

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032919\
 Data File : VX008536.D
 Acq On : 29 Mar 2019 10:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/30/2019 9:50:17 AM

Quant Time: Mar 29 23:52:09 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	5.66	168	193028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	319284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	286803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139428	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	151621	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	5.49	113	112352	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
50) Toluene-d8	8.71	98	459830	55.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.48%	
62) 4-Bromofluorobenzene	11.13	95	173519	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	109088	47.945	ug/l	99
3) Chloromethane	1.32	50	141757	49.362	ug/l	99
4) Vinyl Chloride	1.41	62	148626	46.784	ug/l	100
5) Bromomethane	1.64	94	70929	42.809	ug/l	99
6) Chloroethane	1.71	64	90296	47.979	ug/l	100
7) Trichlorofluoromethane	1.92	101	173051	48.097	ug/l	100
8) Diethyl Ether	2.18	74	81617	47.932	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112659	51.810	ug/l	98
10) Methyl Iodide	2.51	142	94287	45.013	ug/l	99
11) Tert butyl alcohol	3.05	59	164641	253.936	ug/l	99
12) 1,1-Dichloroethene	2.37	96	108561	48.342	ug/l	99
13) Acrolein	2.29	56	147085	312.394	ug/l	99
14) Allyl chloride	2.72	41	256275	51.800	ug/l	99
15) Acrylonitrile	3.14	53	425445	250.246	ug/l	100
16) Acetone	2.44	43	404665	264.578	ug/l	100
17) Carbon Disulfide	2.57	76	327232	50.794	ug/l	99
18) Methyl Acetate	2.77	43	184877	50.329	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	427087	52.776	ug/l	100
20) Methylene Chloride	2.85	84	134581	53.965	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	119853	53.581	ug/l	93
22) Diisopropyl ether	3.85	45	509012	52.251	ug/l	93
23) Vinyl Acetate	3.81	43	2241294	263.710	ug/l	99
24) 1,1-Dichloroethane	3.69	63	251741	51.186	ug/l	100
25) 2-Butanone	4.67	43	640462	261.198	ug/l	99
26) 2,2-Dichloropropane	4.58	77	185289	56.643	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	141992	51.708	ug/l	100
28) Bromochloromethane	5.01	49	123443	50.804	ug/l	100
29) Tetrahydrofuran	5.12	42	402359	248.975	ug/l	99
30) Chloroform	5.21	83	229361	51.676	ug/l	100
31) Cyclohexane	5.57	56	245103	52.254	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	187730	52.915	ug/l	99
36) 1,1-Dichloropropene	5.80	75	181414	53.290	ug/l	99
37) Ethyl Acetate	4.83	43	235001	53.286	ug/l	99
38) Carbon Tetrachloride	5.78	117	156434	55.063	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	231698	56.951	ug/l	100
40) Benzene	6.14	78	543801	53.358	ug/l	99
41) Methacrylonitrile	5.04	41	132420	53.430	ug/l	100
42) 1,2-Dichloroethane	6.19	62	193799	51.937	ug/l	100
43) Isopropyl Acetate	6.44	43	385995	54.719	ug/l	100
44) Trichloroethene	7.21	130	127275	53.187	ug/l	95
45) 1,2-Dichloropropane	7.51	63	157443	54.350	ug/l	99
46) Dibromomethane	7.66	93	89153	52.703	ug/l	99
47) Bromodichloromethane	7.90	83	181127	55.941	ug/l	97
48) Methyl methacrylate	7.77	41	195332	55.341	ug/l	99
49) 1,4-Dioxane	7.74	88	70052	998.172	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1260498	275.116	ug/l	100
52) Toluene	8.78	92	331469	54.394	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	208961	58.921	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	230264	57.098	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	134569	54.249	ug/l	99
56) Ethyl methacrylate	9.18	69	252016	56.283	ug/l	100
57) 1,3-Dichloropropane	9.37	76	237092	53.309	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	661631	285.852	ug/l	99
59) 2-Hexanone	9.49	43	969575	273.108	ug/l	99
60) Dibromochloromethane	9.58	129	133683	56.667	ug/l	99
61) 1,2-Dibromoethane	9.67	107	137443	54.293	ug/l	100
64) Tetrachloroethene	9.34	164	109752	56.525	ug/l	97
65) Chlorobenzene	10.13	112	345554	55.403	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	121302	56.371	ug/l	99
67) Ethyl Benzene	10.25	91	650940	55.299	ug/l	100
68) m/p-Xylenes	10.36	106	476900	111.365	ug/l	99
69) o-Xylene	10.69	106	230343	55.428	ug/l	99
70) Styrene	10.71	104	409199	57.005	ug/l	99
71) Bromoform	10.85	173	98867	58.178	ug/l #	100
73) Isopropylbenzene	11.02	105	619535	54.618	ug/l	100
74) N-amyl acetate	10.90	43	352614	53.707	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	223175	50.709	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	193261m	46.624	ug/l	
77) Bromobenzene	11.26	156	146944	53.376	ug/l	100
78) n-propylbenzene	11.36	91	741232	55.783	ug/l	100
79) 2-Chlorotoluene	11.42	91	435894	53.933	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	528097	55.069	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	76322	58.973	ug/l	98
82) 4-Chlorotoluene	11.51	91	504888	54.157	ug/l	99
83) tert-Butylbenzene	11.77	119	507031	54.801	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	534794	55.136	ug/l	99
85) sec-Butylbenzene	11.94	105	616920	55.992	ug/l	99
86) p-Isopropyltoluene	12.06	119	561419	57.746	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	268762	54.640	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	268813	54.151	ug/l	99
89) n-Butylbenzene	12.38	91	543210	58.981	ug/l	99
90) Hexachloroethane	12.60	117	93721	57.864	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	260490	52.883	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47389	49.382	ug/l	100

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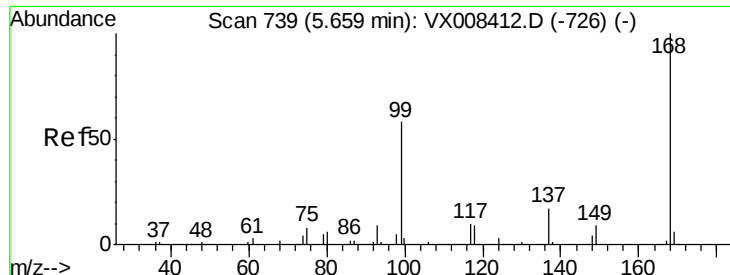
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	188676	56.893	ug/l	100
94) Hexachlorobutadiene	13.78	225	92360	58.653	ug/l	99
95) Naphthalene	13.83	128	606663	53.358	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	183382	55.030	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 193028

Ion Ratio Lower Upper

168 100

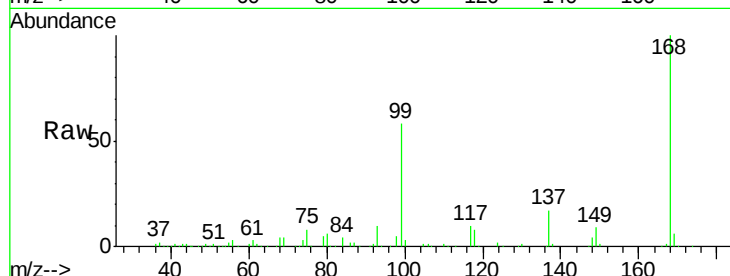
99 57.6 46.0 69.0

Manual Integrations

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3/30/2019 9:50:17 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

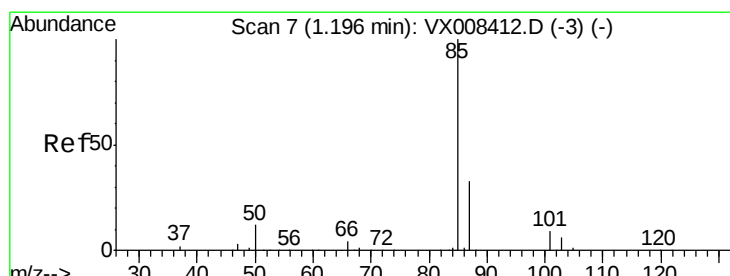
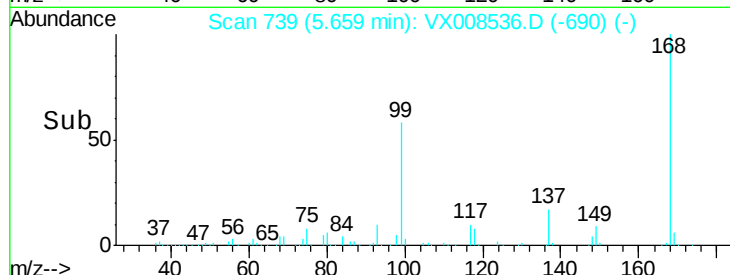
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.945 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008536.D

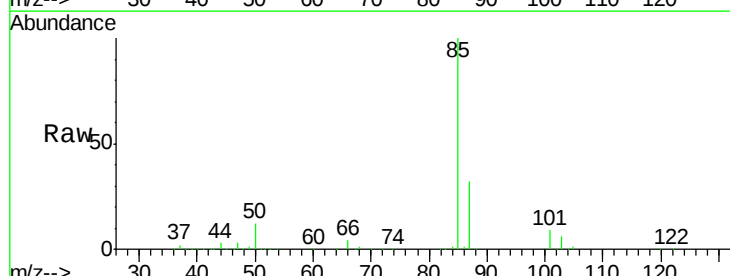
Acq: 29 Mar 2019 10:37

Tgt Ion: 85 Resp: 109088

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

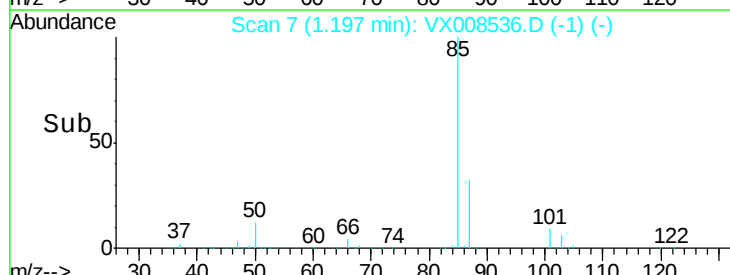
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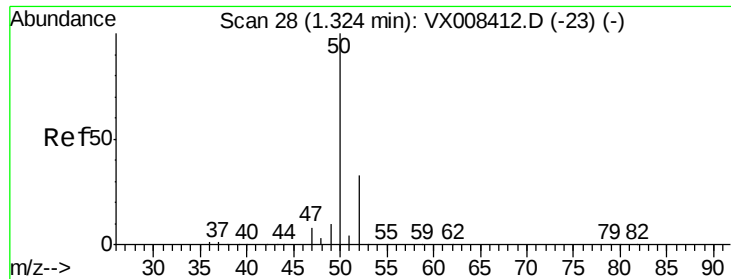
40000

20000

0

Time-->





#3

Chloromethane

Concen: 49.362 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 141757

Ion Ratio Lower Upper

50 100

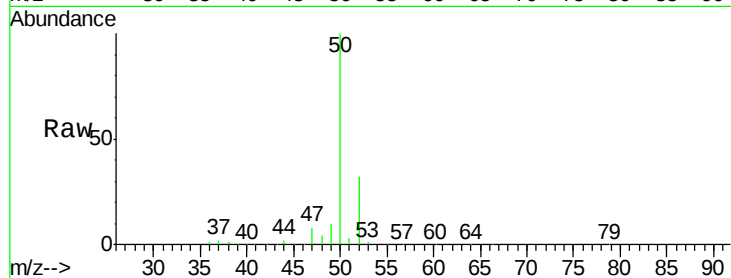
52 32.2 26.2 39.2

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

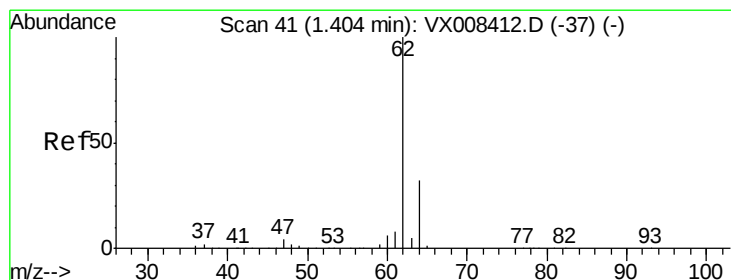
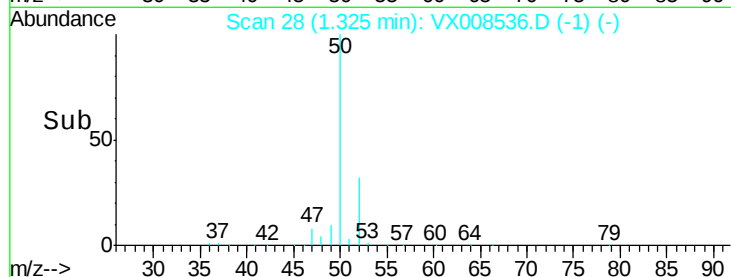
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 46.784 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX008536.D

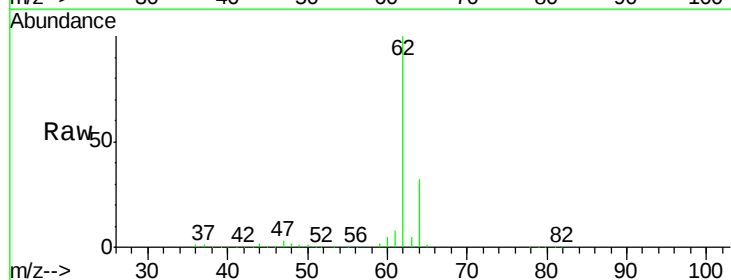
Acq: 29 Mar 2019 10:37

Tgt Ion: 62 Resp: 148626

Ion Ratio Lower Upper

62 100

64 31.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

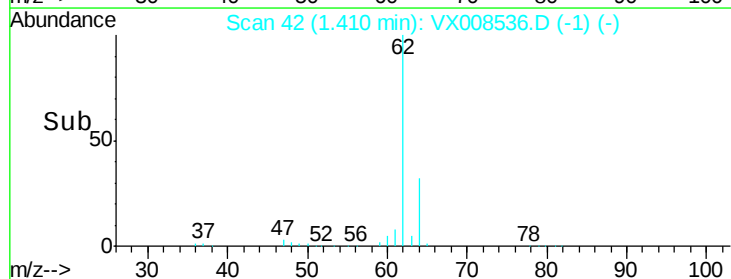
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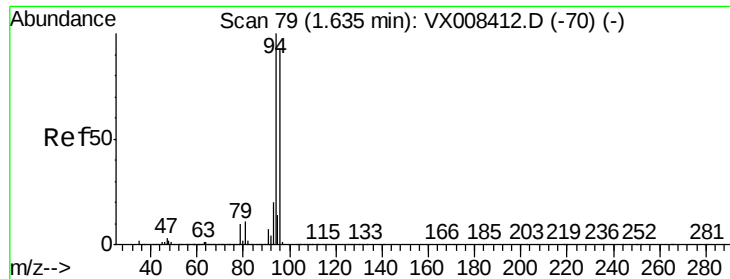
100000

50000

0

Time-->





#5

Bromomethane

Concen: 42.809 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 70929

Ion Ratio Lower Upper

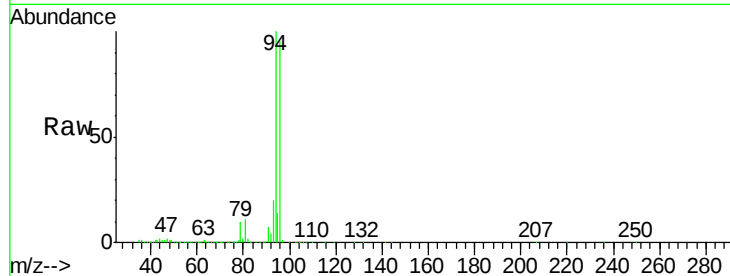
94 100

96 94.5 74.8 112.2

Manual Integrations
APPROVED

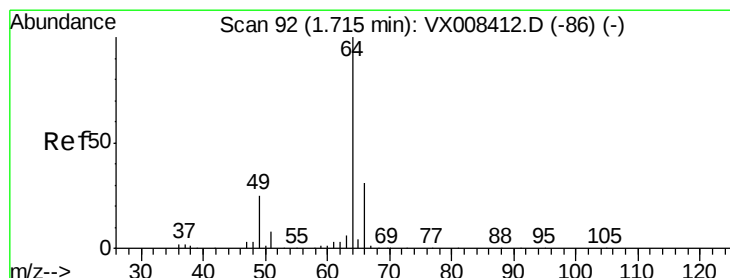
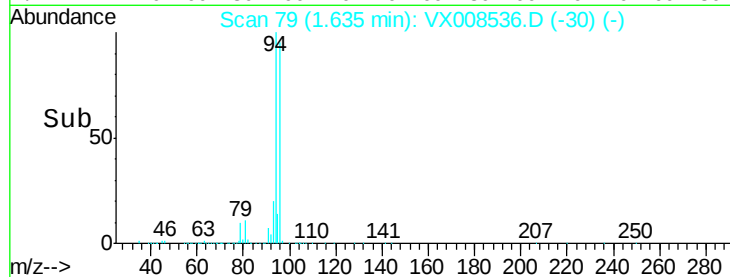
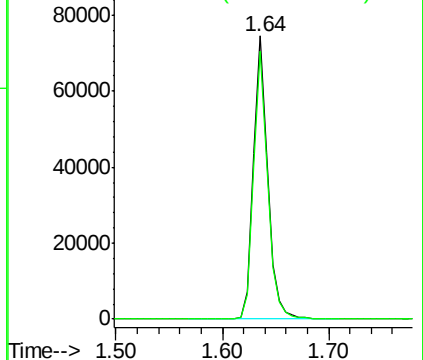
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3/30/2019 9:50:17 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.979 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008536.D

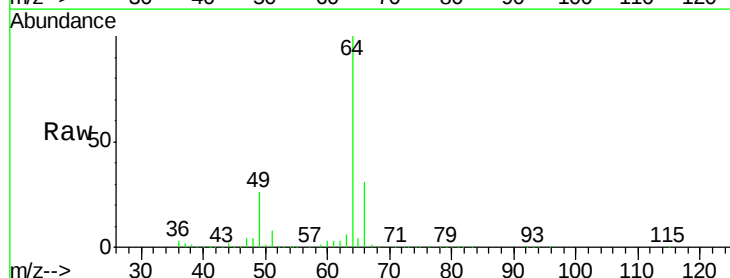
Acq: 29 Mar 2019 10:37

Tgt Ion: 64 Resp: 90296

Ion Ratio Lower Upper

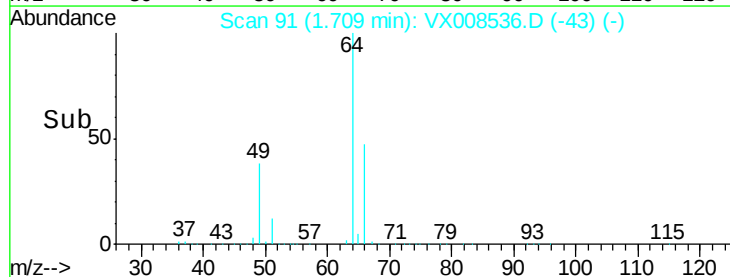
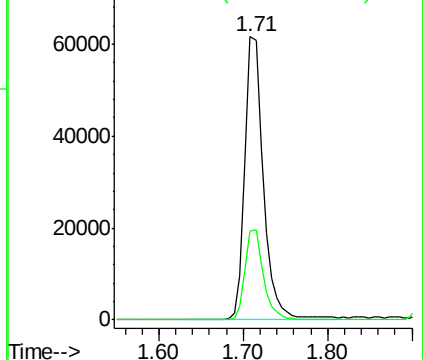
64 100

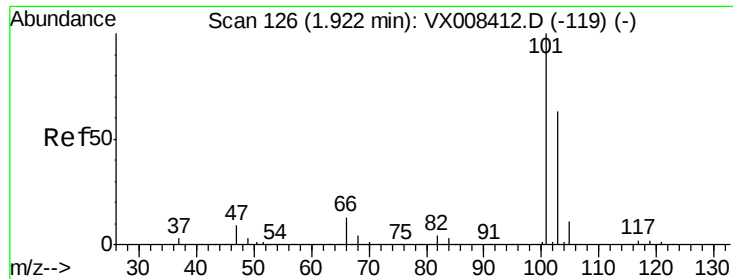
66 31.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

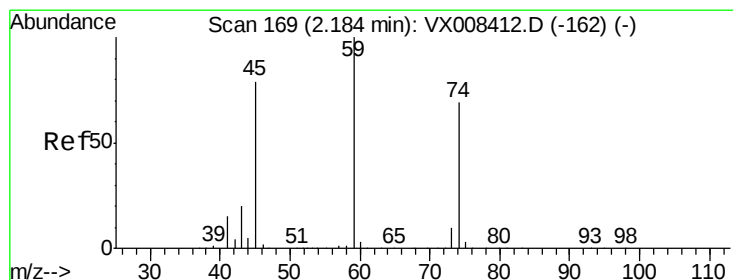
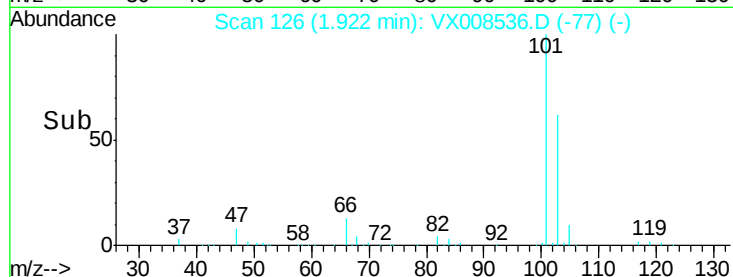
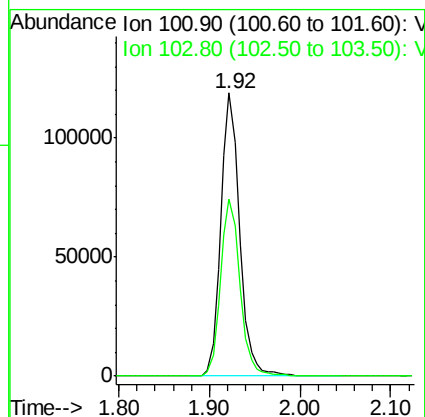
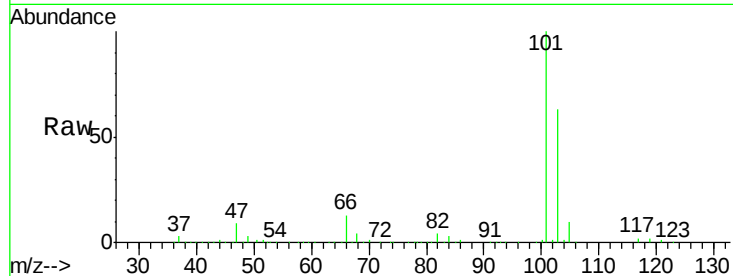
Trichlorofluoromethane
Concen: 48.097 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 173051
Ion Ratio Lower Upper
101 100
103 62.6 50.2 75.4

Manual Integrations
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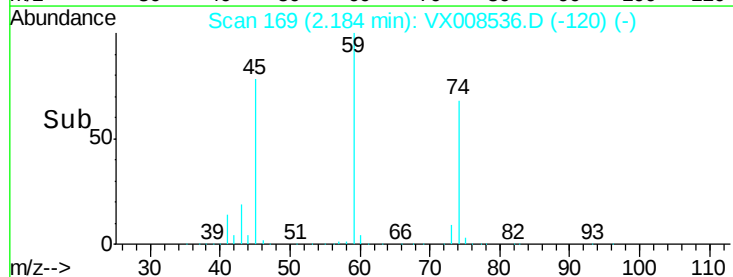
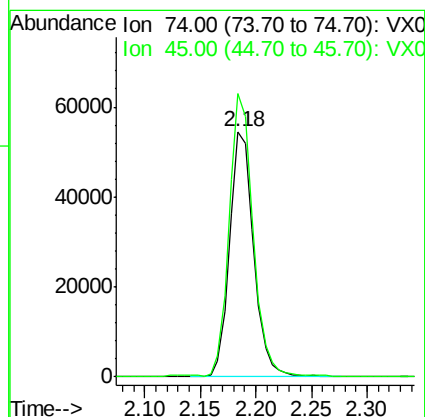
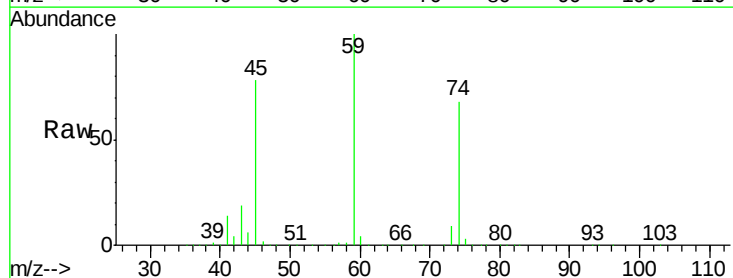
MMDadoda
3/30/2019 9:50:17 AM

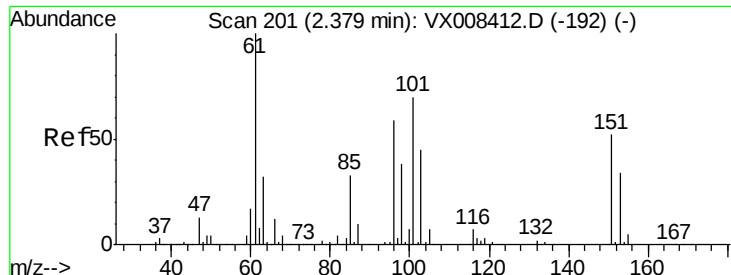


#8

Diethyl Ether
Concen: 47.932 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion: 74 Resp: 81617
Ion Ratio Lower Upper
74 100
45 113.8 56.4 169.2





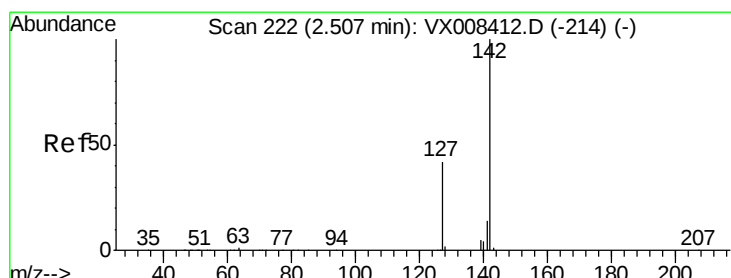
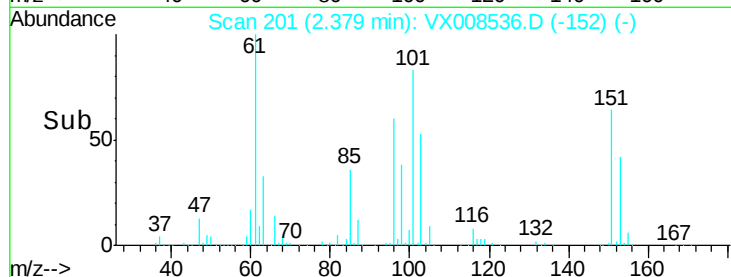
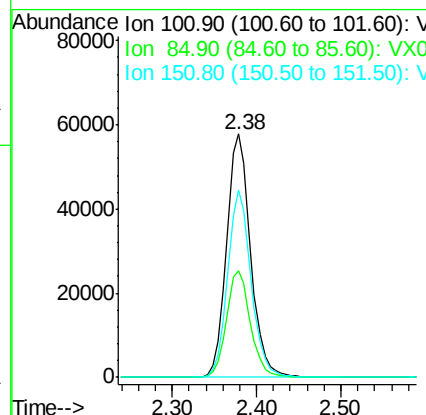
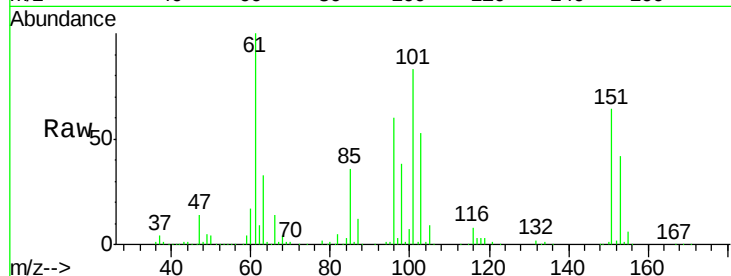
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.810 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	112659		
85	44.0	36.0	54.0	
151	75.5	59.2	88.8	

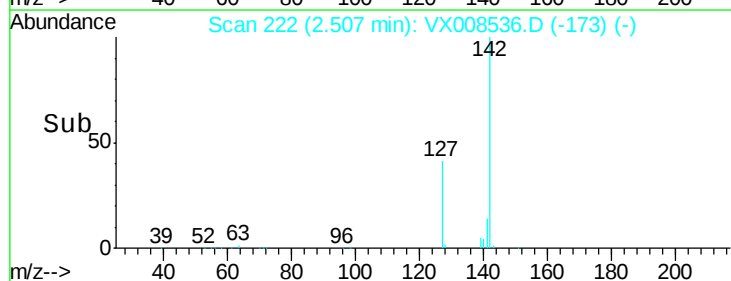
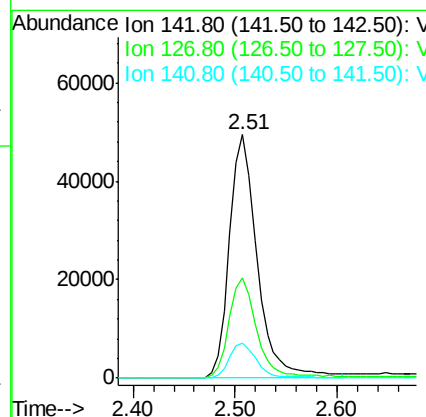
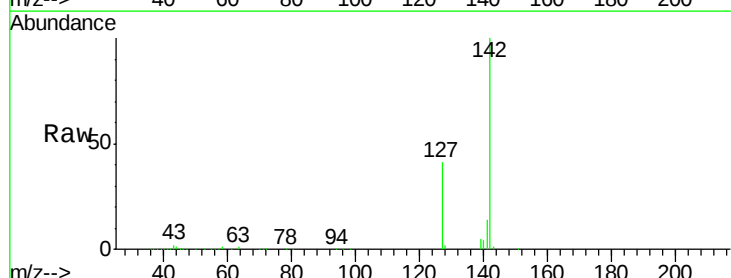
Manual Integrations
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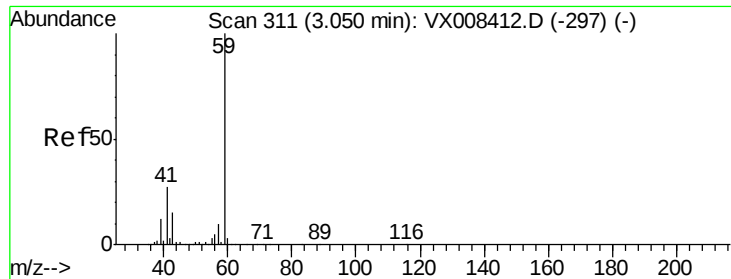
MMDadoda
3/30/2019 9:50:17 AM



#10
Methyl Iodide
Concen: 45.013 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	94287		
127	41.8	33.6	50.4	
141	14.6	11.3	16.9	





#11

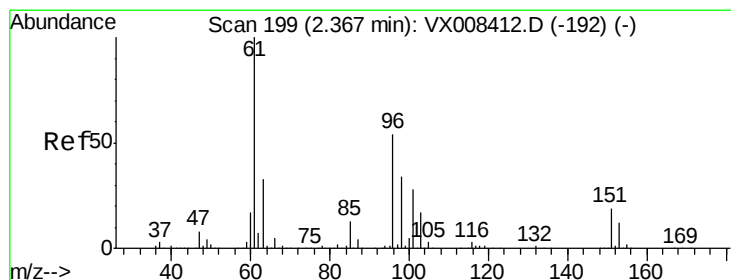
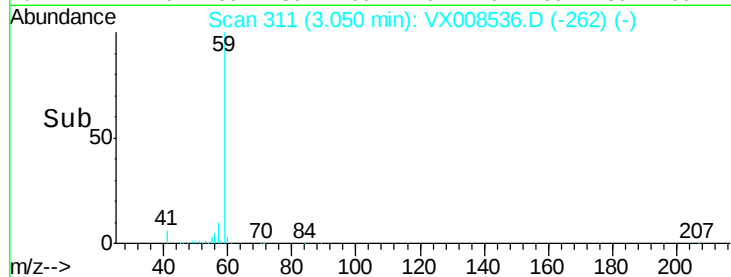
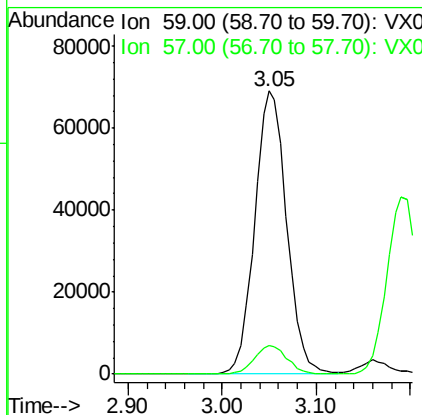
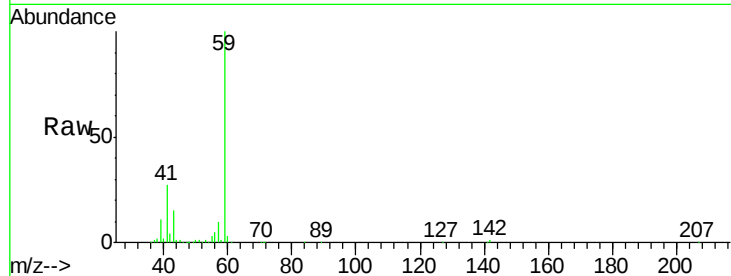
Tert butyl alcohol
 Concen: 253.936 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	164641
Ion Ratio	100	Lower	Upper
57	10.5	8.2	12.4

Manual Integrations
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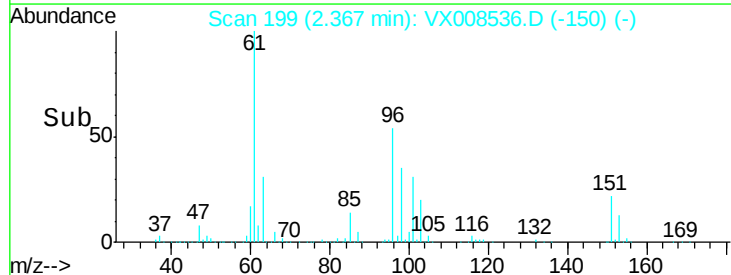
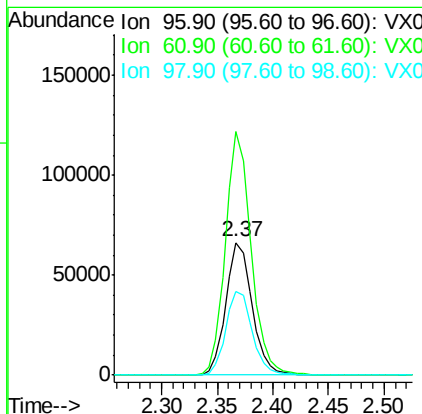
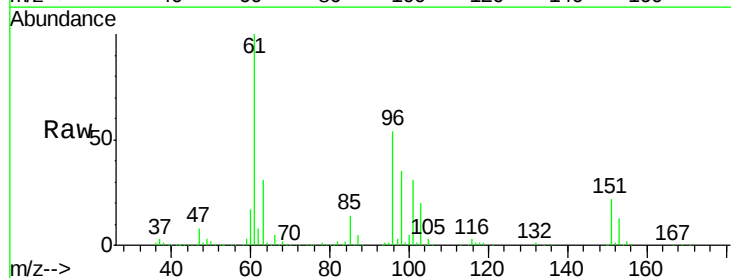
MMDadoda
 3/30/2019 9:50:17 AM

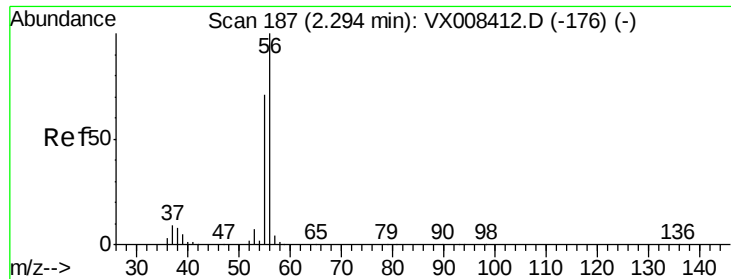


#12

1,1-Dichloroethene
 Concen: 48.342 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion	96	Resp	108561
Ion Ratio	100	Lower	Upper
61	184.0	146.9	220.3
98	63.7	50.1	75.1





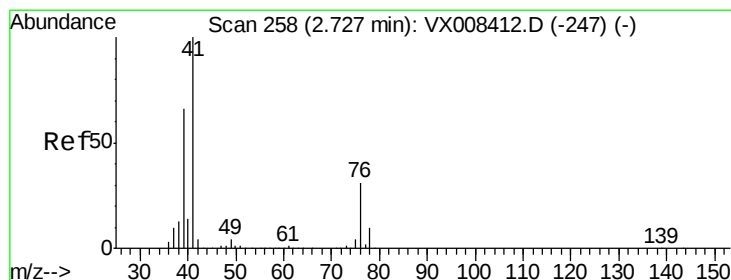
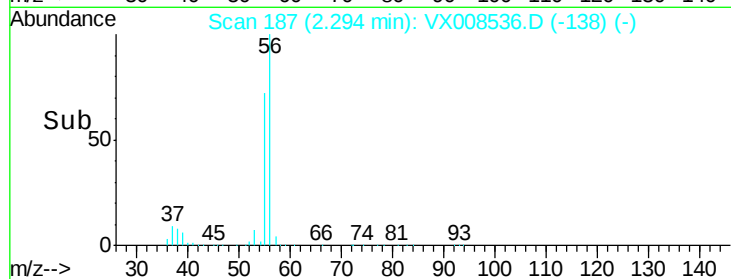
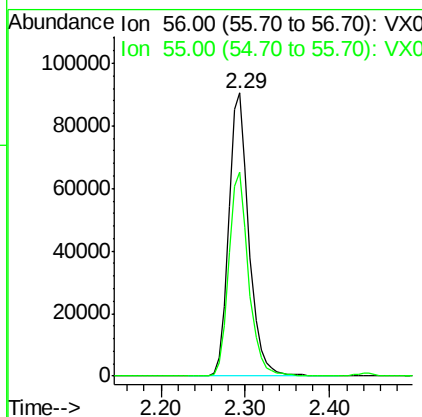
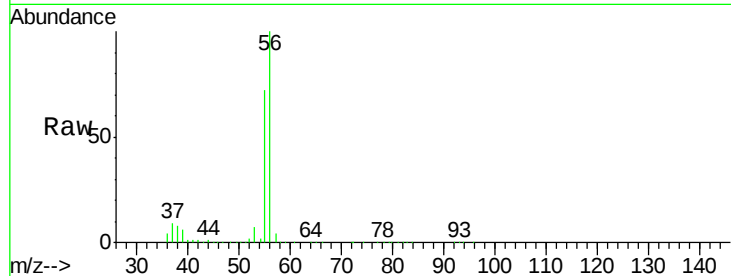
#13
Acrolein
Concen: 312.394 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	147085
Ion Ratio	100	Lower	Upper
55	71.5	56.5	84.7

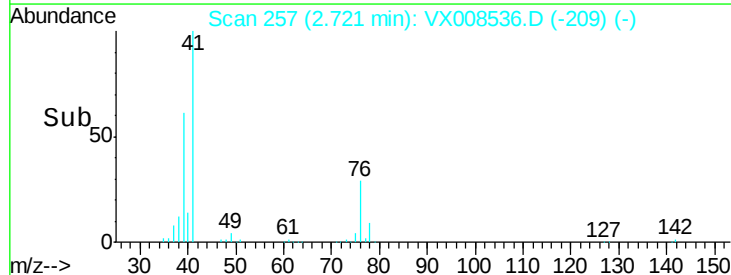
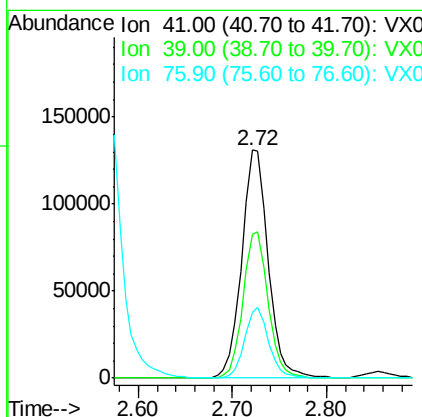
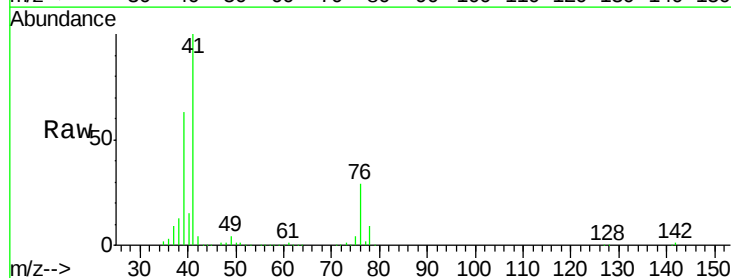
Manual Integrations
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3/30/2019 9:50:17 AM



#14
Allyl chloride
Concen: 51.800 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion	41	Resp	256275
Ion Ratio	100	Lower	Upper
39	60.8	49.6	74.4
76	28.0	22.6	34.0





#15

Acrylonitrile

Concen: 250.246 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

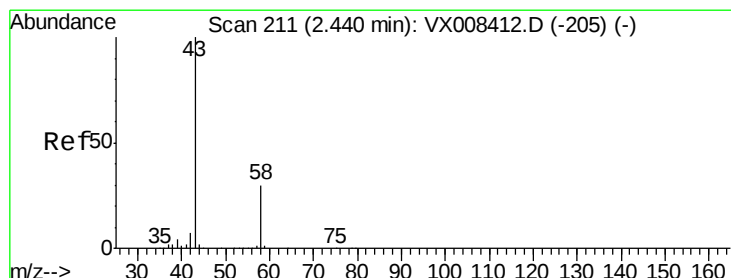
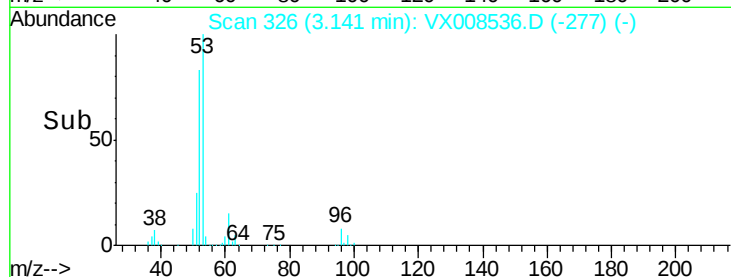
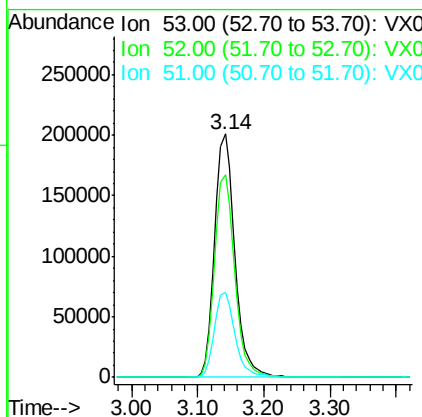
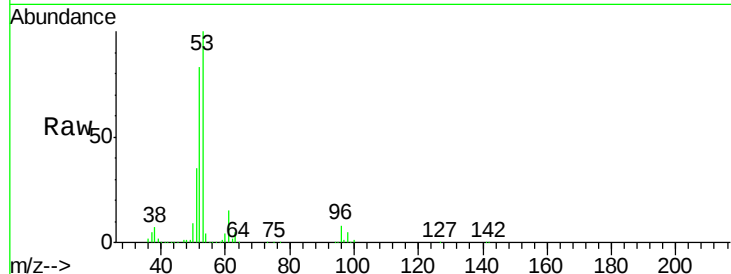
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	425445
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.5	99.7
51	35.8	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 264.578 ug/l

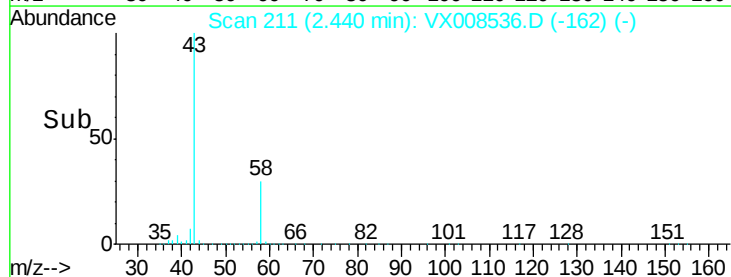
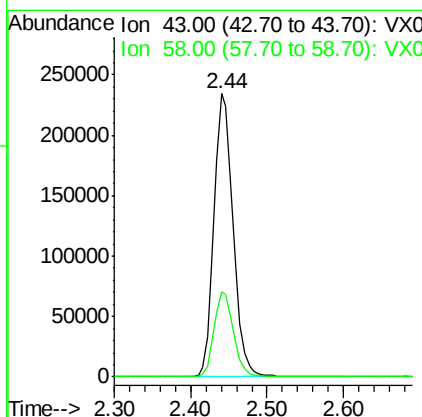
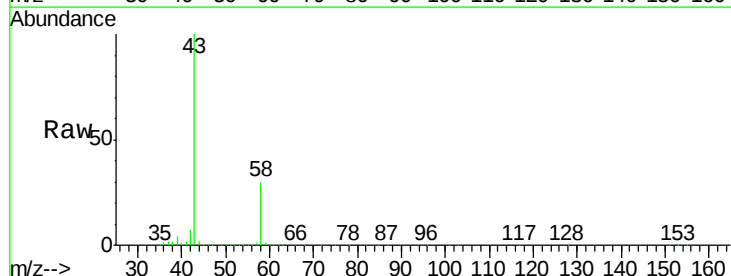
RT: 2.44 min Scan# 211

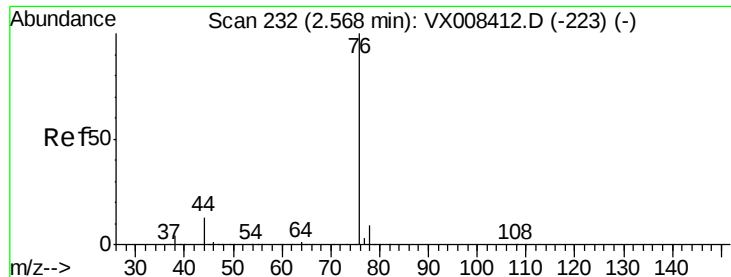
Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Tgt Ion:	43	Resp:	404665
Ion Ratio	Lower	Upper	
43	100		
58	30.2	24.2	36.2





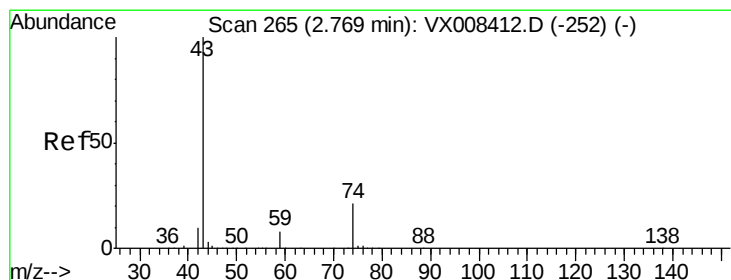
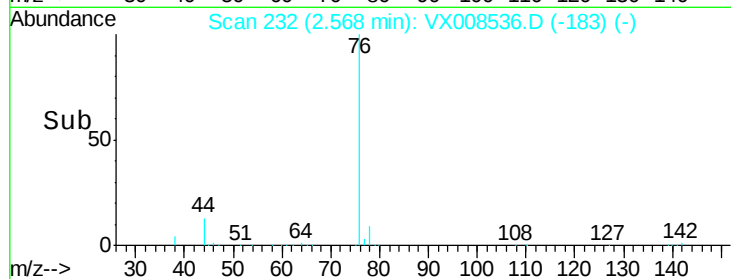
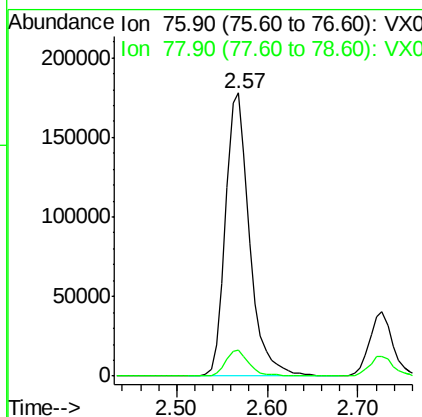
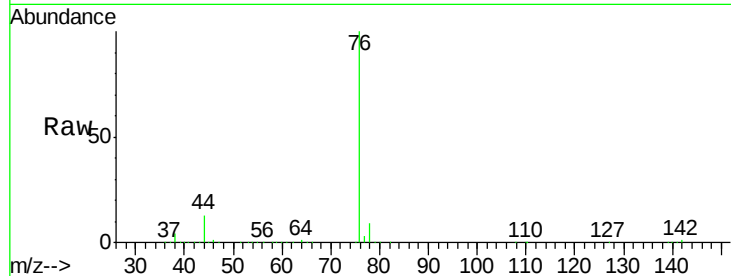
#17
Carbon Disulfide
Concen: 50.794 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.2

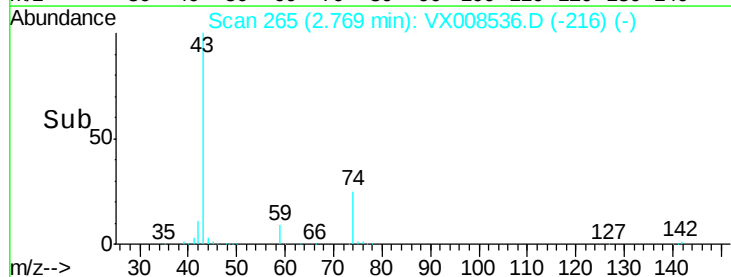
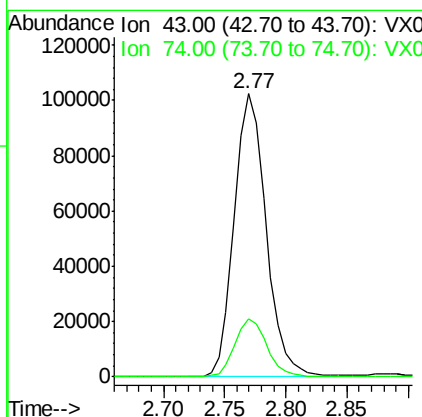
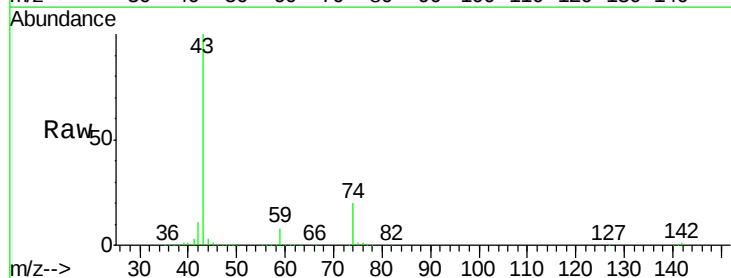
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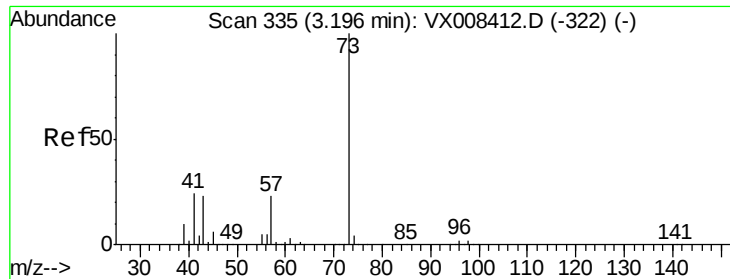
MMDadoda
3/30/2019 9:50:17 AM



#18
Methyl Acetate
Concen: 50.329 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	16.7	25.1





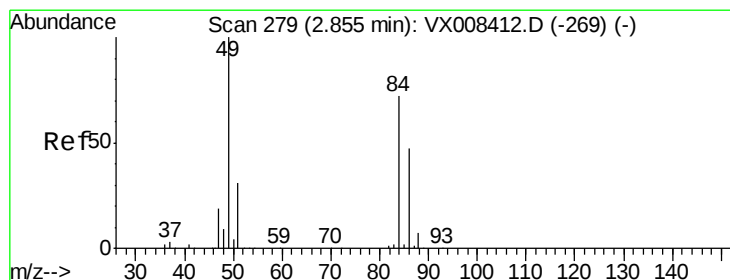
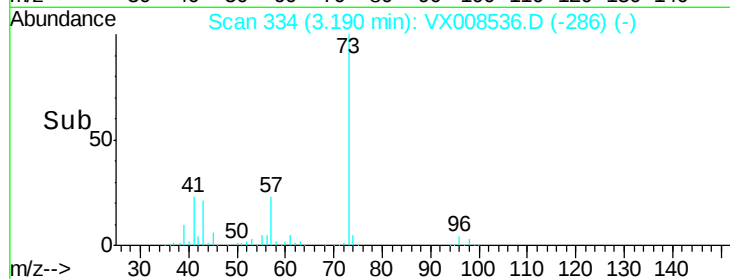
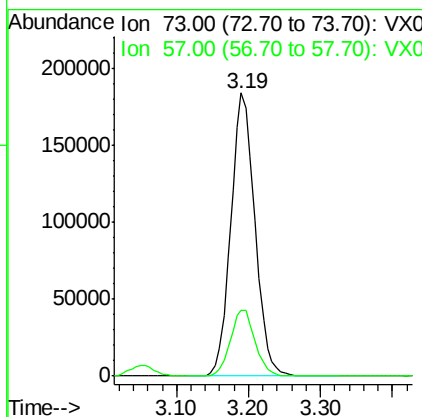
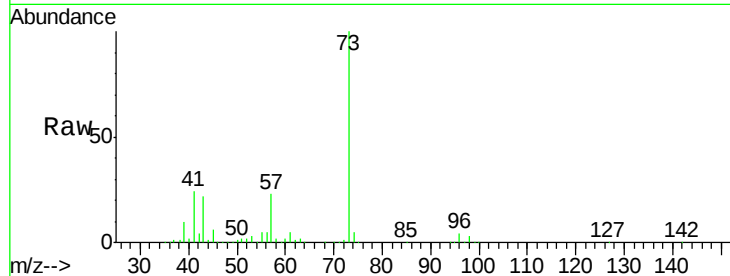
#19
Methyl tert-butyl Ether
Concen: 52.776 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.6	28.0

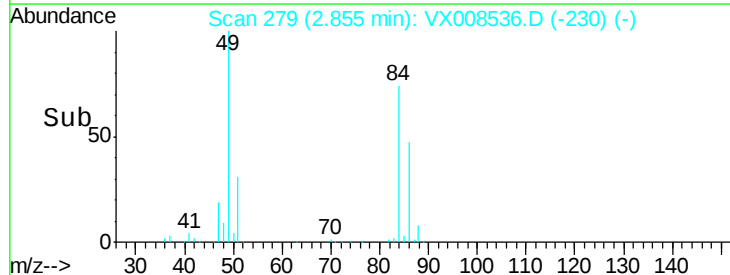
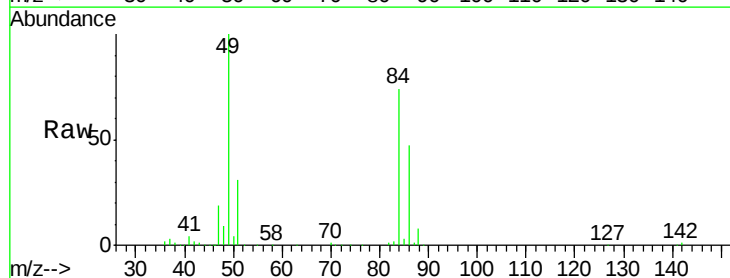
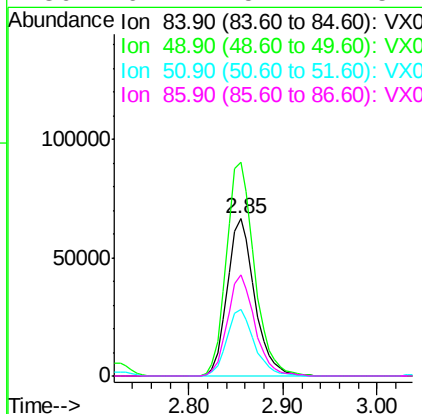
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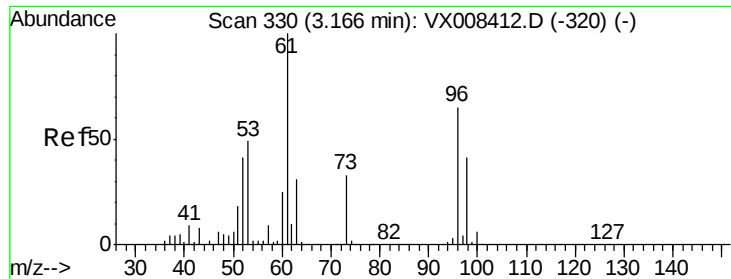
MMDadoda
3/30/2019 9:50:17 AM



#20
Methylene Chloride
Concen: 53.965 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.7	110.6	165.8
51	42.3	33.9	50.9
86	64.2	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 53.581 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

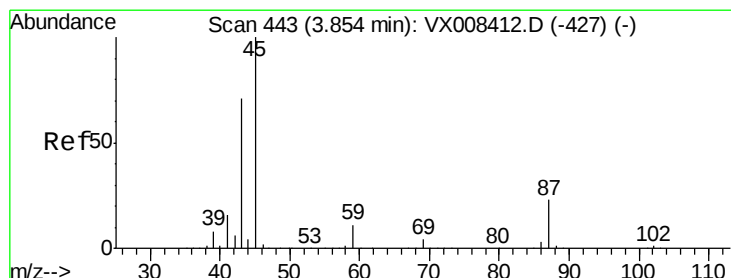
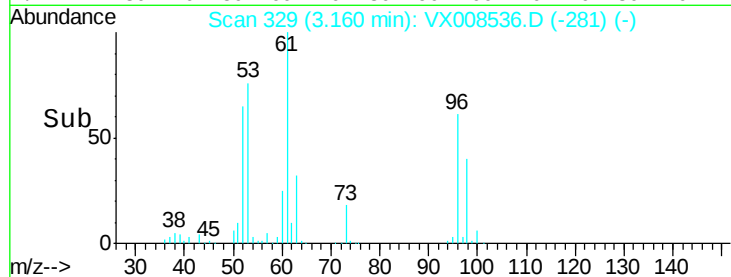
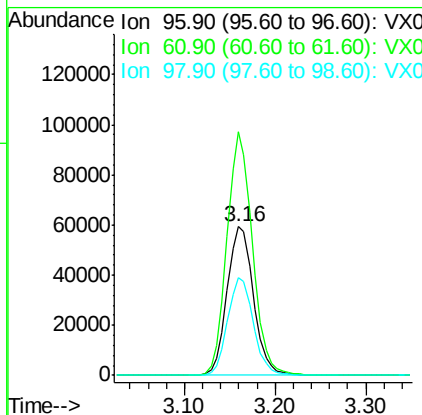
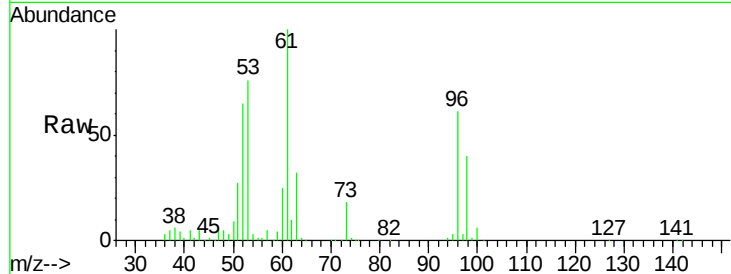
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	119853
Ion	Ratio	Lower	Upper
96	100		
61	163.6	122.6	184.0
98	65.8	50.9	76.3

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#22

Diisopropyl ether

Concen: 52.251 ug/l

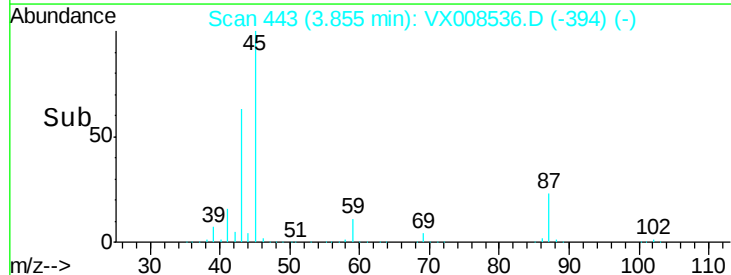
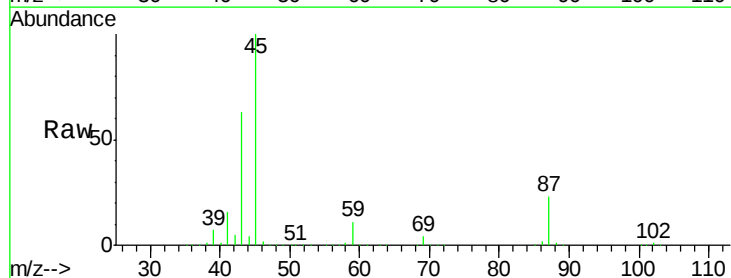
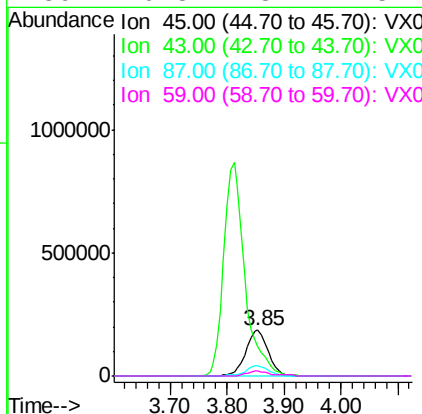
RT: 3.85 min Scan# 443

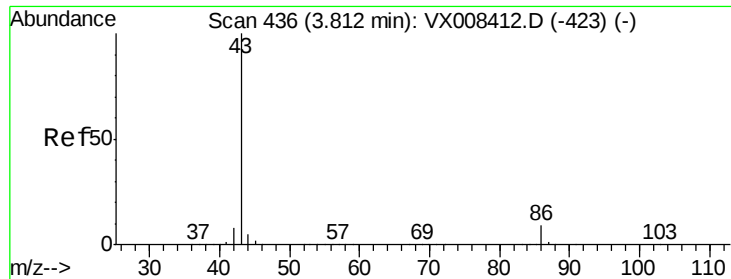
Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Tgt Ion:	45	Resp:	509012
Ion	Ratio	Lower	Upper
45	100		
43	63.2	57.1	85.7
87	23.3	18.8	28.2
59	10.8	8.7	13.1





#23

Vinyl Acetate

Concen: 263.710 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2241294

Ion Ratio Lower Upper

43 100

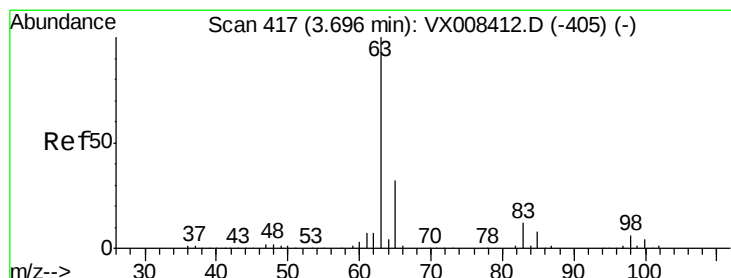
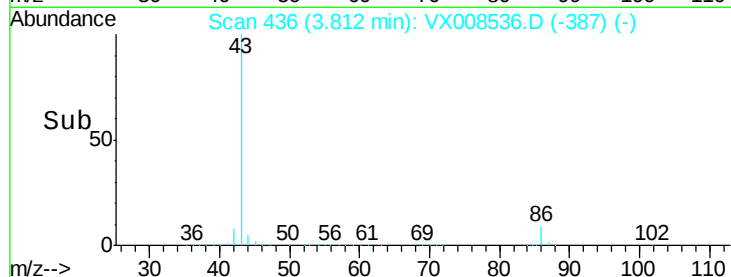
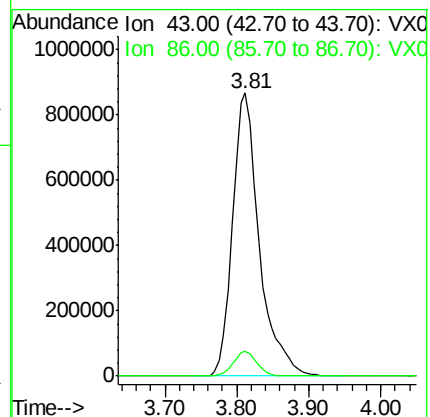
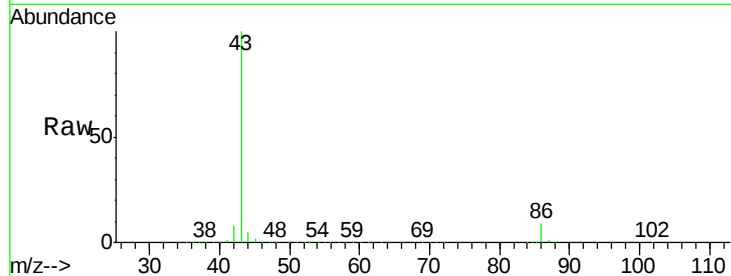
86 8.8 6.9 10.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.186 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

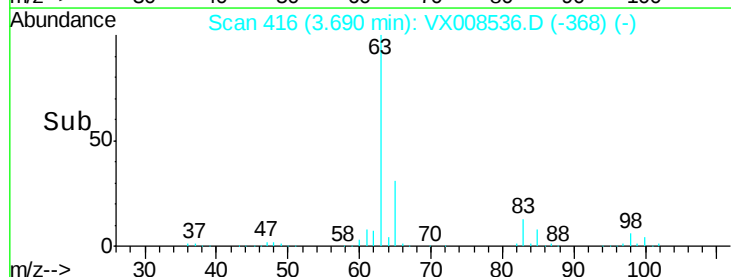
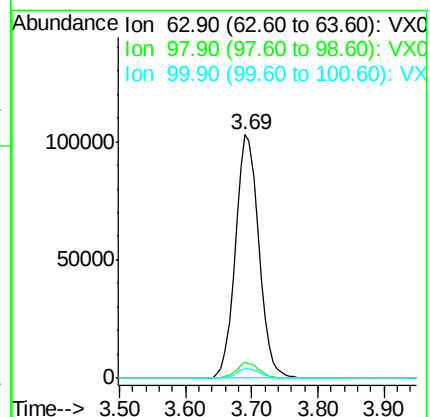
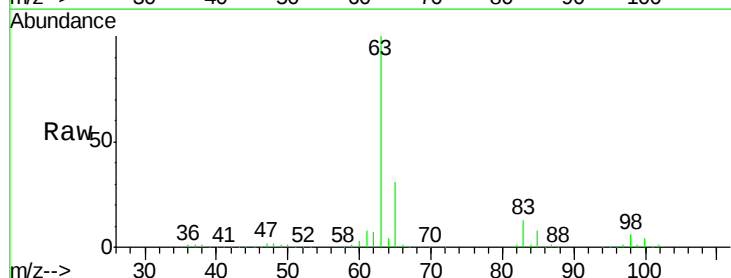
Tgt Ion: 63 Resp: 251741

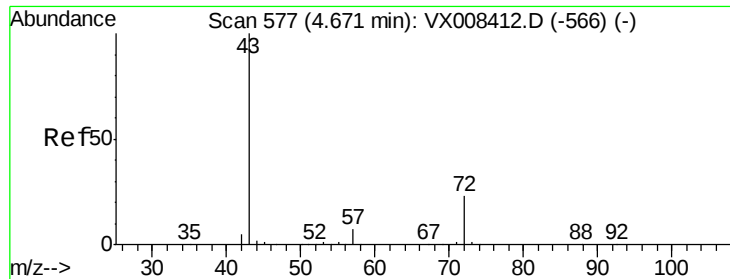
Ion Ratio Lower Upper

63 100

98 6.3 3.2 9.6

100 3.7 2.0 5.8





#25

2-Butanone

Concen: 261.198 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 640462

Ion Ratio Lower Upper

43 100

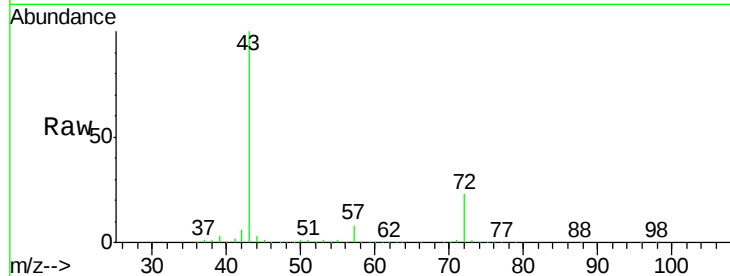
72 22.9 18.6 28.0

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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

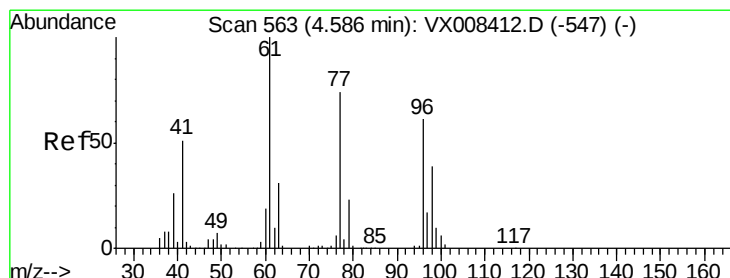
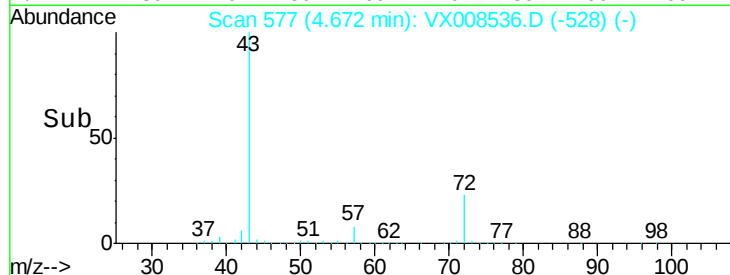
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 56.643 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008536.D

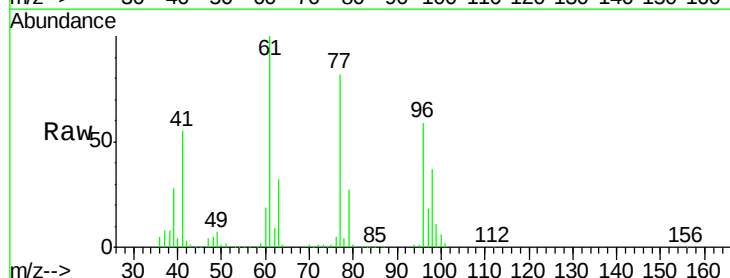
Acq: 29 Mar 2019 10:37

Tgt Ion: 77 Resp: 185289

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

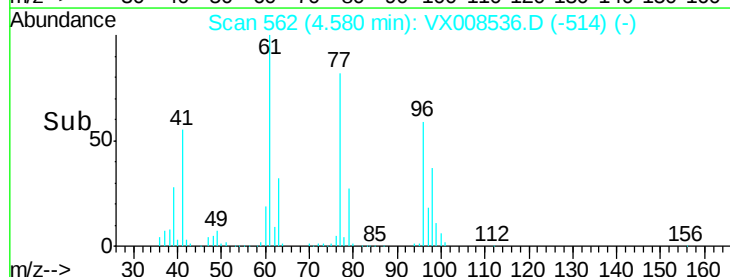
40000

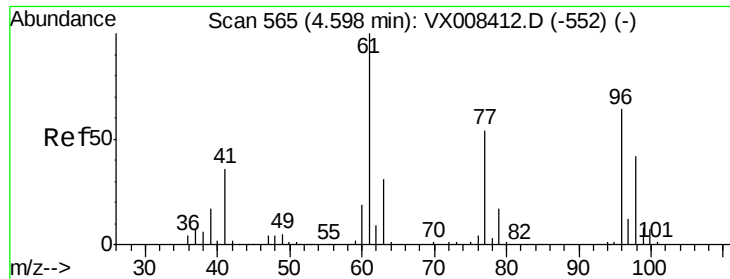
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

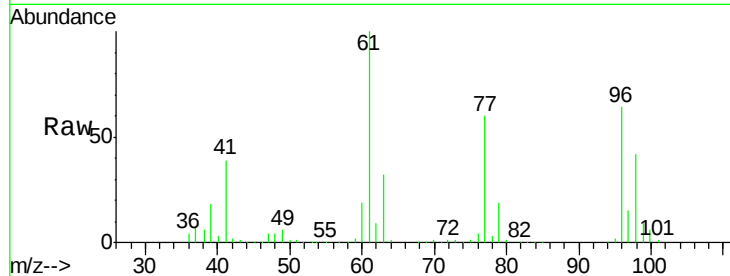
cis-1,2-Dichloroethene
Concen: 51.708 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	141992		
61	162.5	0.0	325.6	
98	64.1	0.0	130.0	

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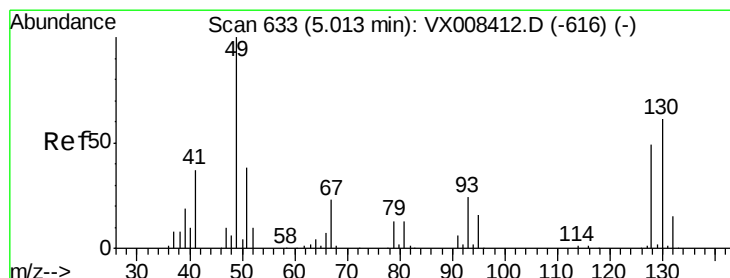
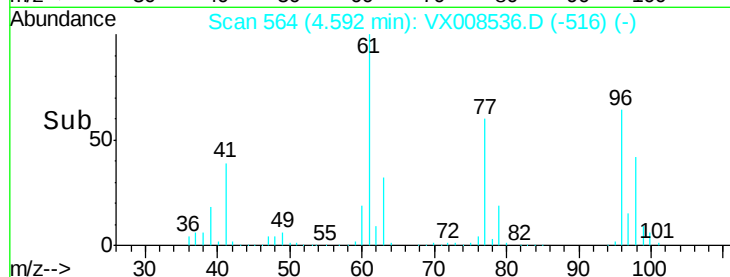
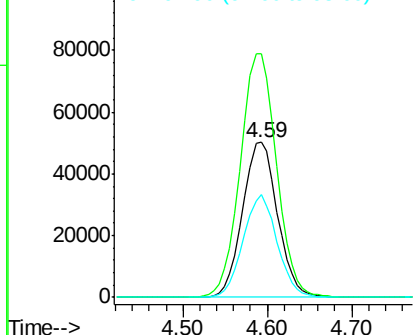


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

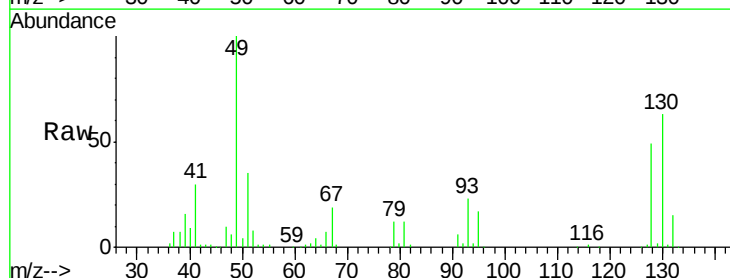
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 50.804 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	123443		
129	1.8	0.0	3.4	
130	62.6	49.8	74.6	

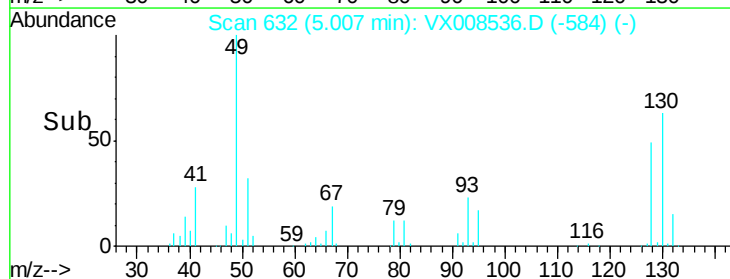
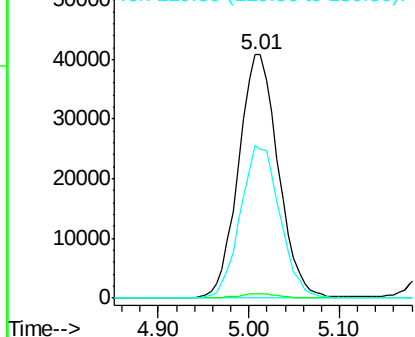


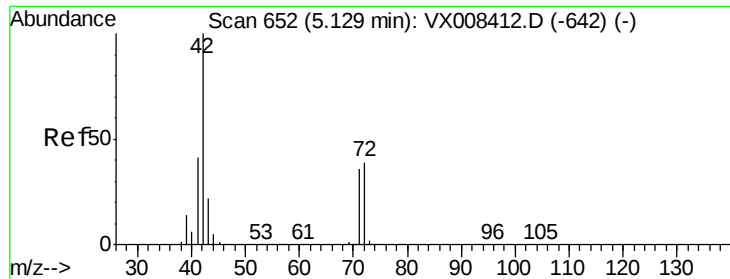
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





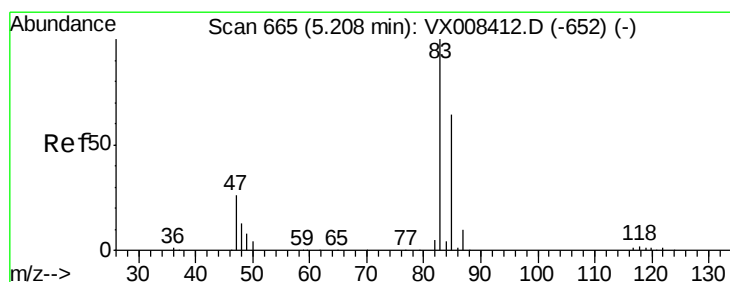
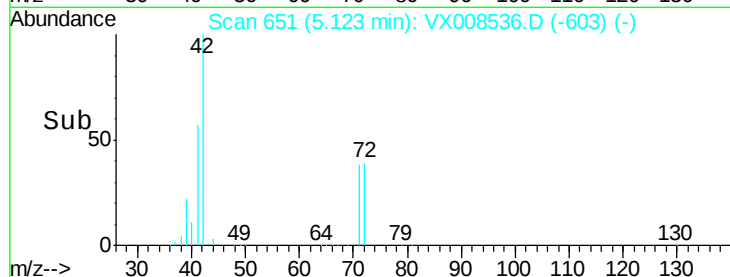
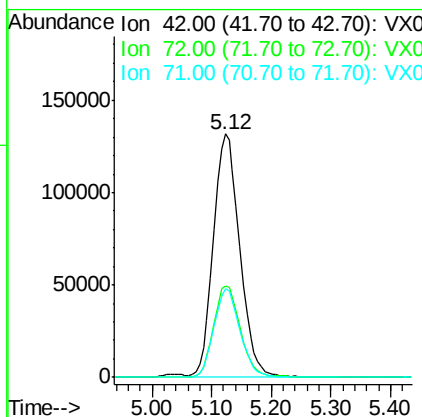
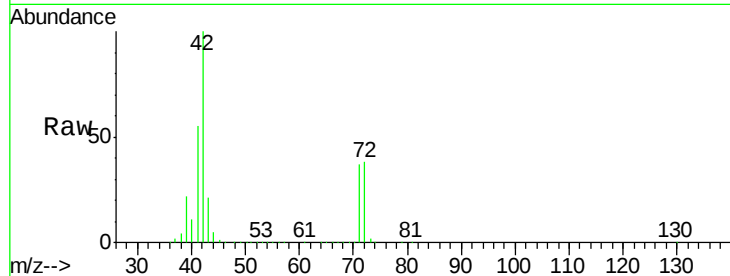
#29
Tetrahydrofuran
Concen: 248.975 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.3	31.4	47.2
71	36.1	29.4	44.2

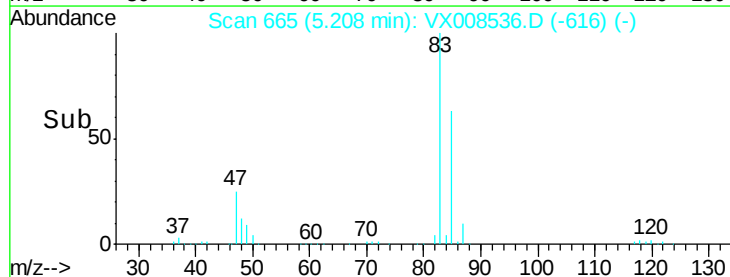
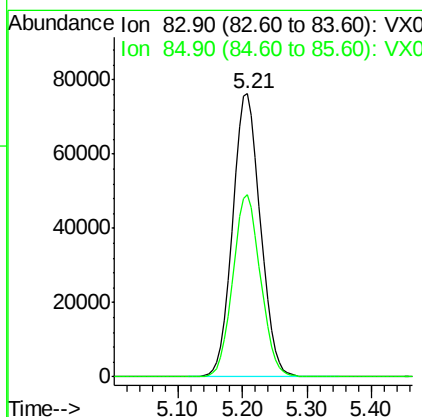
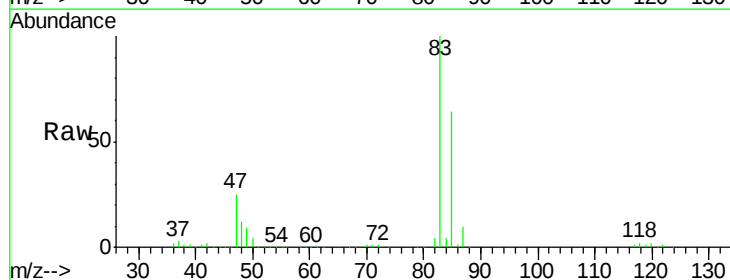
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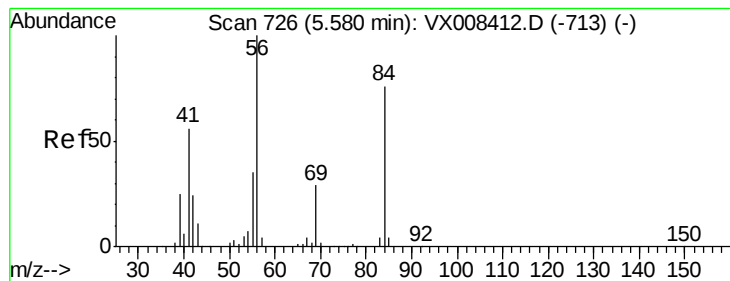
MMDadoda
3/30/2019 9:50:17 AM



#30
Chloroform
Concen: 51.676 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2





#31

Cyclohexane

Concen: 52.254 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

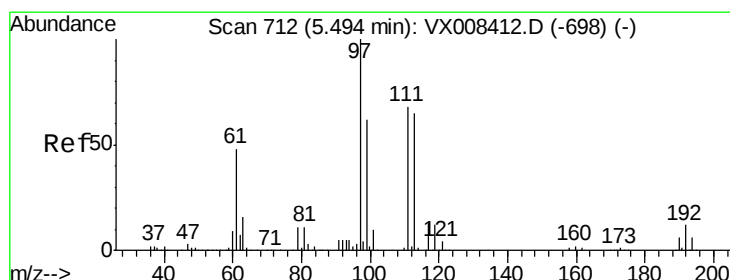
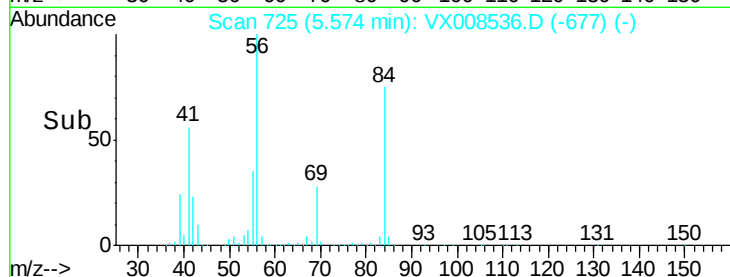
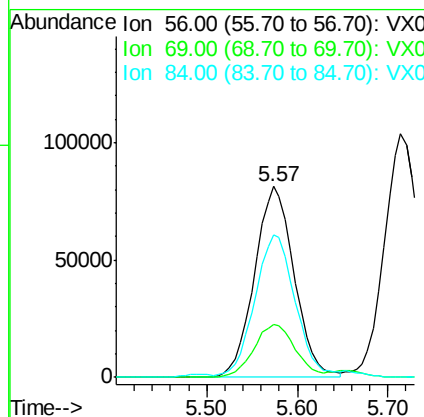
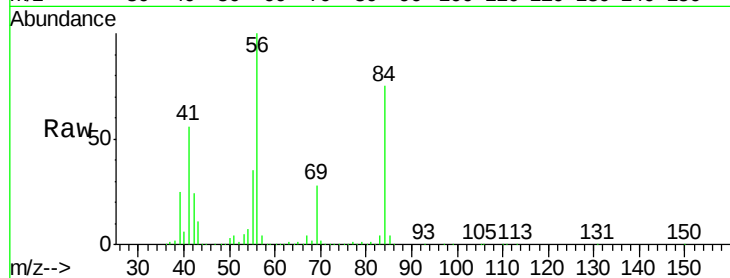
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	245103
Ion Ratio	Lower	Upper	
56	100		
69	27.9	23.2	34.8
84	73.6	60.7	91.1

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#32

1,1,1-Trichloroethane

Concen: 52.915 ug/l

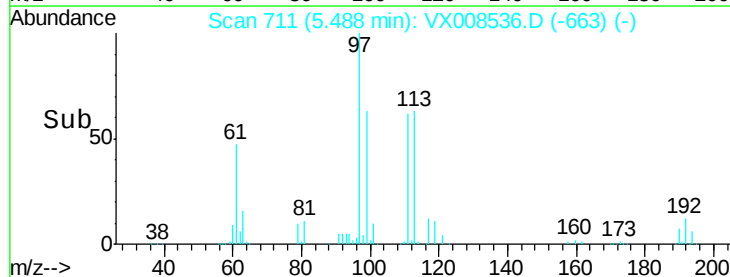
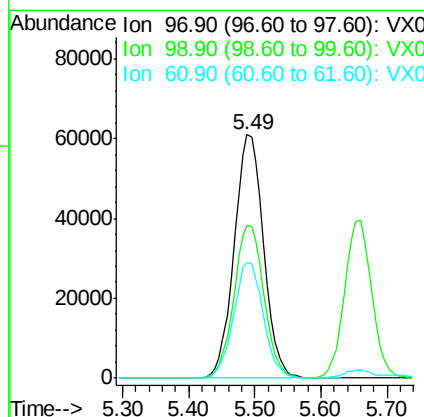
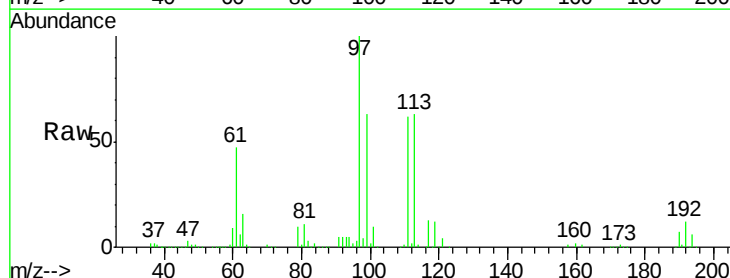
RT: 5.49 min Scan# 711

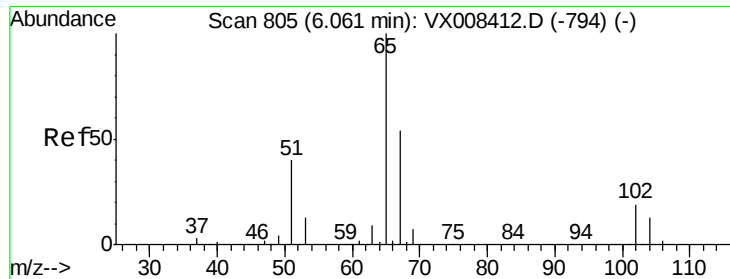
Delta R.T. -0.01 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Tgt Ion:	97	Resp:	187730
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.5	77.3
61	48.0	38.8	58.2





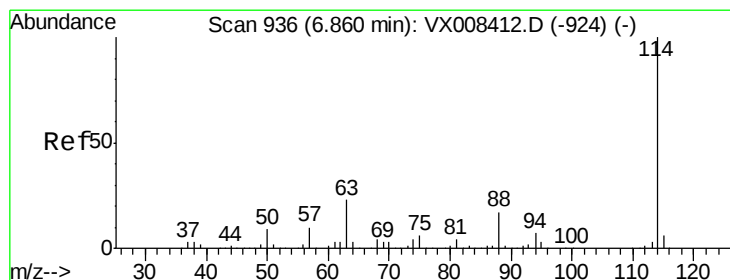
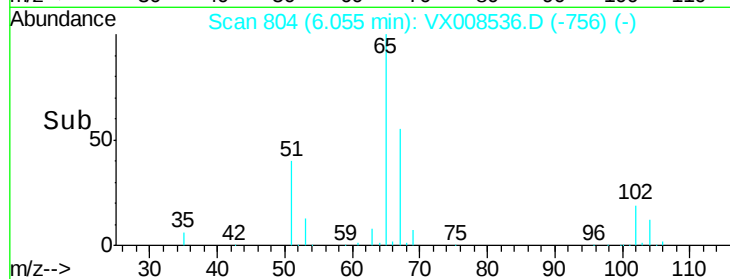
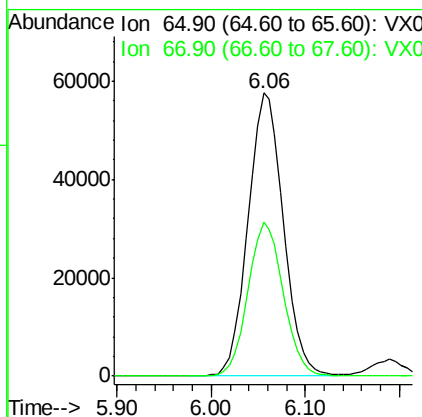
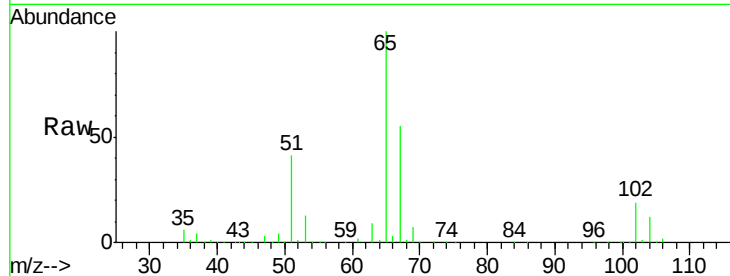
#33
 1,2-Dichloroethane-d4
 Concen: 51.812 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	109.4

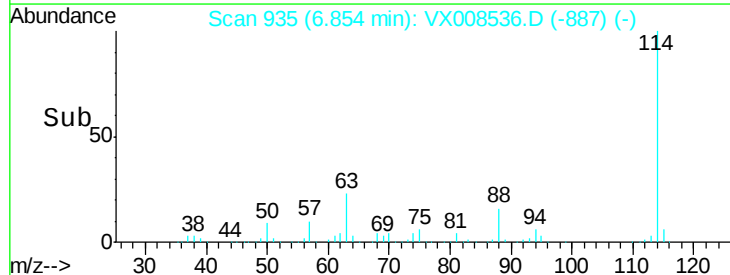
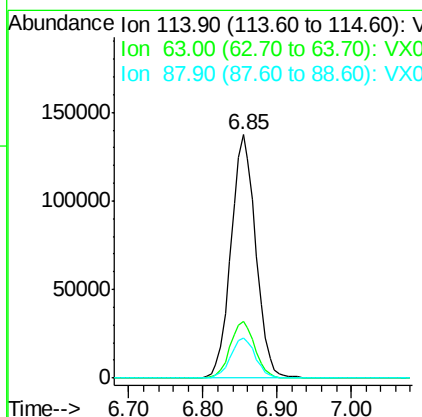
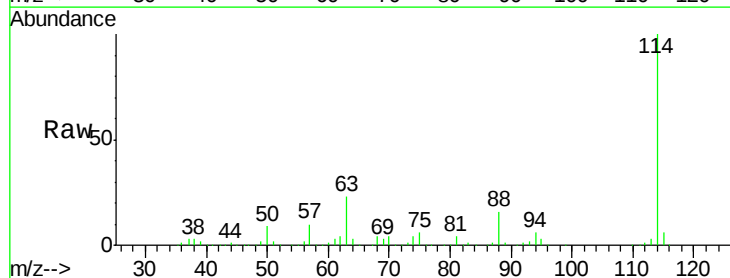
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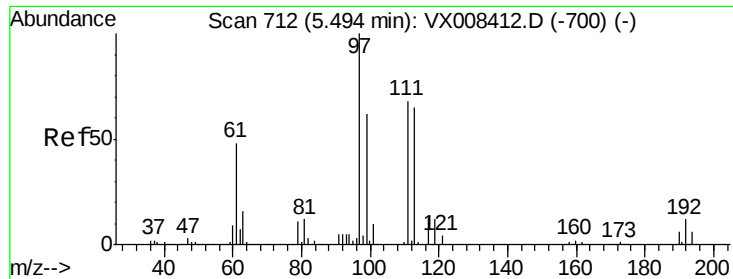
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	46.4
88	16.4	0.0	33.2





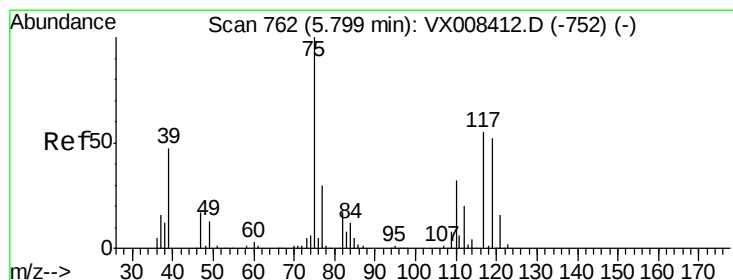
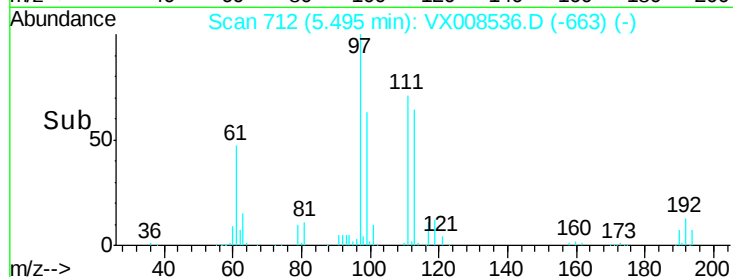
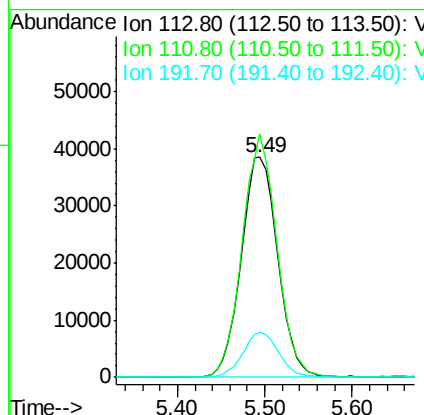
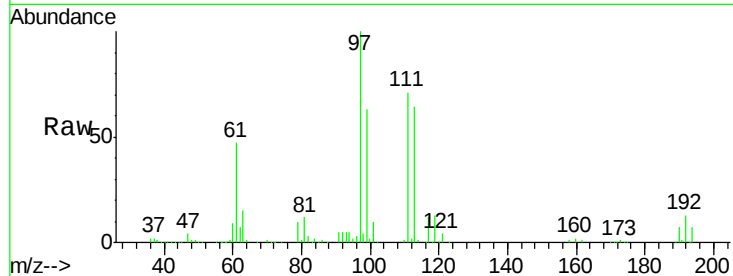
#35
Dibromofluoromethane
Concen: 53.967 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.5	83.0	124.4	
192	20.2	15.6	23.4	

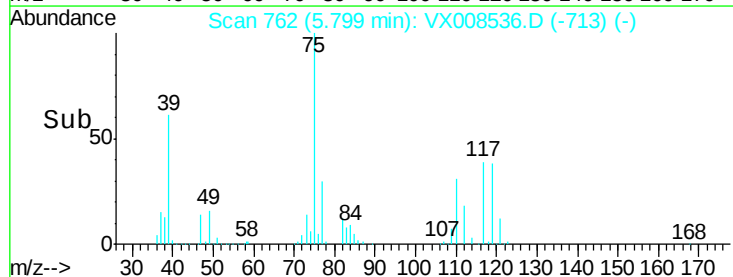
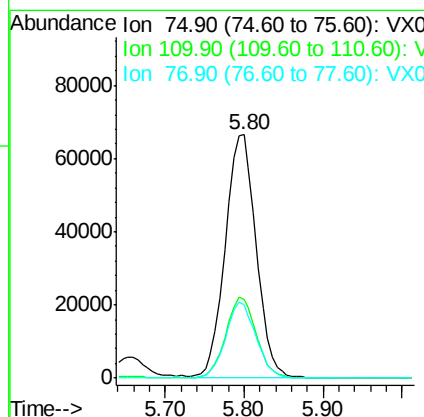
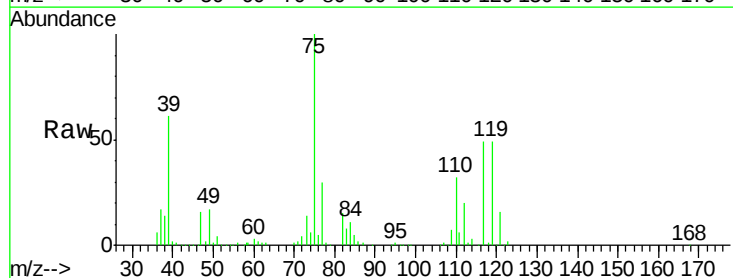
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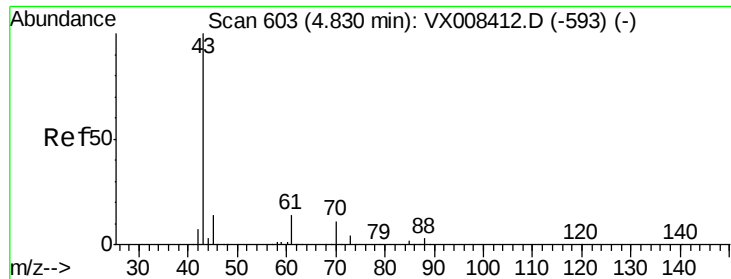
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#36
1,1-Dichloropropene
Concen: 53.290 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.1	16.6	49.7	
77	30.8	24.2	36.2	





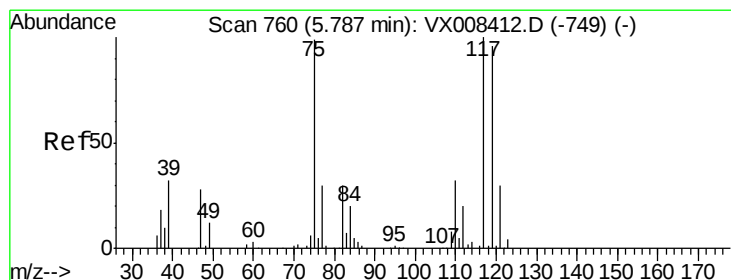
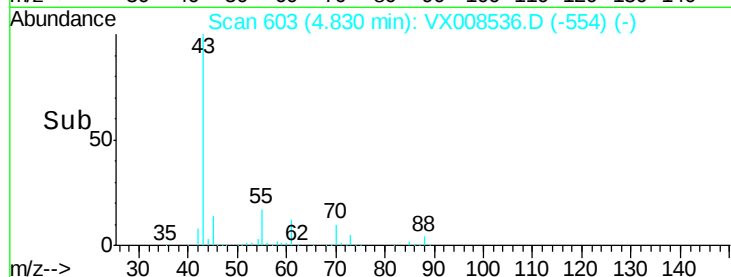
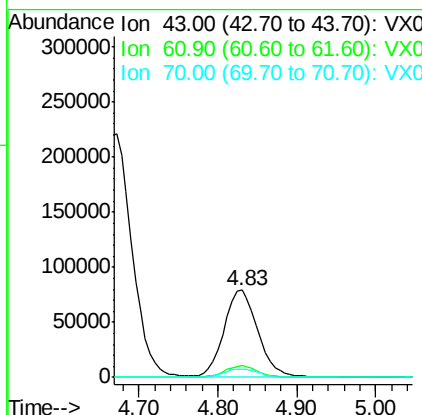
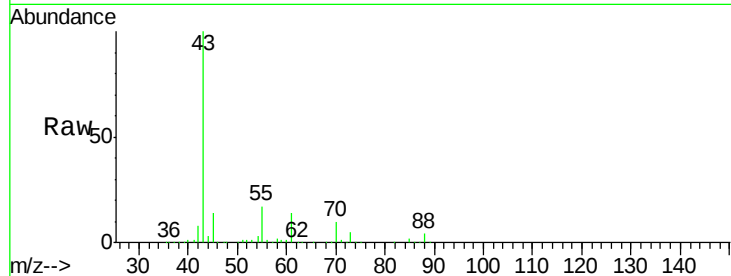
#37
Ethyl Acetate
Concen: 53.286 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.5	15.7
70	9.7	7.8	11.8

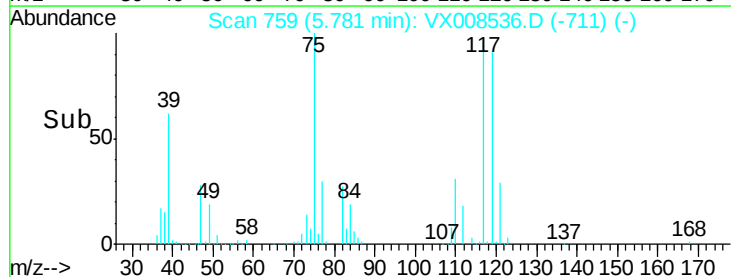
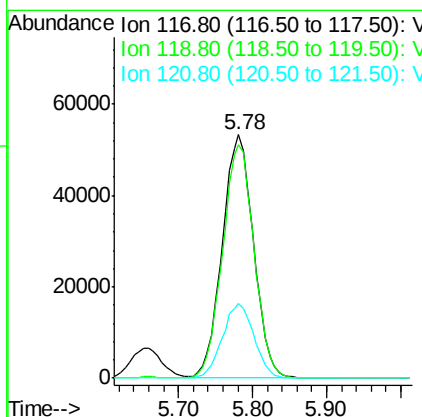
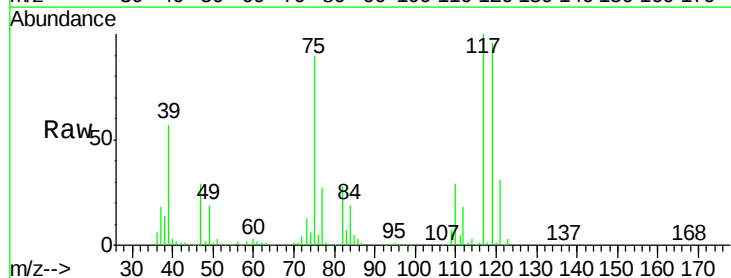
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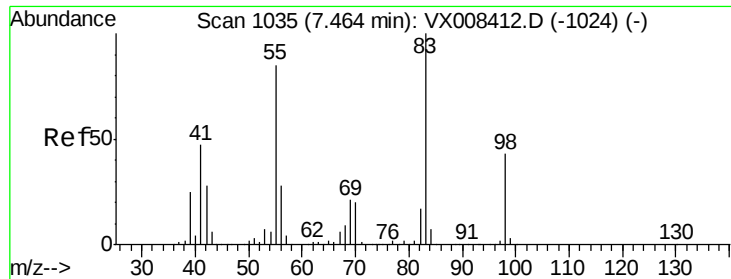
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3/30/2019 9:50:17 AM



#38
Carbon Tetrachloride
Concen: 55.063 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.7	115.1
121	30.5	24.3	36.5





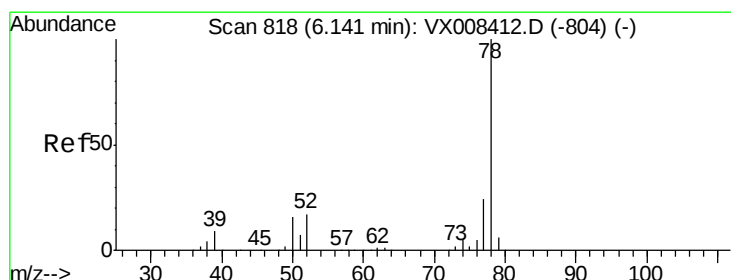
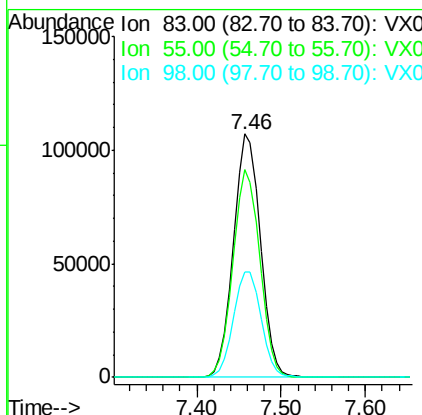
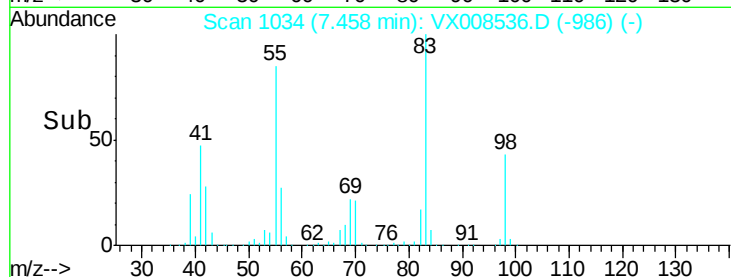
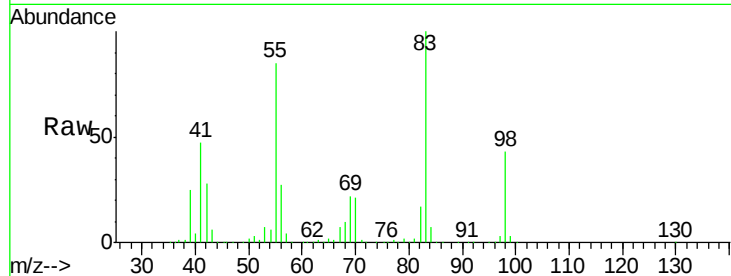
#39
Methvlcvclohexane
Concen: 56.951 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	231698		
55	85.2	68.2	102.4	
98	43.2	34.2	51.4	

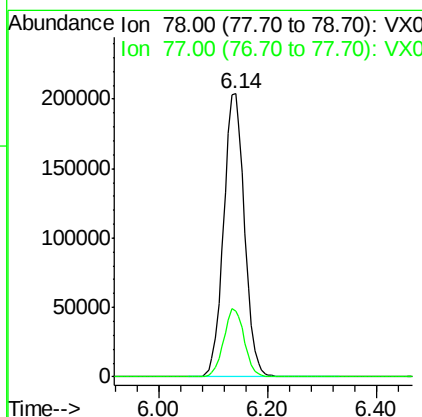
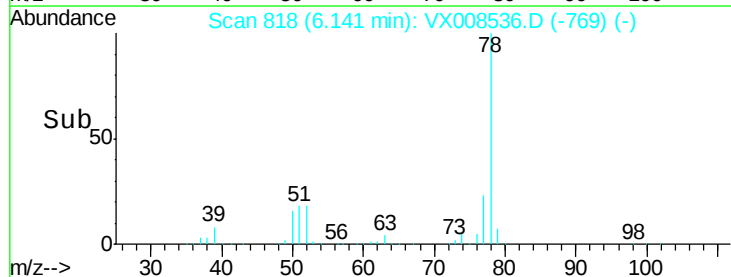
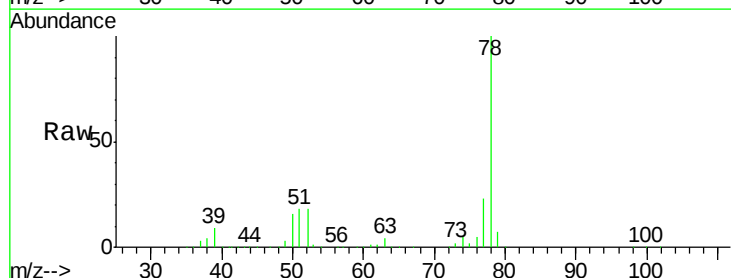
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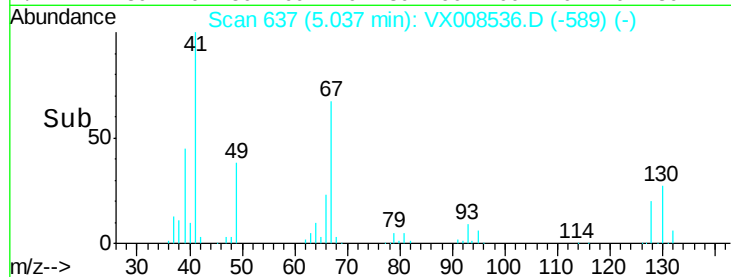
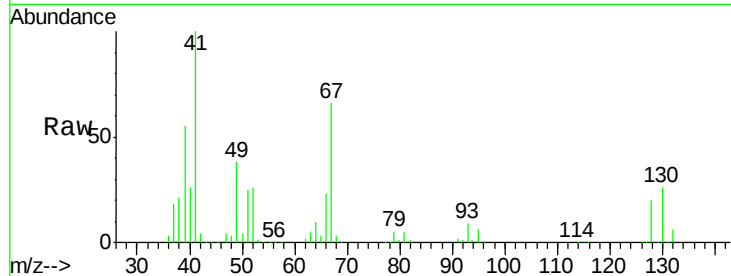
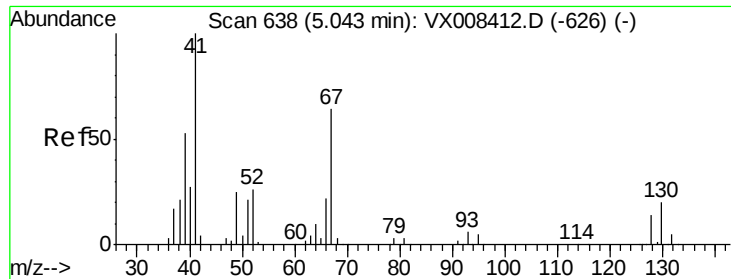
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#40
Benzene
Concen: 53.358 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	543801		
77	23.5	19.3	28.9	





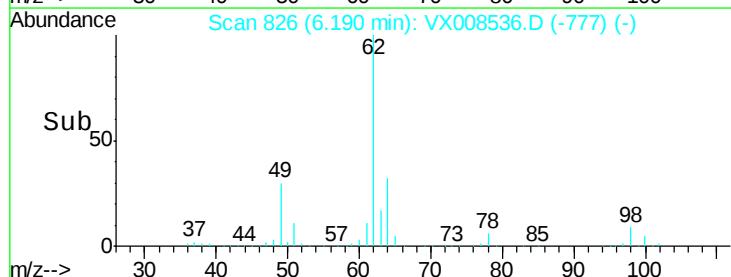
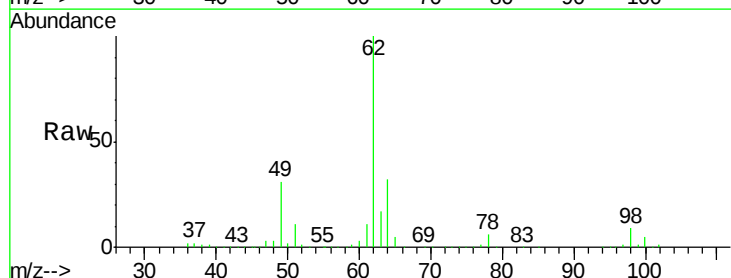
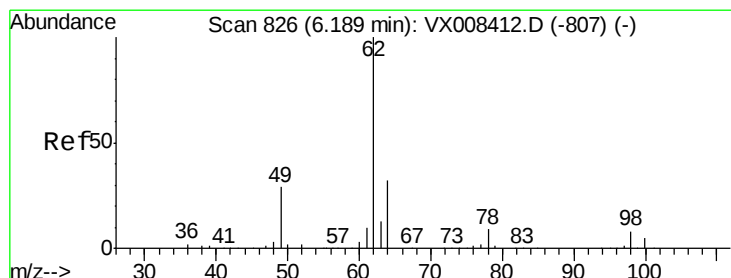
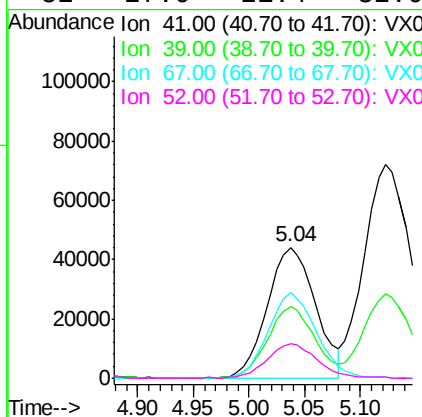
#41
Methacrylonitrile
Concen: 53.430 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		132420		
39	53.4	42.6	64.0		
67	65.7	52.2	78.4		
52	27.0	21.4	32.0		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

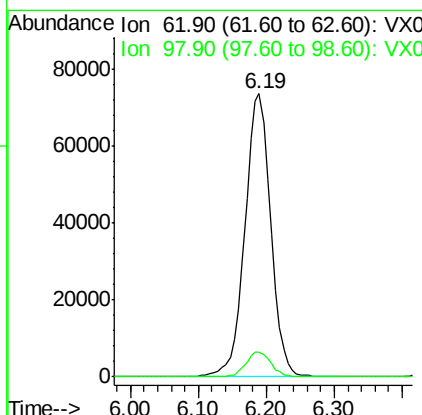
Manual Integrations
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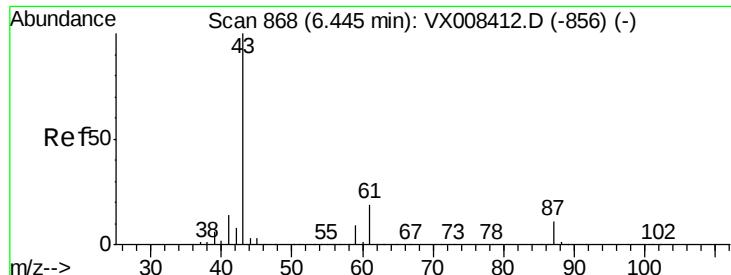
MMDadoda
3/30/2019 9:50:17 AM



#42
1,2-Dichloroethane
Concen: 51.937 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		193799		
98	8.7	0.0	17.6		





#43

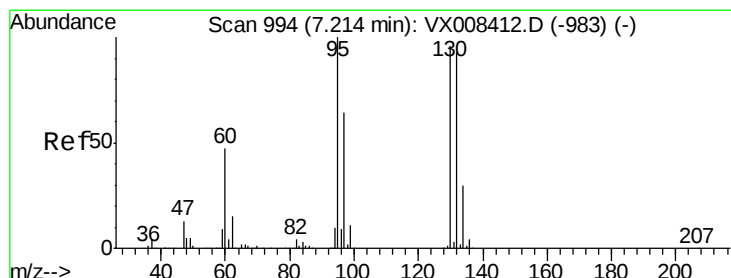
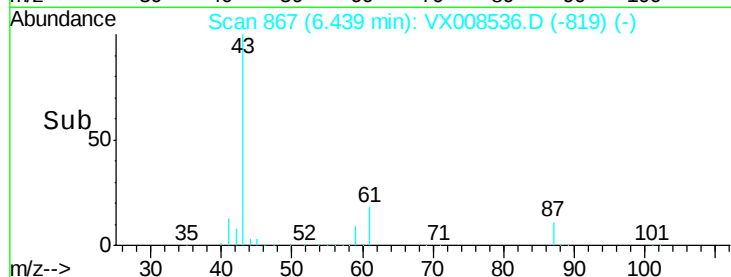
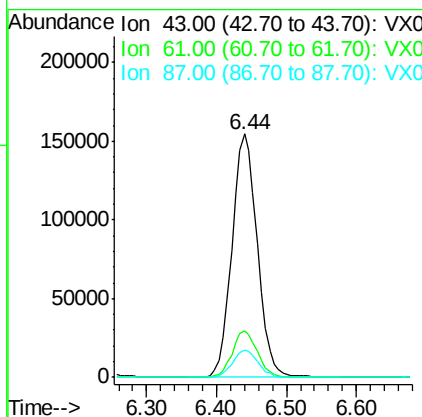
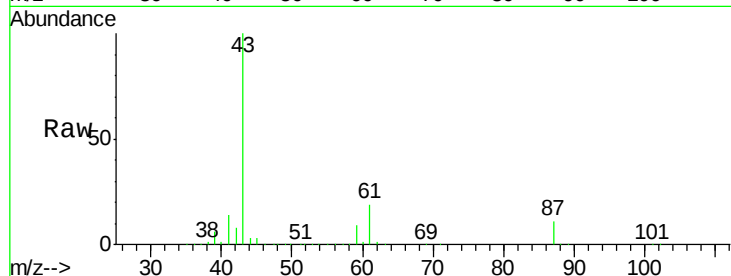
Isopropyl Acetate
 Concen: 54.719 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.2
87	11.3	9.1	13.7

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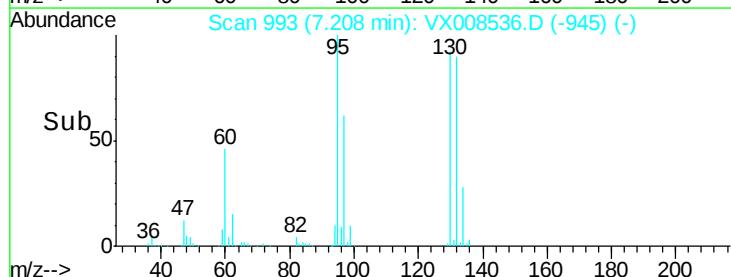
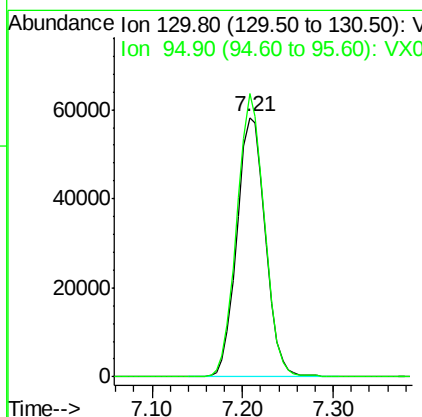
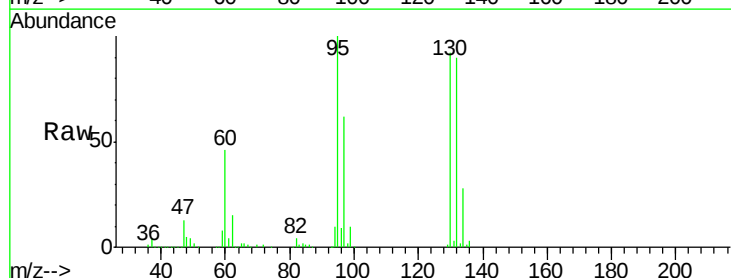
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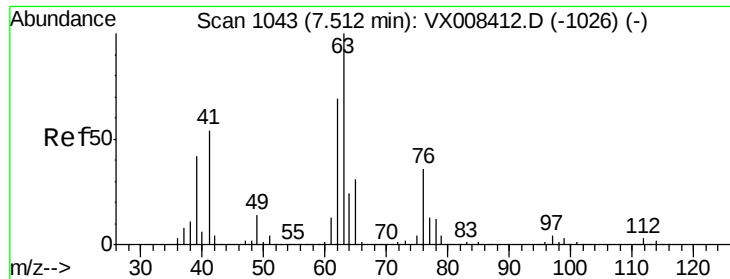


#44

Trichloroethene
 Concen: 53.187 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	109.0	0.0	208.8





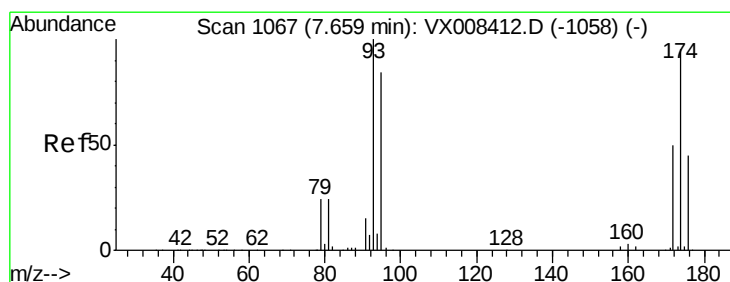
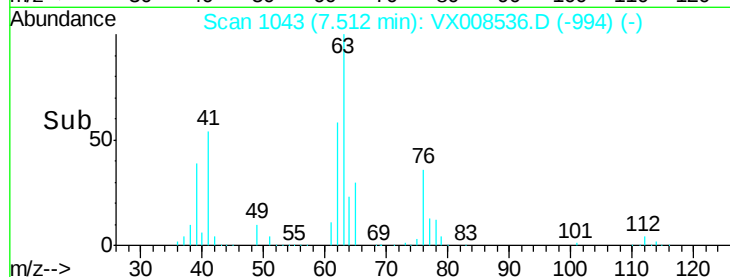
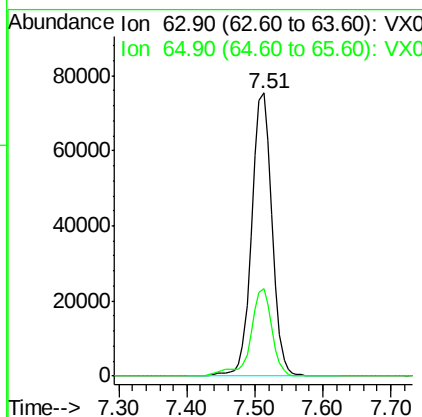
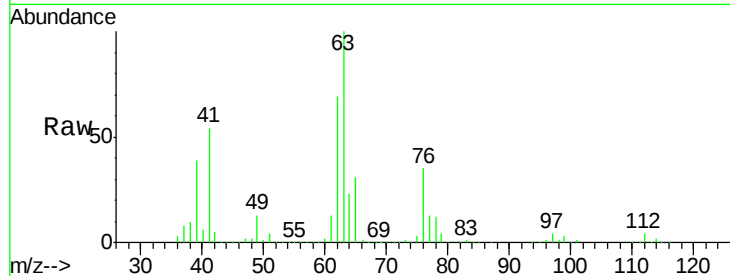
#45
 1,2-Dichloropropane
 Concen: 54.350 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 157443
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.1 37.7

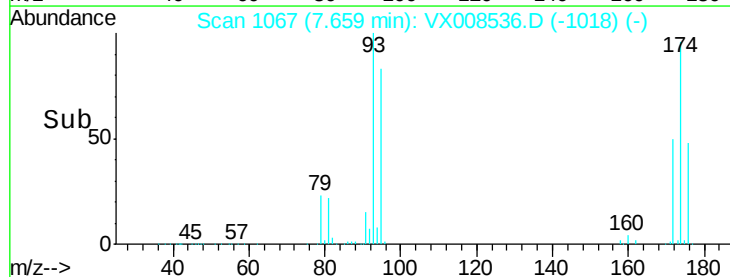
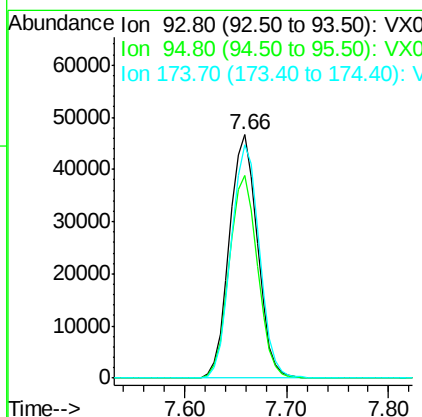
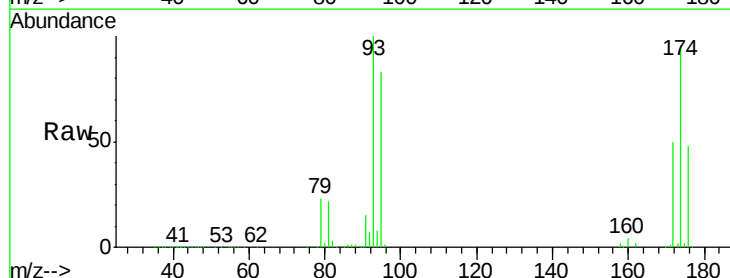
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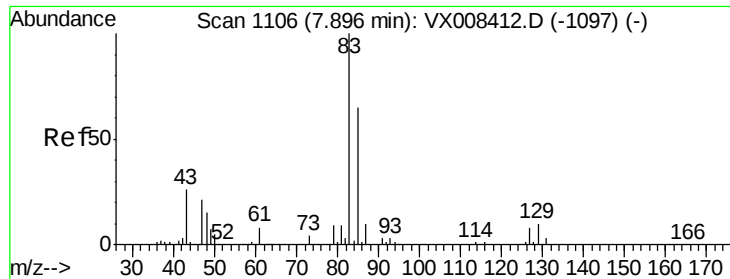
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#46
 Dibromomethane
 Concen: 52.703 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion: 93 Resp: 89153
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.6
 174 96.3 76.0 114.0





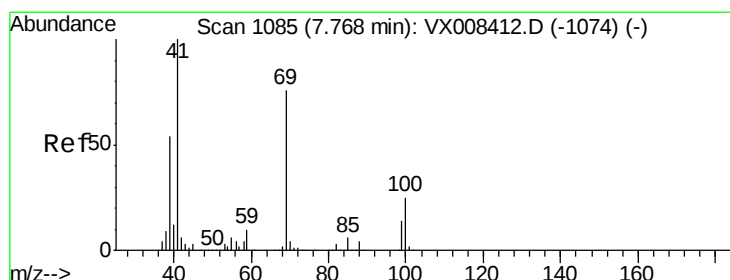
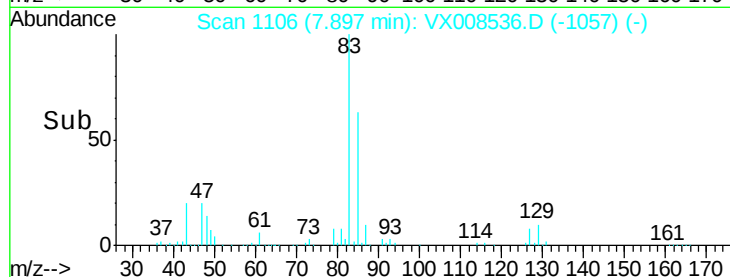
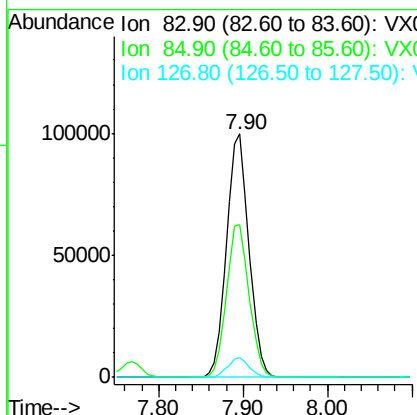
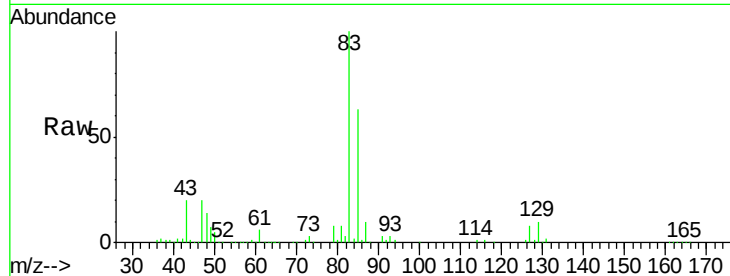
#47
 Bromodichloromethane
 Concen: 55.941 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	181127
Ion Ratio	100	Lower	Upper
83	100		
85	62.7	52.0	78.0
127	8.0	6.4	9.6

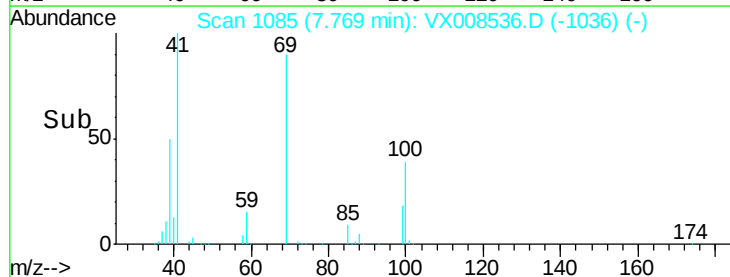
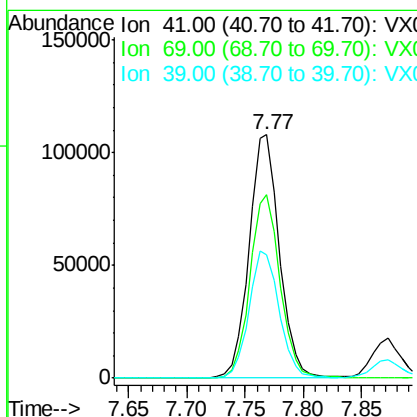
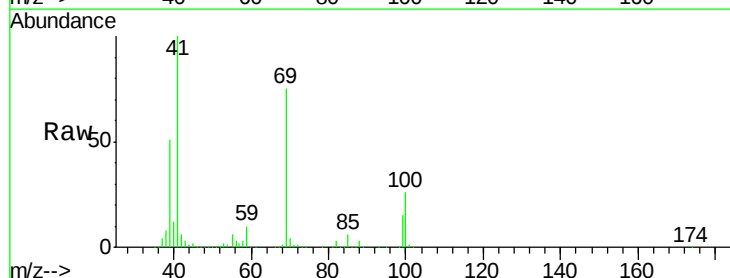
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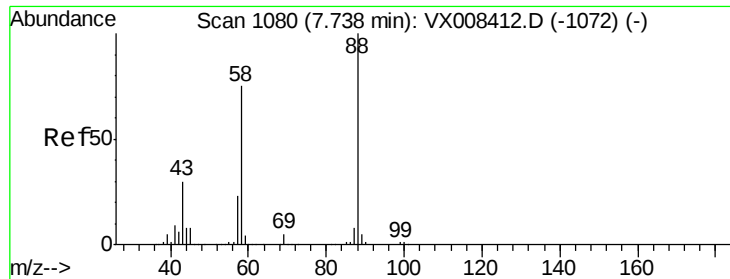
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#48
 Methyl methacrylate
 Concen: 55.341 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion	41	Resp	195332
Ion Ratio	100	Lower	Upper
41	100		
69	75.3	60.8	91.2
39	52.1	42.3	63.5





#49

1,4-Dioxane

Concen: 998.172 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

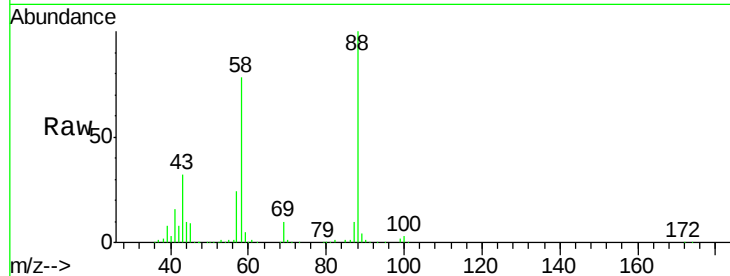
ClientSampleId :

VSTDCCC050

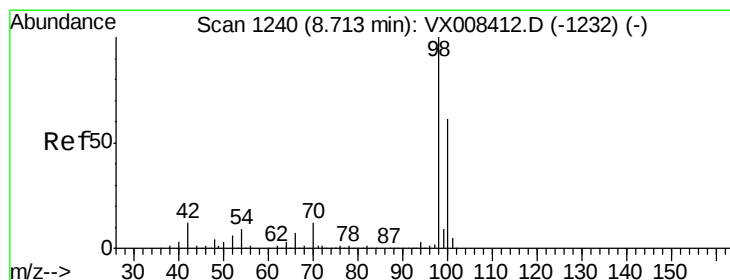
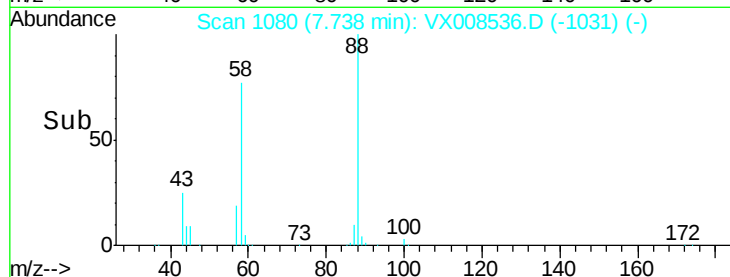
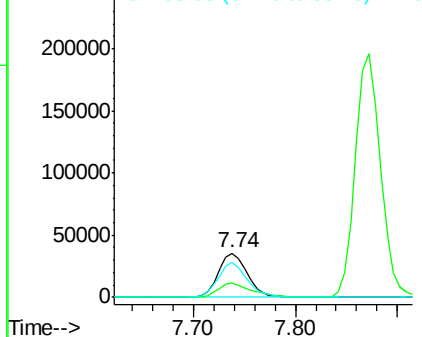
Tot Ion:	88	Resp:	70052
Ion	Ratio	Lower	Upper
88	100		
43	36.6	28.6	43.0
58	79.5	63.0	94.4

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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: 55.238 ug/l

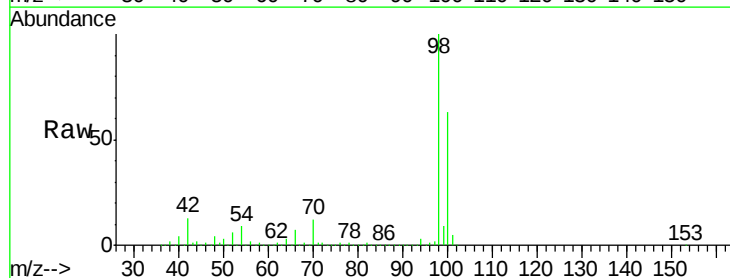
RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

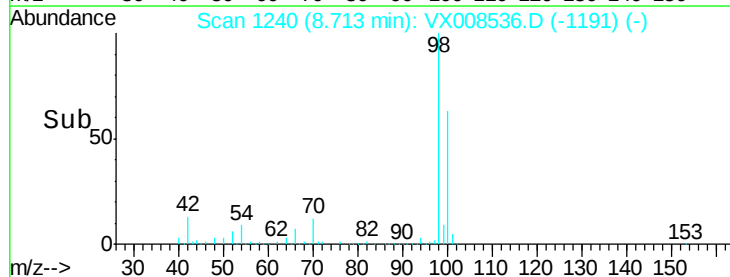
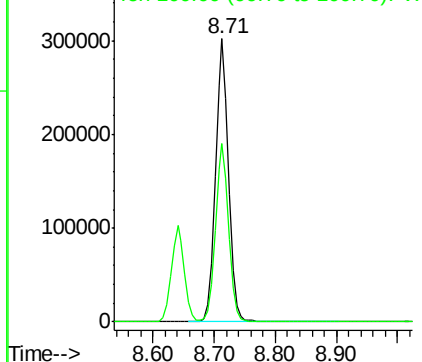
Lab File: VX008536.D

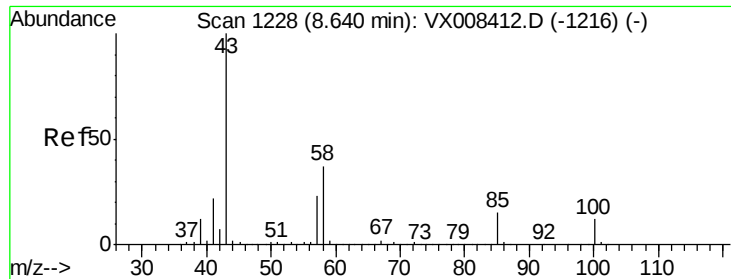
Acq: 29 Mar 2019 10:37

Tgt Ion:	98	Resp:	459830
Ion	Ratio	Lower	Upper
98	100		
100	64.0	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: 275.116 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1260498

Ion Ratio Lower Upper

43 100

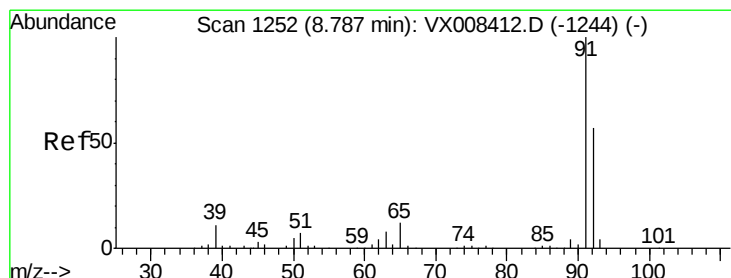
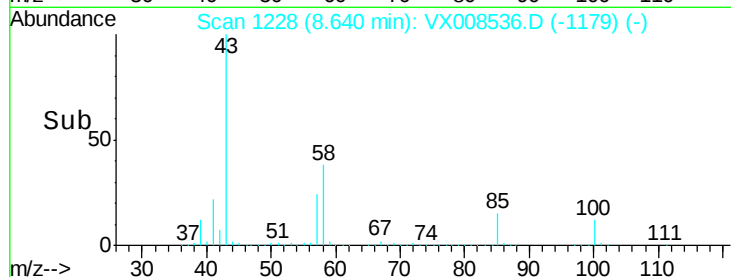
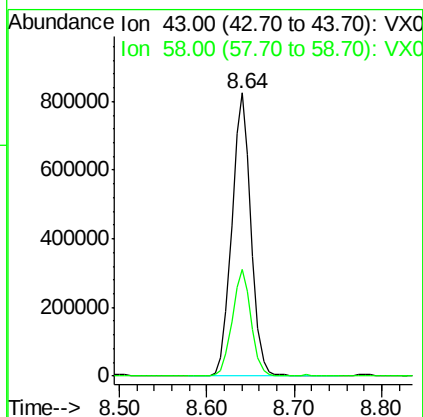
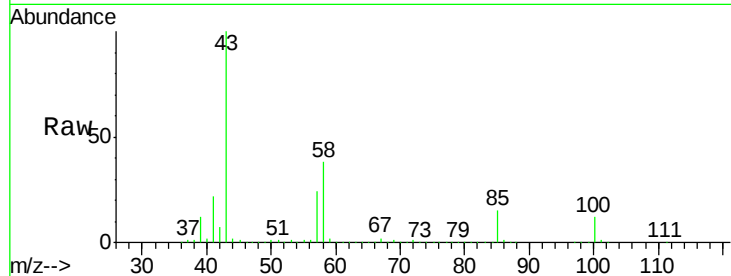
58 37.2 29.8 44.8

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#52

Toluene

Concen: 54.394 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008536.D

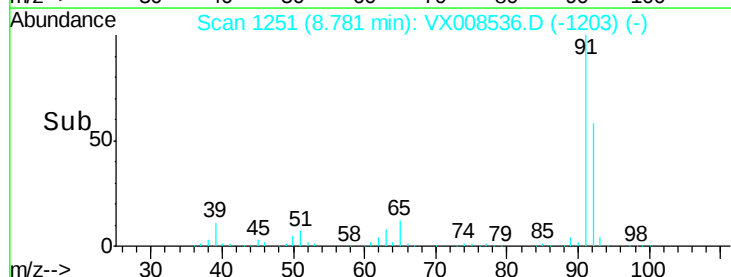
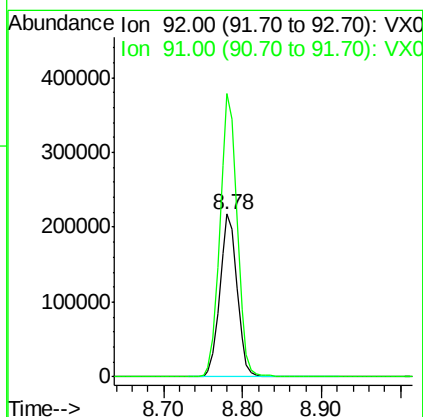
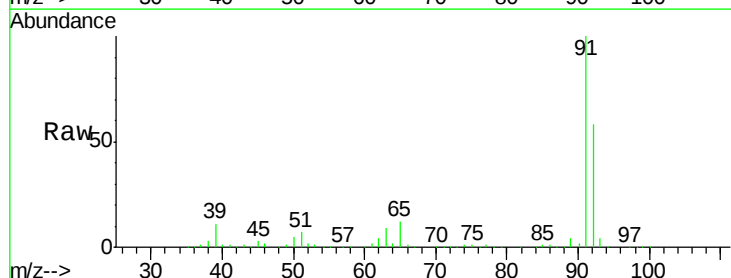
Acq: 29 Mar 2019 10:37

Tgt Ion: 92 Resp: 331469

Ion Ratio Lower Upper

92 100

91 174.0 140.2 210.4





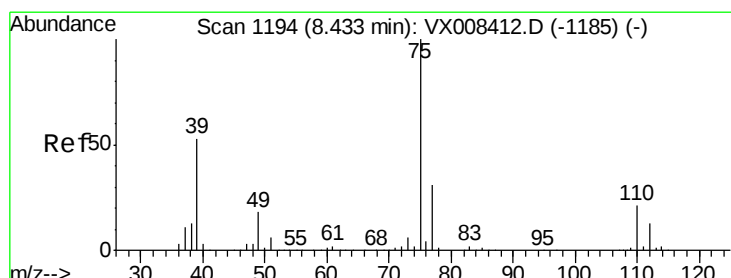
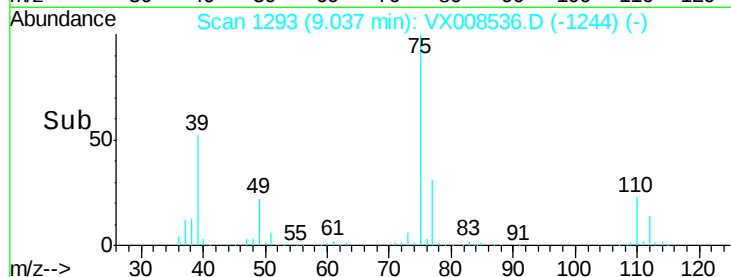
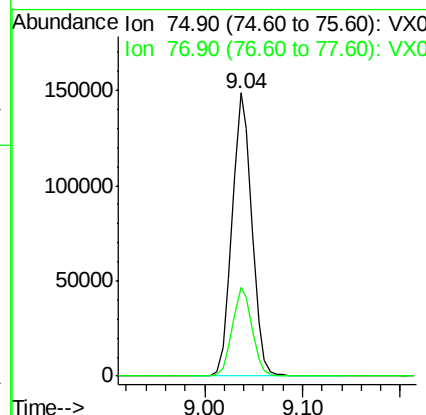
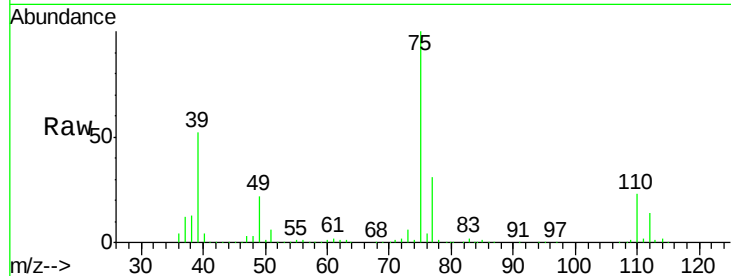
#53
t-1,3-Dichloropropene
Concen: 58.921 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.3	36.5

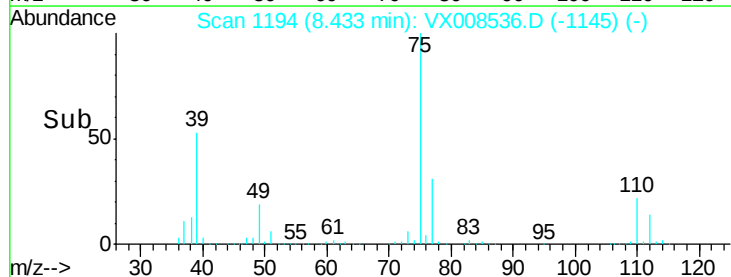
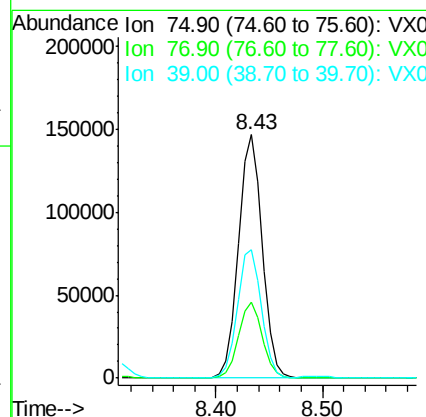
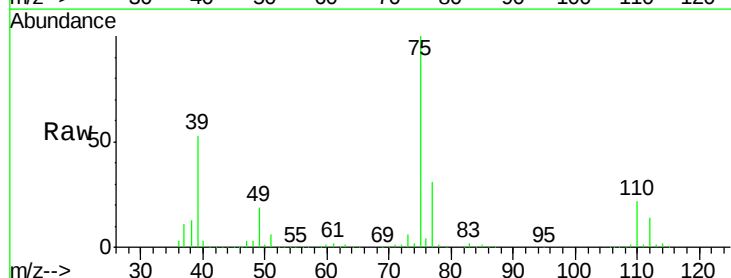
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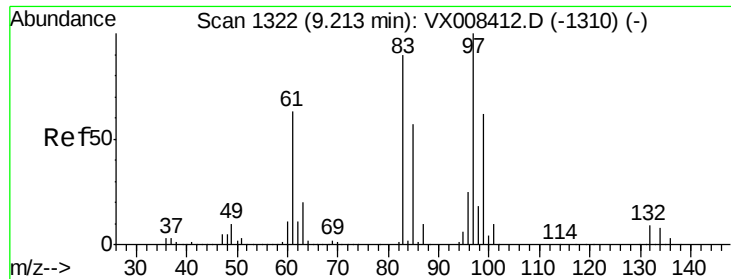
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#54
cis-1,3-Dichloropropene
Concen: 57.098 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.7	37.1
39	52.5	42.4	63.6





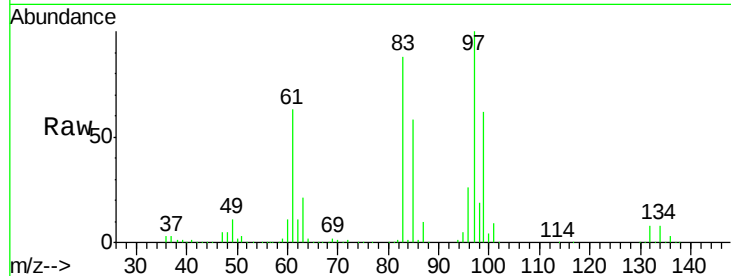
#55
 1,1,2-Trichloroethane
 Concen: 54.249 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

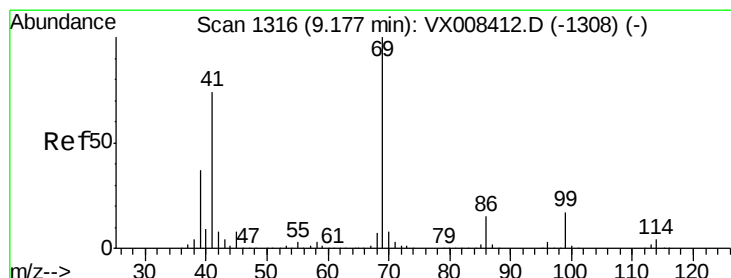
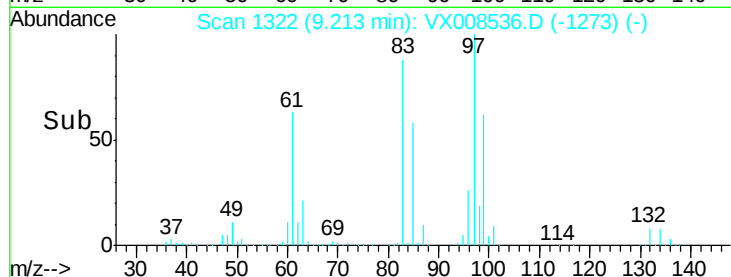
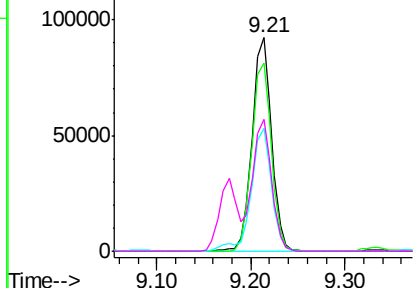
Tot Ion:	97	Resp:	134569
Ion	Ratio	Lower	Upper
97	100		
83	87.9	71.8	107.6
85	57.5	45.9	68.9
99	61.7	49.4	74.0

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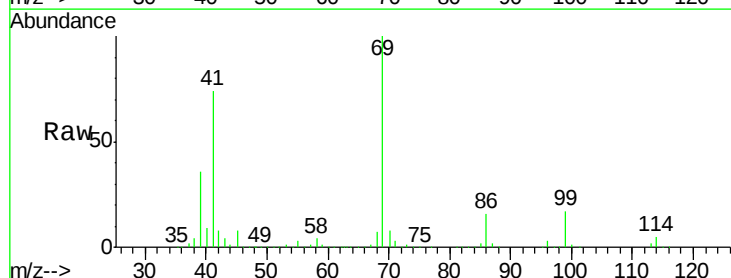


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

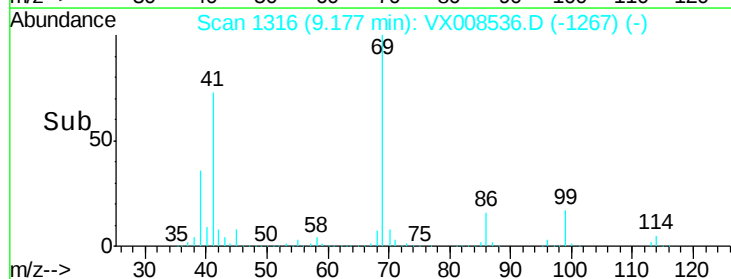
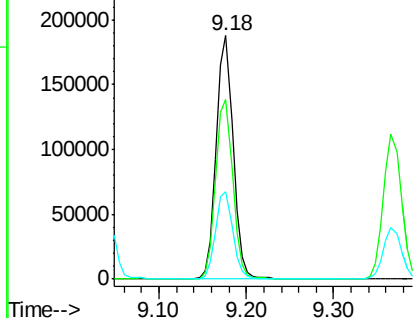


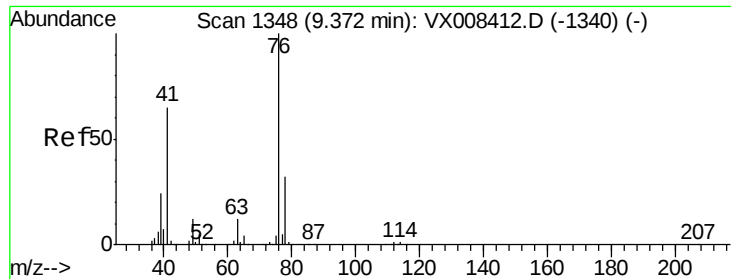
#56
 Ethyl methacrylate
 Concen: 56.283 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion:	69	Resp:	252016
Ion	Ratio	Lower	Upper
69	100		
41	74.6	59.5	89.3
39	36.6	29.3	43.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.309 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 237092

Ion Ratio Lower Upper

76 100

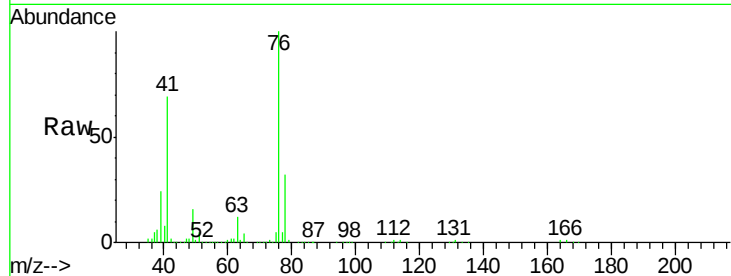
78 32.4 25.8 38.8

Manual Integrations

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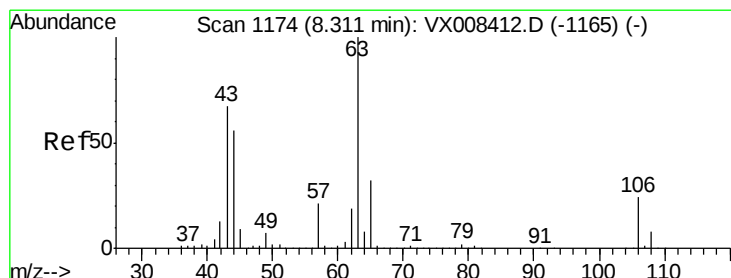
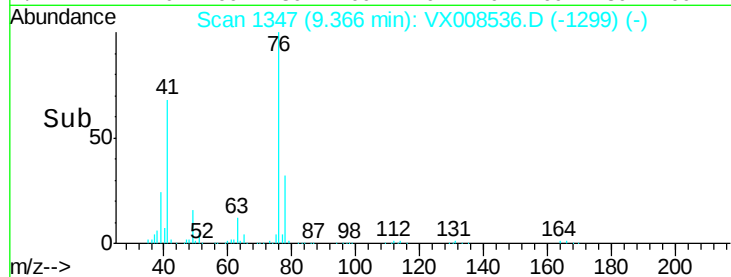
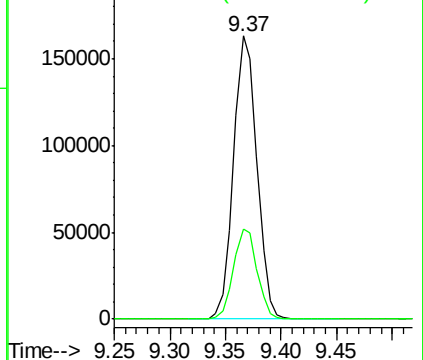
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 285.852 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008536.D

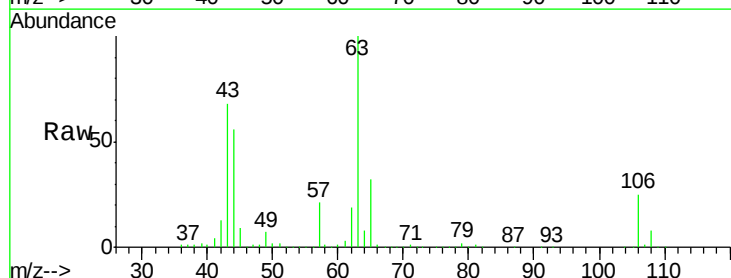
Acq: 29 Mar 2019 10:37

Tgt Ion: 63 Resp: 661631

Ion Ratio Lower Upper

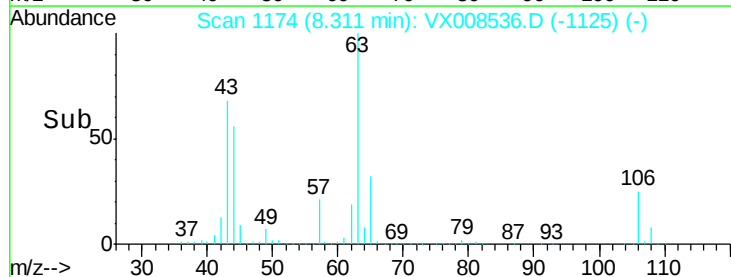
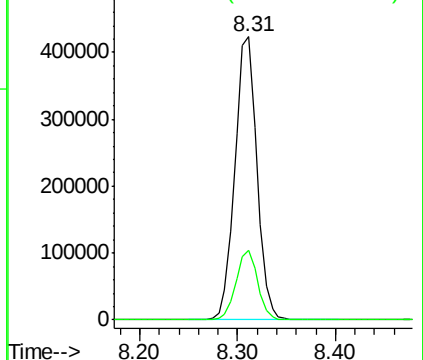
63 100

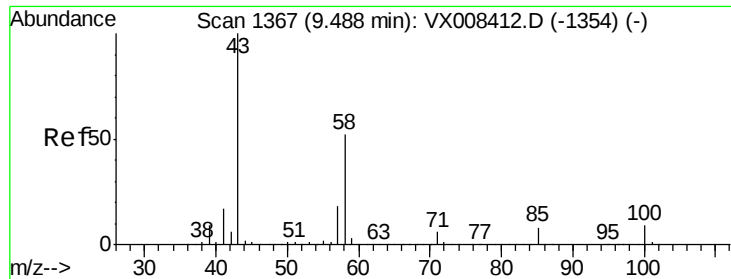
106 24.1 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





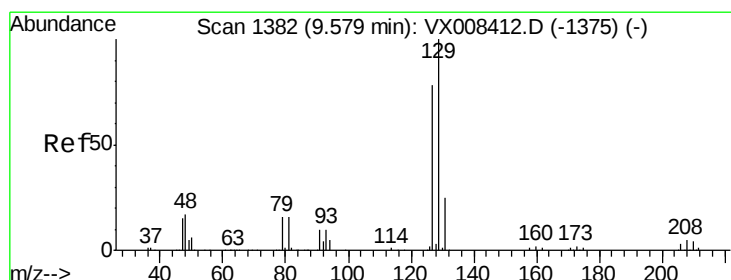
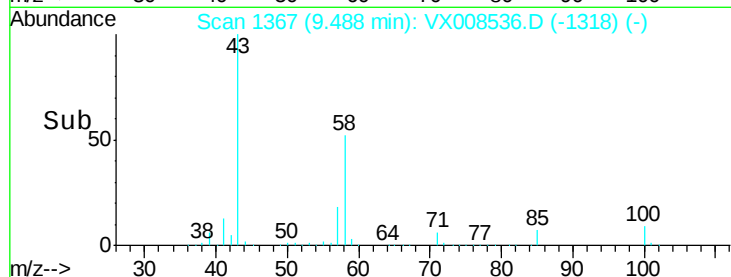
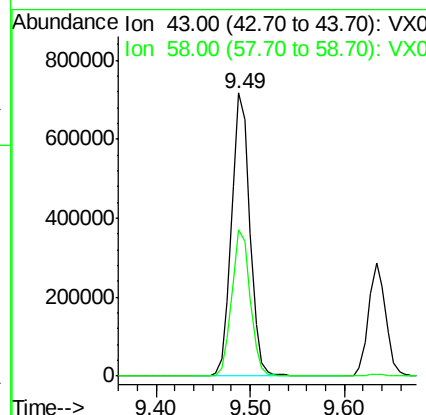
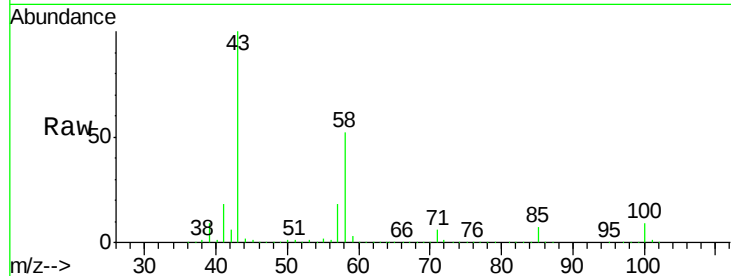
#59
2-Hexanone
Concen: 273.108 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	58	Ratio	Lower	Upper
43	100				
58	52.2		26.3	78.9	

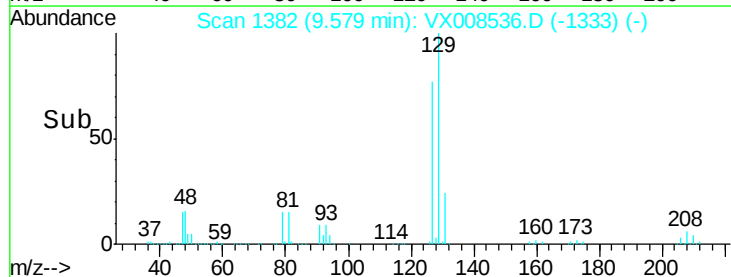
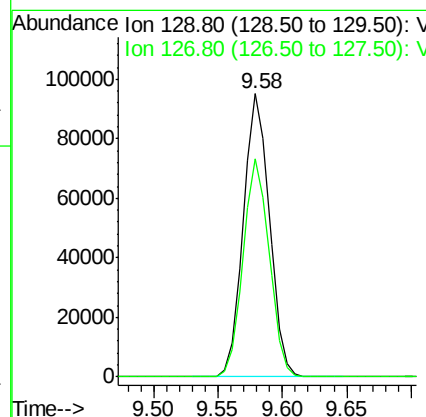
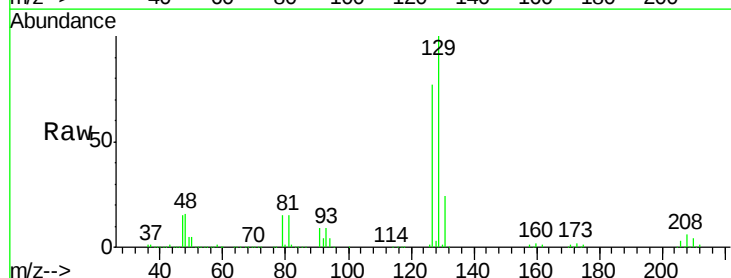
Manual Integrations
APPROVED

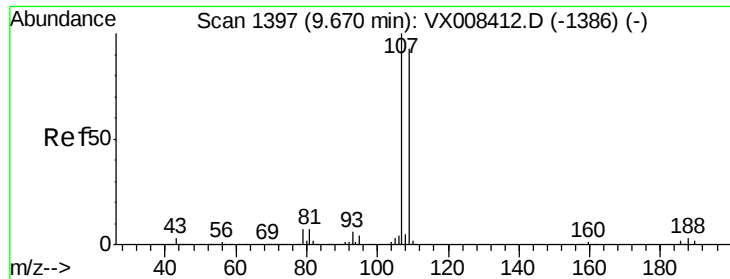
MMDadoda
3/30/2019 9:50:17 AM



#60
Dibromochloromethane
Concen: 56.667 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion	129	127	Ratio	Lower	Upper
129	100				
127	77.0		38.1	114.3	





#61

1,2-Dibromoethane

Concen: 54.293 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 137443

Ion Ratio Lower Upper

107 100

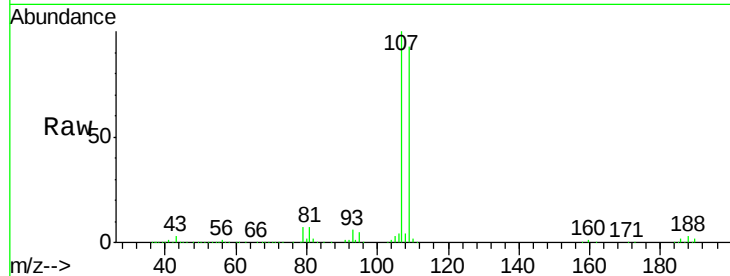
109 93.4 74.6 111.8

Manual Integrations

APPROVED

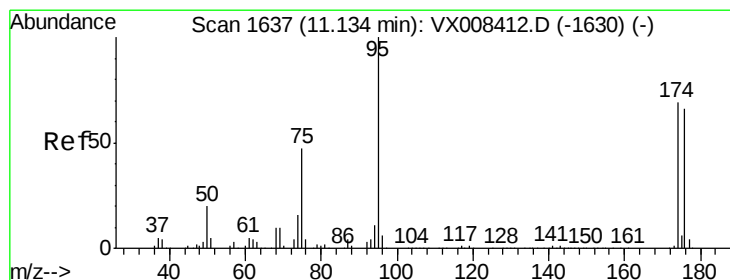
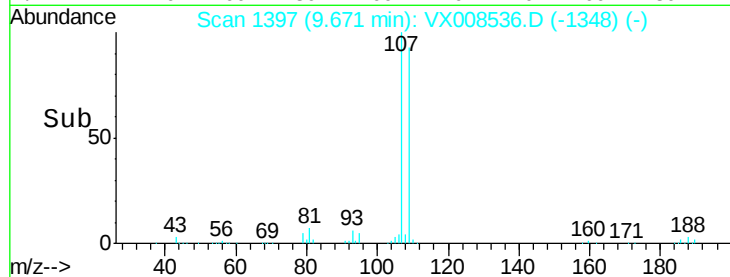
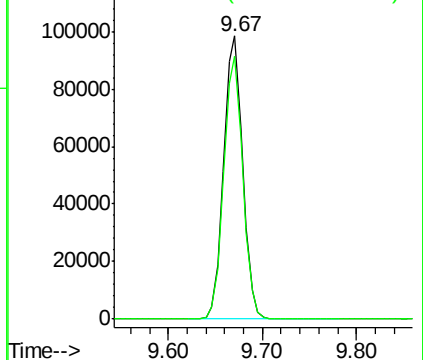
MMDadoda

3/30/2019 9:50:17 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.250 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

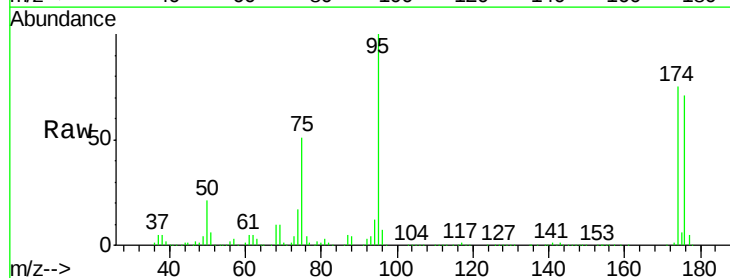
Tgt Ion: 95 Resp: 173519

Ion Ratio Lower Upper

95 100

174 76.5 0.0 147.2

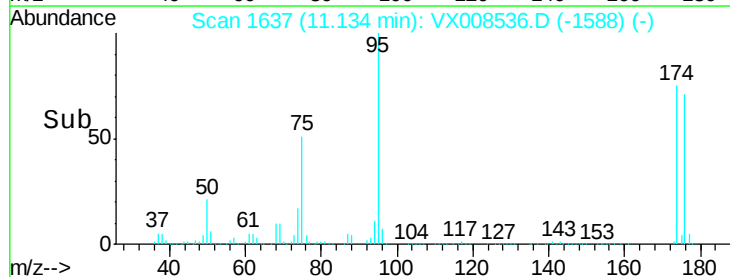
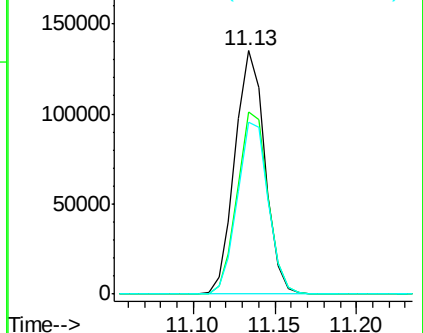
176 73.1 0.0 142.4

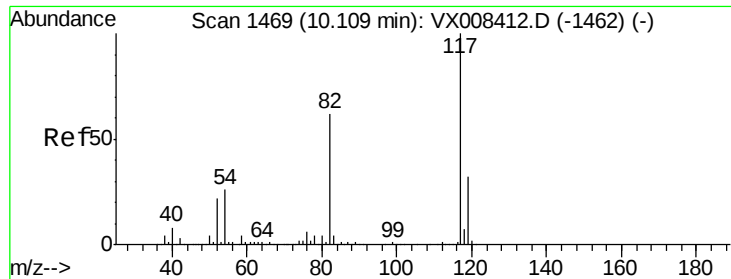


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





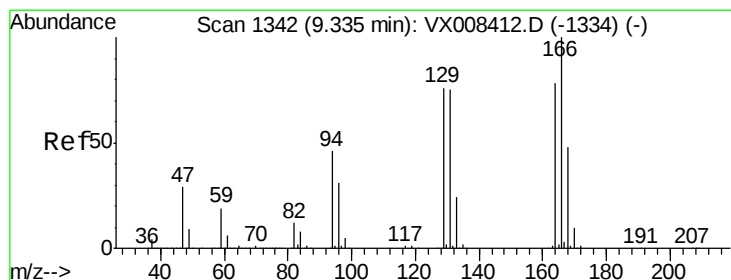
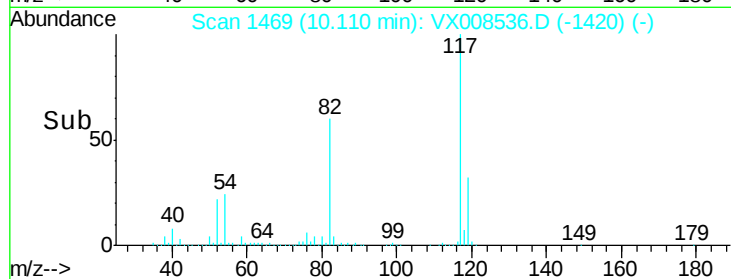
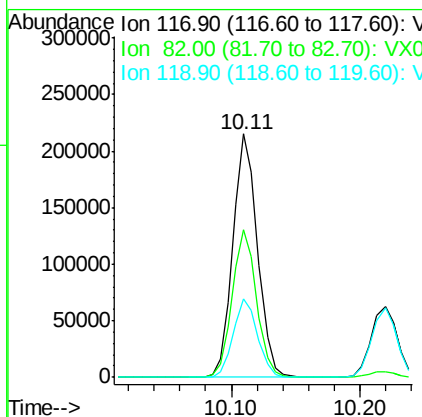
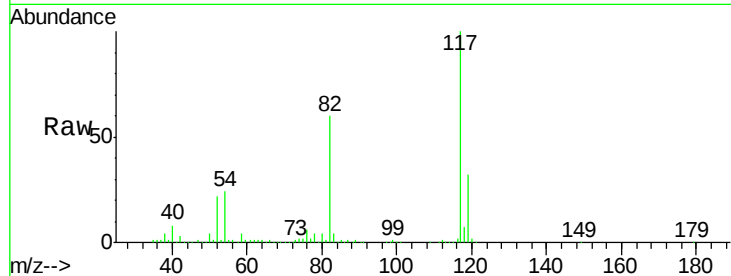
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	286803		
82	60.4		49.4	74.2
119	32.1		25.4	38.0

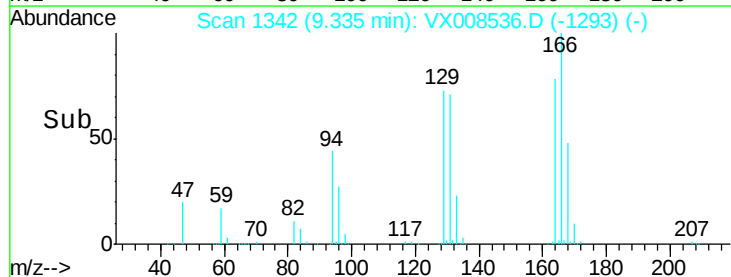
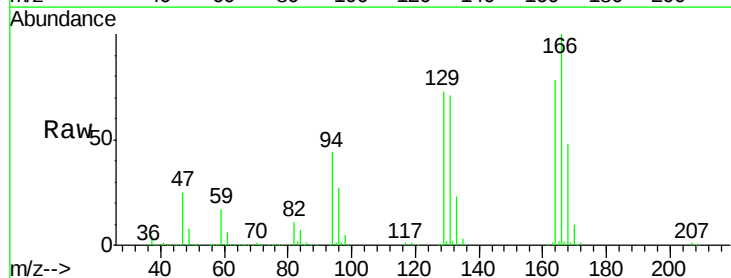
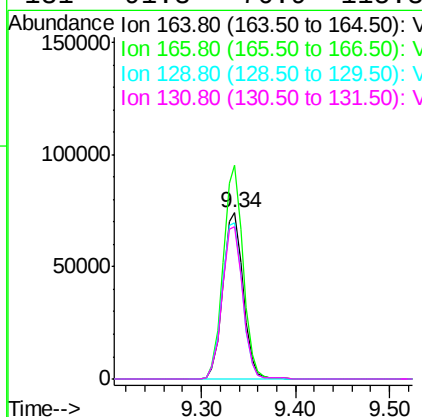
Manual Integrations
APPROVED

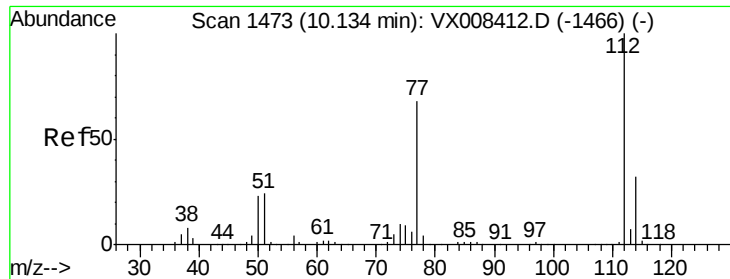
MMDadoda
3/30/2019 9:50:17 AM



#64
Tetrachloroethene
Concen: 56.525 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	109752		
166	128.5		102.5	153.7
129	93.8		77.8	116.8
131	91.3		76.9	115.3





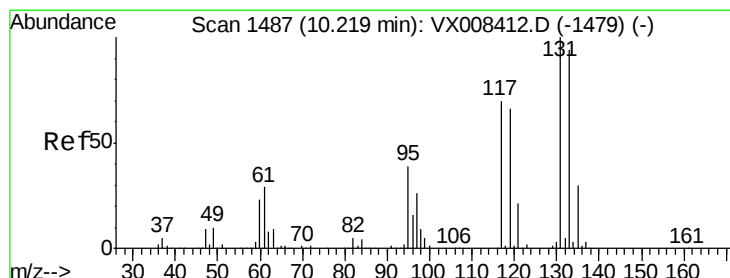
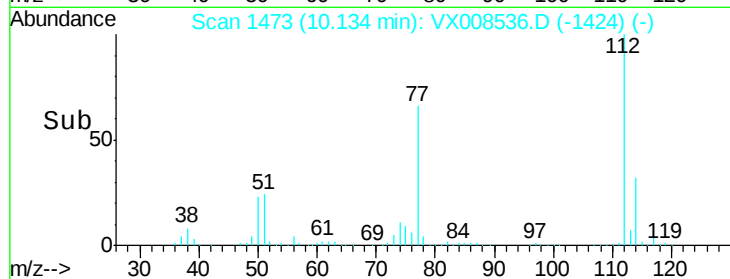
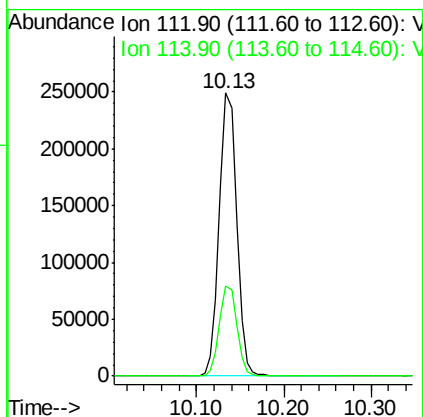
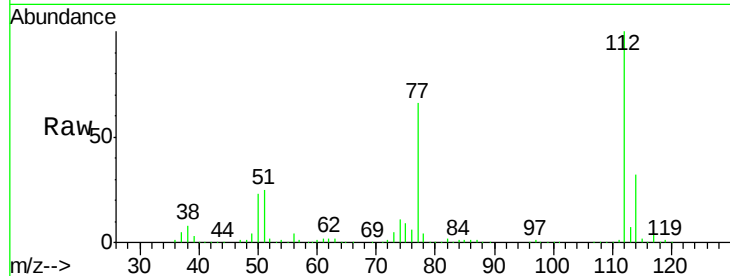
#65
Chlorobenzene
Concen: 55.403 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 345554
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

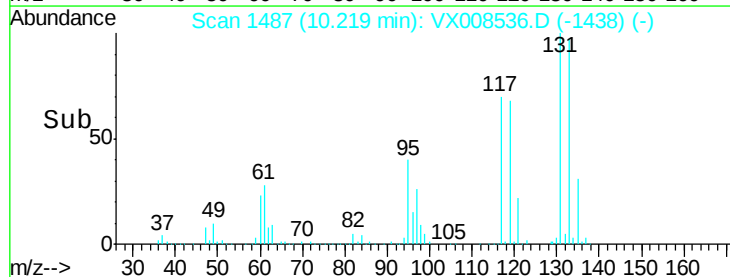
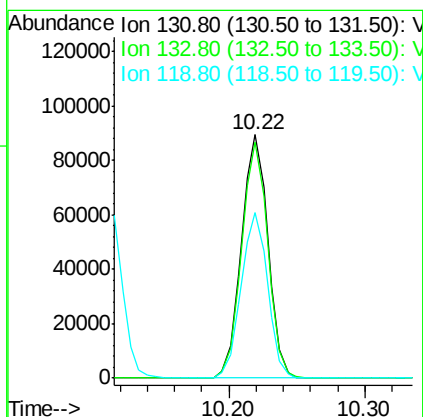
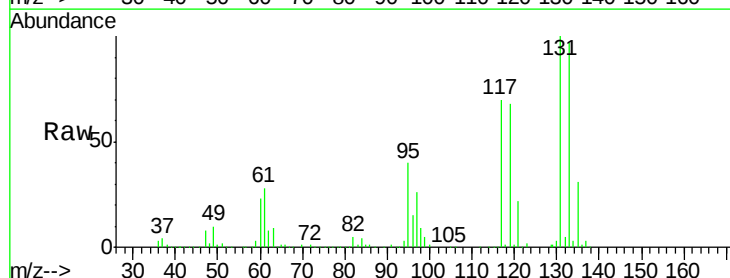
Manual Integrations
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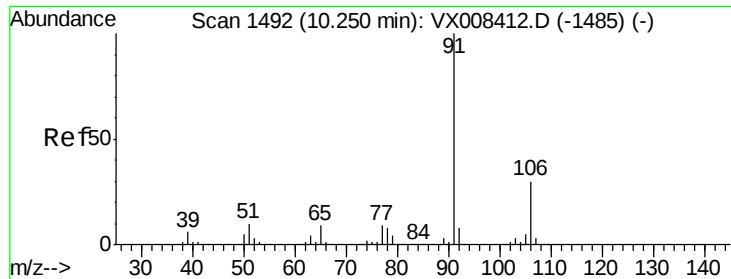
MMDadoda
3/30/2019 9:50:17 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 56.371 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion:131 Resp: 121302
Ion Ratio Lower Upper
131 100
133 96.0 47.3 141.8
119 68.3 33.6 100.6





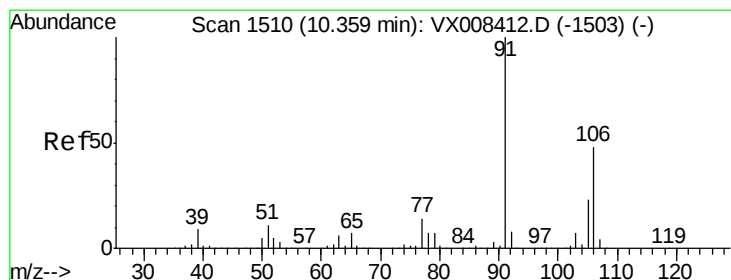
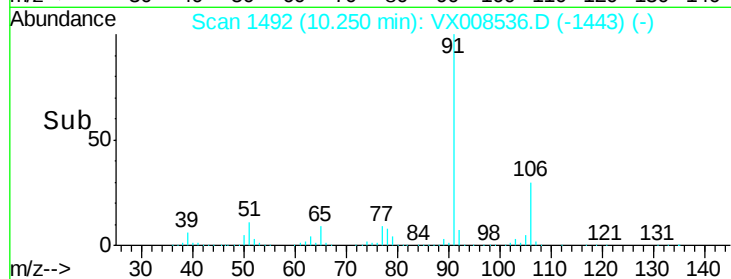
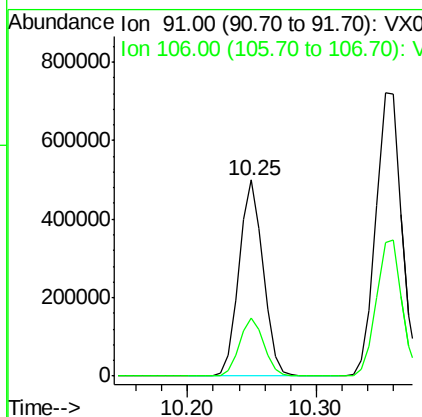
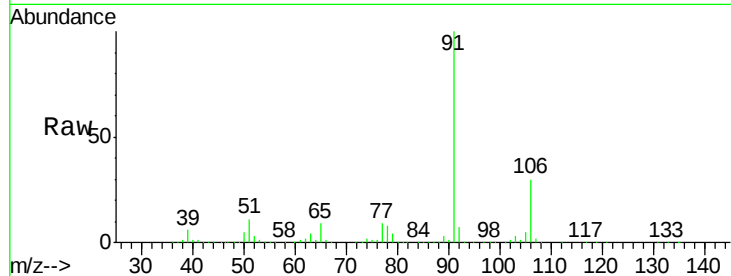
#67
Ethyl Benzene
Concen: 55.299 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 650940
Ion Ratio Lower Upper
91 100
106 29.8 24.0 36.0

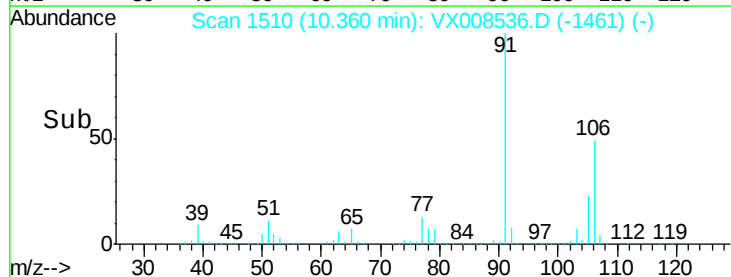
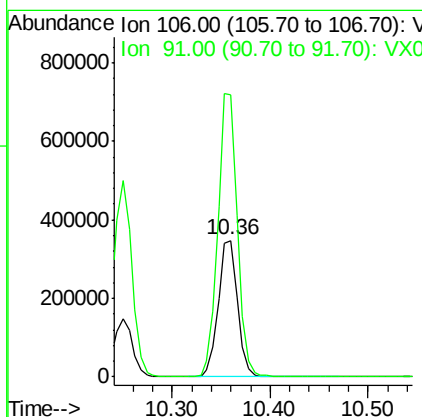
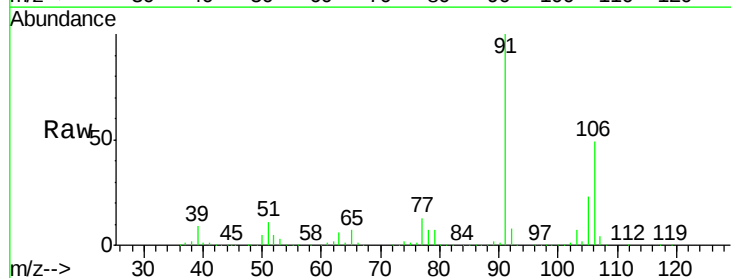
Manual Integrations
APPROVED

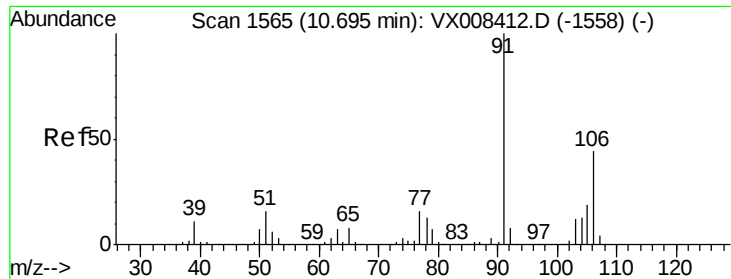
MMDadoda
3/30/2019 9:50:17 AM



#68
m/p-Xylenes
Concen: 111.365 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion: 106 Resp: 476900
Ion Ratio Lower Upper
106 100
91 208.6 168.6 253.0





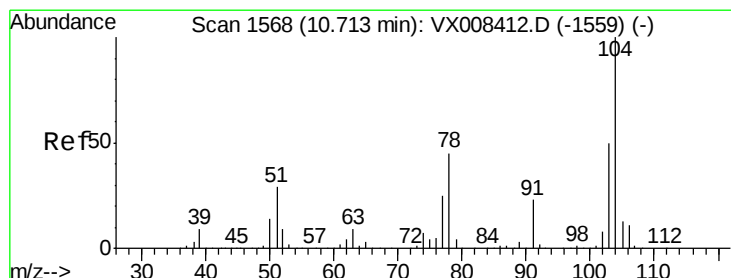
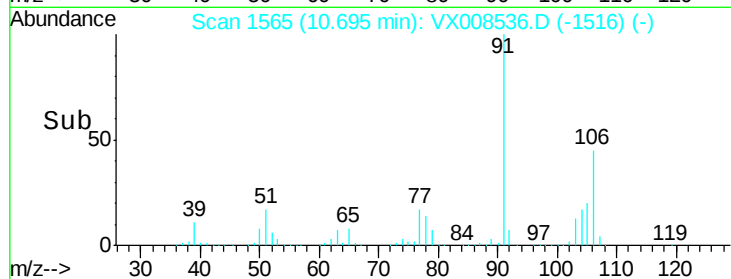
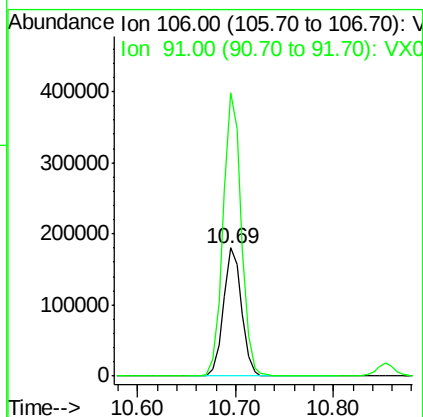
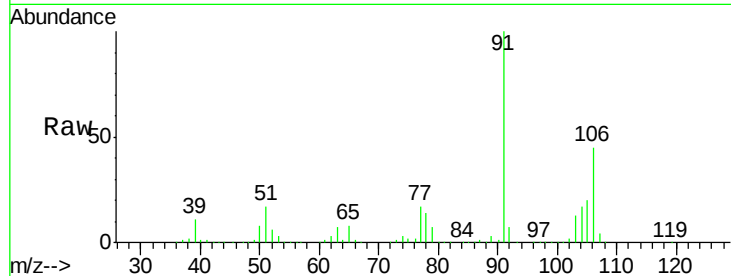
#69
o-Xylene
Concen: 55.428 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 230343
Ion Ratio Lower Upper
106 100
91 221.9 111.4 334.2

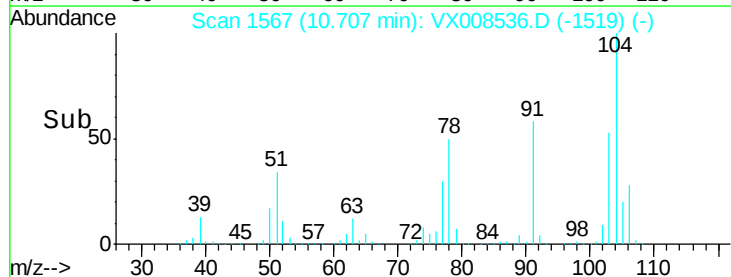
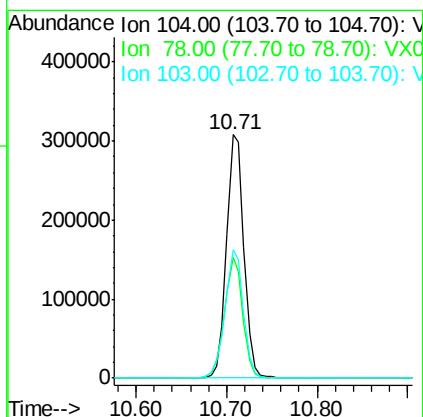
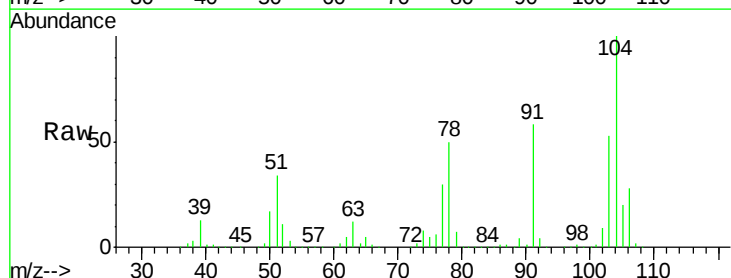
Manual Integrations
APPROVED

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3/30/2019 9:50:17 AM



#70
Styrene
Concen: 57.005 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion:104 Resp: 409199
Ion Ratio Lower Upper
104 100
78 52.5 42.5 63.7
103 55.5 44.2 66.4





#71

Bromoform

Concen: 58.178 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 98867

Ion Ratio Lower Upper

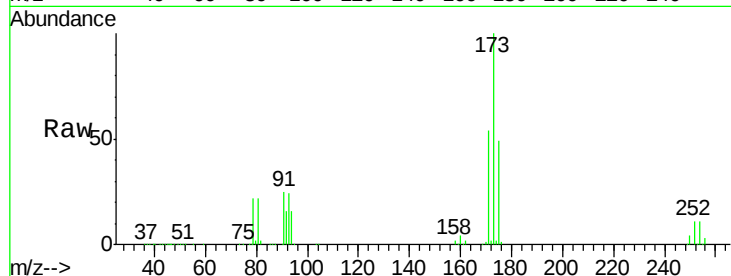
173 100

175 48.6 24.3 72.8

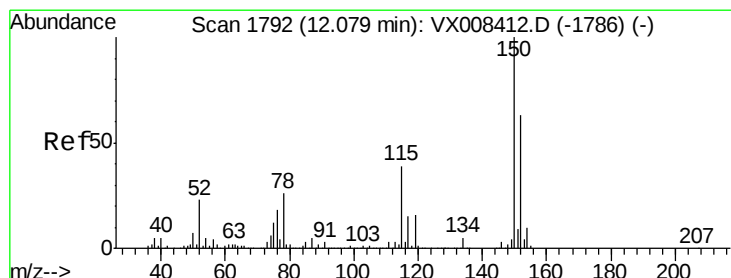
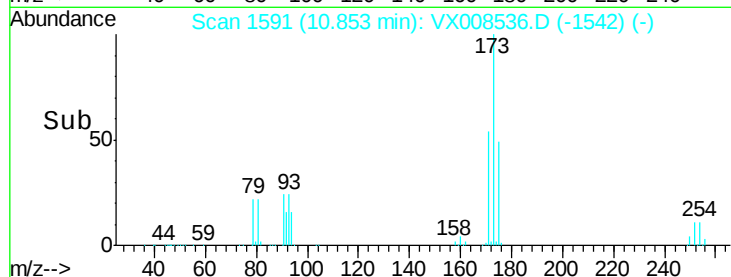
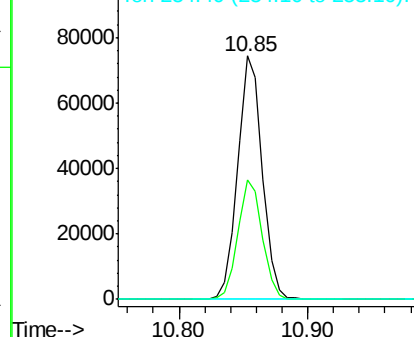
254 0.1 0.2 0.2#

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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

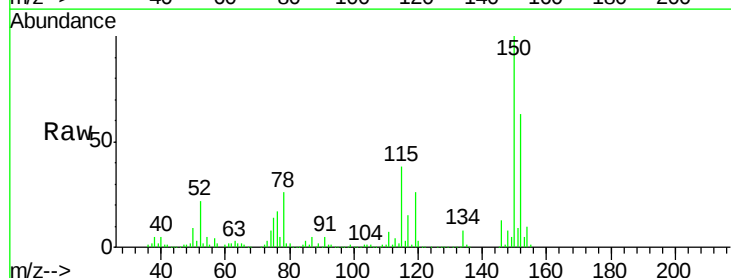
Tgt Ion:152 Resp: 139428

Ion Ratio Lower Upper

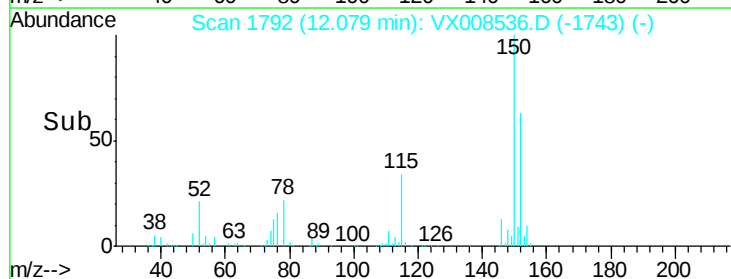
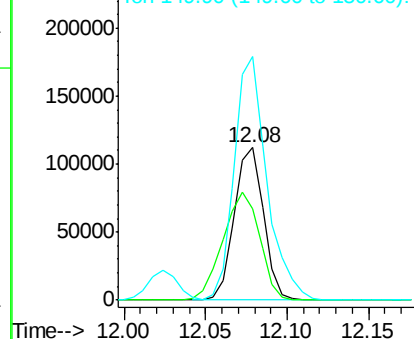
152 100

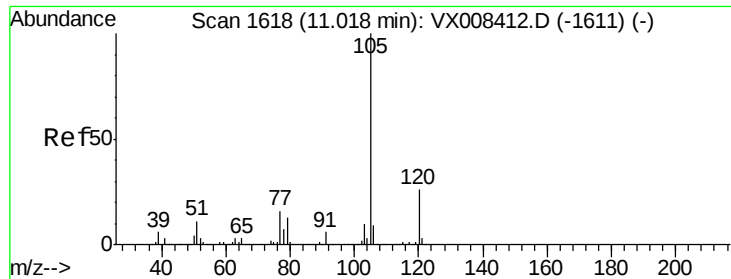
115 89.9 43.5 130.5

150 177.7 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: 54.618 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 619535

Ion Ratio Lower Upper

105 100

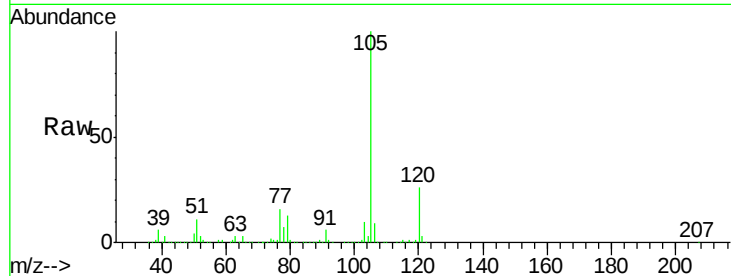
120 25.6 12.9 38.7

Manual Integrations

APPROVED

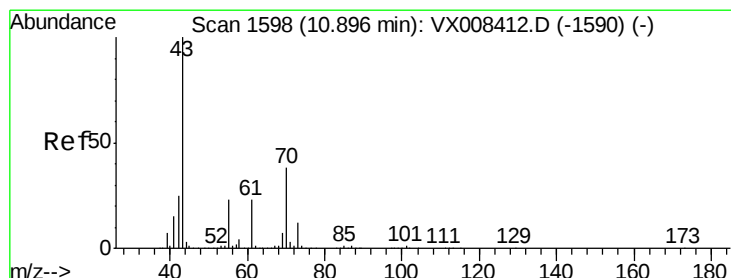
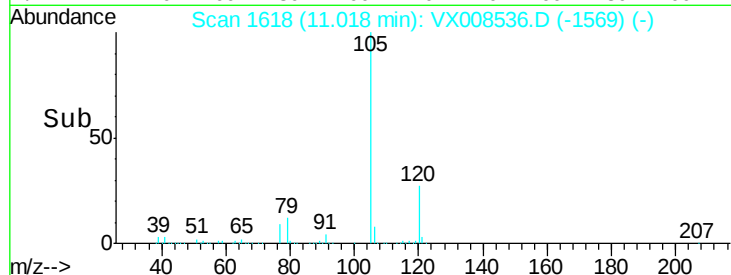
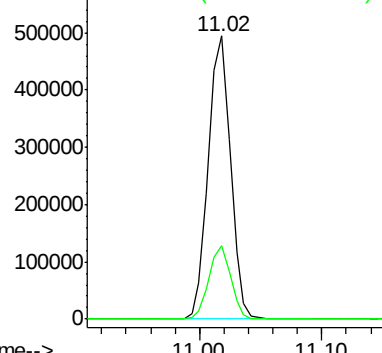
MMDadoda

3/30/2019 9:50:17 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: 53.707 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Tgt Ion: 43 Resp: 352614

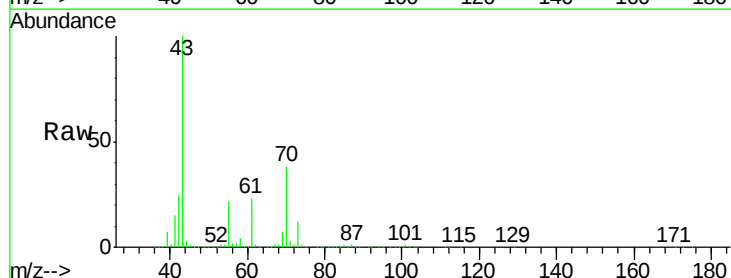
Ion Ratio Lower Upper

43 100

70 37.8 30.5 45.7

55 22.7 18.2 27.2

61 22.9 18.4 27.6

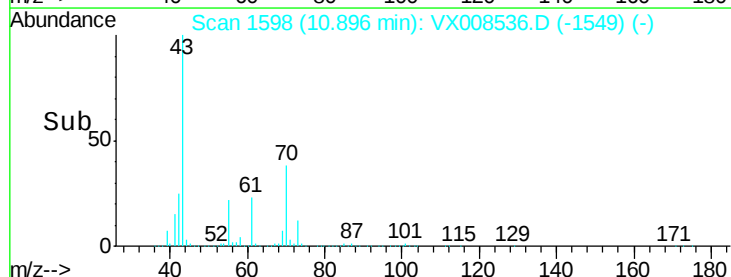
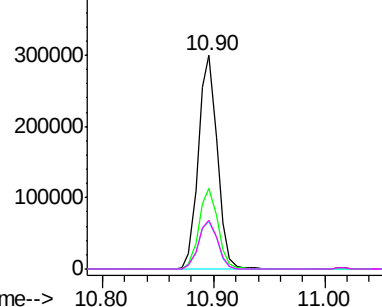


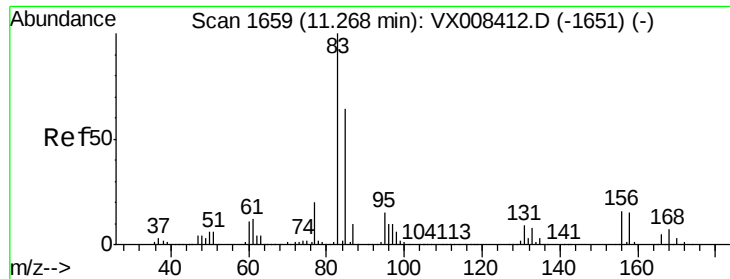
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.709 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

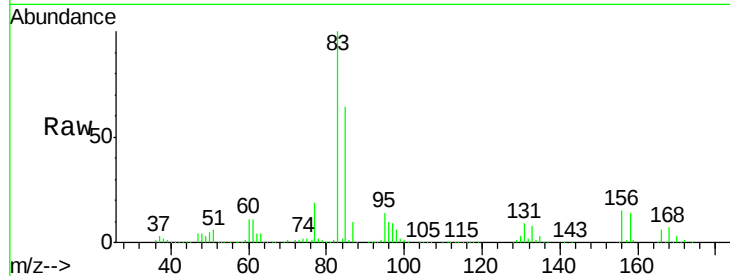
ClientSampleId :

VSTDCCC050

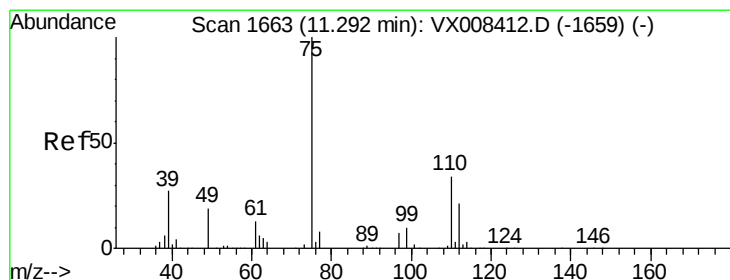
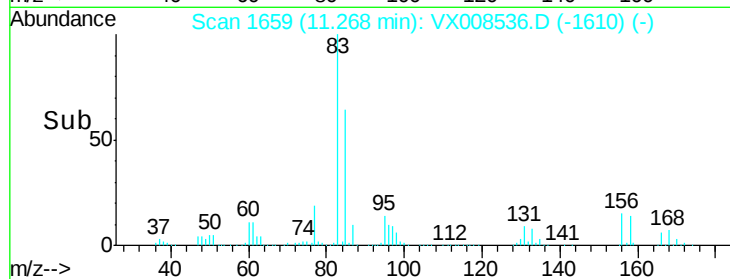
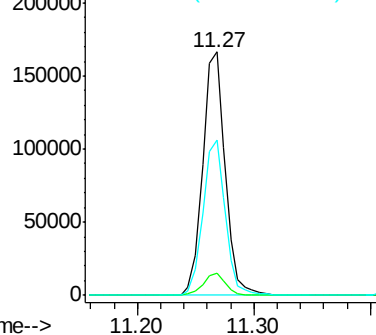
Tot Ion:	83	Resp:	223175
Ion Ratio	Lower	Upper	
83	100		
131	9.0	4.5	13.4
85	63.7	31.9	95.9

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX008412.D (-1651) (-)



#76

1,2,3-Trichloropropane

Concen: 46.624 ug/l m

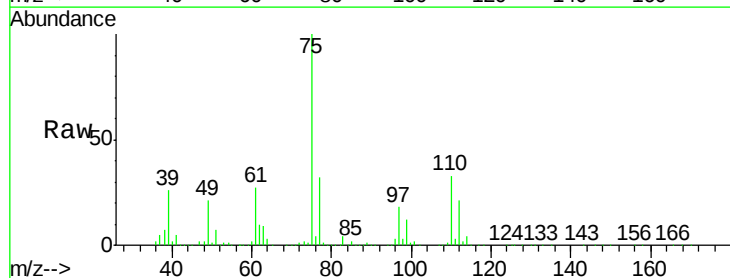
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

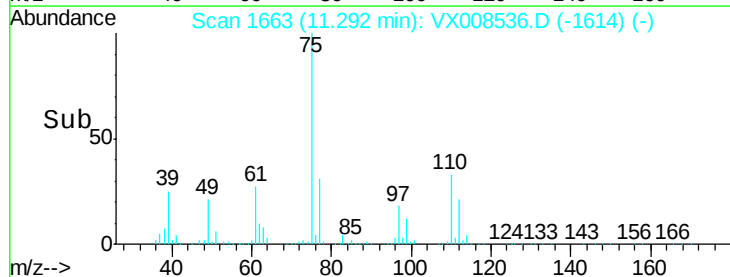
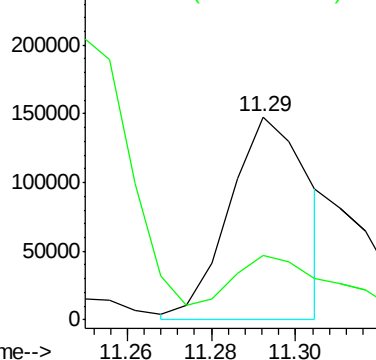
Lab File: VX008536.D

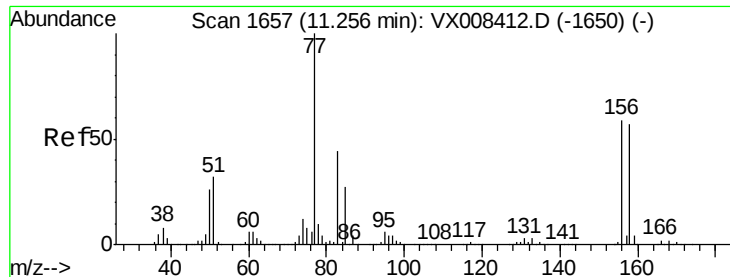
Acq: 29 Mar 2019 10:37

Tgt Ion:	75	Resp:	193261
Ion Ratio	Lower	Upper	
75	100		
77	43.5	21.9	65.7



Abundance Ion 74.90 (74.60 to 75.60): VX008412.D (-1659) (-)





#77

Bromobenzene

Concen: 53.376 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Instrument :

MSVOA_X

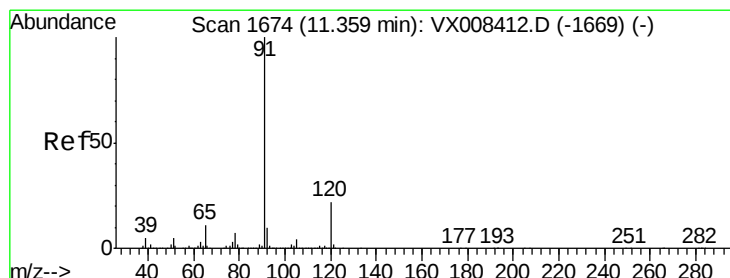
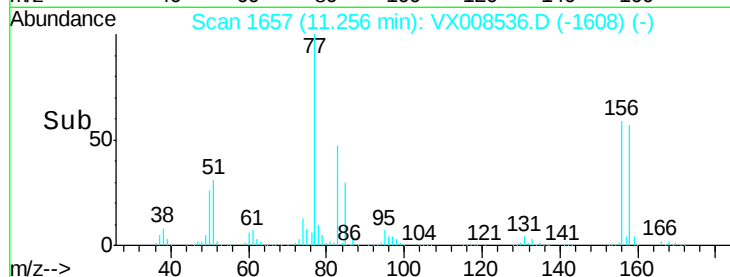
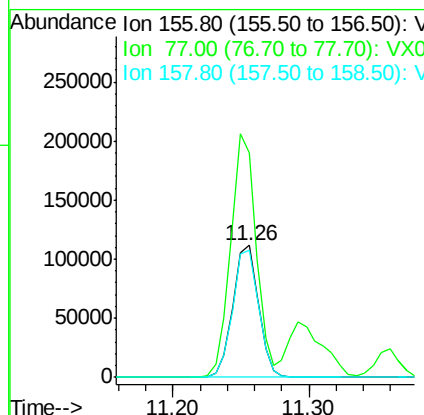
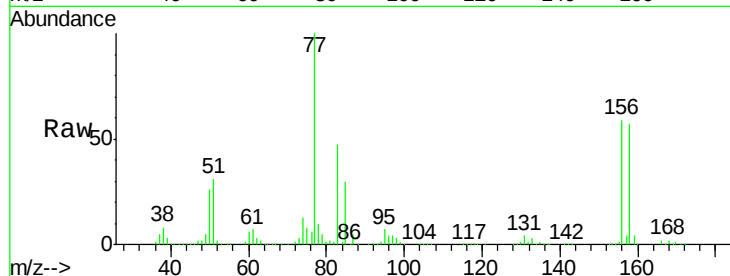
ClientSampled :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	182.4	91.1	273.3
158	97.5	48.3	144.8

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#78

n-propylbenzene

Concen: 55.783 ug/l

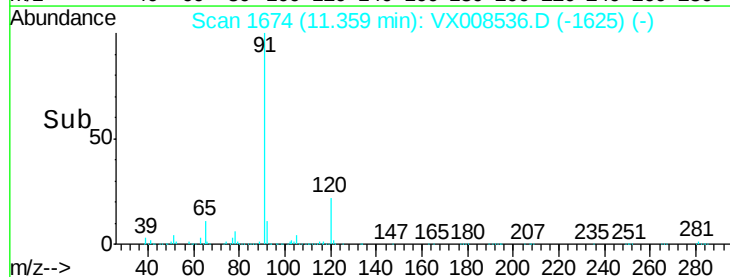
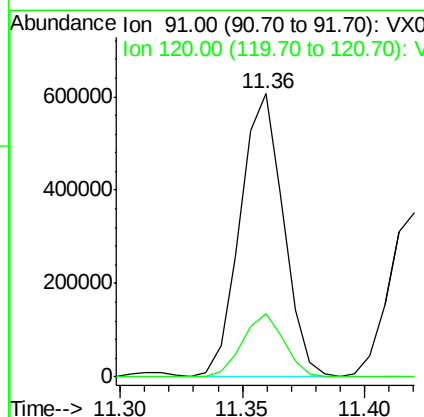
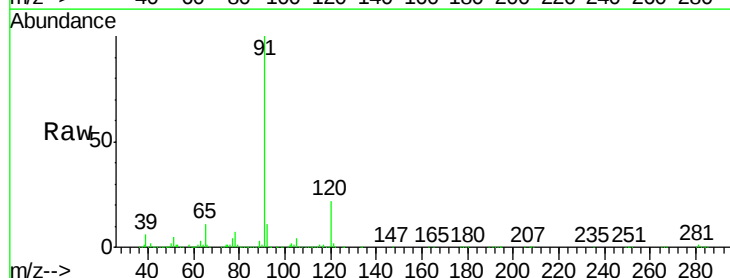
RT: 11.36 min Scan# 1674

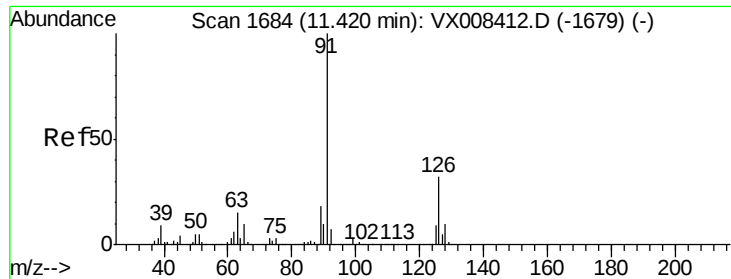
Delta R.T. 0.00 min

Lab File: VX008536.D

Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.8	32.4





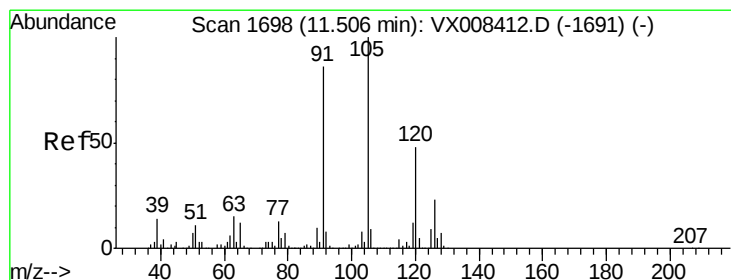
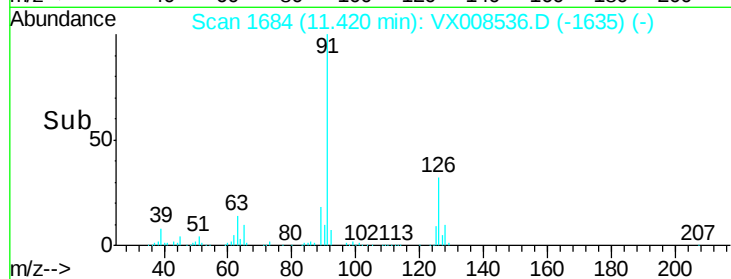
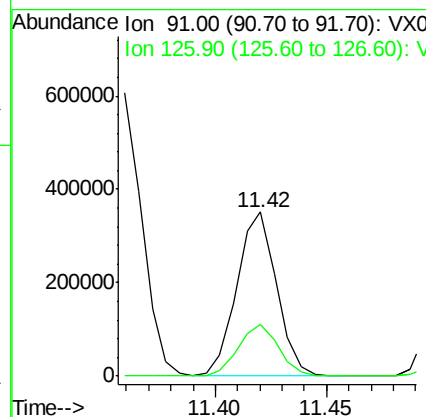
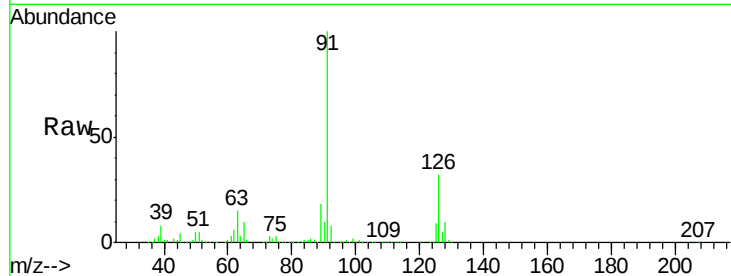
#79
 2-Chlorotoluene
 Concen: 53.933 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 435894
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.7 47.1

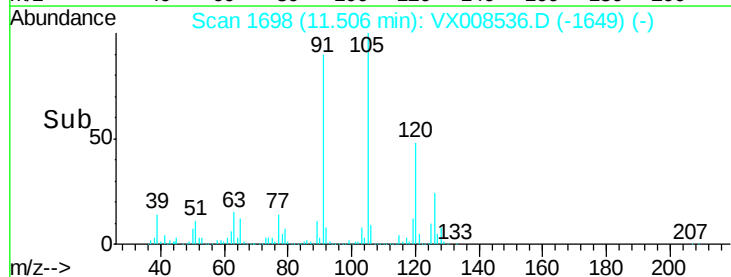
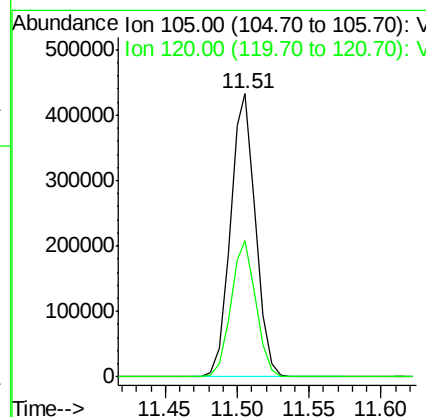
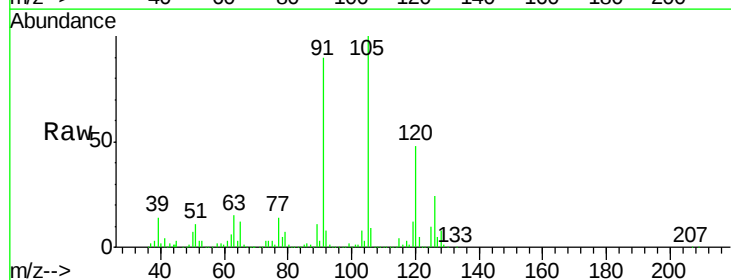
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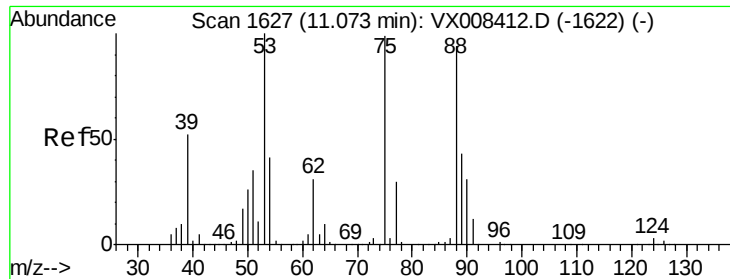
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#80
 1,3,5-Trimethylbenzene
 Concen: 55.069 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion: 105 Resp: 528097
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.4 70.3





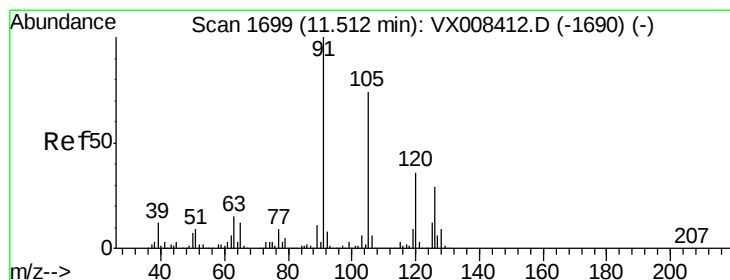
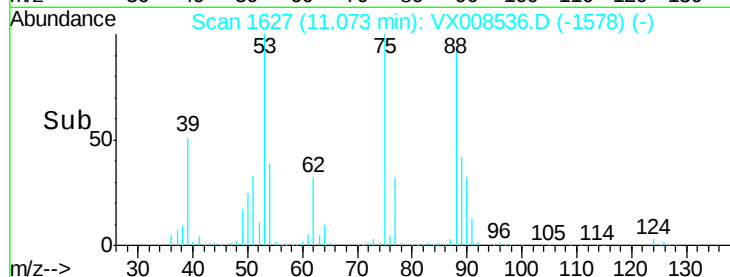
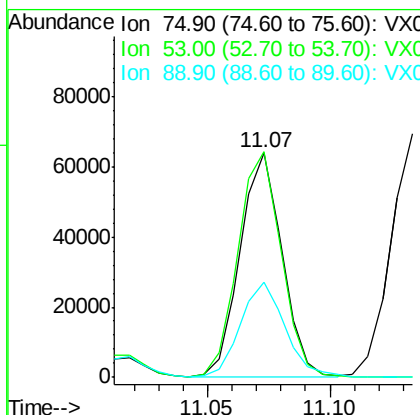
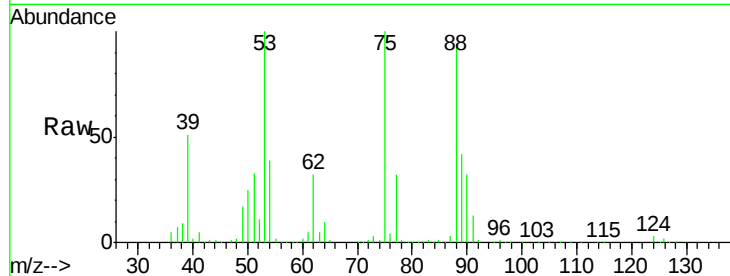
#81
trans-1,4-Dichloro-2-butene
Concen: 58.973 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.3	82.1	123.1
89	45.3	34.6	52.0

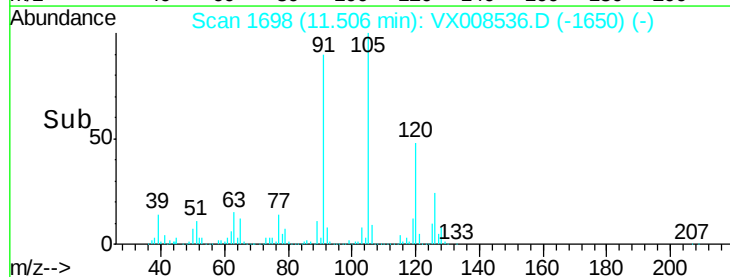
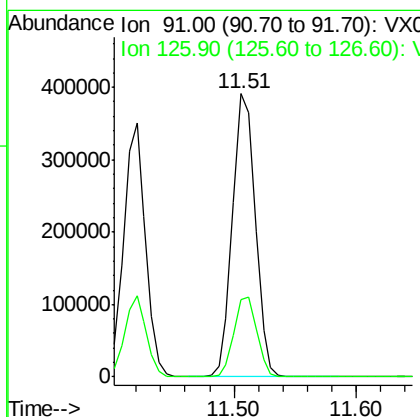
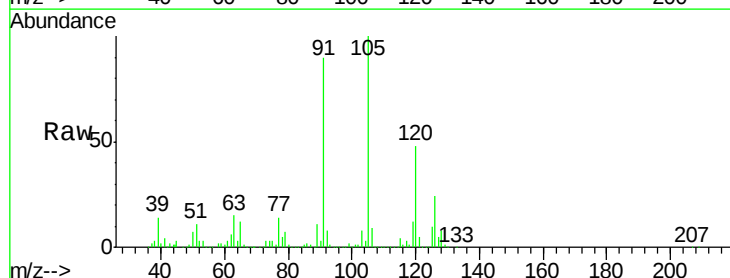
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#82
4-Chlorotoluene
Concen: 54.157 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.3	13.9	41.7





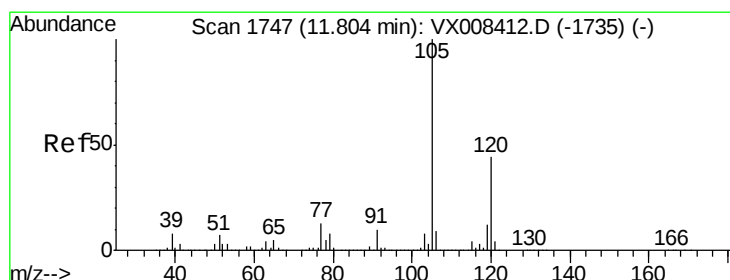
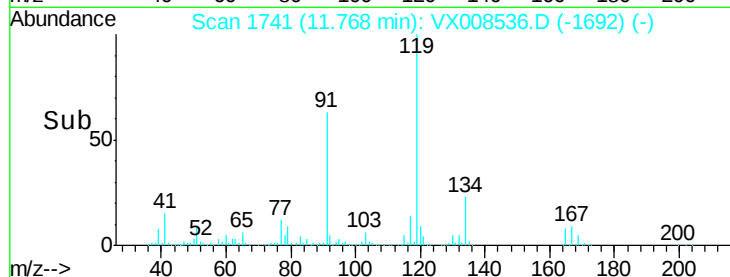
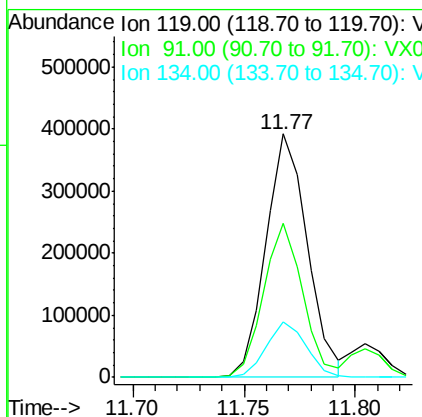
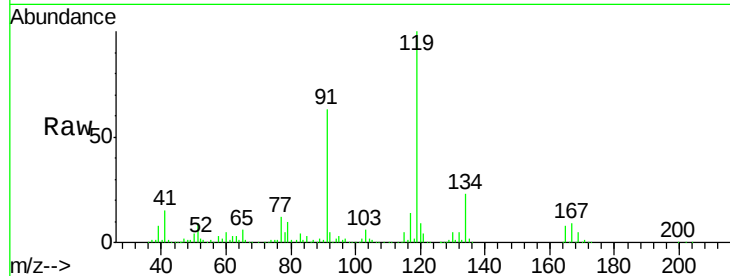
#83
 tert-Butylbenzene
 Concen: 54.801 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.3	30.1	90.3
134	21.9	10.9	32.9

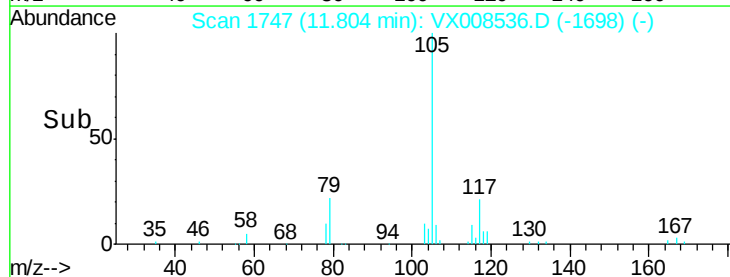
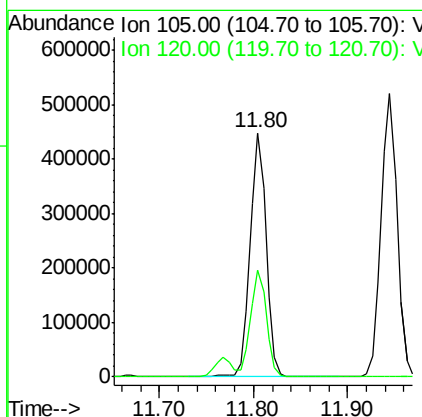
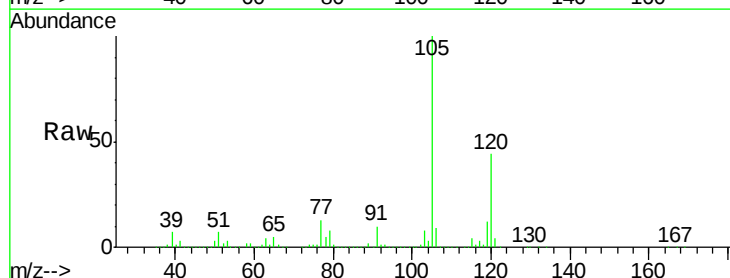
Manual Integrations
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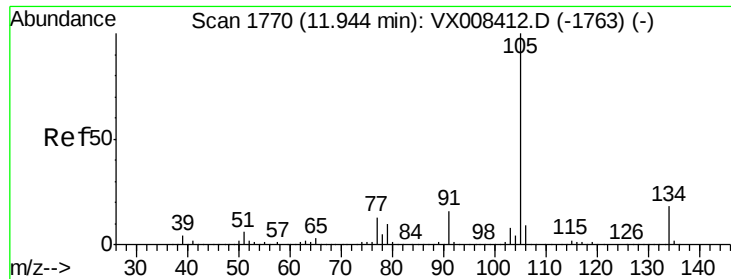
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.136 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	21.6	65.0





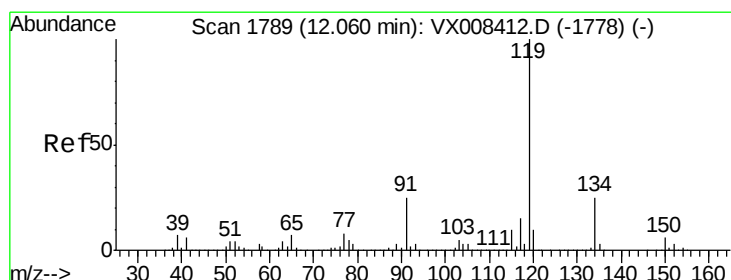
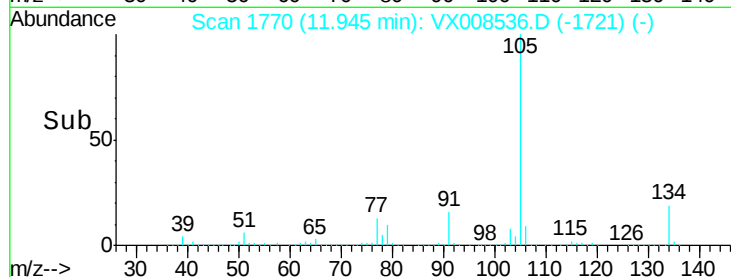
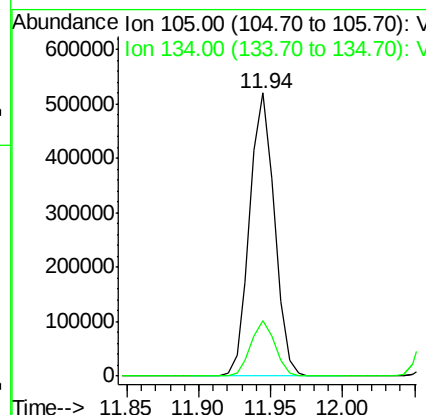
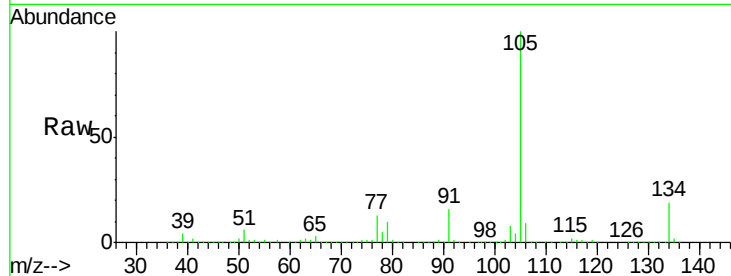
#85
 sec-Butylbenzene
 Concen: 55.992 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.3	28.0

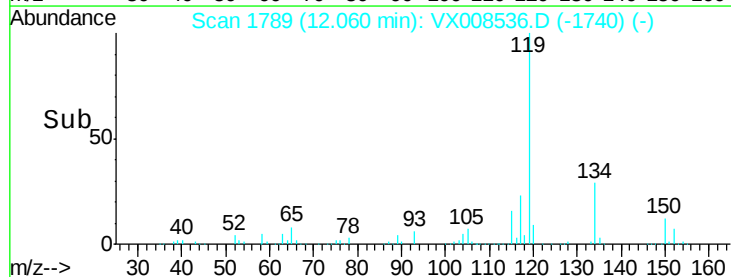
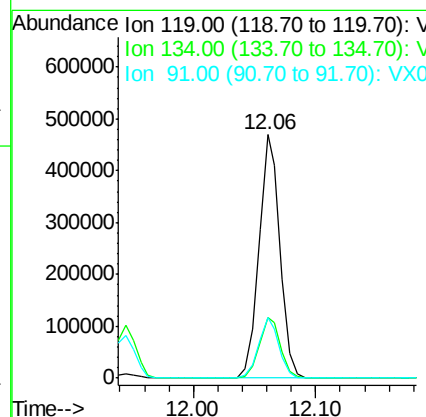
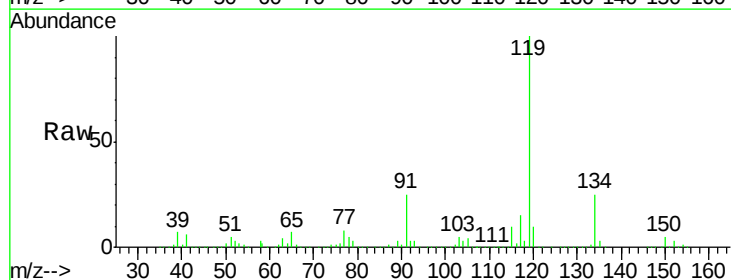
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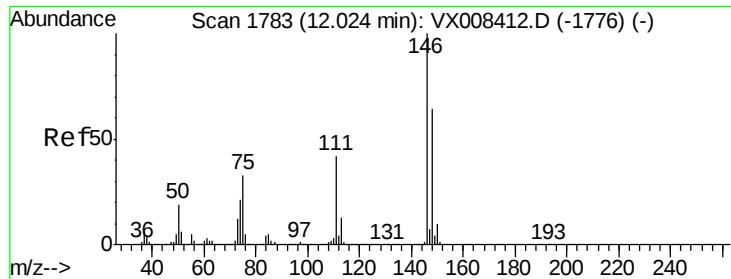
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#86
 p-Isopropyltoluene
 Concen: 57.746 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.8	38.4
91	24.1	12.4	37.0





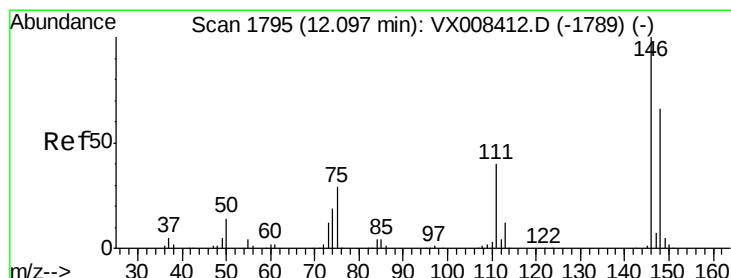
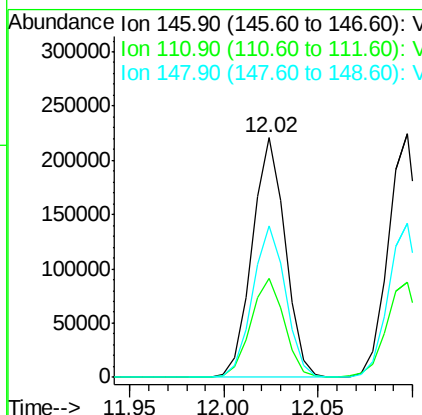
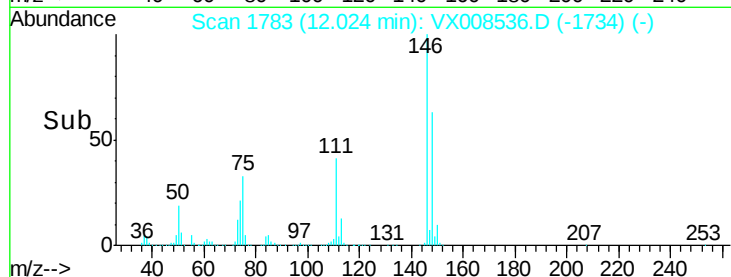
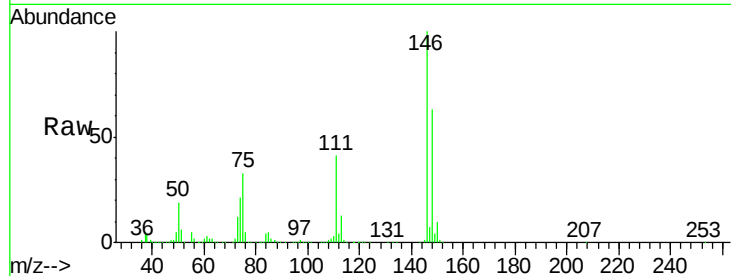
#87
 1,3-Dichlorobenzene
 Concen: 54.640 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.5
148	63.0	32.0	96.0

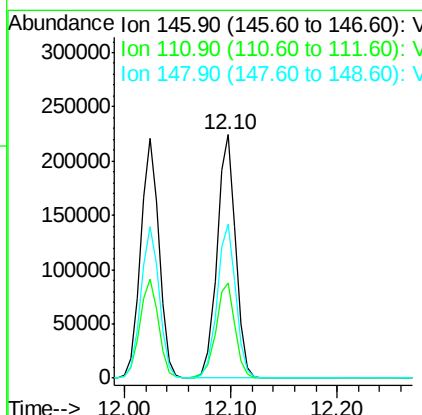
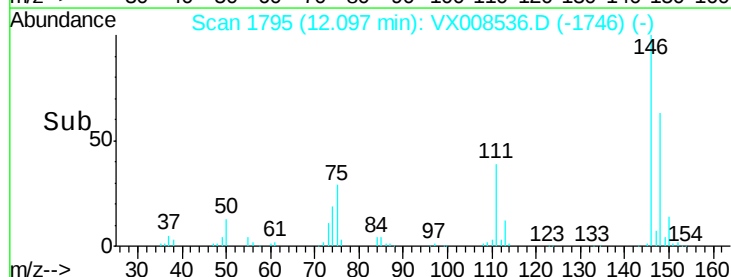
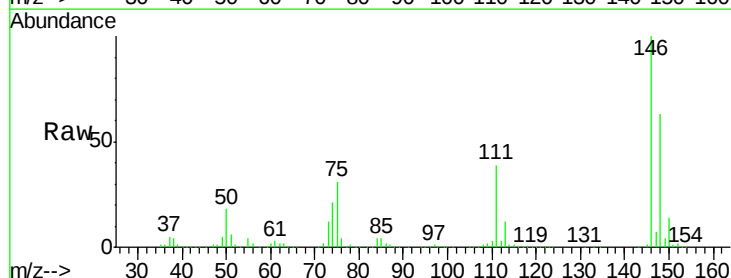
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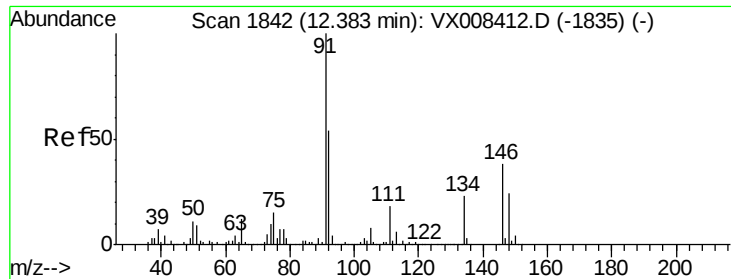
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#88
 1,4-Dichlorobenzene
 Concen: 54.151 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	61.0
148	63.4	32.1	96.5





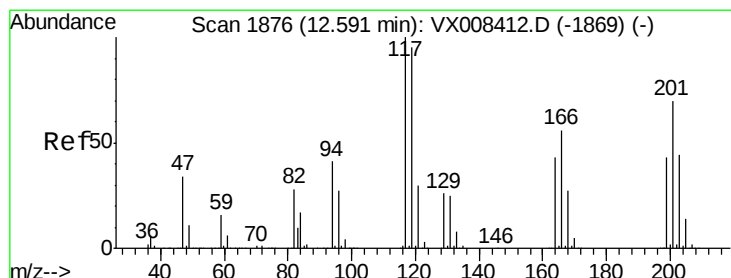
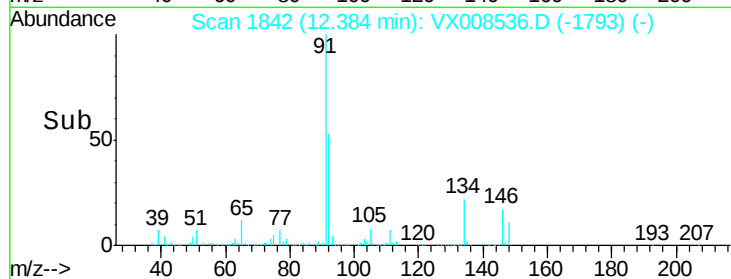
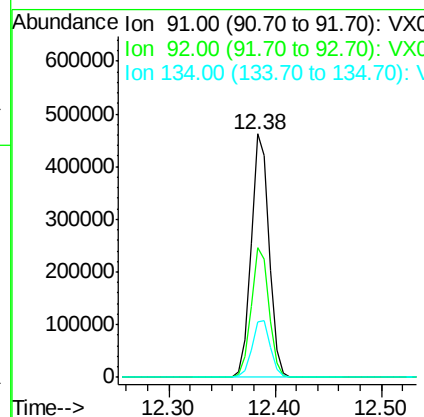
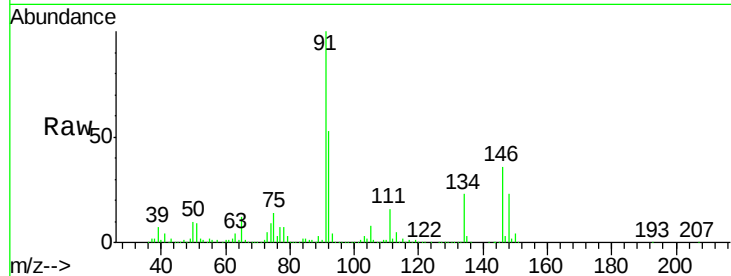
#89
n-Butylbenzene
Concen: 58.981 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.5	79.5
134	24.0	11.8	35.4

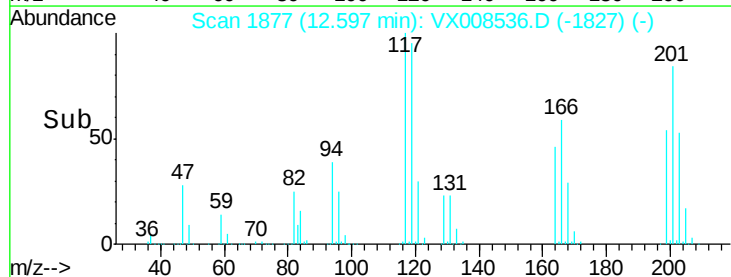
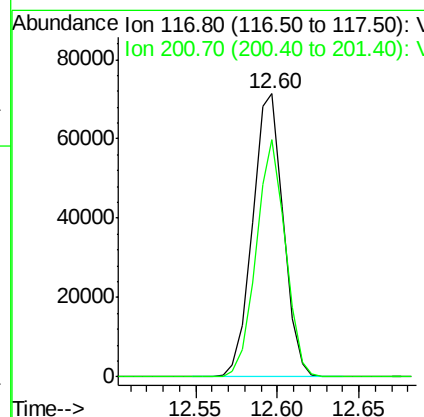
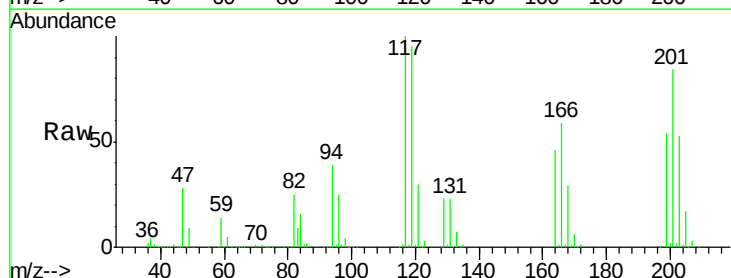
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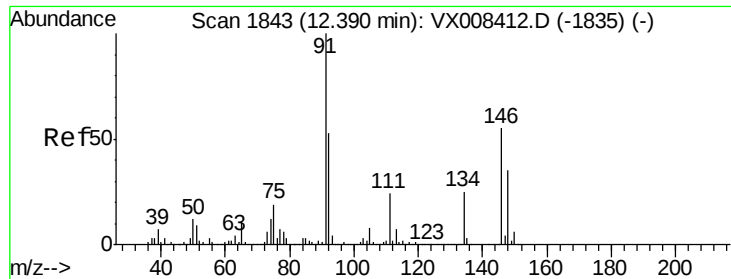
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#90
Hexachloroethane
Concen: 57.864 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.6	39.4	118.1





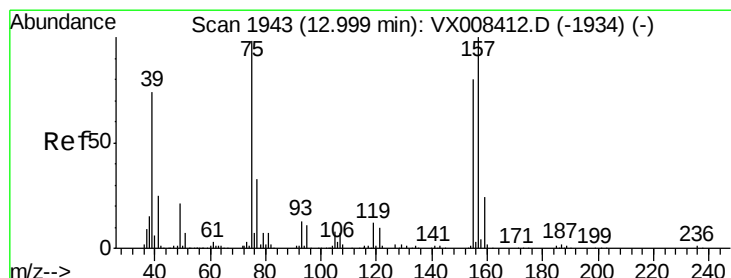
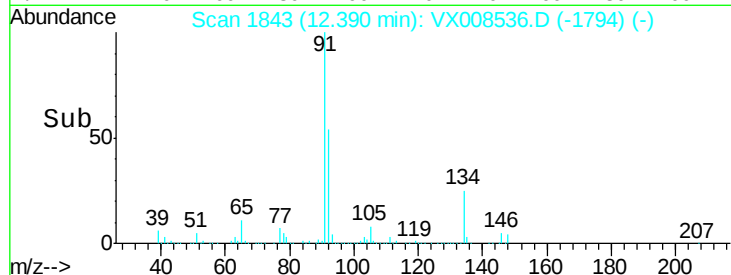
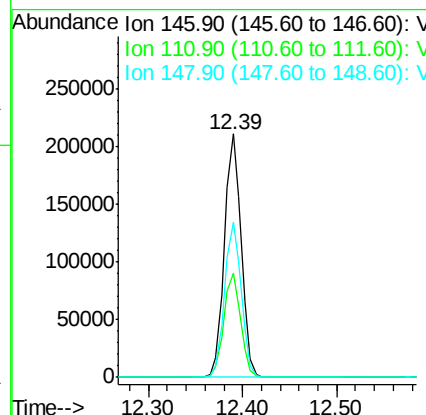
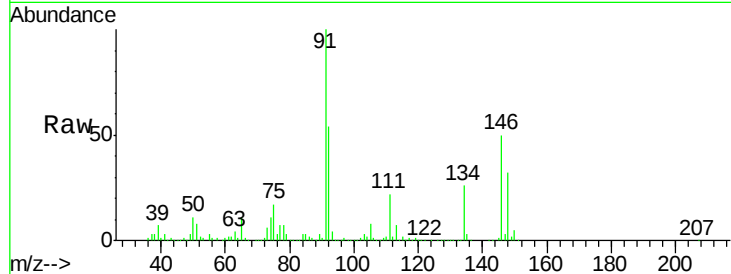
#91
 1,2-Dichlorobenzene
 Concen: 52.883 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.6	64.6
148	63.7	31.9	95.7

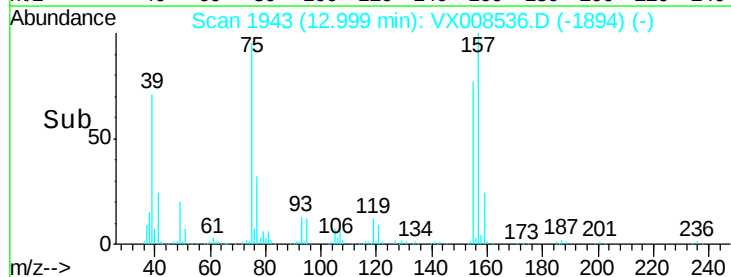
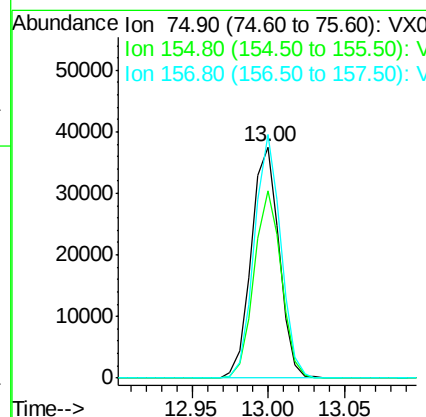
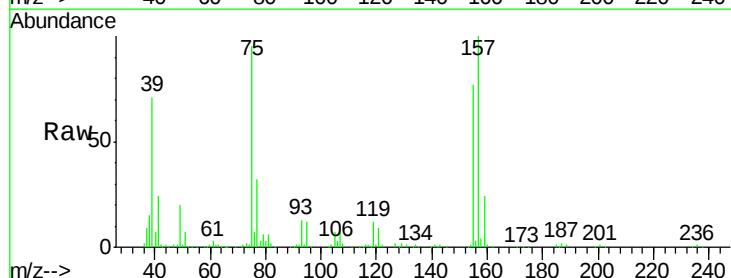
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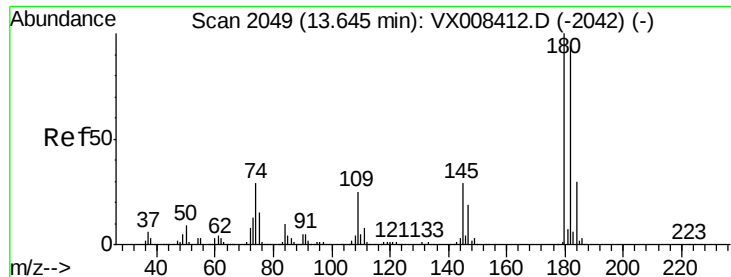
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.382 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.4	39.5	118.5
157	100.3	49.9	149.7





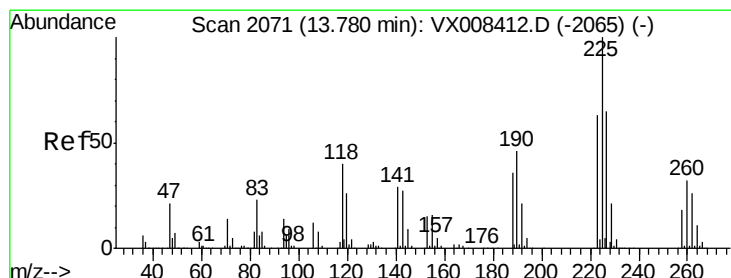
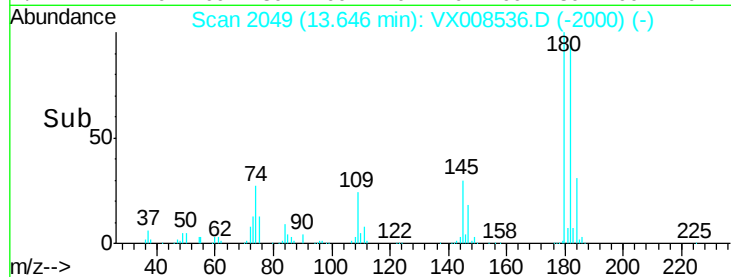
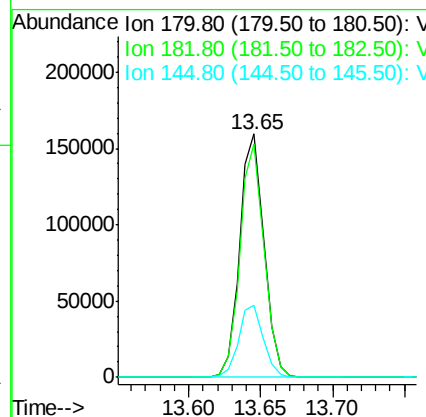
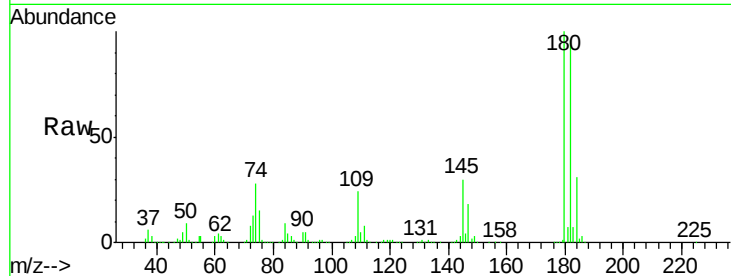
#93
 1,2,4-Trichlorobenzene
 Concen: 56.893 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	188676		
182	95.0	47.3	142.0	
145	30.0	15.3	45.8	

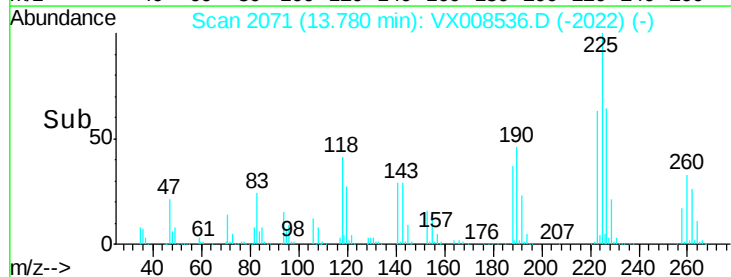
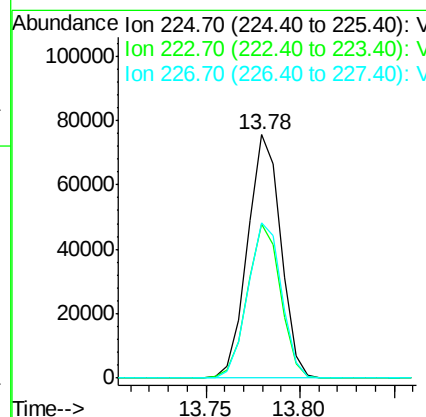
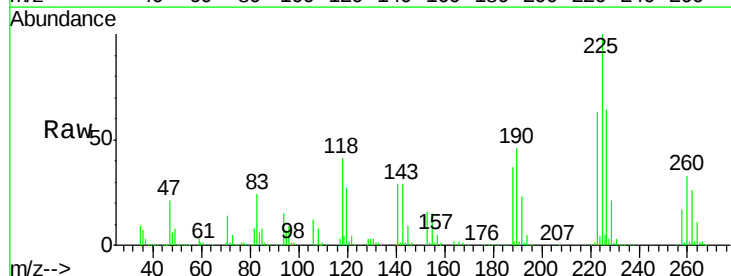
Manual Integrations
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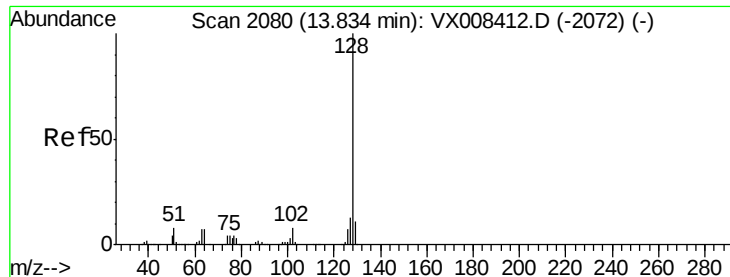
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#94
 Hexachlorobutadiene
 Concen: 58.653 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008536.D
 Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	92360		
223	62.9	31.4	94.0	
227	64.9	31.9	95.9	





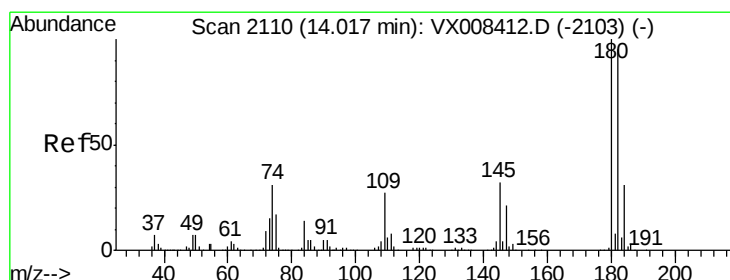
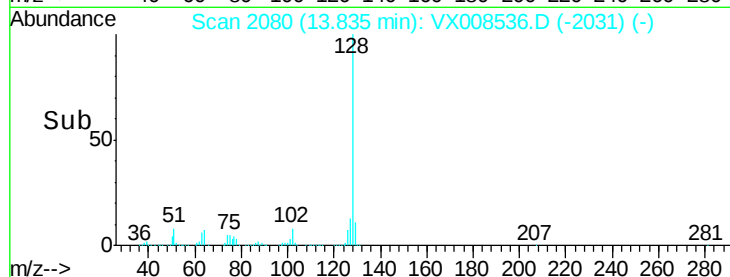
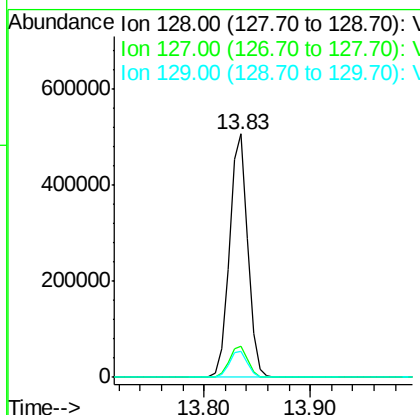
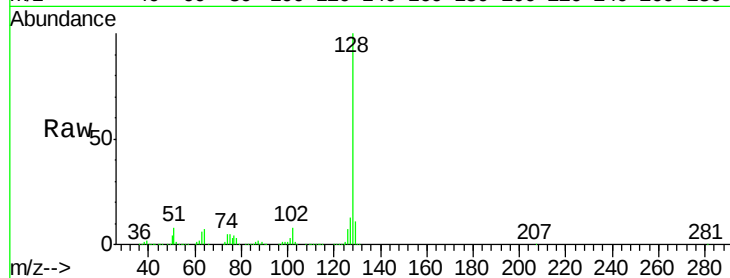
#95
Naphthalene
Concen: 53.358 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 55.030 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008536.D
Acq: 29 Mar 2019 10:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.3	142.0
145	32.4	16.2	48.5

