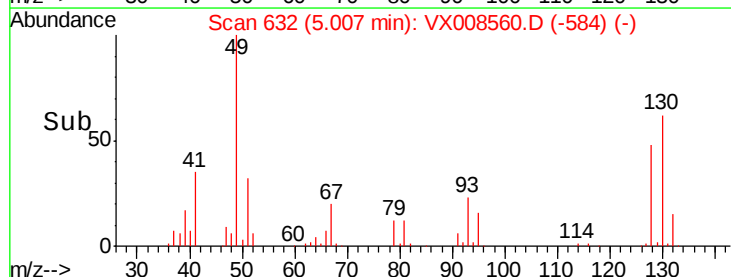
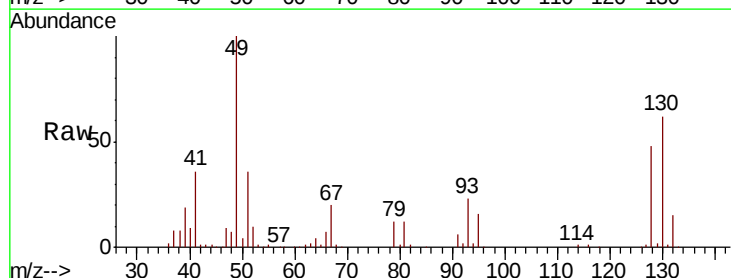
MMDadoda
4/2/2019 9:19:30 AM

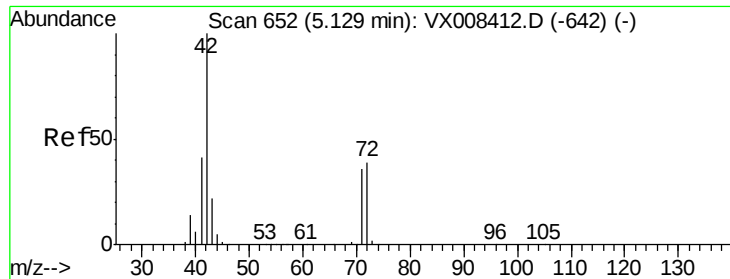


#28

Bromochloromethane
Concen: 47.597 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	112487		
129	1.7	0.0	3.4	
130	62.3	49.8	74.6	





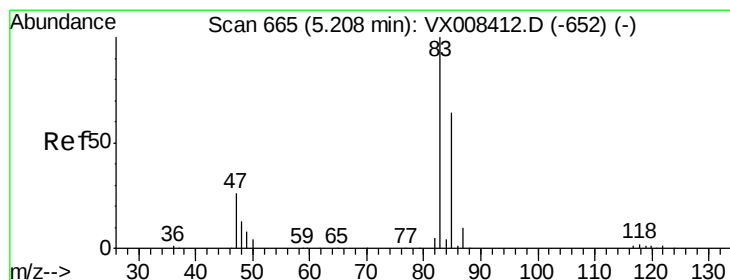
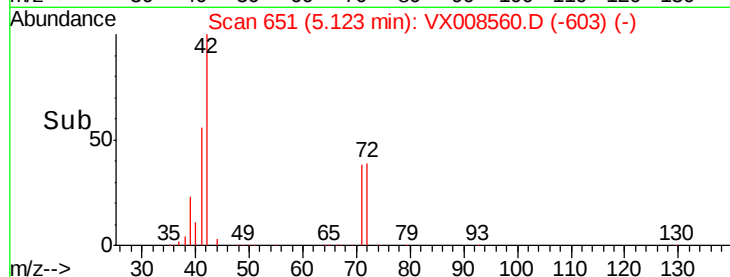
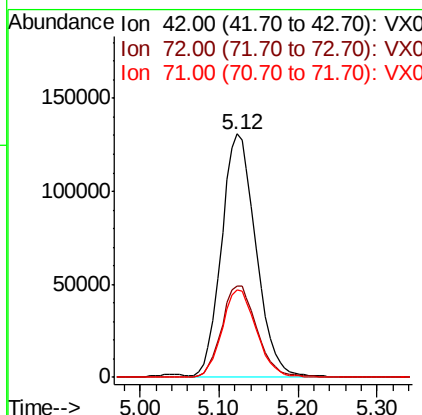
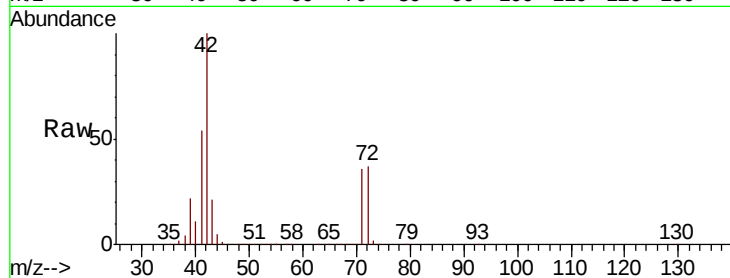
#29
Tetrahydrofuran
Concen: 251.767 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	395737
Ion Ratio		Lower	Upper
42	100		
72	38.8	31.4	47.2
71	36.3	29.4	44.2

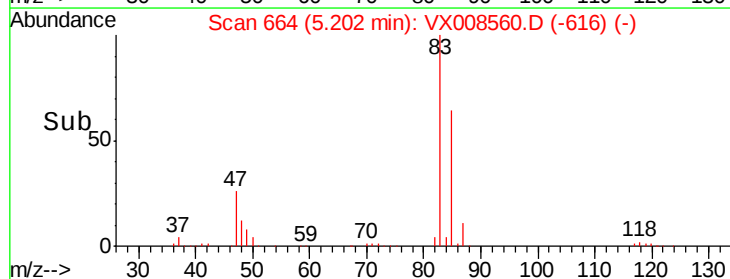
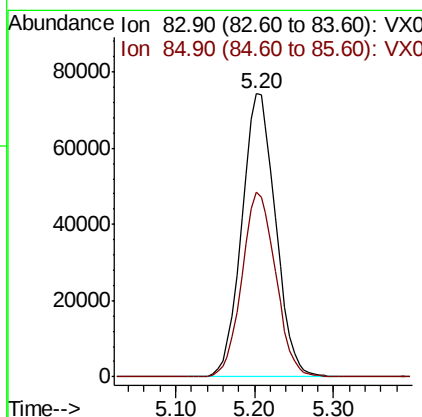
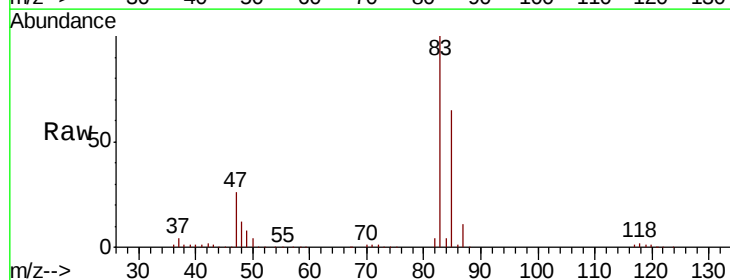
Manual Integrations
APPROVED

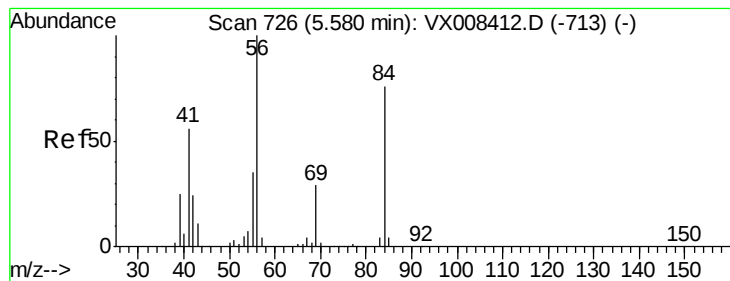
MMDadoda
4/2/2019 9:19:30 AM



#30
Chloroform
Concen: 51.252 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion:	83	Resp:	221254
Ion Ratio		Lower	Upper
83	100		
85	65.3	51.4	77.2





#31

Cyclohexane

Concen: 51.156 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

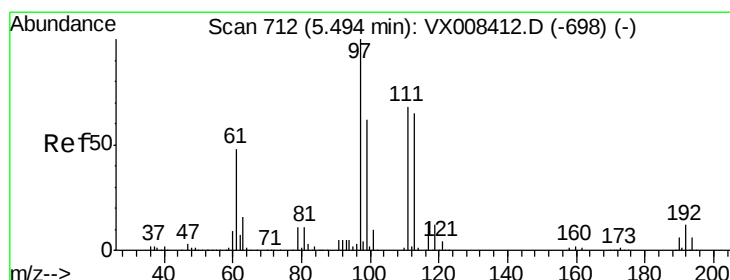
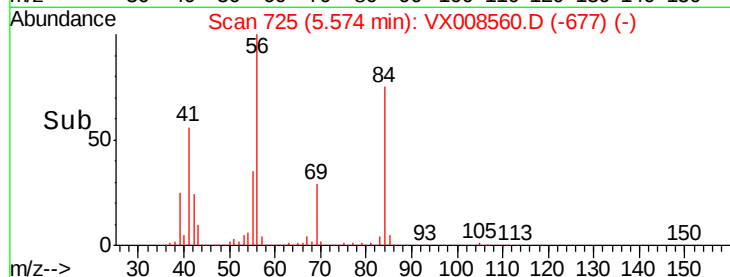
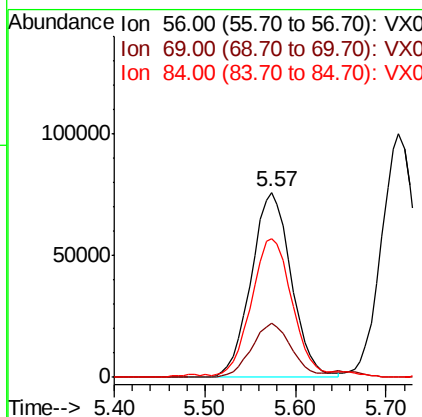
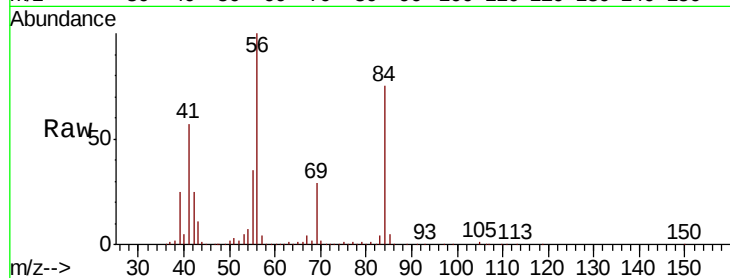
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	233386
Ion Ratio	Lower	Upper	
56	100		
69	29.2	23.2	34.8
84	73.8	60.7	91.1

Manual Integrations
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MMDadoda
4/2/2019 9:19:30 AM



#32

1,1,1-Trichloroethane

Concen: 52.824 ug/l

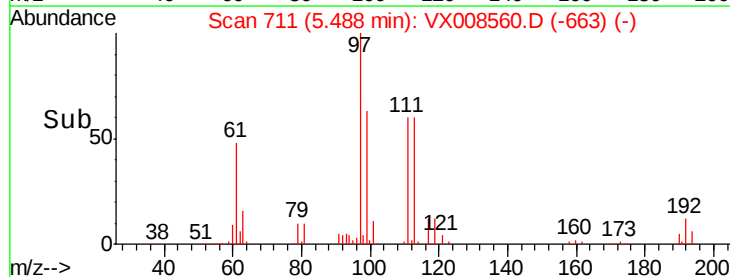
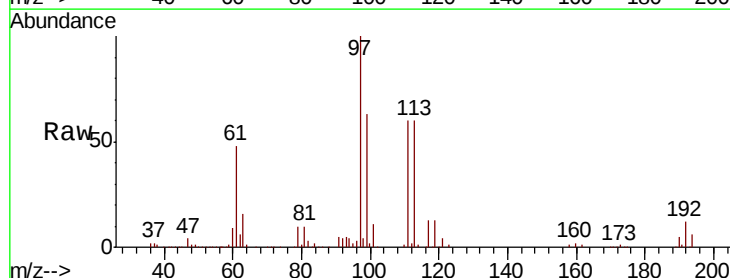
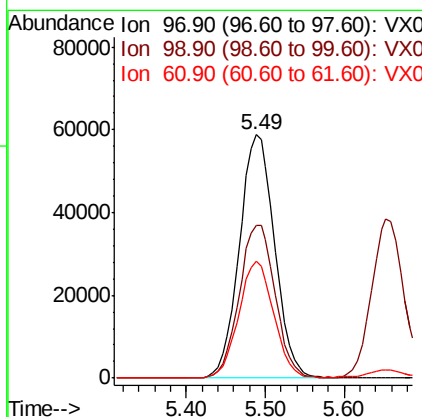
RT: 5.49 min Scan# 711

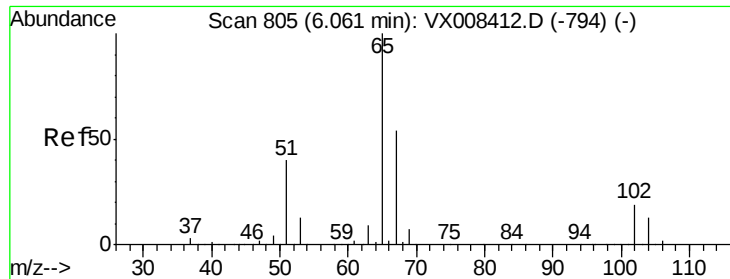
Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Tgt Ion:	97	Resp:	182280
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.5	77.3
61	47.9	38.8	58.2





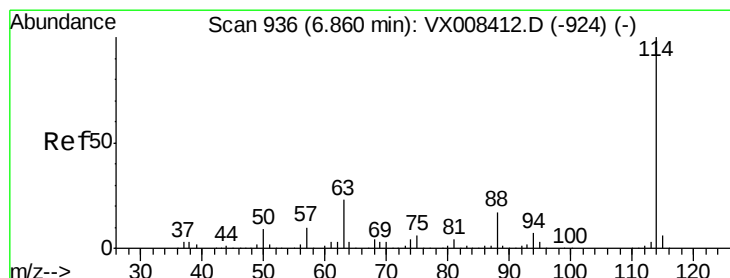
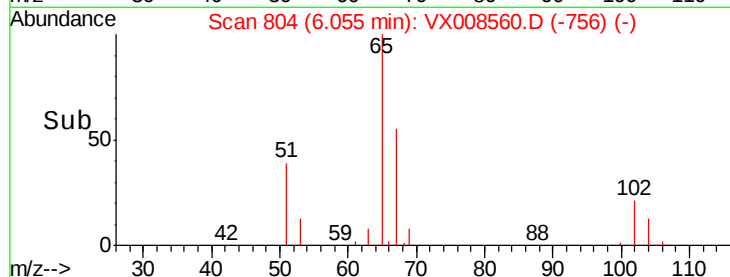
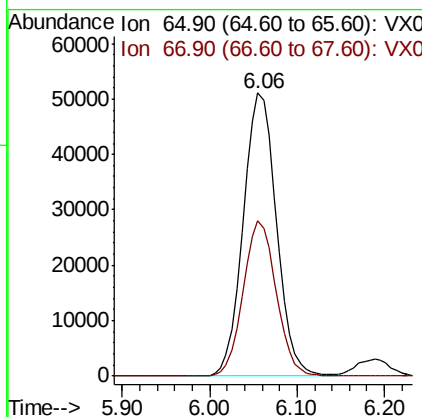
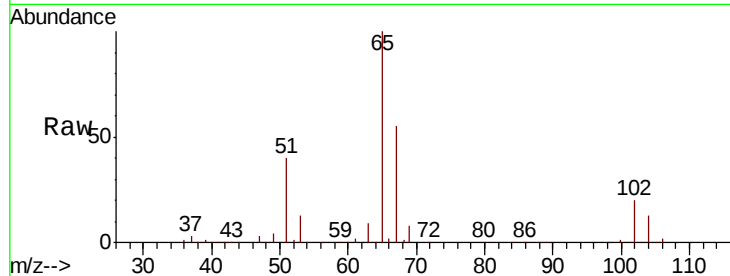
#33
 1,2-Dichloroethane-d4
 Concen: 47.463 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	109.4

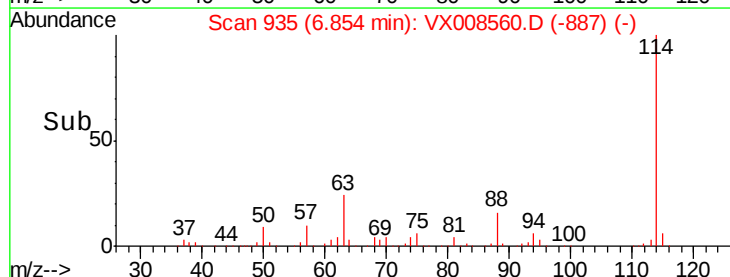
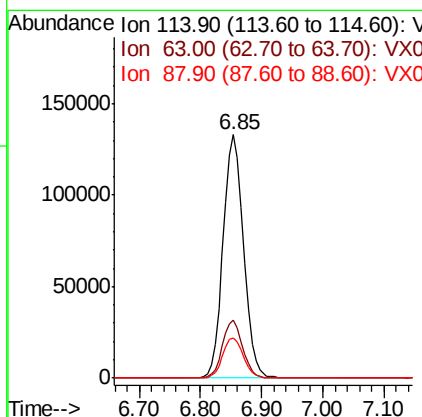
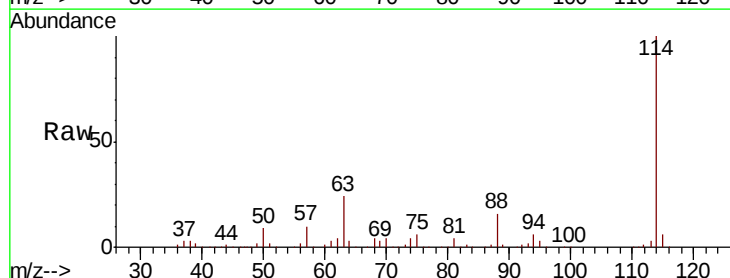
Manual Integrations
 APPROVED

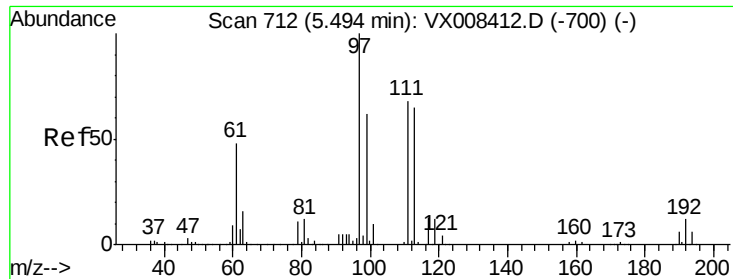
MMDadoda
 4/2/2019 9:19:30 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	46.4
88	16.4	0.0	33.2





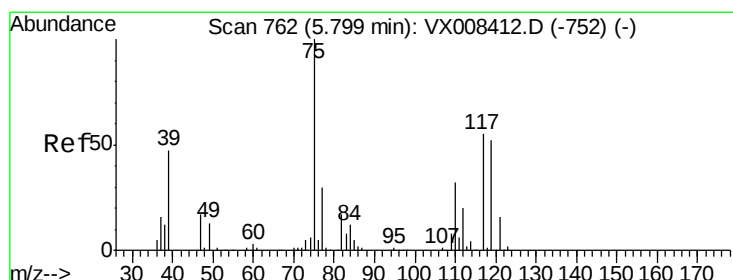
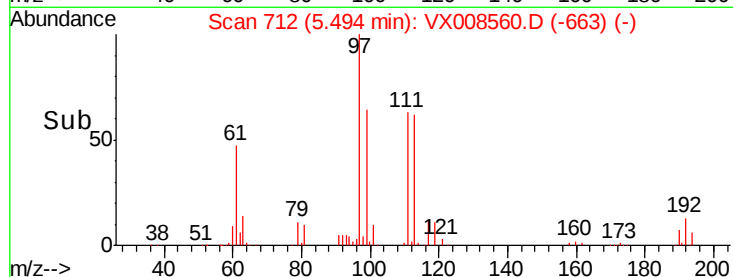
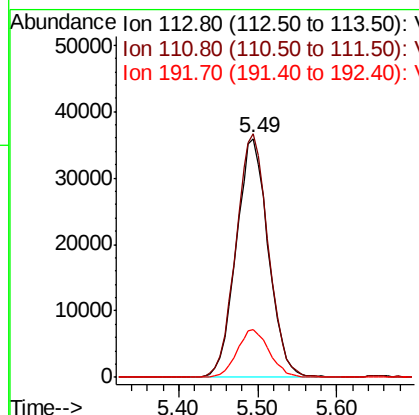
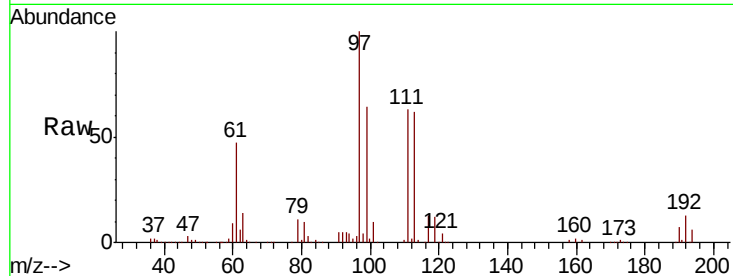
#35
Dibromofluoromethane
Concen: 50.447 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	101444		
111	103.1	83.0	124.4	
192	20.1	15.6	23.4	

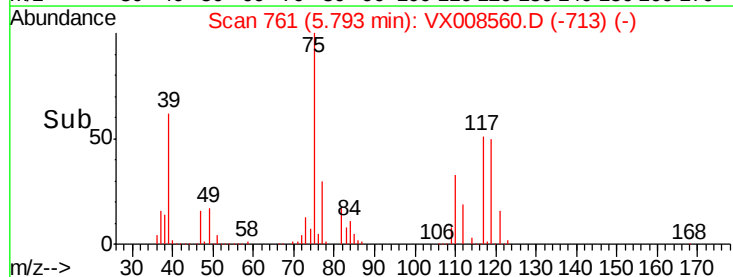
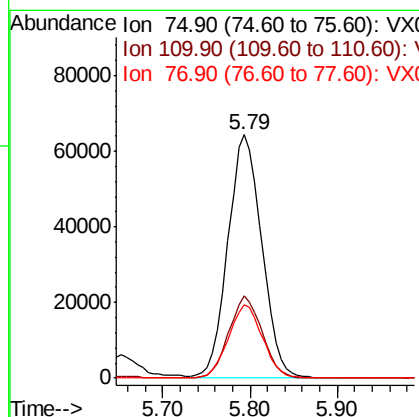
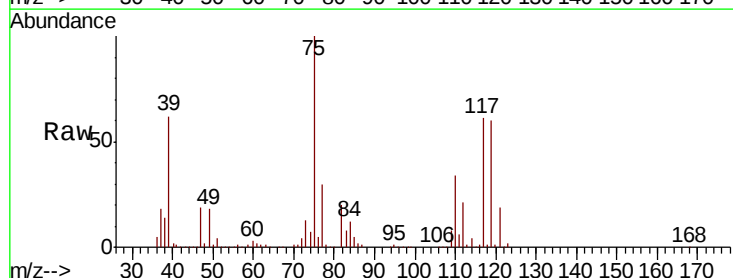
Manual Integrations
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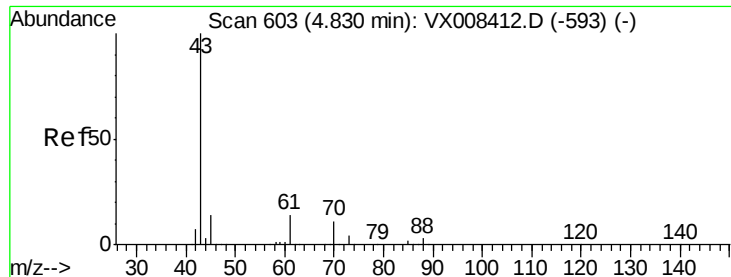
MMDadoda
4/2/2019 9:19:30 AM



#36
1,1-Dichloropropene
Concen: 52.576 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	172881		
110	33.3	16.6	49.7	
77	30.2	24.2	36.2	





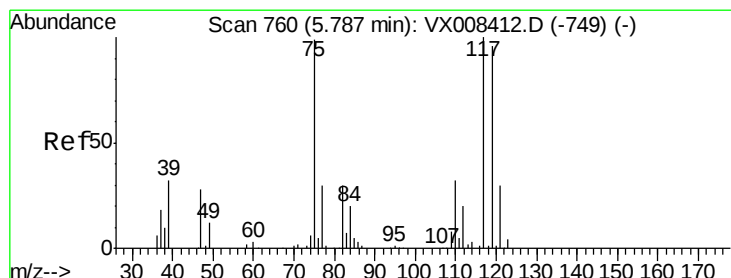
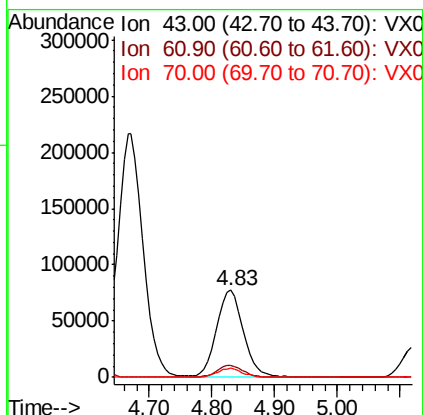
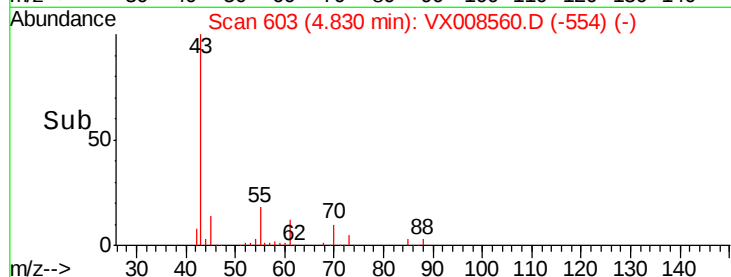
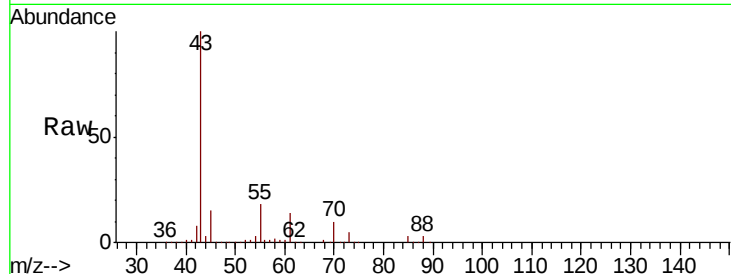
#37
Ethyl Acetate
Concen: 54.125 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.5	15.7
70	9.7	7.8	11.8

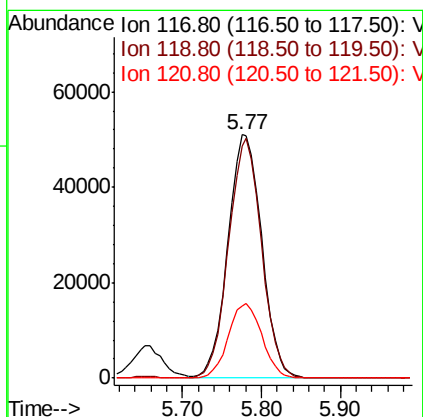
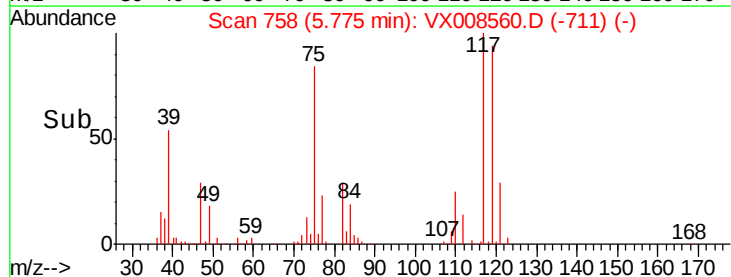
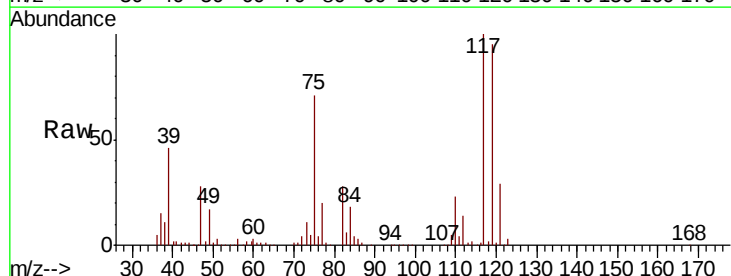
Manual Integrations
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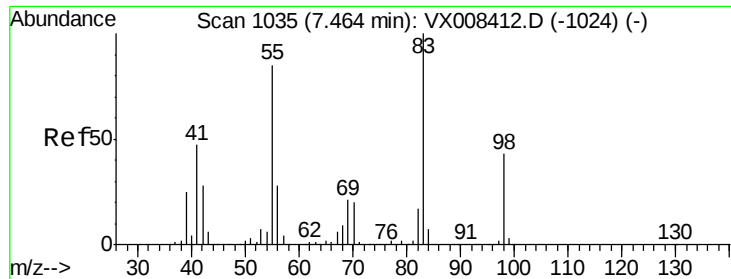
MMDadoda
4/2/2019 9:19:30 AM



#38
Carbon Tetrachloride
Concen: 55.399 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.7	115.1
121	29.5	24.3	36.5





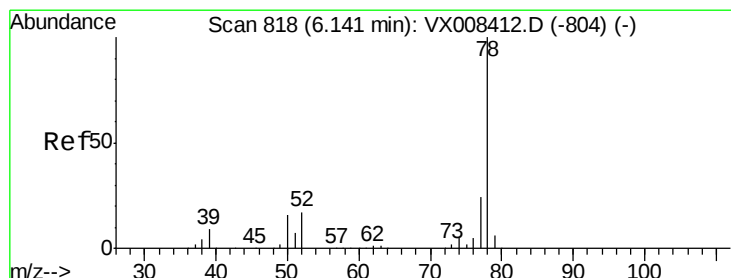
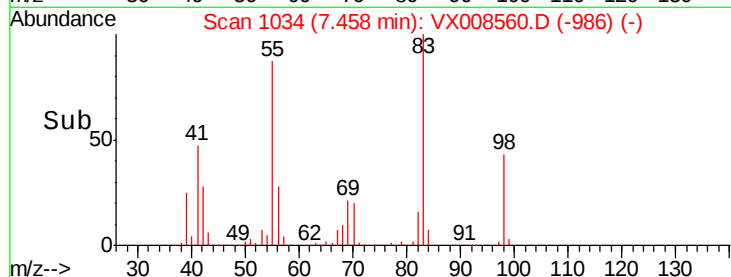
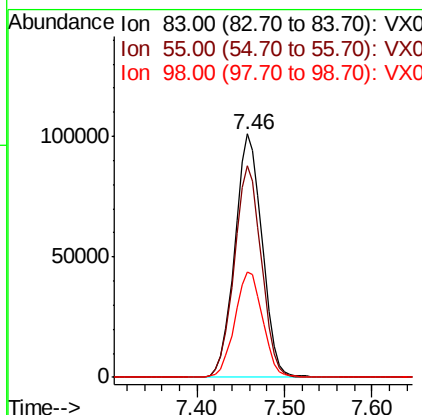
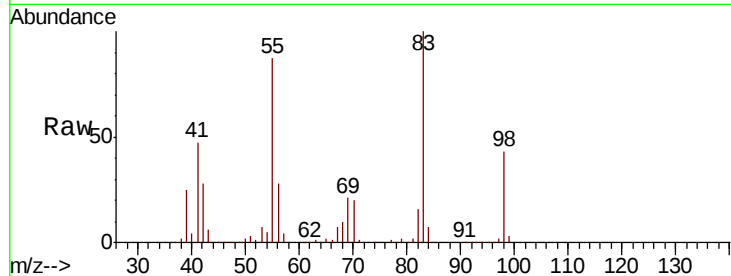
#39
Methvlcvclohexane
Concen: 55.944 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.8	68.2	102.4
98	43.4	34.2	51.4

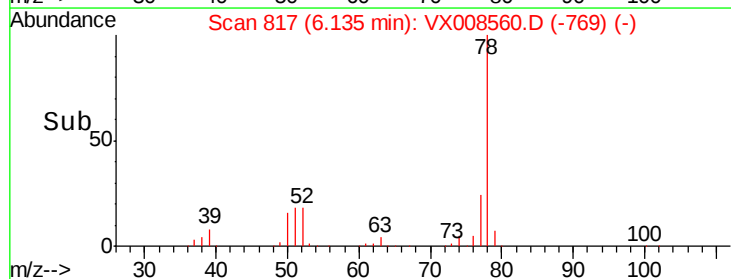
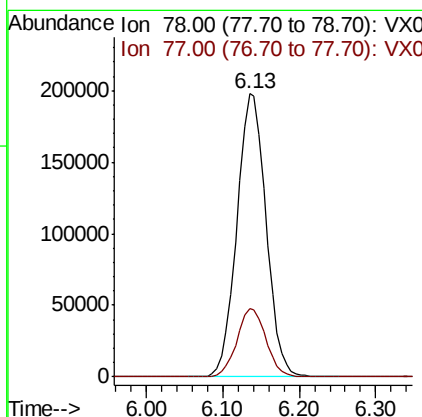
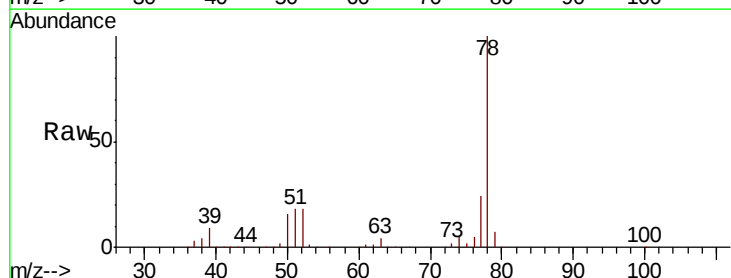
Manual Integrations
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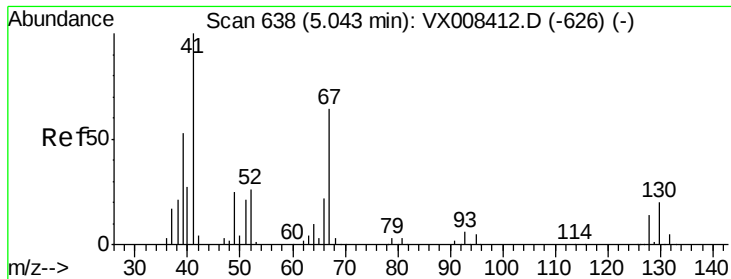
MMDadoda
4/2/2019 9:19:30 AM



#40
Benzene
Concen: 53.104 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9





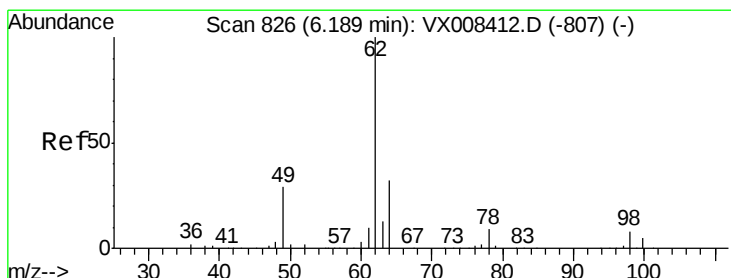
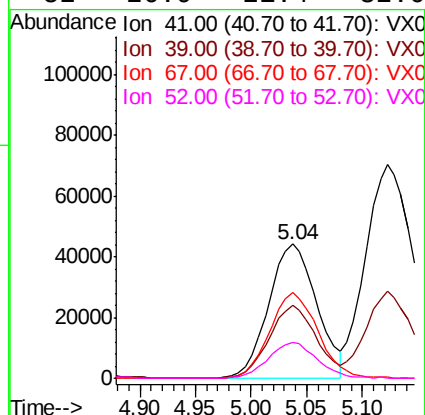
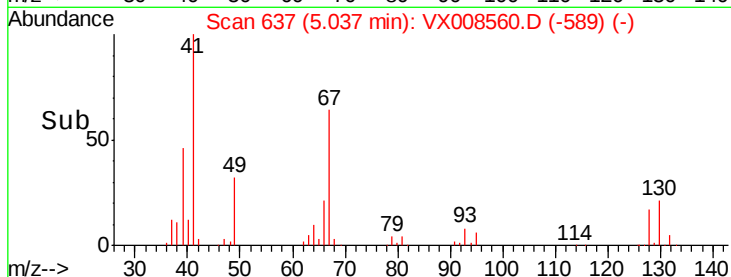
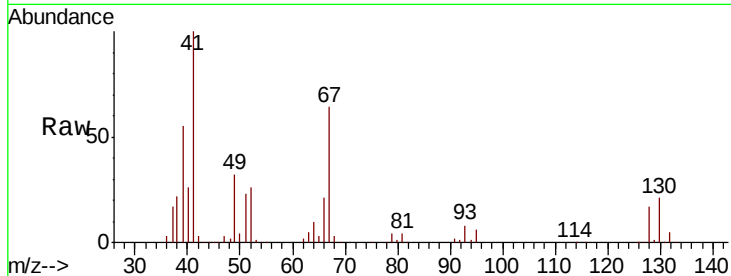
#41
Methacrylonitrile
Concen: 55.400 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	132622
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.6	64.0
67	64.1	52.2	78.4
52	26.9	21.4	32.0

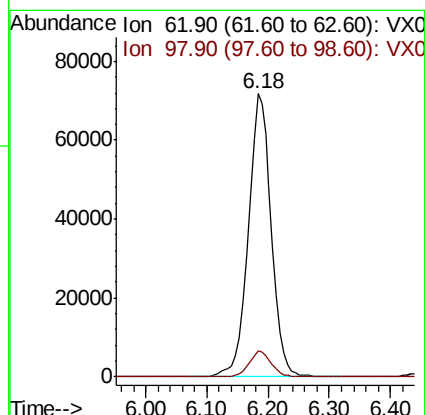
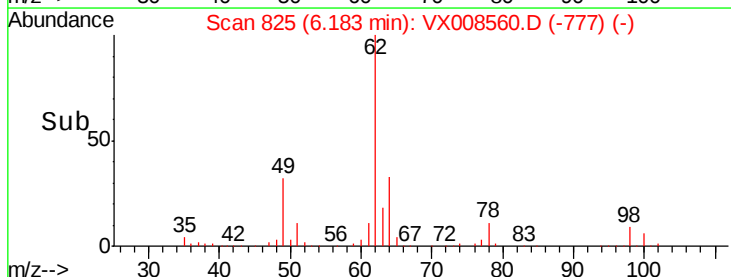
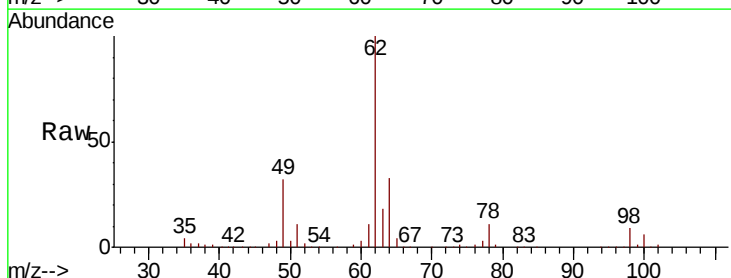
Manual Integrations
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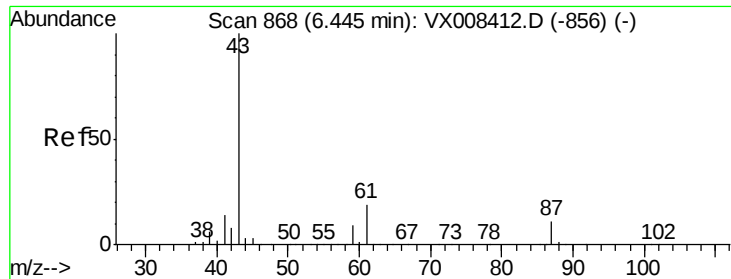
MMDadoda
4/2/2019 9:19:30 AM



#42
1,2-Dichloroethane
Concen: 51.963 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion:	62	Resp:	187288
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6





#43

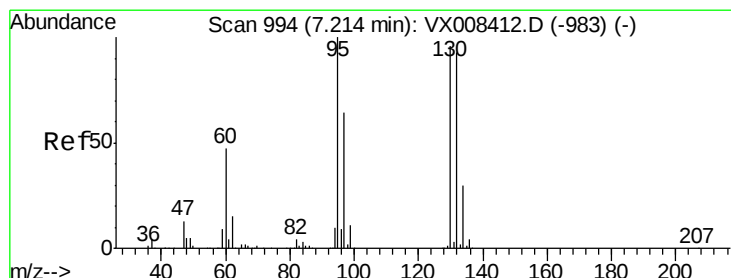
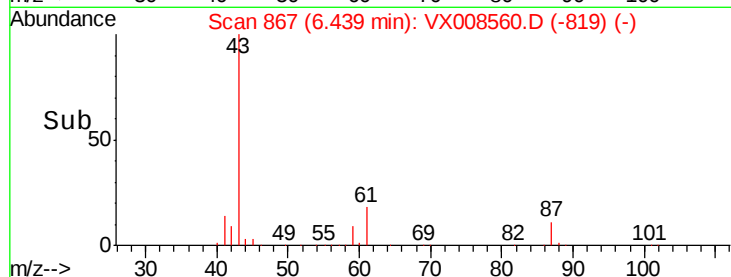
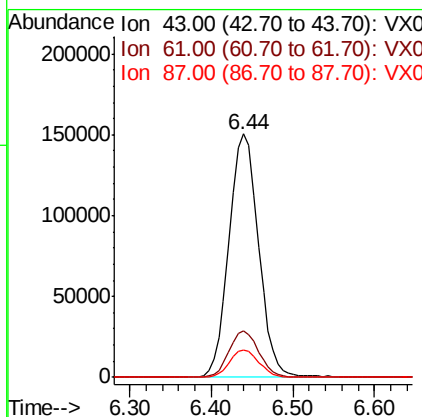
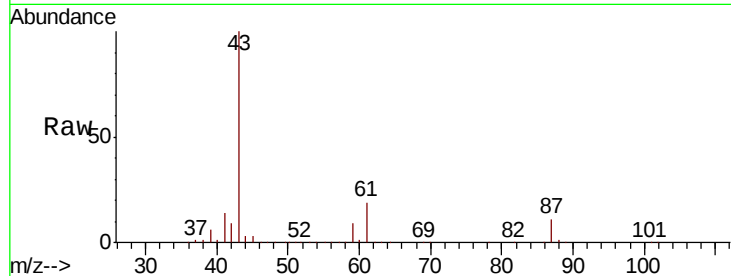
Isopropyl Acetate
 Concen: 55.252 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	43	Resp:	376470
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.2
87	11.4	9.1	13.7

Manual Integrations
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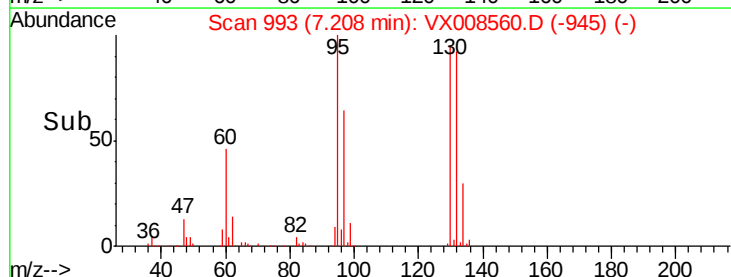
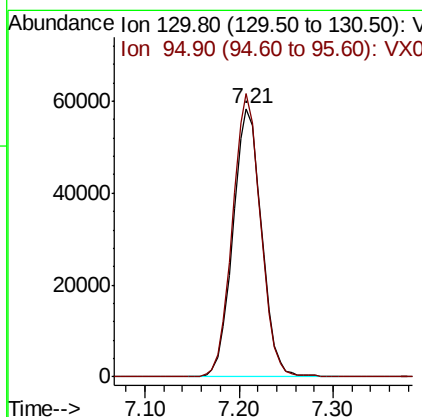
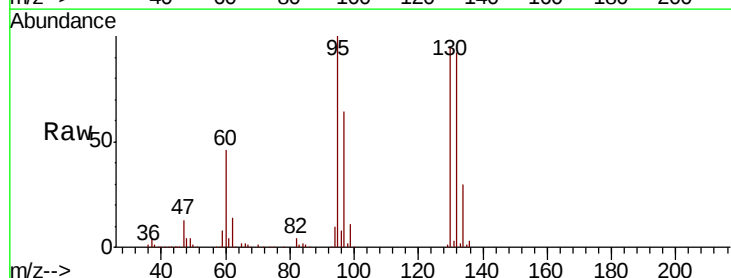
MMDadoda
 4/2/2019 9:19:30 AM

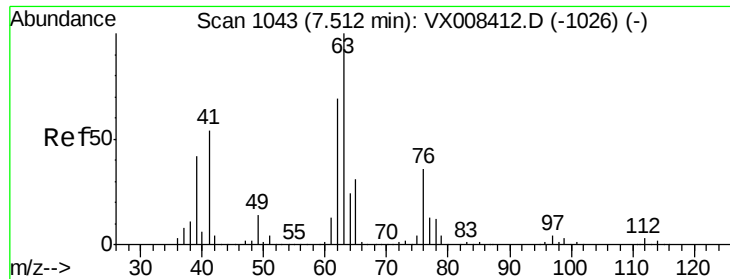


#44

Trichloroethene
 Concen: 53.492 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Tgt Ion:	130	Resp:	123641
Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	208.8





#45

1,2-Dichloropropane

Concen: 53.949 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 150953

Ion Ratio Lower Upper

63 100

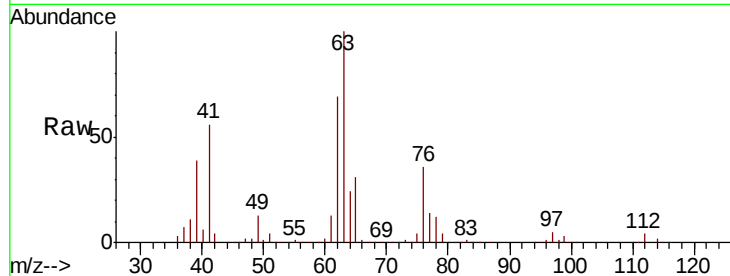
65 30.6 25.1 37.7

Manual Integrations

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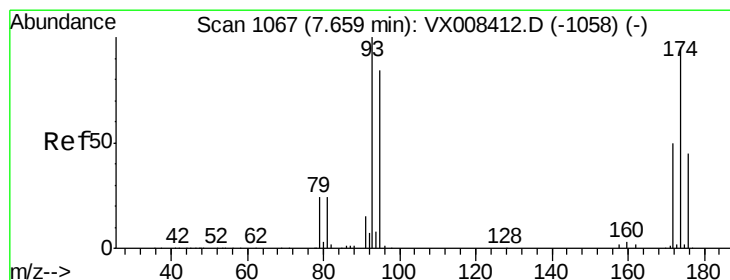
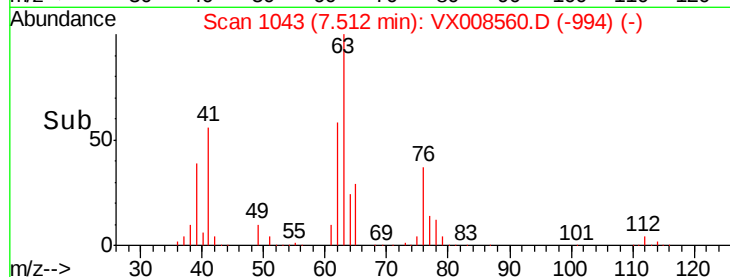
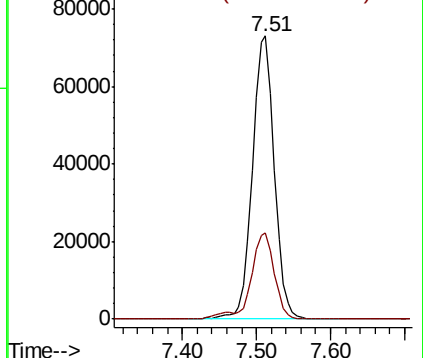
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.904 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

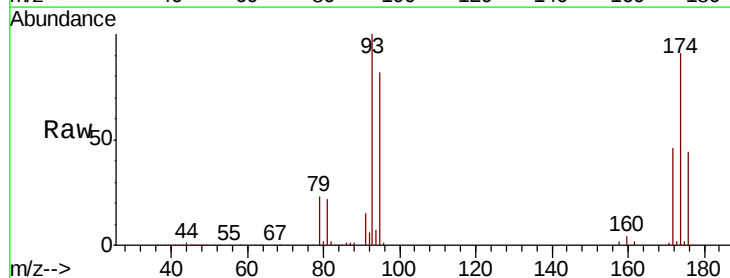
Tgt Ion: 93 Resp: 86443

Ion Ratio Lower Upper

93 100

95 82.7 67.0 100.6

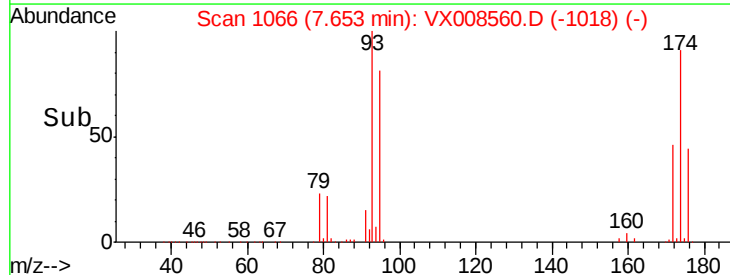
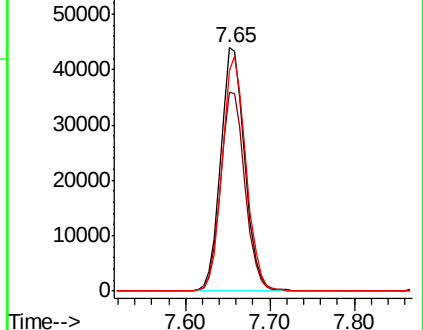
174 95.3 76.0 114.0

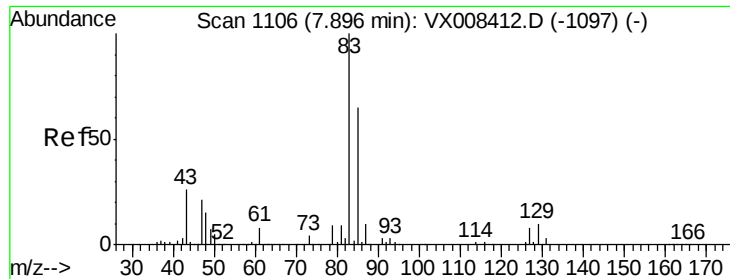


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 56.464 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

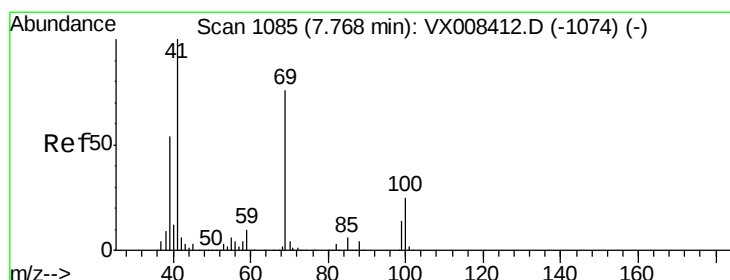
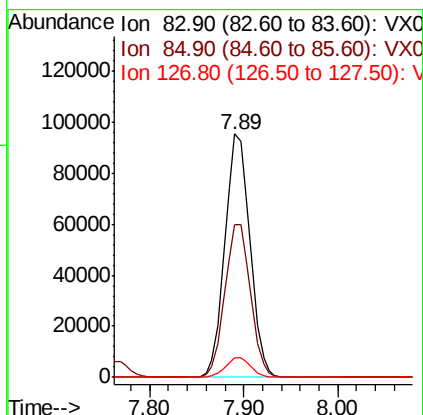
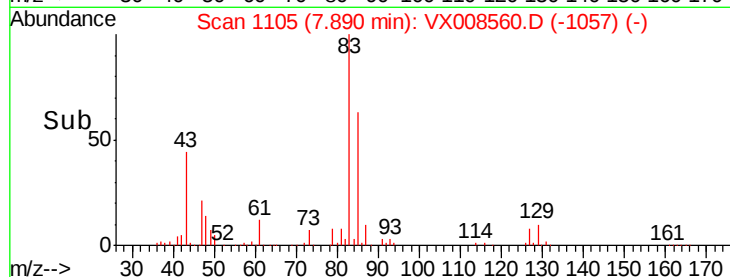
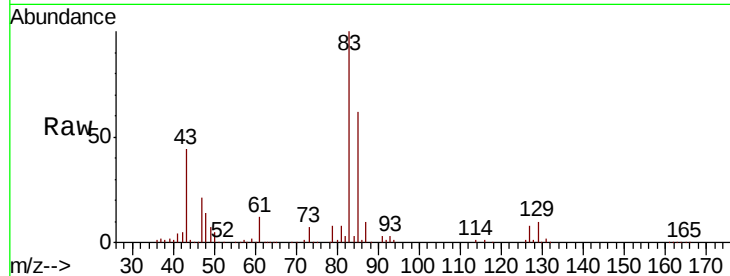
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	176590
Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.0	78.0
127	8.0	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.946 ug/l

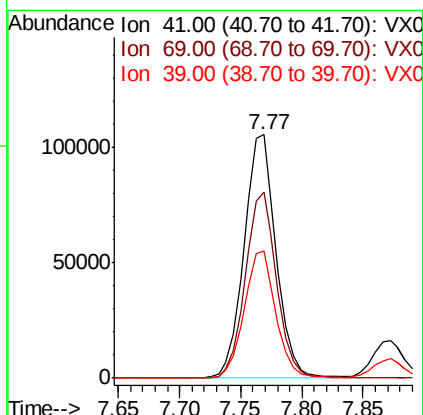
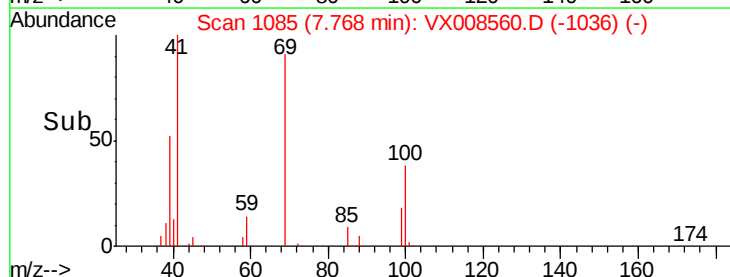
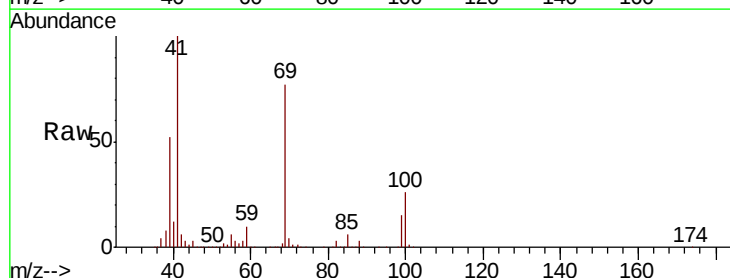
RT: 7.77 min Scan# 1085

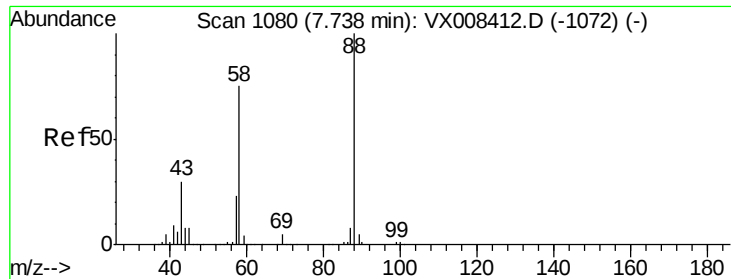
Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Tgt Ion:	41	Resp:	190736
Ion	Ratio	Lower	Upper
41	100		
69	75.5	60.8	91.2
39	51.5	42.3	63.5





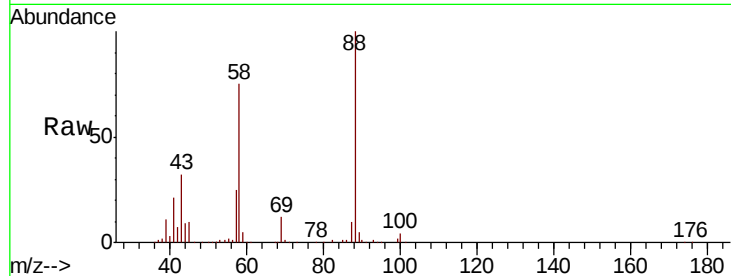
#49
1,4-Dioxane
Concen: 929.174 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.7	28.6	43.0
58	79.3	63.0	94.4

Manual Integrations
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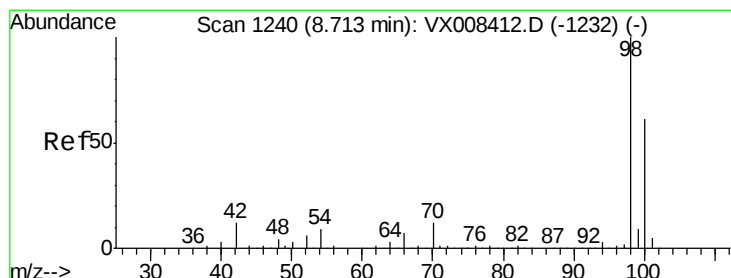
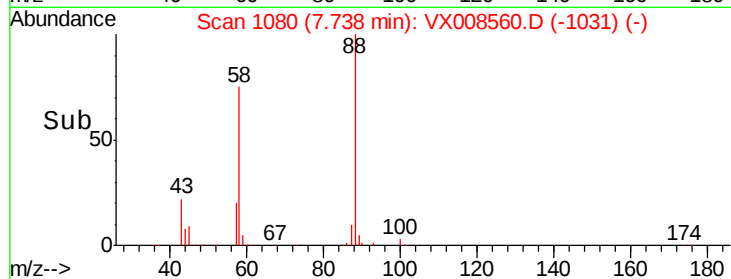
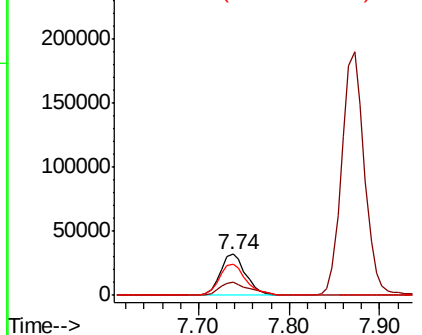


Abundance

Ion 88.00 (87.70 to 88.70): VX0

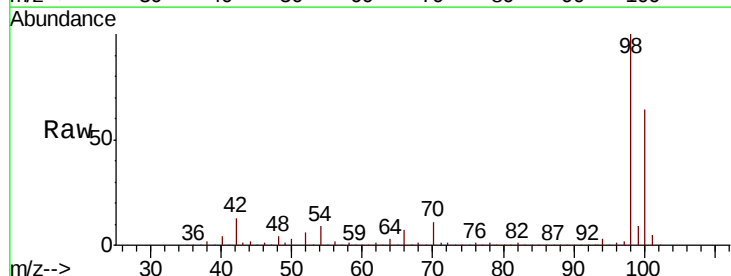
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 50.721 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

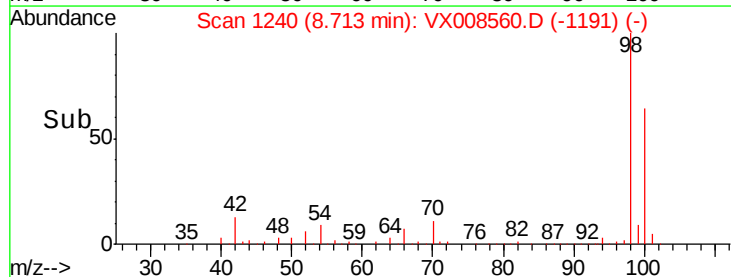
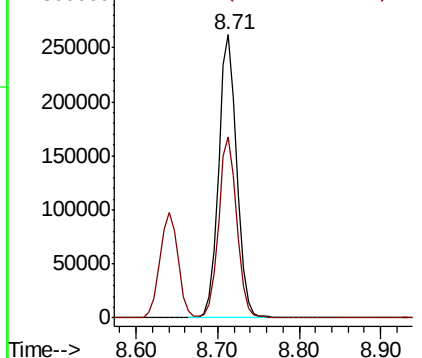
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.1	76.7

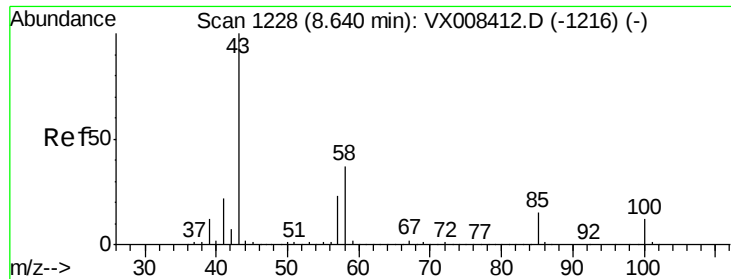


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 276.569 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1223964

Ion Ratio Lower Upper

43 100

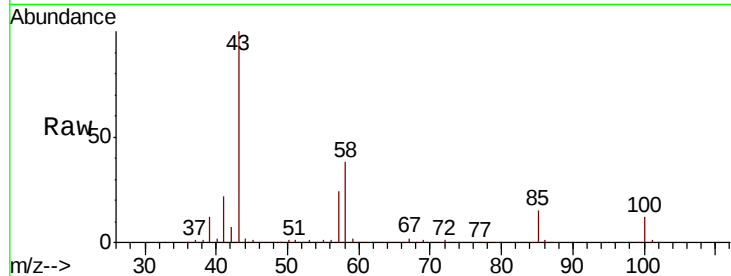
58 37.2 29.8 44.8

Manual Integrations

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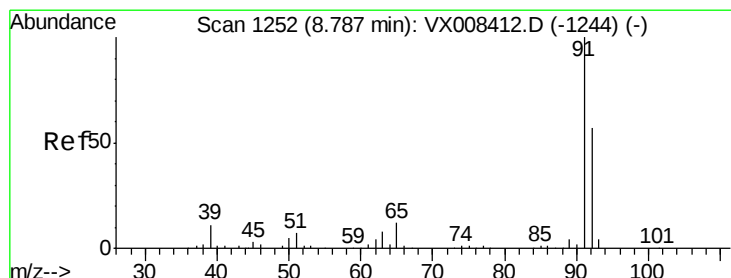
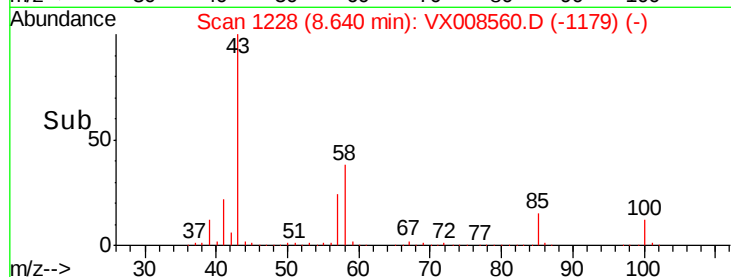
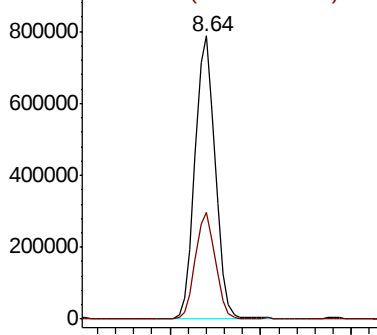
MMDadoda

4/2/2019 9:19:30 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.666 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008560.D

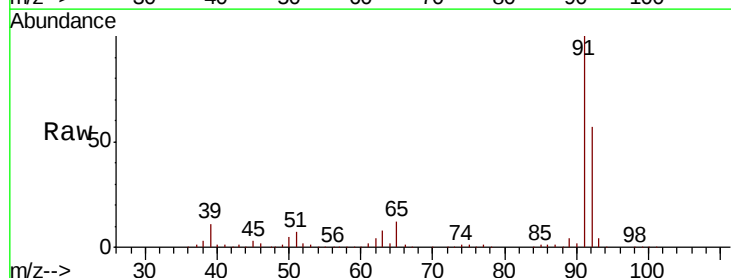
Acq: 01 Apr 2019 11:09

Tgt Ion: 92 Resp: 321771

Ion Ratio Lower Upper

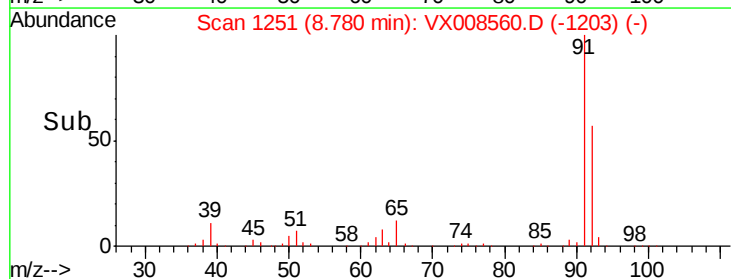
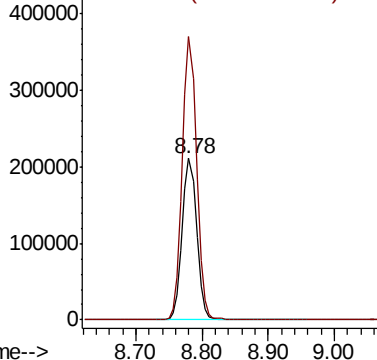
92 100

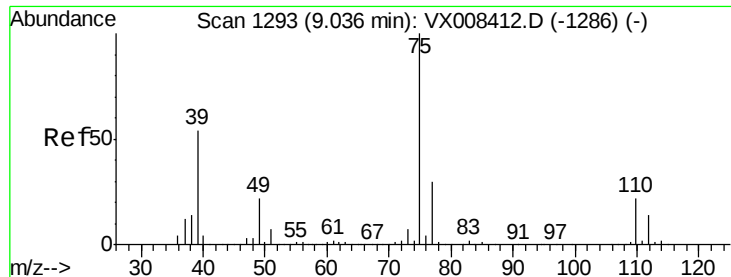
91 172.4 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





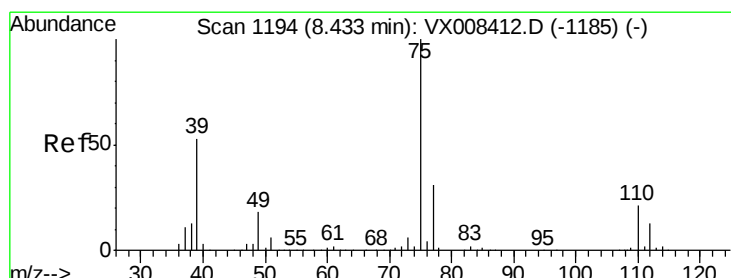
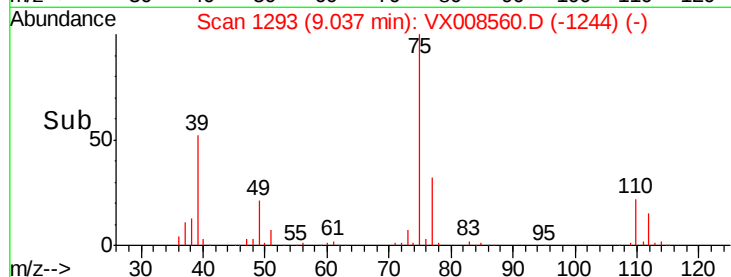
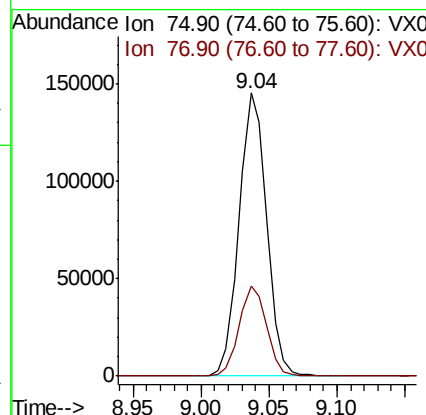
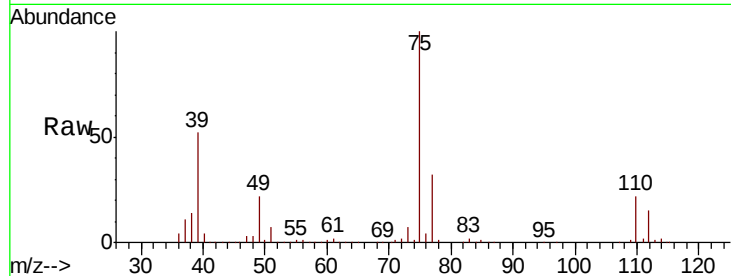
#53
t-1,3-Dichloropropene
Concen: 59.924 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.3	36.5

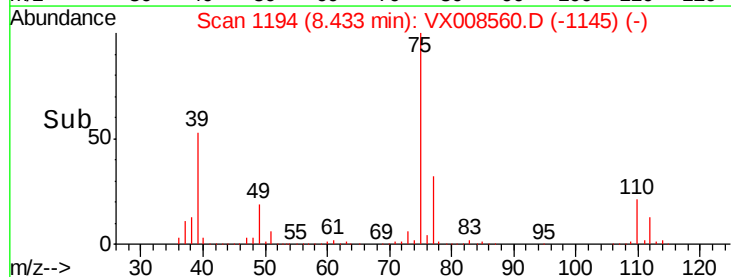
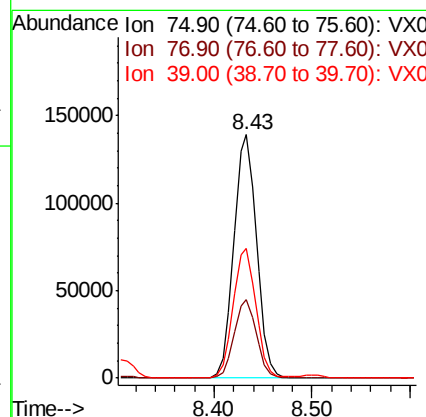
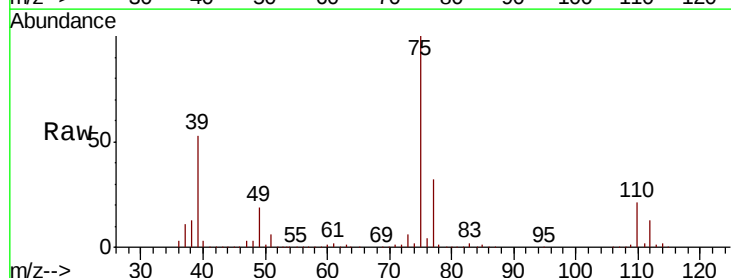
Manual Integrations
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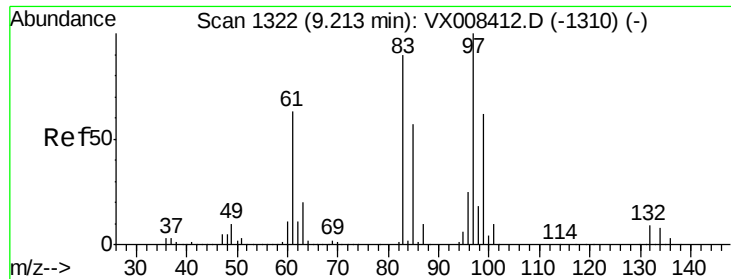
MMDadoda
4/2/2019 9:19:30 AM



#54
cis-1,3-Dichloropropene
Concen: 57.663 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.7	37.1
39	53.4	42.4	63.6





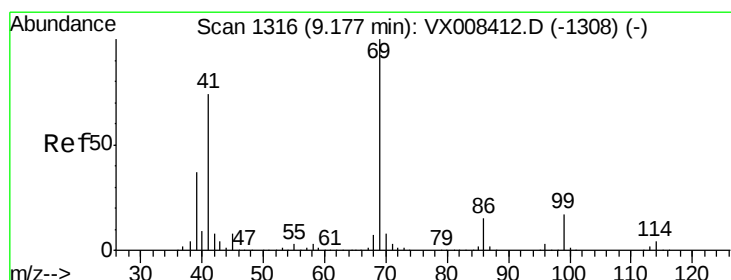
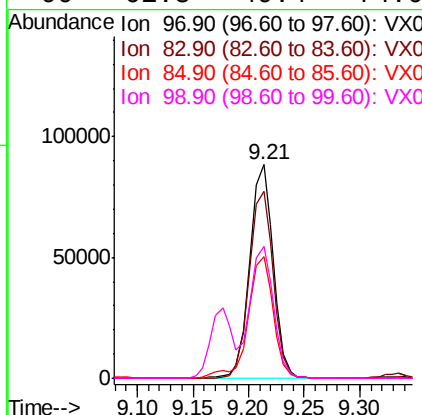
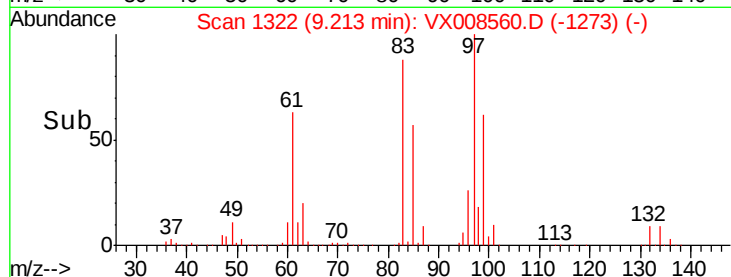
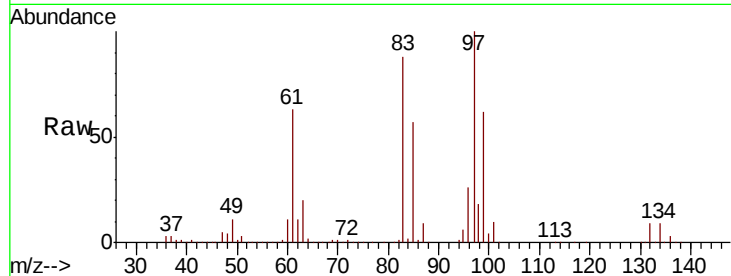
#55
 1,1,2-Trichloroethane
 Concen: 54.242 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion:	97	Resp:	129967
Ion	Ratio	Lower	Upper
97	100		
83	87.6	71.8	107.6
85	56.9	45.9	68.9
99	61.8	49.4	74.0

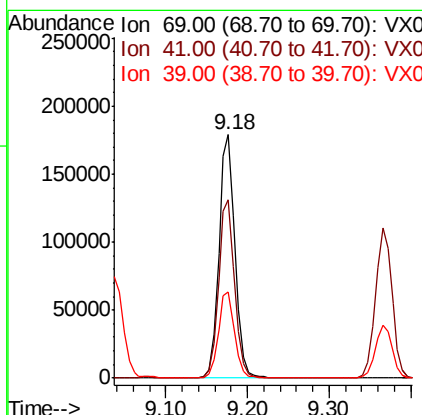
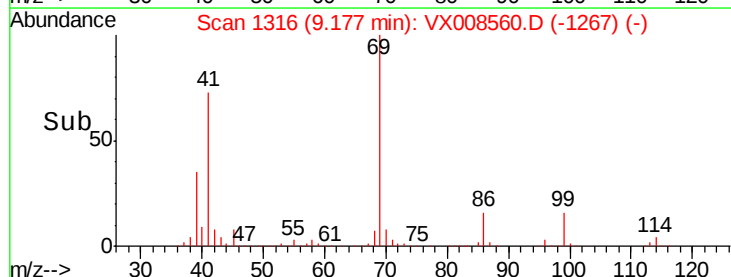
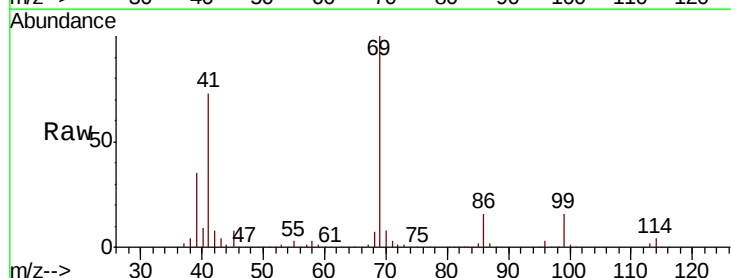
Manual Integrations
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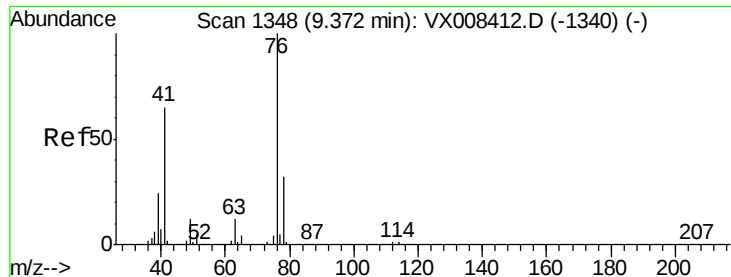
MMDadoda
 4/2/2019 9:19:30 AM



#56
 Ethyl methacrylate
 Concen: 56.775 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Tgt Ion:	69	Resp:	245556
Ion	Ratio	Lower	Upper
69	100		
41	73.6	59.5	89.3
39	35.7	29.3	43.9





#57

1,3-Dichloropropane

Concen: 53.891 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 231510

Ion Ratio Lower Upper

76 100

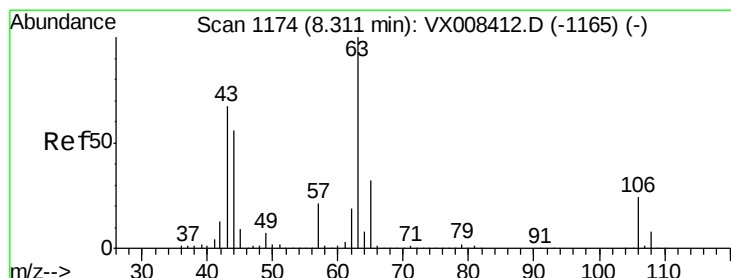
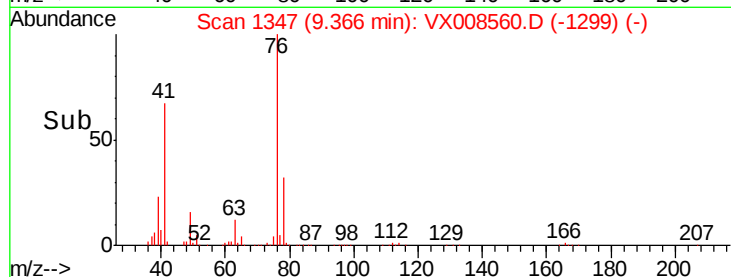
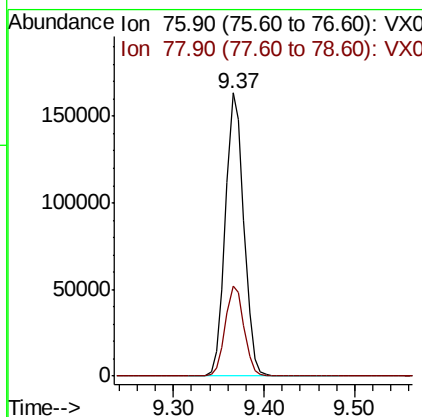
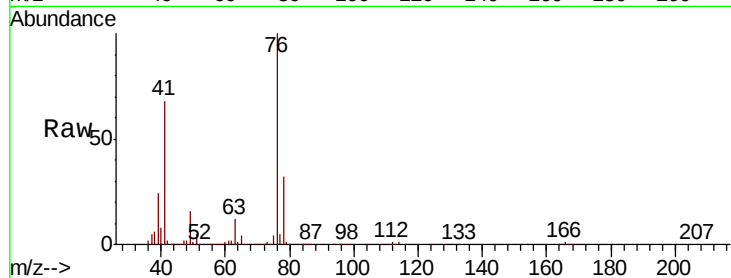
78 32.4 25.8 38.8

Manual Integrations

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MMDadoda

4/2/2019 9:19:30 AM



#58

2-Chloroethyl Vinyl ether

Concen: 353.238 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008560.D

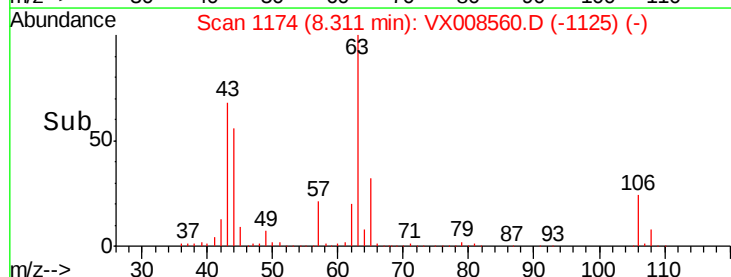
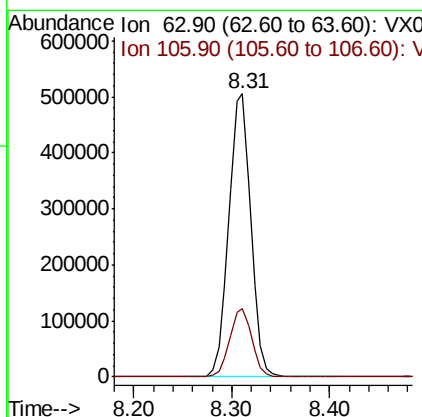
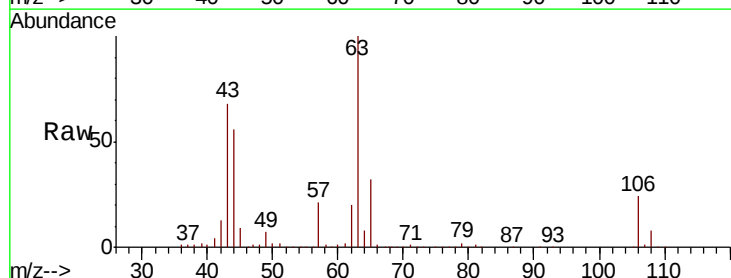
Acq: 01 Apr 2019 11:09

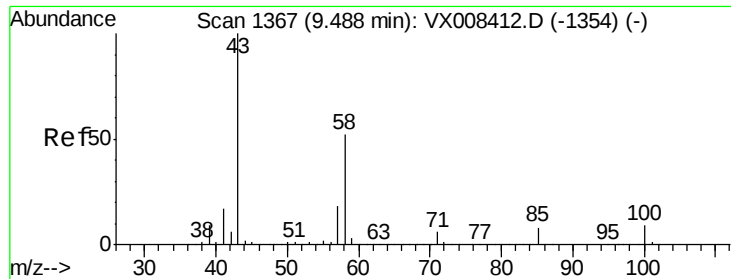
Tgt Ion: 63 Resp: 789734

Ion Ratio Lower Upper

63 100

106 24.1 19.0 28.6





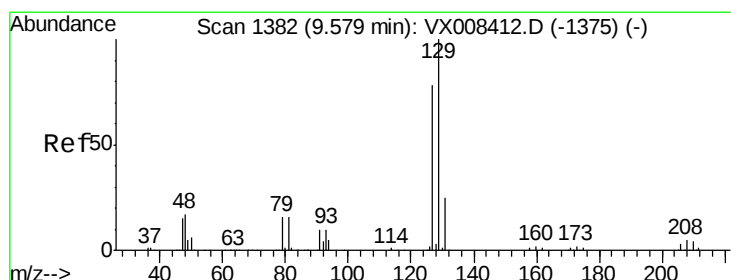
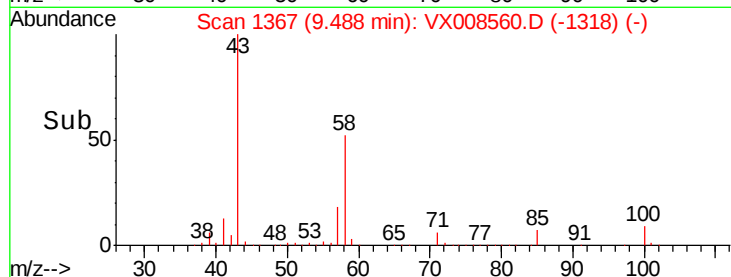
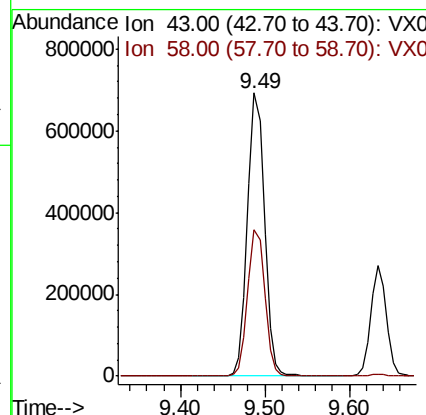
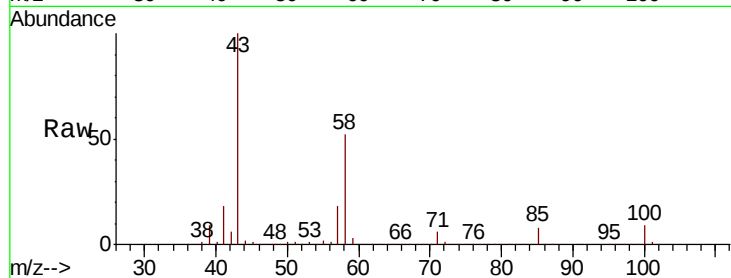
#59
2-Hexanone
Concen: 272.676 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 935044
Ion Ratio Lower Upper
43 100
58 52.3 26.3 78.9

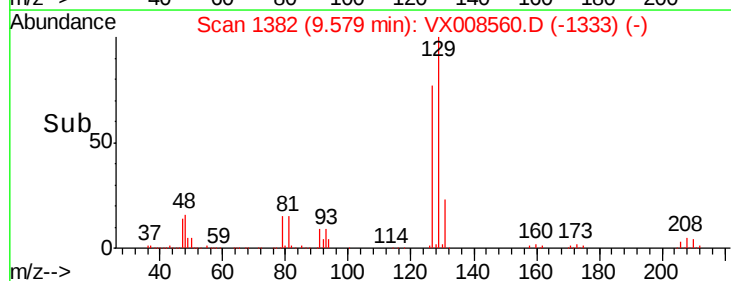
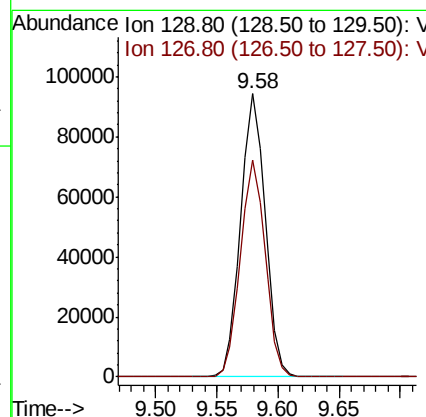
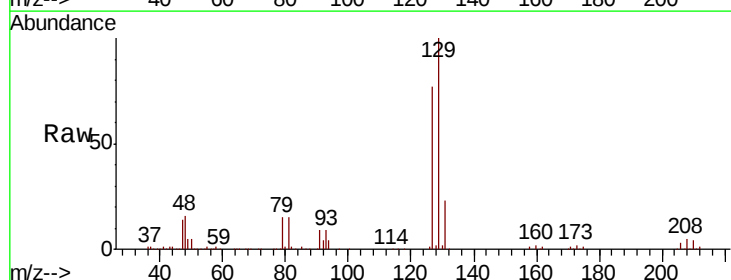
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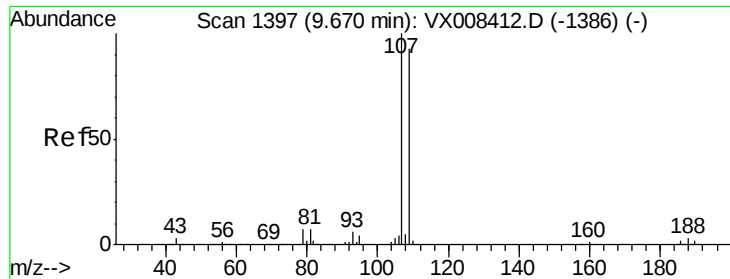
MMDadoda
4/2/2019 9:19:30 AM



#60
Dibromochloromethane
Concen: 57.722 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion: 129 Resp: 131529
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.3





#61

1,2-Dibromoethane

Concen: 54.790 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 133973

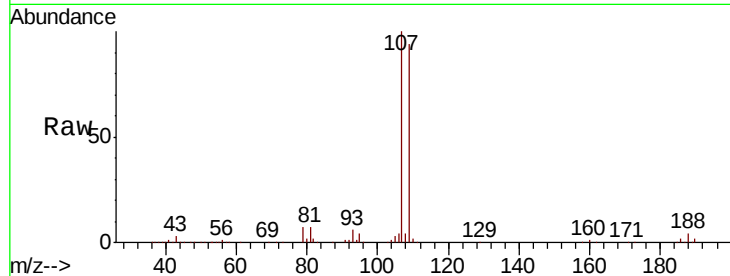
Ion Ratio Lower Upper

107 100

109 94.1 74.6 111.8

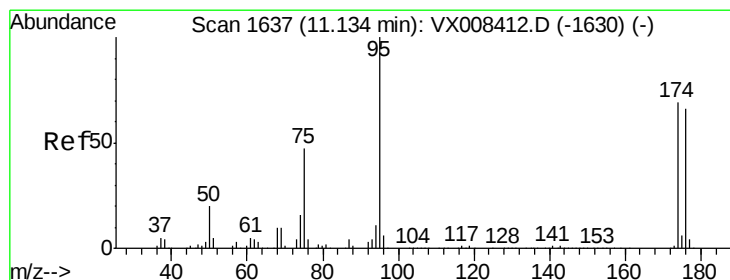
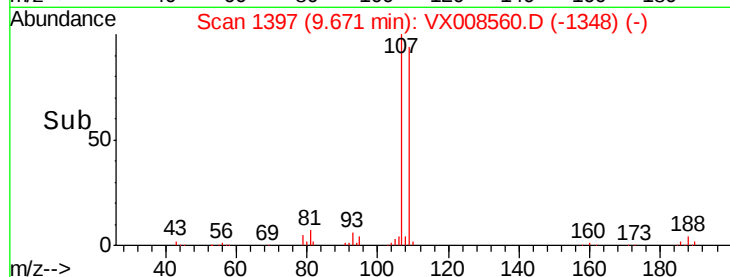
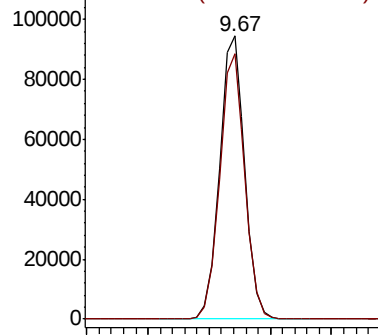
Manual Integrations
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4/2/2019 9:19:30 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.080 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

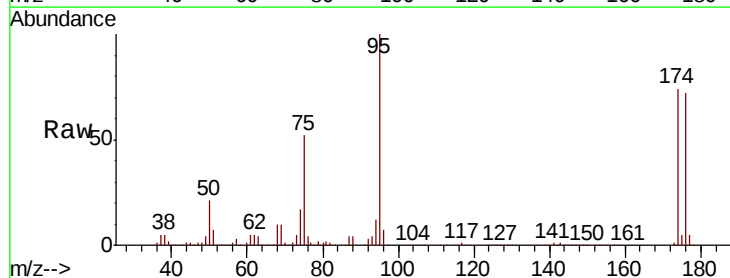
Tgt Ion: 95 Resp: 155179

Ion Ratio Lower Upper

95 100

174 76.0 0.0 147.2

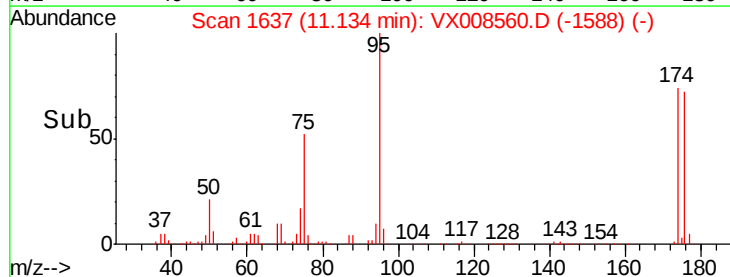
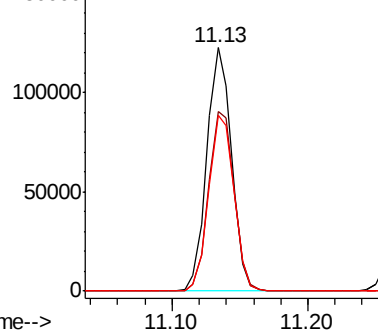
176 74.0 0.0 142.4

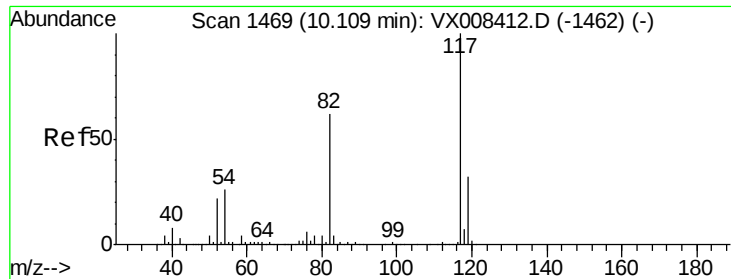


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





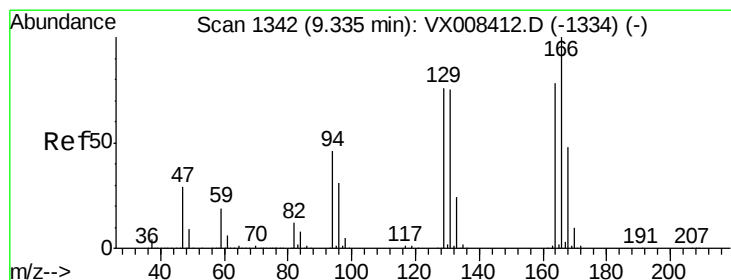
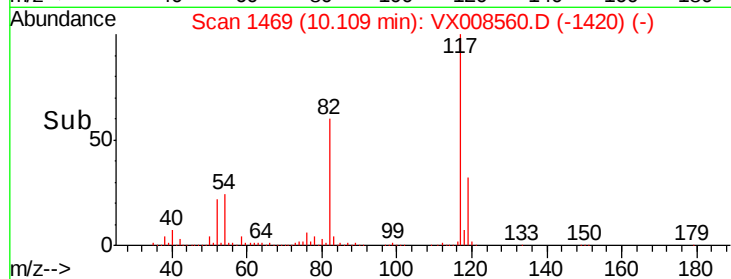
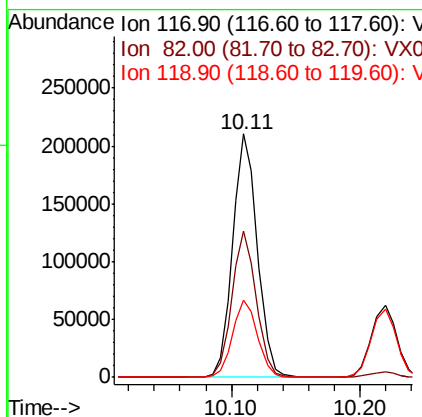
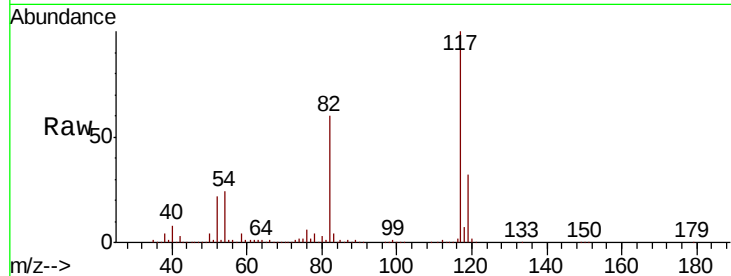
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	280456		
82	60.2		49.4	74.2
119	31.7		25.4	38.0

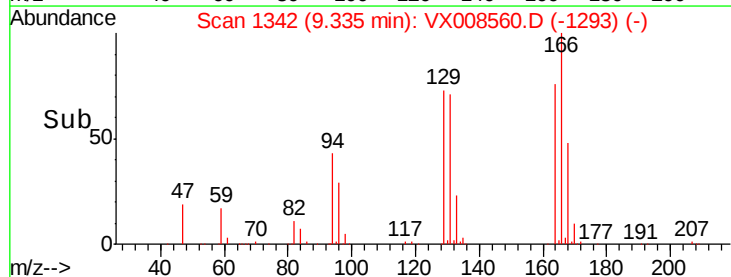
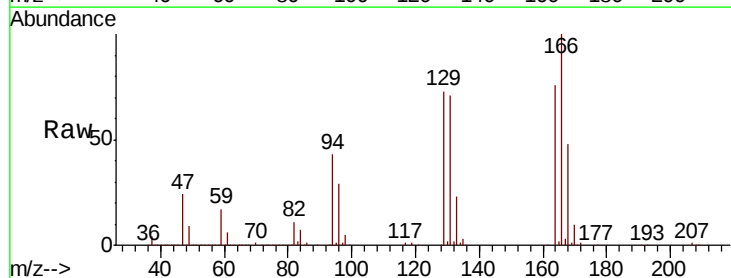
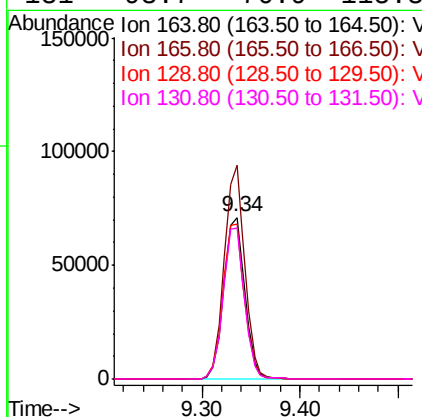
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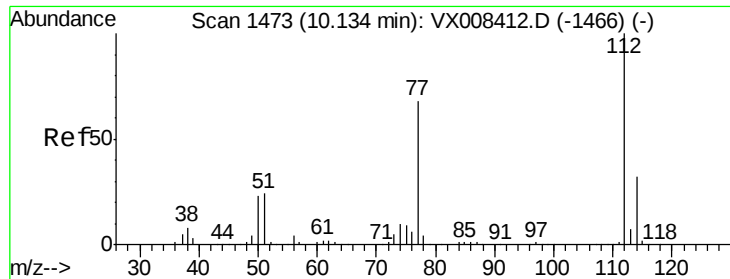
MMDadoda
4/2/2019 9:19:30 AM



#64
Tetrachloroethene
Concen: 56.220 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	106744		
166	132.3		102.5	153.7
129	96.3		77.8	116.8
131	93.7		76.9	115.3





#65

Chlorobenzene

Concen: 54.538 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 332630

Ion Ratio Lower Upper

112 100

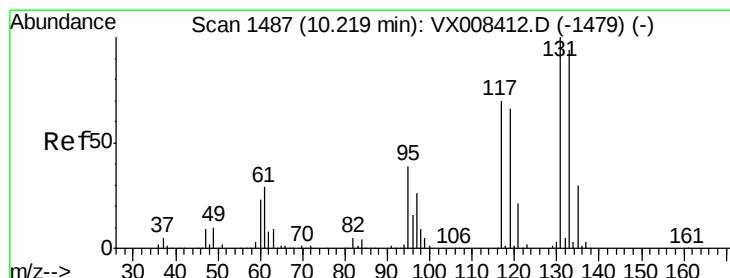
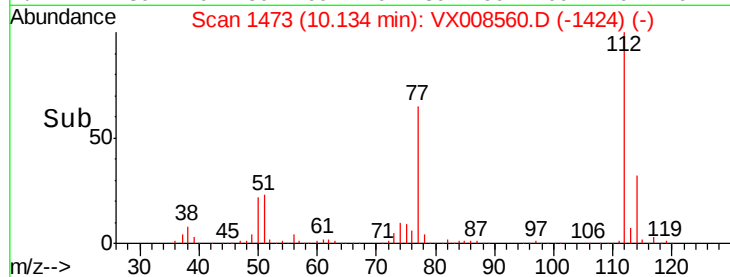
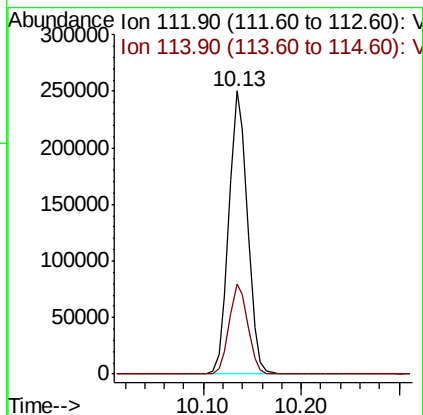
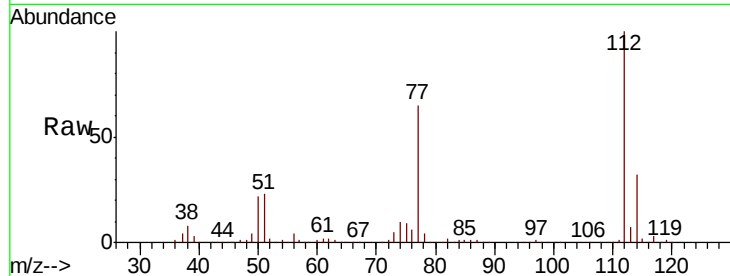
114 32.0 25.4 38.2

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 56.597 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

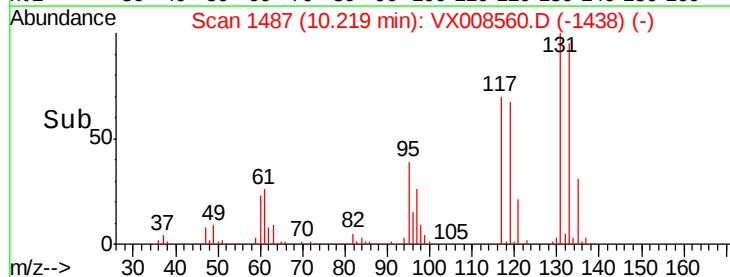
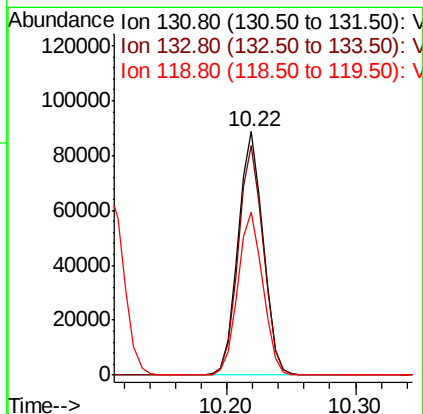
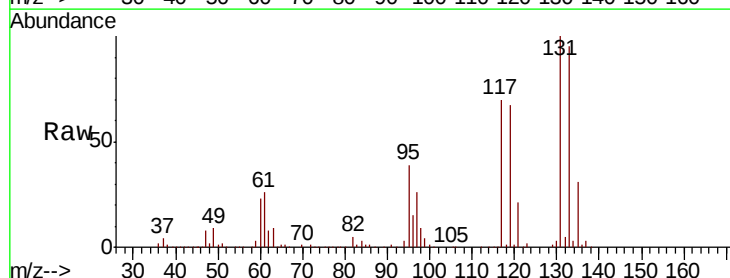
Tgt Ion:131 Resp: 119094

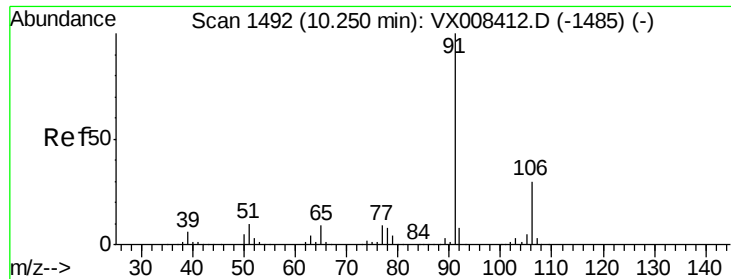
Ion Ratio Lower Upper

131 100

133 94.8 47.3 141.8

119 67.5 33.6 100.6





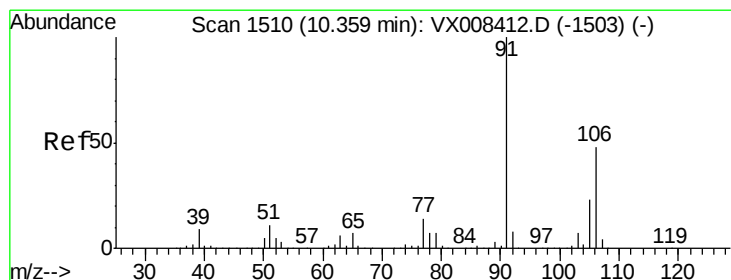
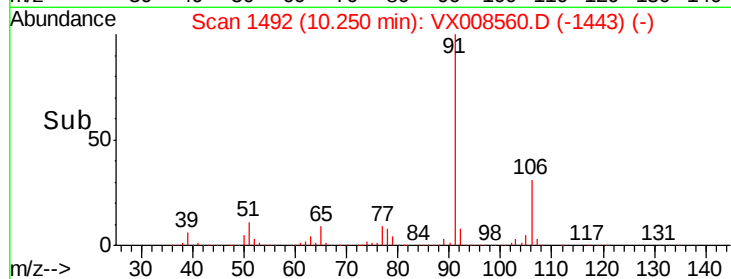
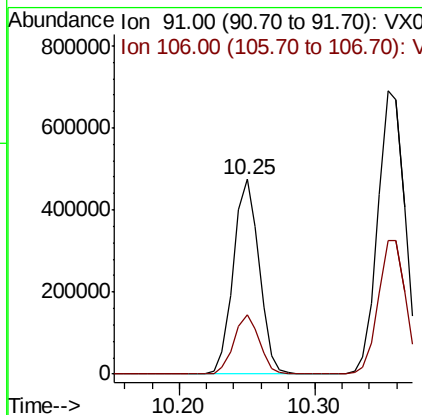
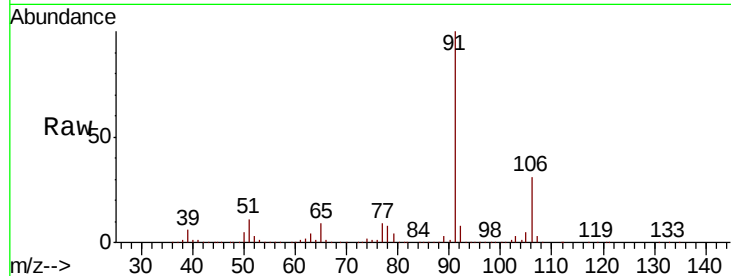
#67
Ethyl Benzene
Concen: 54.407 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 626266
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0

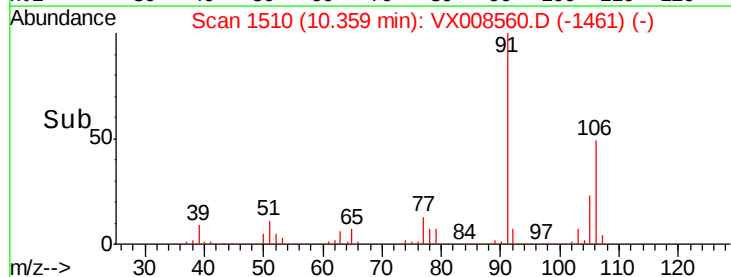
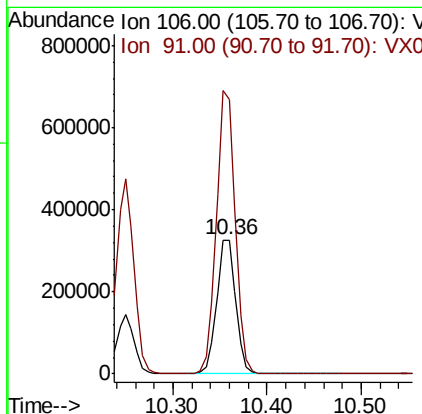
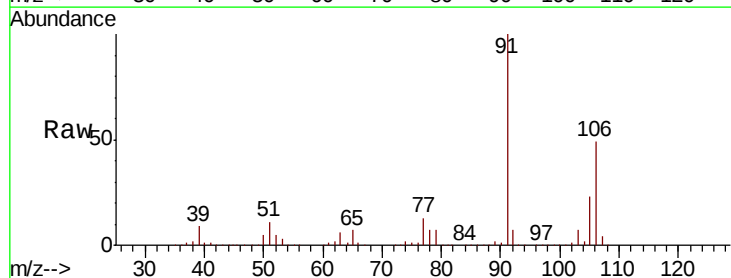
Manual Integrations
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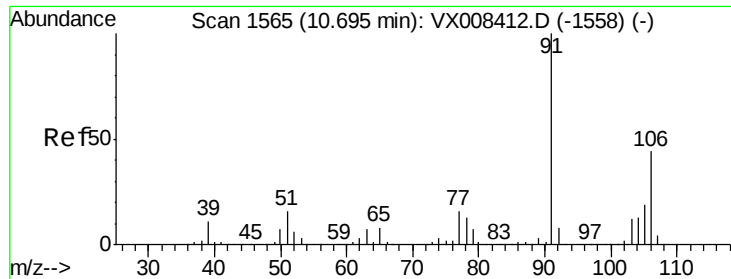
MMDadoda
4/2/2019 9:19:30 AM



#68
m/p-Xylenes
Concen: 108.855 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion: 106 Resp: 455834
Ion Ratio Lower Upper
106 100
91 209.9 168.6 253.0





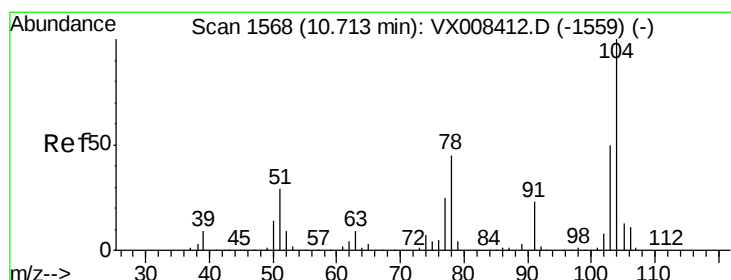
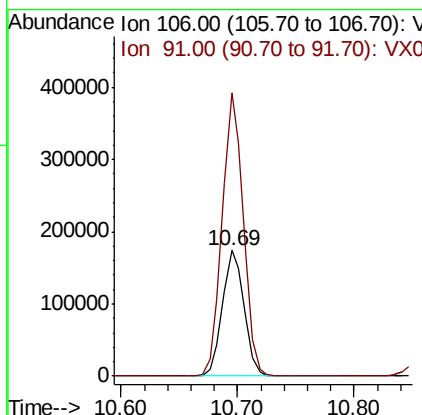
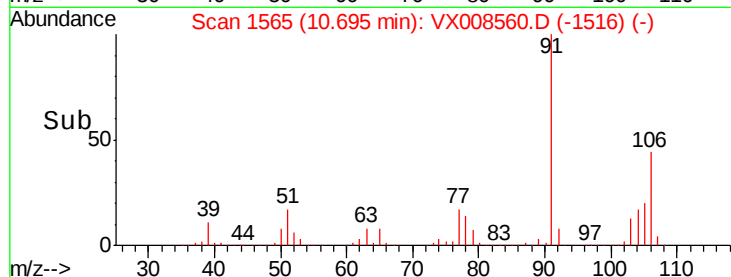
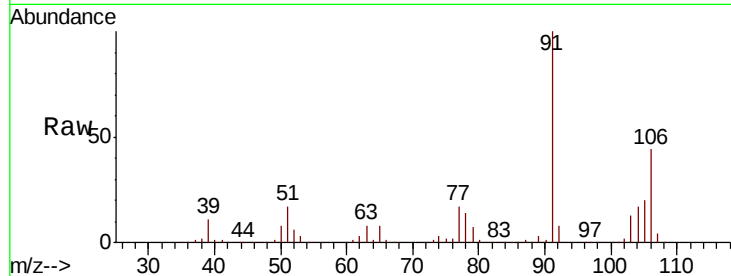
#69
o-Xylene
Concen: 54.681 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 222208
Ion Ratio Lower Upper
106 100
91 221.1 111.4 334.2

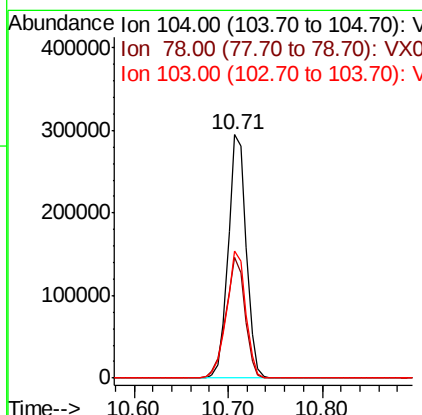
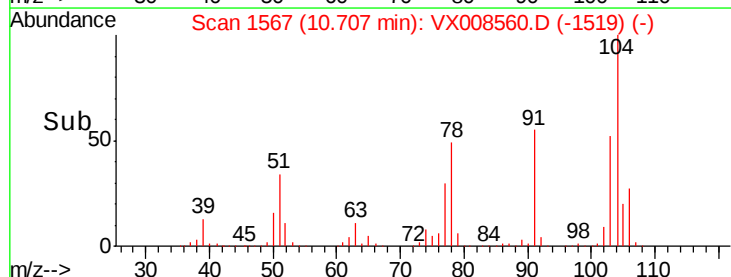
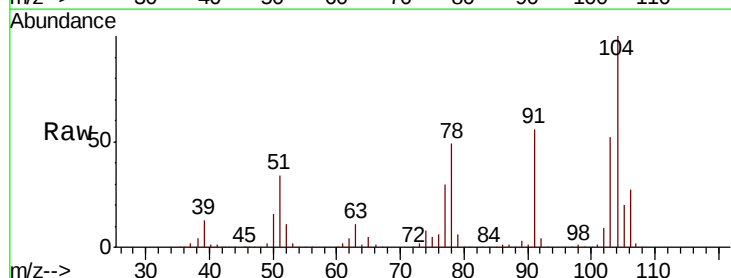
Manual Integrations
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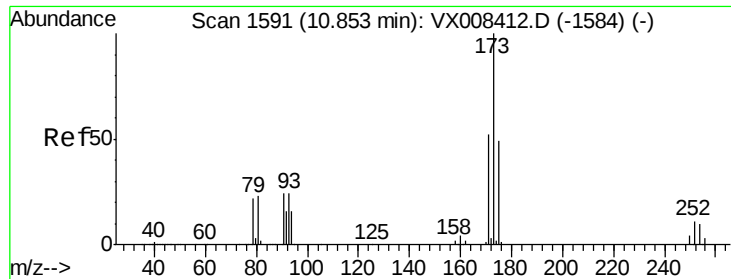
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#70
Styrene
Concen: 55.689 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion:104 Resp: 390908
Ion Ratio Lower Upper
104 100
78 52.9 42.5 63.7
103 55.5 44.2 66.4





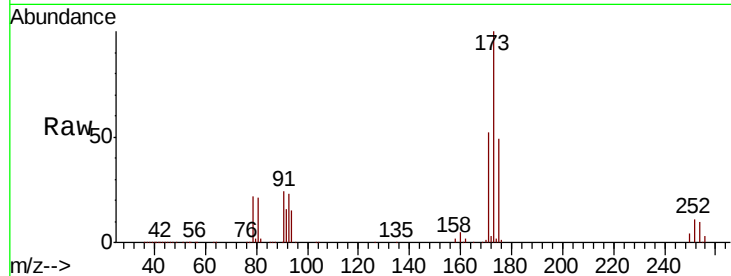
#71
Bromoform
Concen: 58.229 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.3	72.8
254	0.2	0.2	0.2

Manual Integrations
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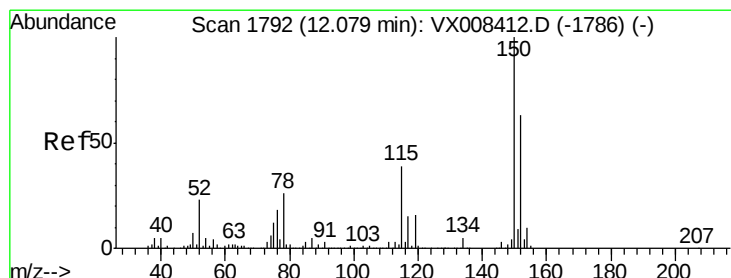
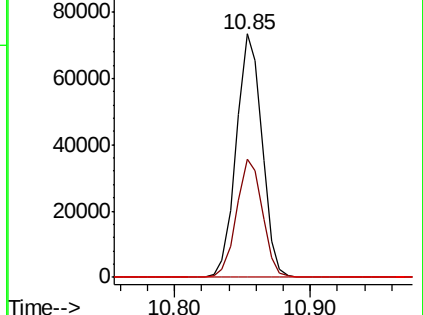
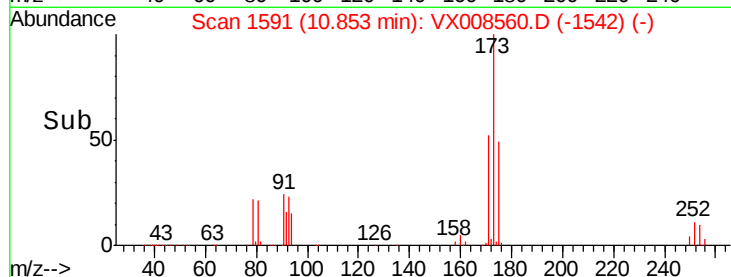


Abundance

Ion 172.70 (172.40 to 173.40): V

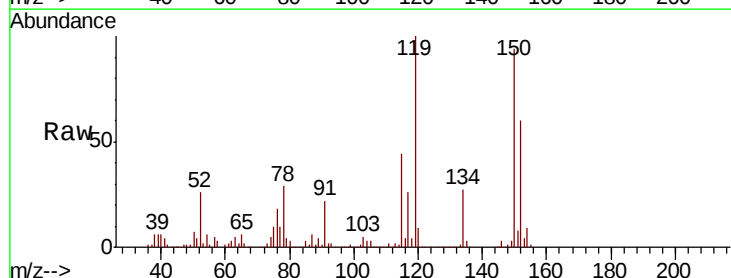
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	91.0	43.5	130.5
150	177.1	0.0	348.8

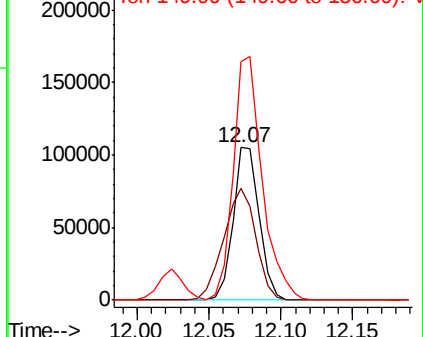
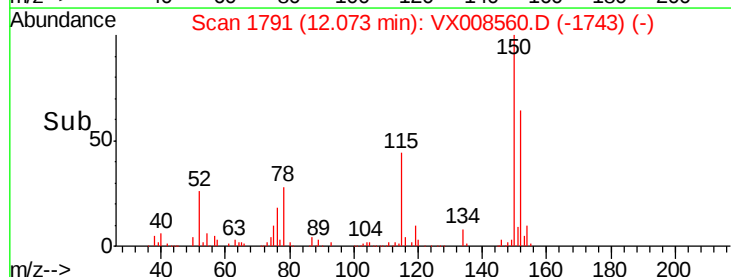


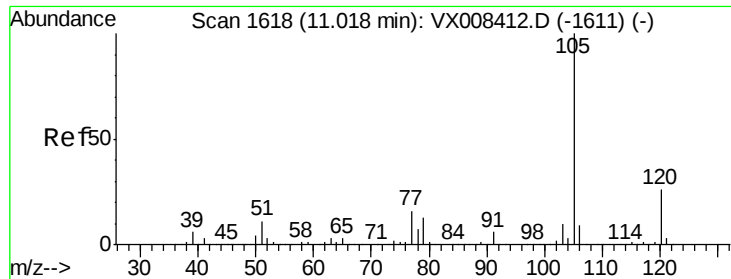
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.263 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 597368

Ion Ratio Lower Upper

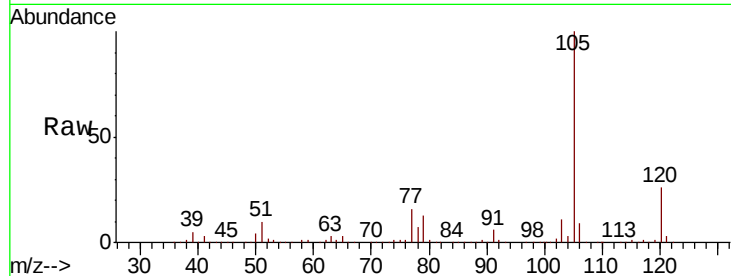
105 100

120 25.7 12.9 38.7

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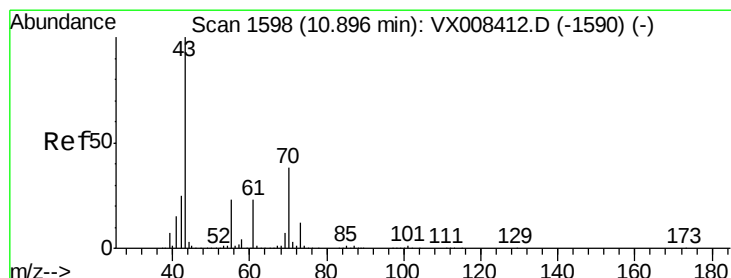
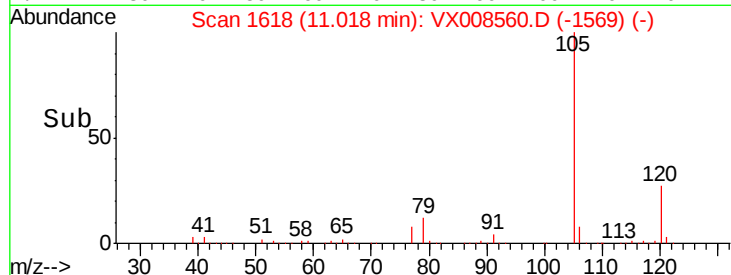
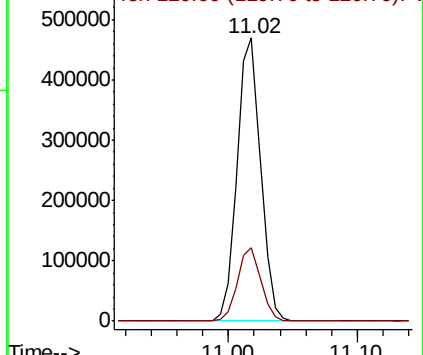
MMDadoda

4/2/2019 9:19:30 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.989 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Tgt Ion: 43 Resp: 337794

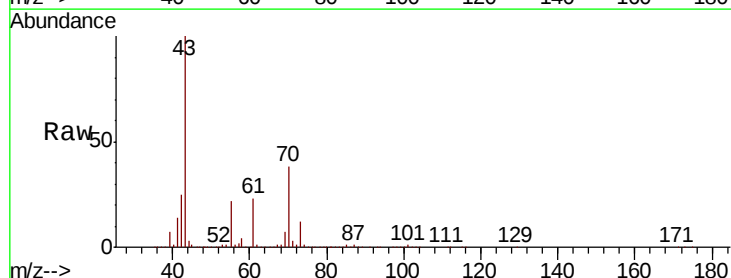
Ion Ratio Lower Upper

43 100

70 38.0 30.5 45.7

55 22.6 18.2 27.2

61 23.0 18.4 27.6

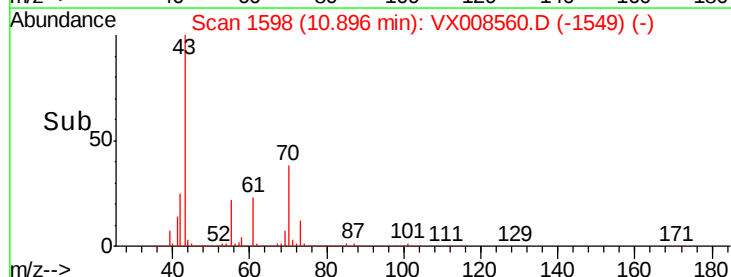
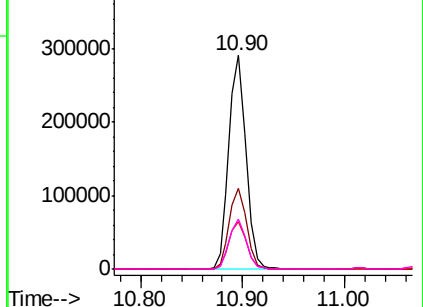


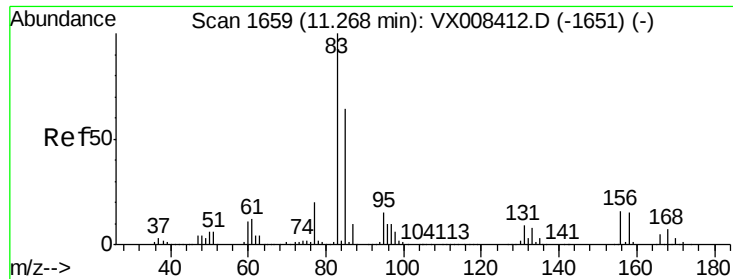
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.975 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

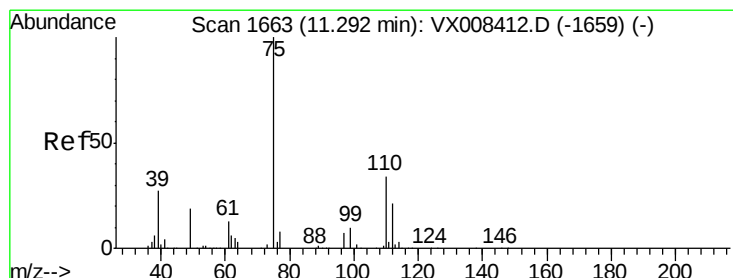
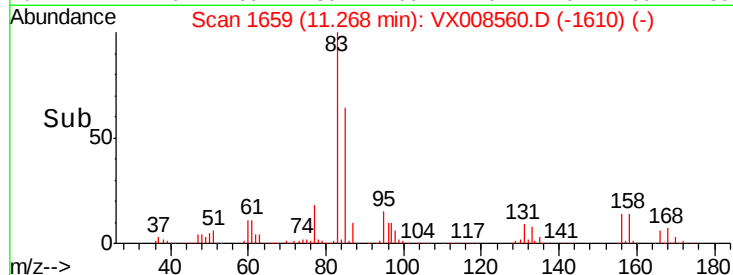
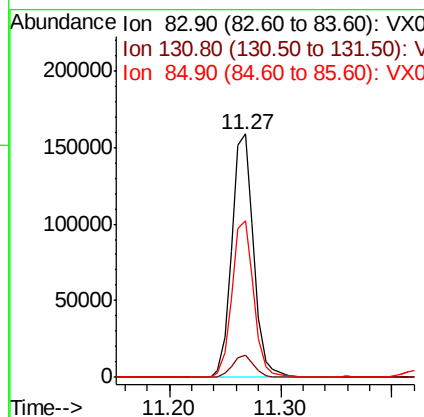
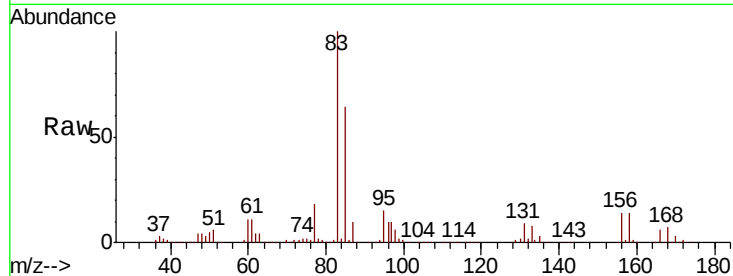
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	213795
Ion Ratio	Lower	Upper	
83	100		
131	8.9	4.5	13.4
85	64.4	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.306 ug/l m

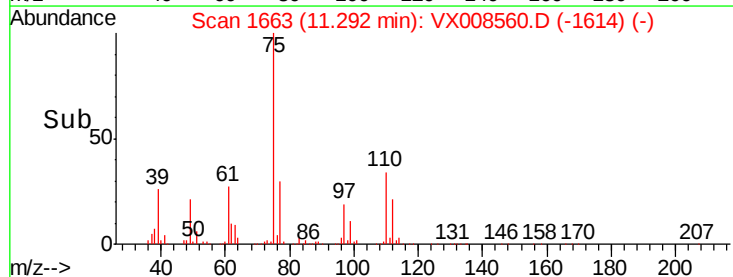
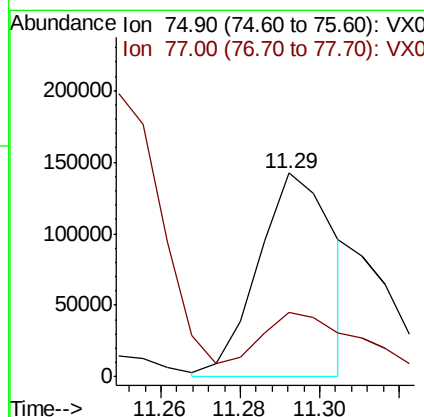
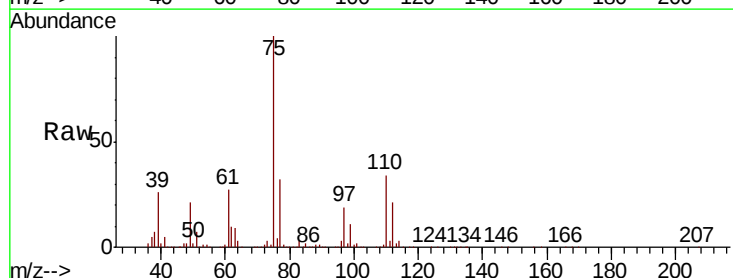
RT: 11.29 min Scan# 1663

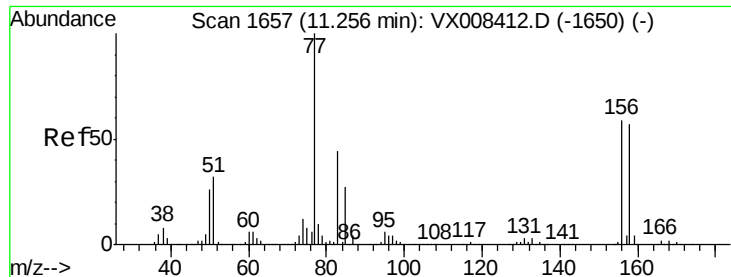
Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Tgt Ion:	75	Resp:	186864
Ion Ratio	Lower	Upper	
75	100		
77	43.5	21.9	65.7





#77

Bromobenzene

Concen: 53.566 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

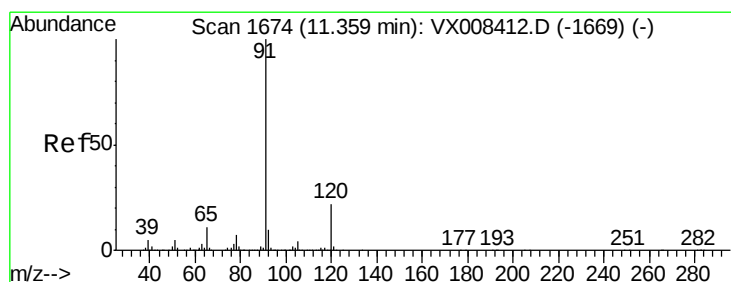
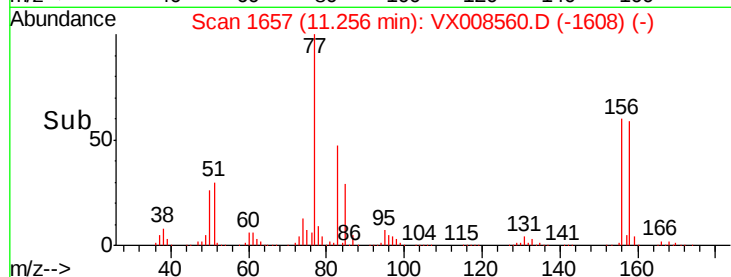
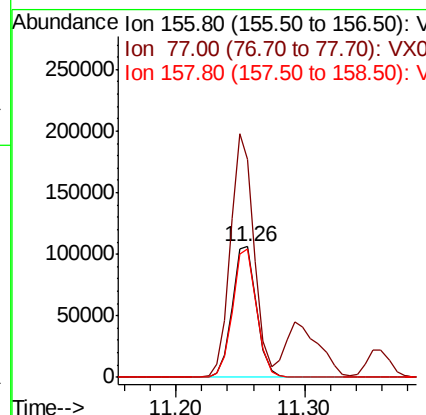
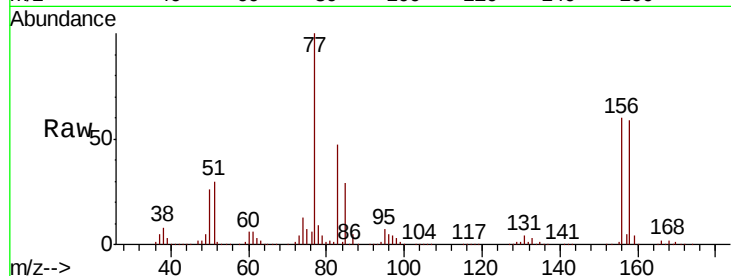
ClientSampled :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	180.6	91.1	273.3		
158	96.6	48.3	144.8		

Manual Integrations
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MMDadoda
4/2/2019 9:19:30 AM



#78

n-propylbenzene

Concen: 55.956 ug/l

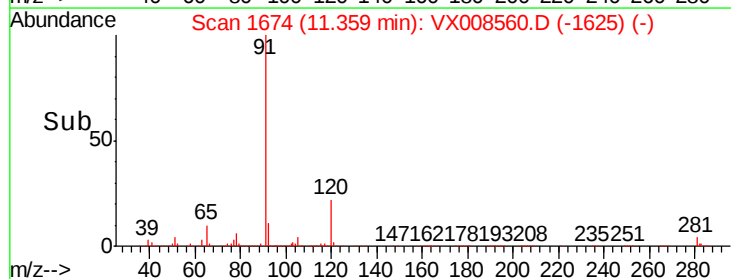
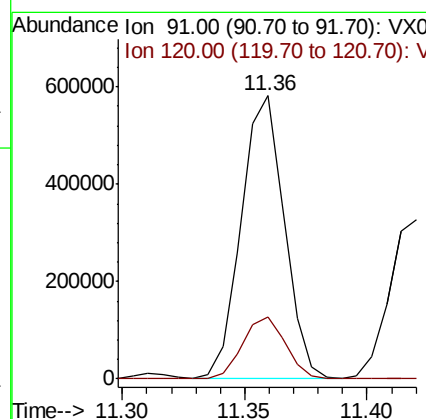
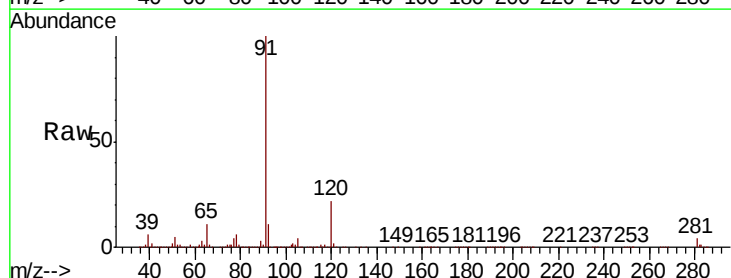
RT: 11.36 min Scan# 1674

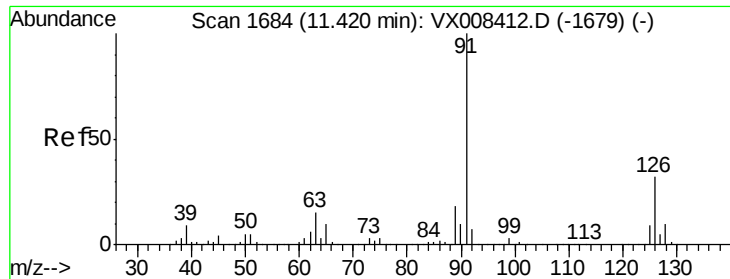
Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	21.9	10.8	32.4		





#79

2-Chlorotoluene

Concen: 54.084 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 416549

Ion Ratio Lower Upper

91 100

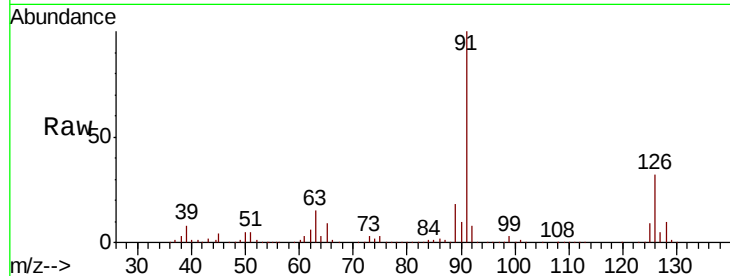
126 31.7 15.7 47.1

Manual Integrations

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4/2/2019 9:19:30 AM



Abundance Ion 91.00 (90.70 to 91.70): VX008412.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008412.D (-1679) (-)

600000

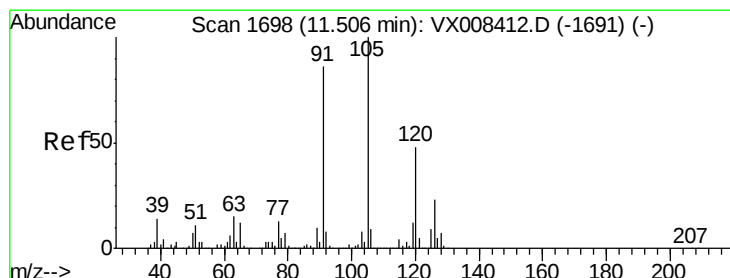
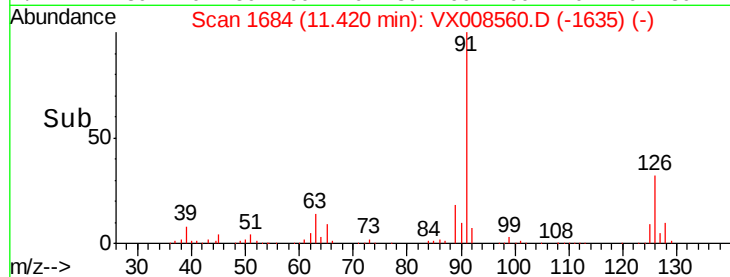
400000

200000

0

11.40 11.42 11.44

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 55.235 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008560.D

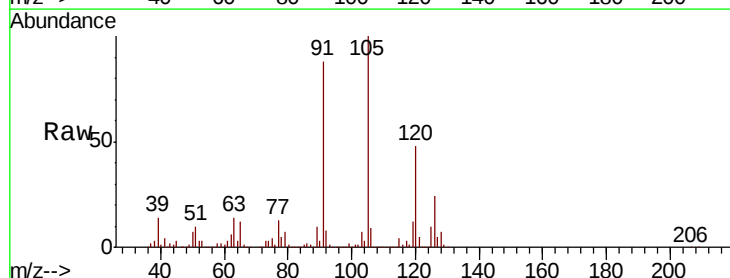
Acq: 01 Apr 2019 11:09

Tgt Ion:105 Resp: 504778

Ion Ratio Lower Upper

105 100

120 47.6 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): VX008412.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX008412.D (-1691) (-)

500000

400000

300000

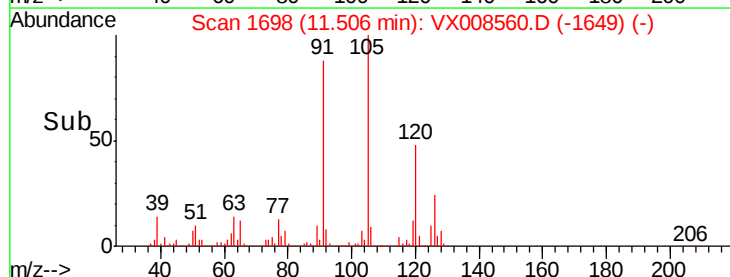
200000

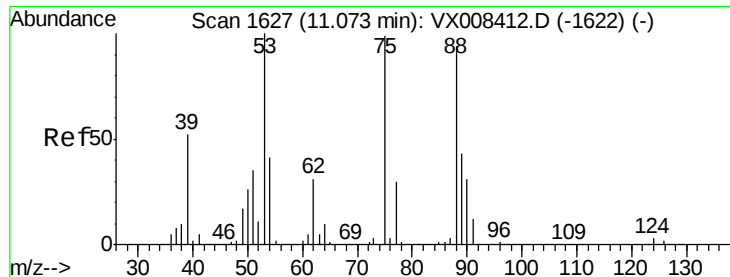
100000

0

11.50 11.51 11.52

Time-->





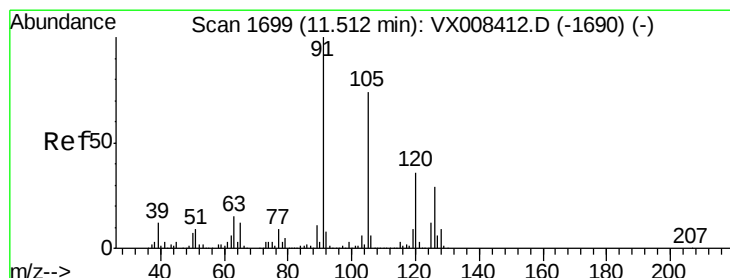
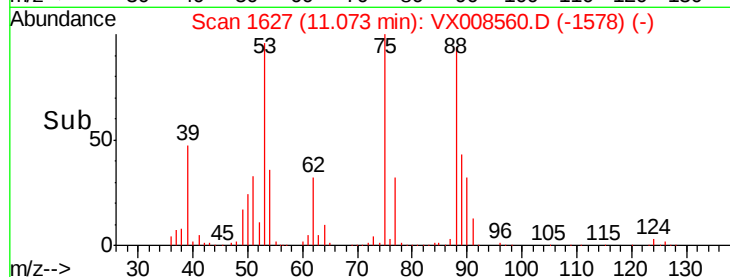
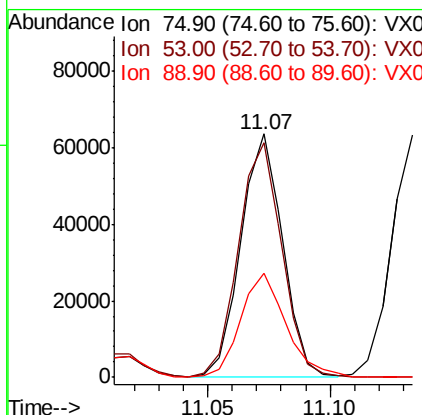
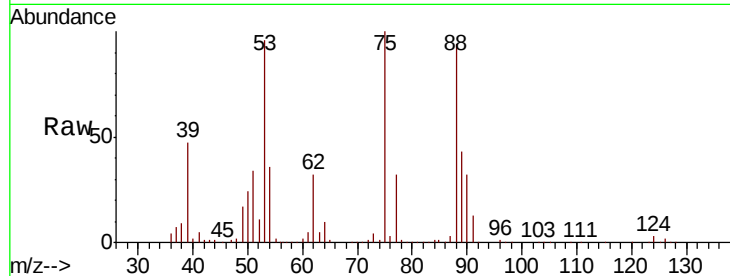
#81
trans-1,4-Dichloro-2-butene
Concen: 61.230 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.8	82.1	123.1
89	46.9	34.6	52.0

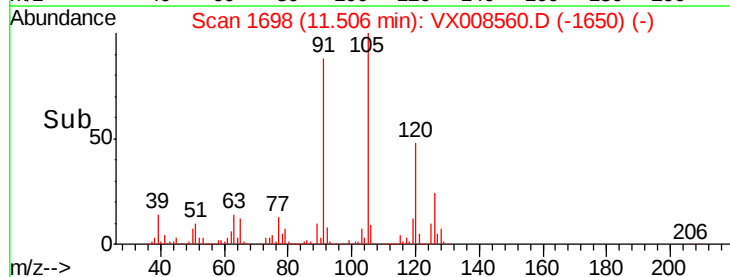
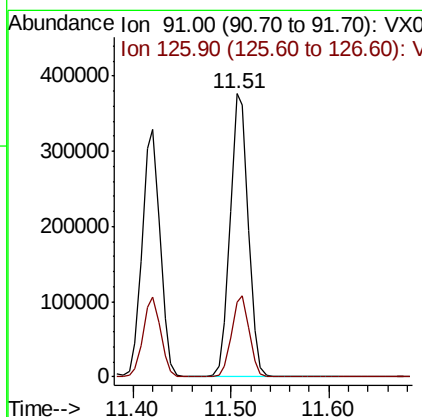
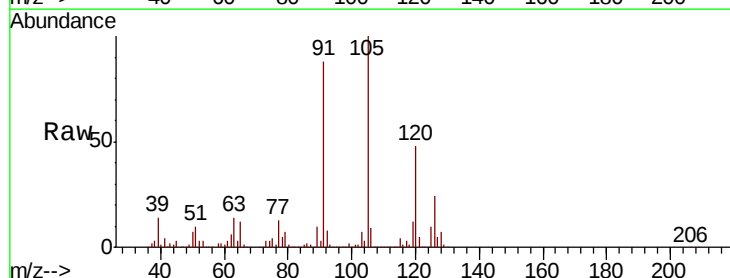
Manual Integrations
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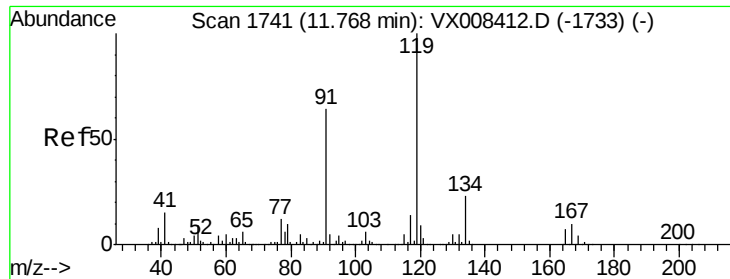
MMDadoda
4/2/2019 9:19:30 AM



#82
4-Chlorotoluene
Concen: 54.401 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.1	13.9	41.7





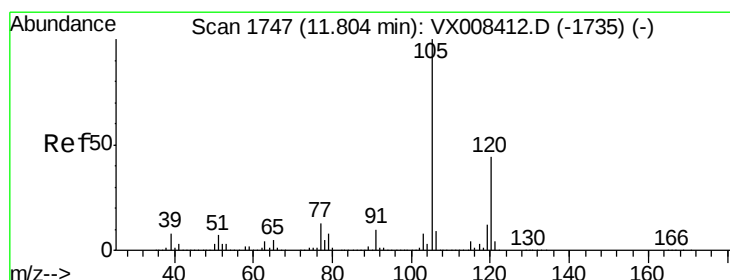
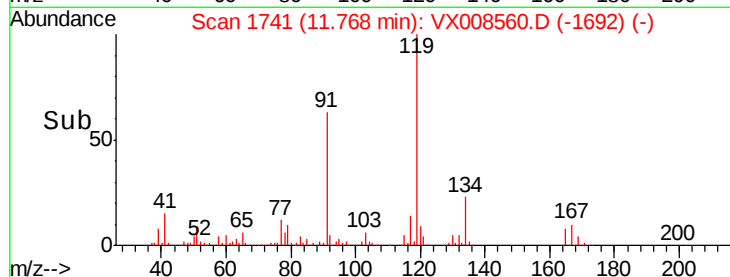
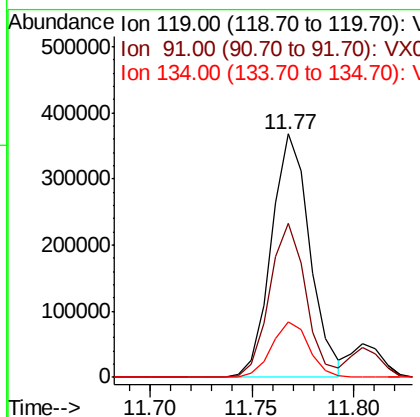
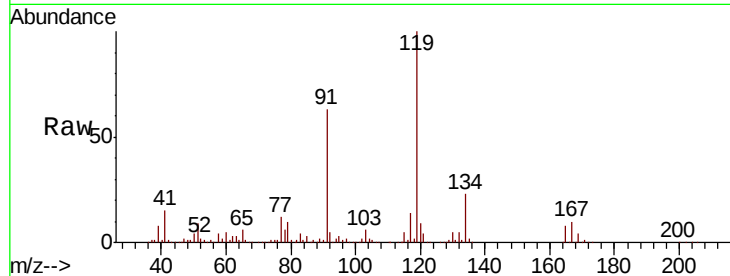
#83
tert-Butylbenzene
Concen: 54.874 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	483828		
91	60.2	30.1	90.3	
134	22.2	10.9	32.9	

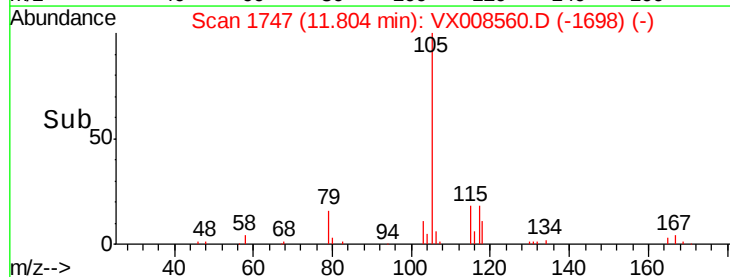
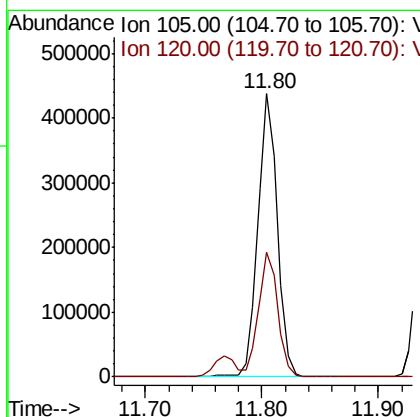
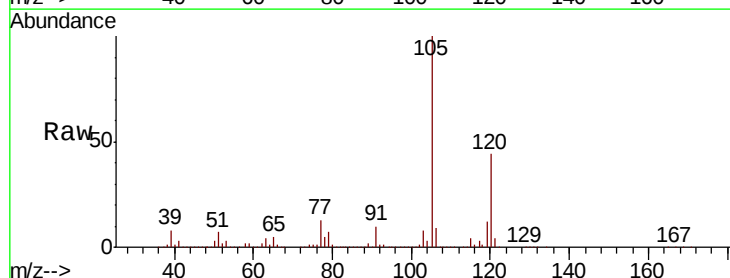
Manual Integrations
APPROVED

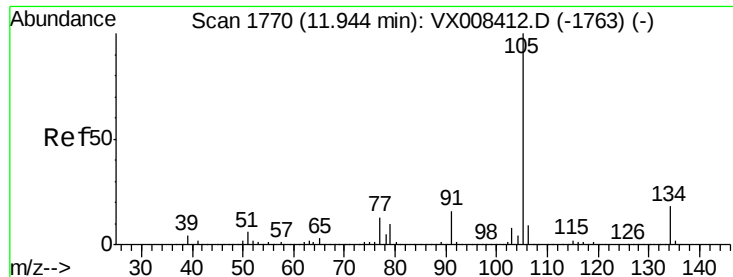
MMDadoda
4/2/2019 9:19:30 AM



#84
1,2,4-Trimethylbenzene
Concen: 55.031 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	508667		
120	43.2	21.6	65.0	





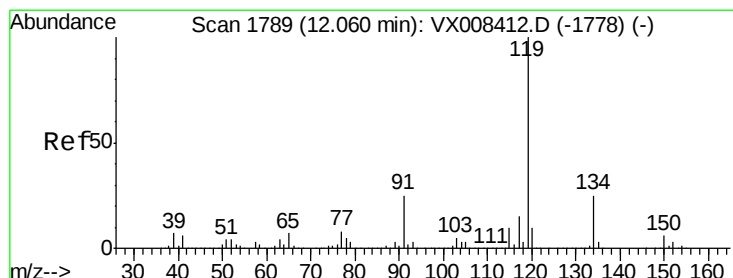
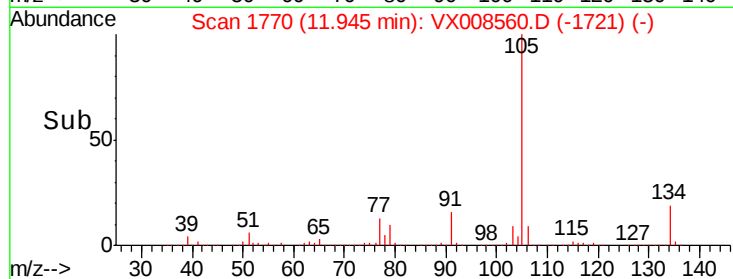
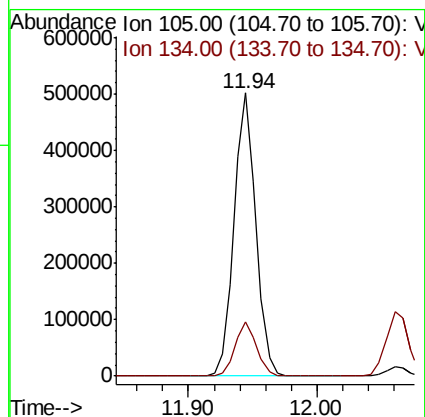
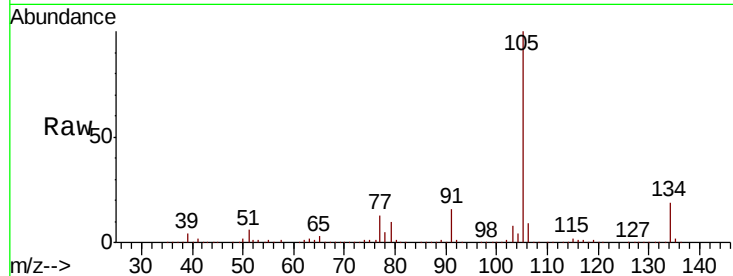
#85
 sec-Butylbenzene
 Concen: 56.352 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.3	28.0

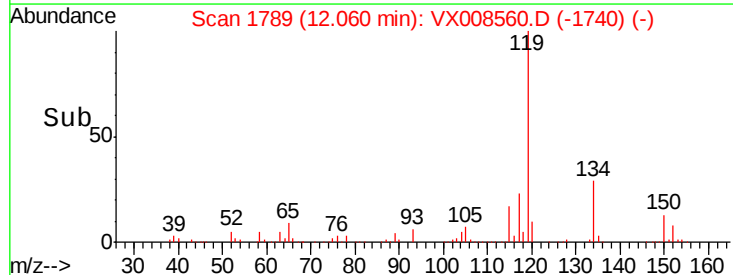
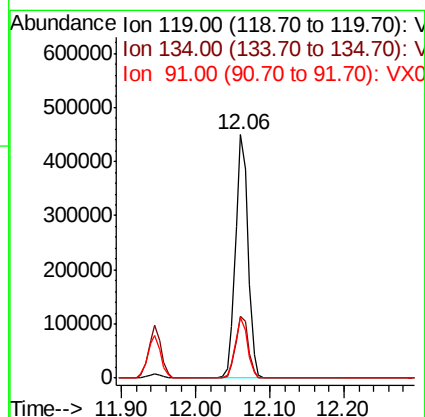
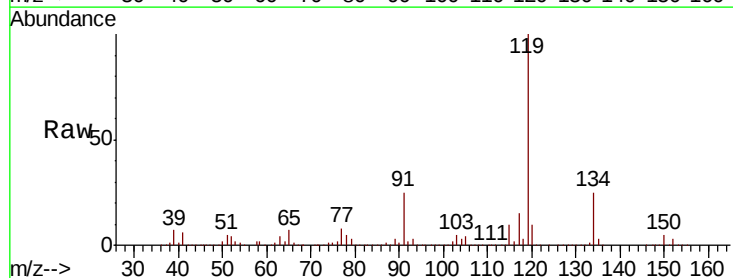
Manual Integrations
 APPROVED

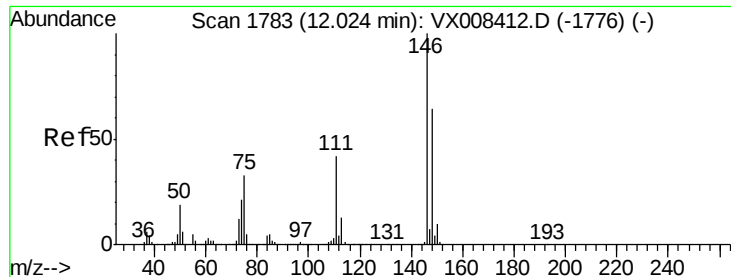
MMDadoda
 4/2/2019 9:19:30 AM



#86
 p-Isopropyltoluene
 Concen: 57.610 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.8	38.4
91	24.3	12.4	37.0





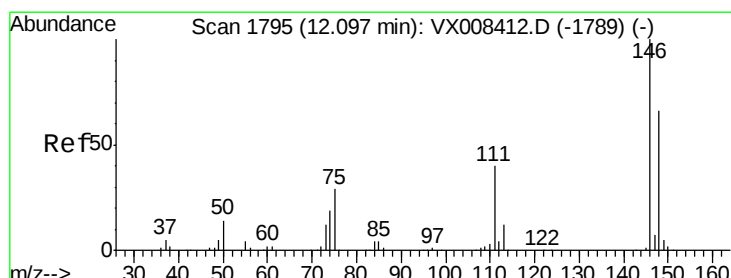
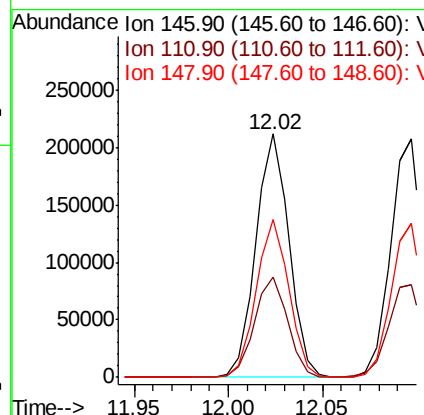
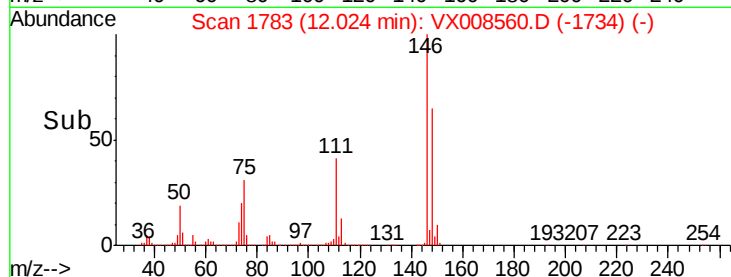
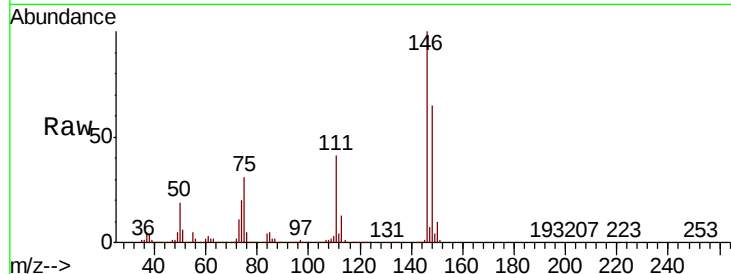
#87
 1,3-Dichlorobenzene
 Concen: 54.820 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.8	62.5
148	64.1	32.0	96.0

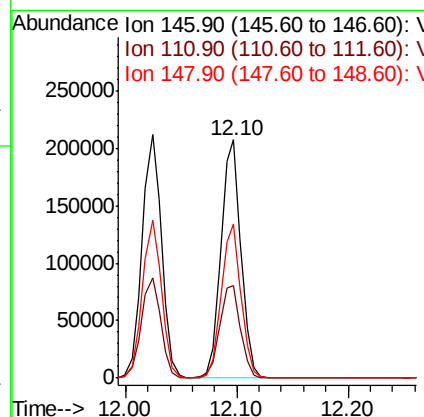
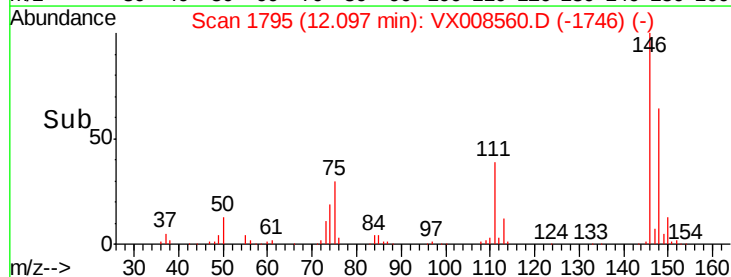
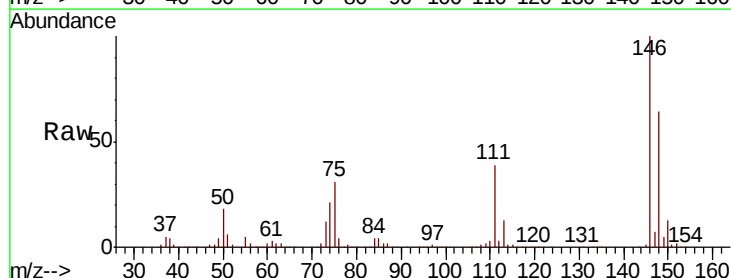
Manual Integrations
 APPROVED

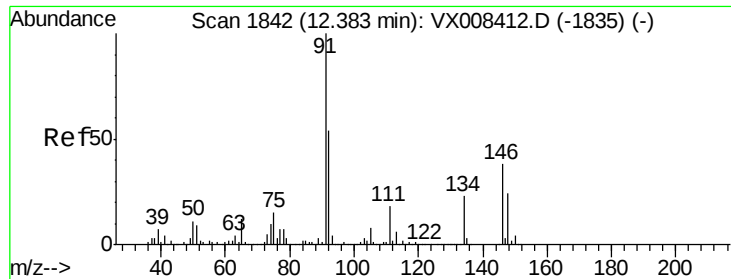
MMDadoda
 4/2/2019 9:19:30 AM



#88
 1,4-Dichlorobenzene
 Concen: 53.795 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	61.0
148	64.2	32.1	96.5





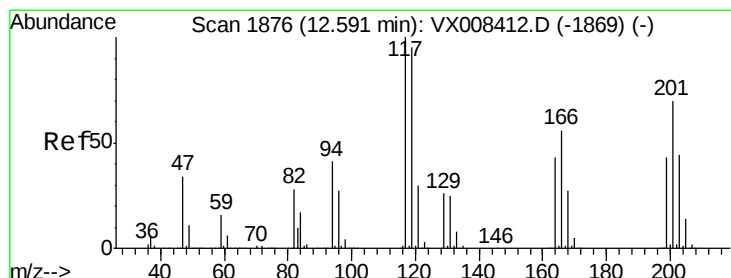
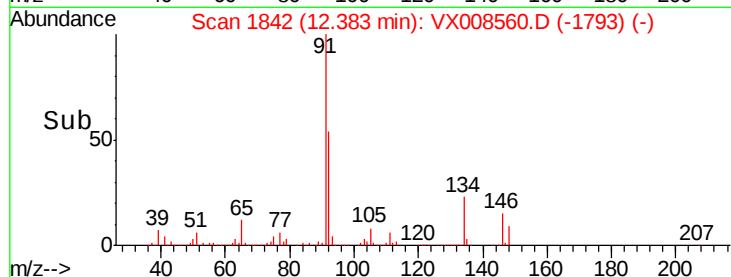
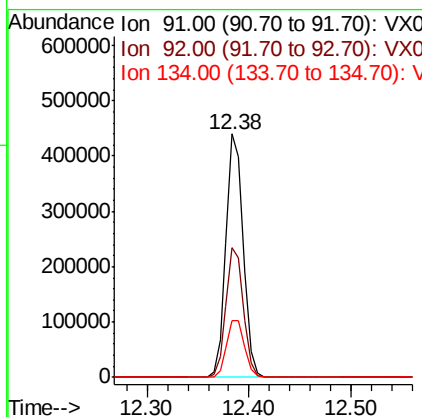
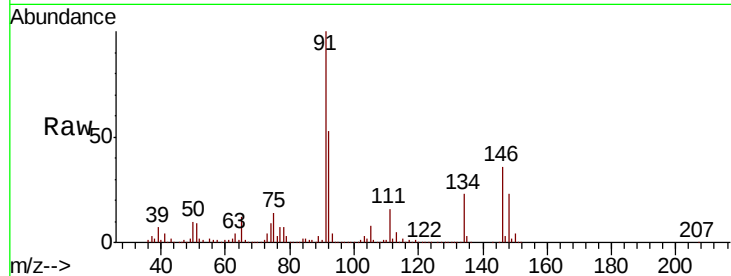
#89
n-Butylbenzene
Concen: 58.874 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.5	26.5	79.5	
134	24.2	11.8	35.4	

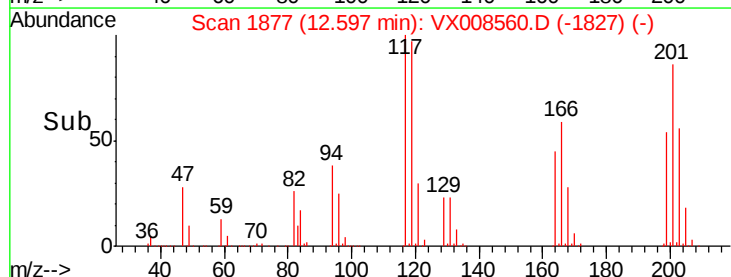
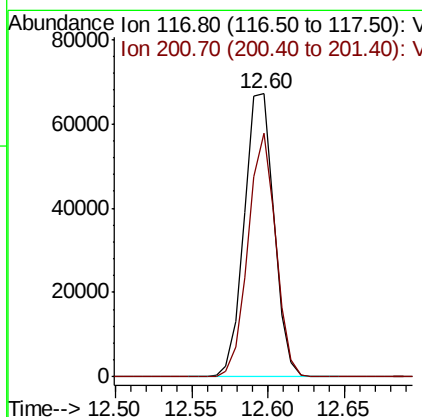
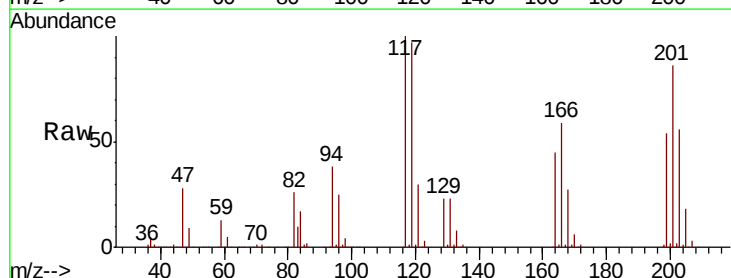
Manual Integrations
APPROVED

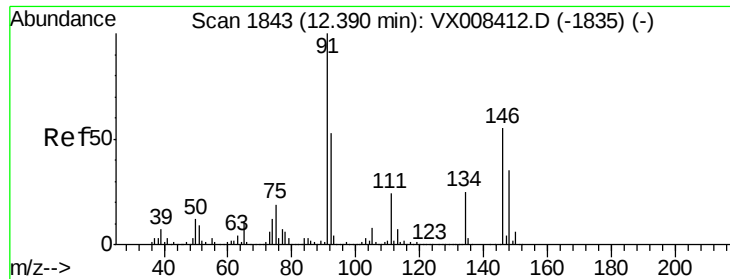
MMDadoda
4/2/2019 9:19:30 AM



#90
Hexachloroethane
Concen: 58.869 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	79.9	39.4	118.1	





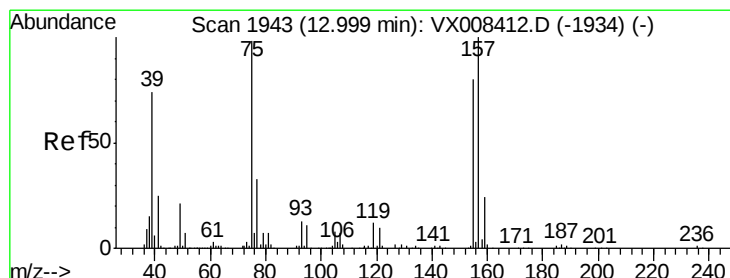
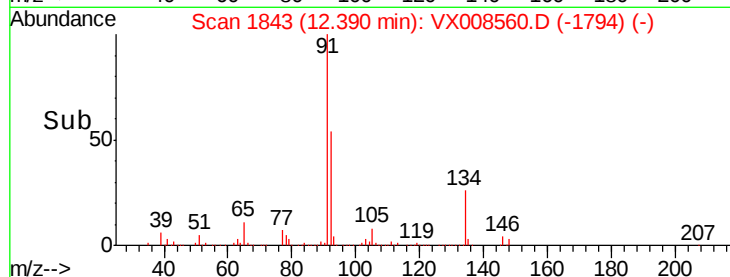
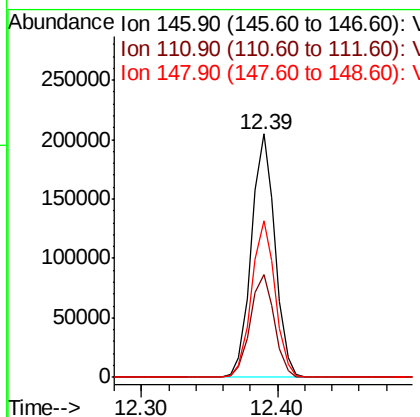
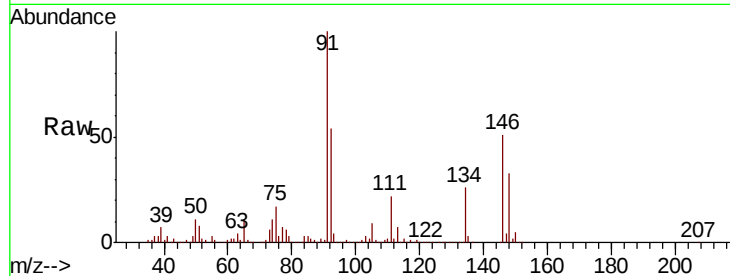
#91
 1,2-Dichlorobenzene
 Concen: 53.252 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	249967		
111	42.9		21.6	64.6
148	64.5		31.9	95.7

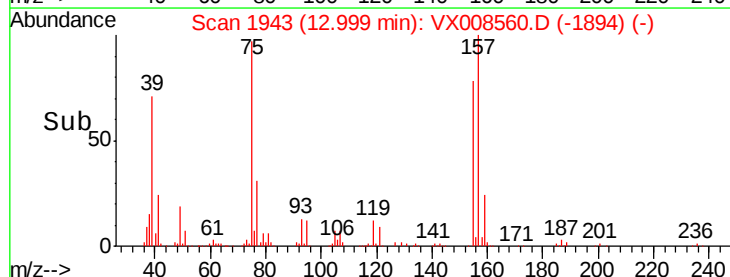
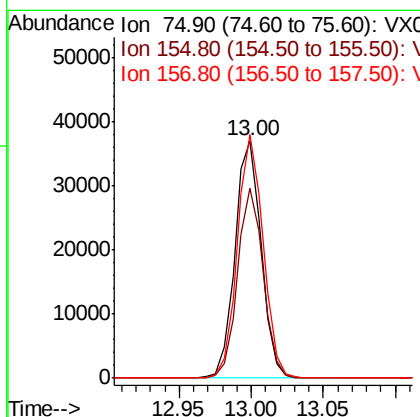
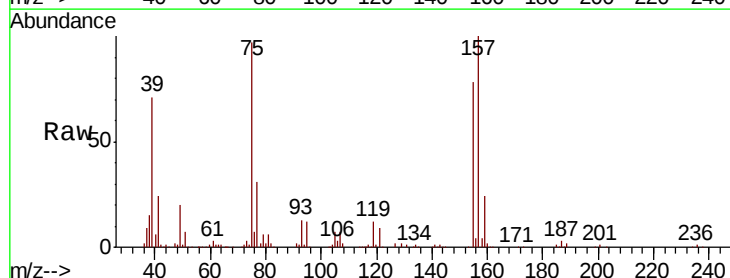
Manual Integrations
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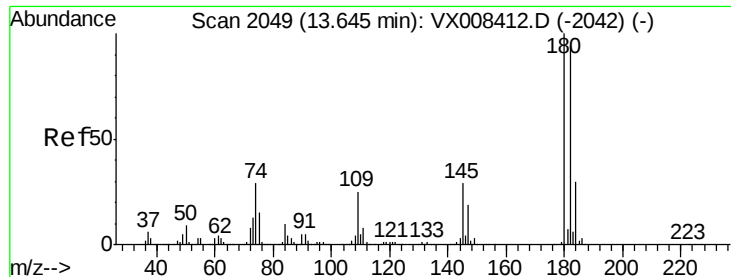
MMDadoda
 4/2/2019 9:19:30 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.470 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	47069		
155	77.9		39.5	118.5
157	100.3		49.9	149.7





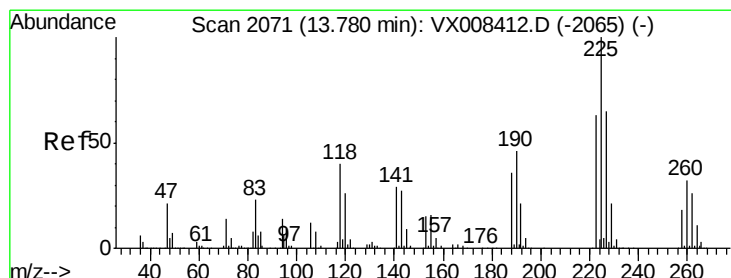
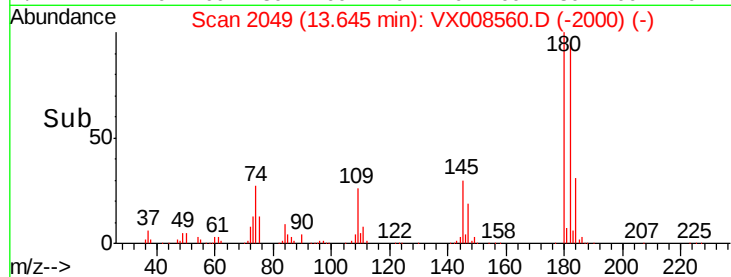
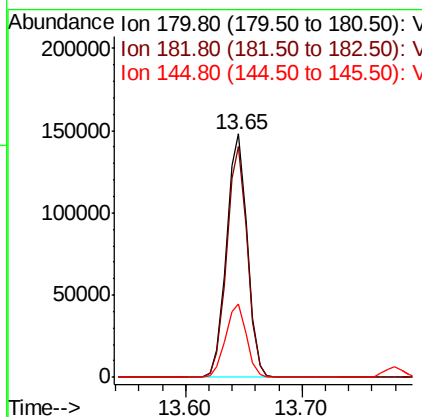
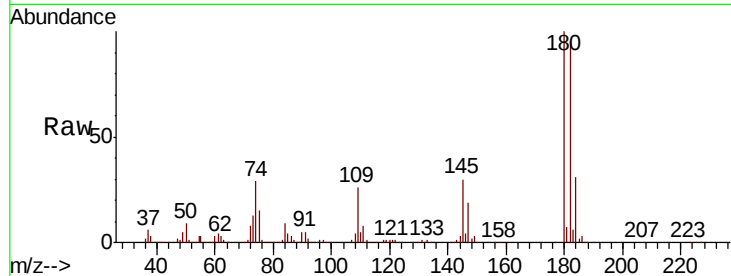
#93
 1,2,4-Trichlorobenzene
 Concen: 57.662 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	182232		
182	94.2	47.3	142.0	
145	30.2	15.3	45.8	

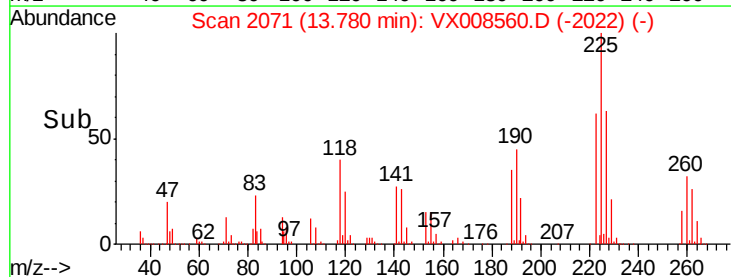
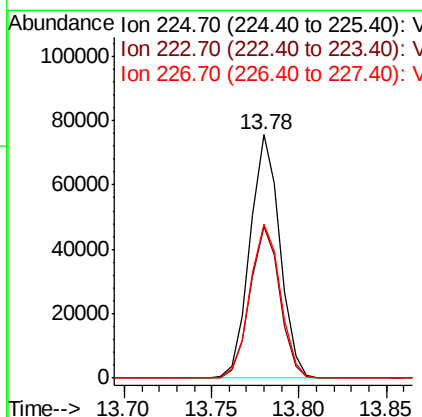
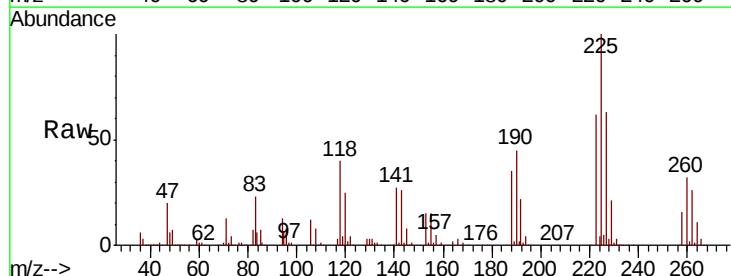
Manual Integrations
 APPROVED

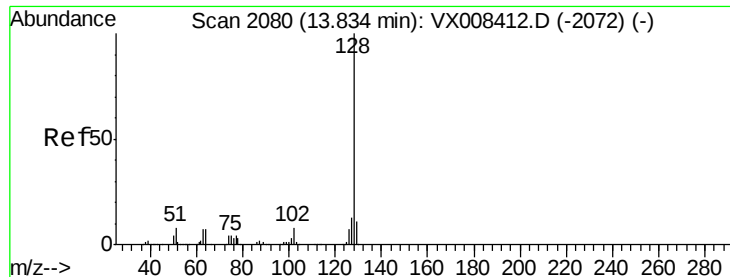
MMDadoda
 4/2/2019 9:19:30 AM



#94
 Hexachlorobutadiene
 Concen: 59.654 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89518		
223	62.0	31.4	94.0	
227	64.6	31.9	95.9	





#95

Naphthalene

Concen: 53.846 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

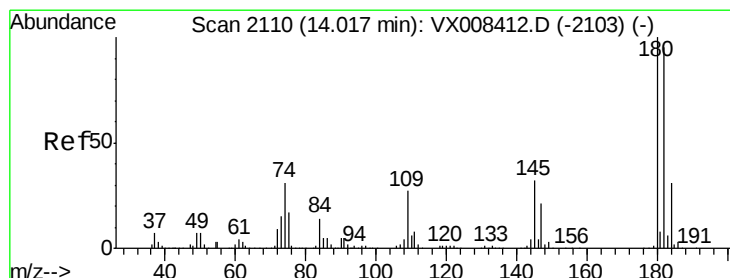
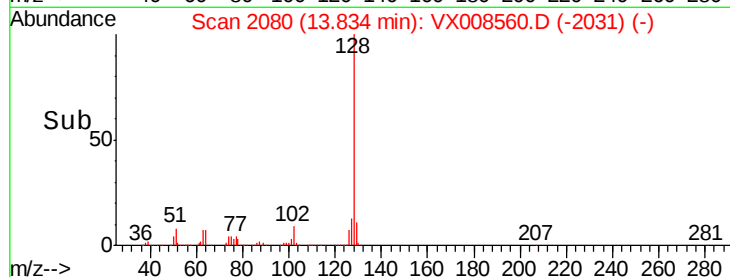
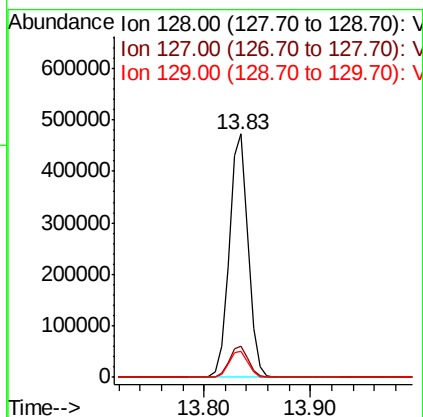
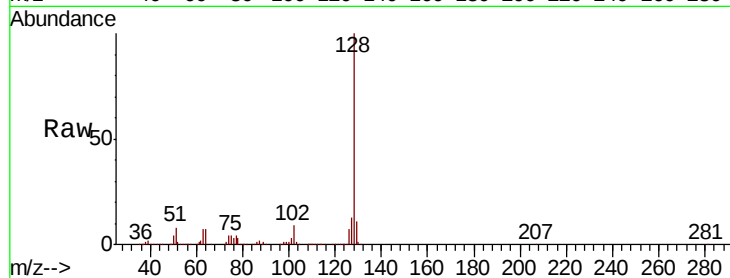
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	583422
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
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MMDadoda
4/2/2019 9:19:30 AM



#96

1,2,3-Trichlorobenzene

Concen: 56.068 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Tgt Ion:	180	Resp:	178054
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.3	142.0
145	31.9	16.2	48.5

