

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX043019\
 Data File : VX009248.D
 Acq On : 30 Apr 2019 16:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/1/2019 10:24:47 AM

Quant Time: May 01 02:36:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	195901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	307032	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143538	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	124921	46.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.42%	
35) Dibromofluoromethane	5.49	113	92780	48.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.14%	
50) Toluene-d8	8.71	98	383905	49.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.13	95	141220	49.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	87372	48.399	ug/l	99
3) Chloromethane	1.32	50	113061	45.873	ug/l	98
4) Vinyl Chloride	1.40	62	114121	47.484	ug/l	98
5) Bromomethane	1.64	94	65250	45.234	ug/l	98
6) Chloroethane	1.71	64	72582	47.039	ug/l	99
7) Trichlorofluoromethane	1.92	101	139745	47.835	ug/l	100
8) Diethyl Ether	2.18	74	63804	46.108	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	89910	49.010	ug/l	99
10) Methyl Iodide	2.51	142	96644	45.768	ug/l	99
11) Tert butyl alcohol	3.05	59	143390	231.636	ug/l	99
12) 1,1-Dichloroethene	2.37	96	88913	48.372	ug/l	99
13) Acrolein	2.29	56	103624	184.840	ug/l	99
14) Allyl chloride	2.72	41	208619	46.572	ug/l	99
15) Acrylonitrile	3.14	53	346049	228.630	ug/l	100
16) Acetone	2.44	43	349063	243.083	ug/l	99
17) Carbon Disulfide	2.56	76	240681	46.638	ug/l	100
18) Methyl Acetate	2.77	43	153901	45.065	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	338981	47.491	ug/l	100
20) Methylene Chloride	2.85	84	105126	45.214	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	93935	47.122	ug/l	97
22) Diisopropyl ether	3.85	45	412288	47.859	ug/l	94
23) Vinyl Acetate	3.81	43	1812189	245.661	ug/l	100
24) 1,1-Dichloroethane	3.69	63	199435	46.929	ug/l	99
25) 2-Butanone	4.67	43	537191	240.733	ug/l	100
26) 2,2-Dichloropropane	4.58	77	151794	47.987	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	112624	47.333	ug/l	99
28) Bromochloromethane	5.01	49	82356	48.034	ug/l	100
29) Tetrahydrofuran	5.12	42	338226	235.542	ug/l	100
30) Chloroform	5.20	83	181813	47.303	ug/l	99
31) Cyclohexane	5.57	56	192604	48.714	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	149830	46.828	ug/l	99
36) 1,1-Dichloropropene	5.79	75	142341	49.887	ug/l	99
37) Ethyl Acetate	4.82	43	194710	48.978	ug/l	99
38) Carbon Tetrachloride	5.78	117	125035	48.231	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180315	51.458	ug/l	99
40) Benzene	6.13	78	429041	48.587	ug/l	98
41) Methacrylonitrile	5.04	41	110850	46.842	ug/l	99
42) 1,2-Dichloroethane	6.19	62	154121	48.655	ug/l	100
43) Isopropyl Acetate	6.44	43	312589	49.157	ug/l	100
44) Trichloroethene	7.21	130	102699	48.108	ug/l	100
45) 1,2-Dichloropropane	7.51	63	123351	49.332	ug/l	97
46) Dibromomethane	7.66	93	68791	47.376	ug/l	98
47) Bromodichloromethane	7.90	83	140382	48.468	ug/l	97
48) Methyl methacrylate	7.77	41	157130	49.806	ug/l	99
49) 1,4-Dioxane	7.74	88	60782	950.017	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1009687	242.925	ug/l	100
52) Toluene	8.78	92	265794	49.517	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	165680	50.666	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	182504	50.423	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	106234	48.511	ug/l	98
56) Ethyl methacrylate	9.18	69	195279	49.955	ug/l	99
57) 1,3-Dichloropropane	9.37	76	189511	49.177	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	498845	240.550	ug/l	100
59) 2-Hexanone	9.49	43	805607	246.789	ug/l	100
60) Dibromochloromethane	9.58	129	105887	49.507	ug/l	99
61) 1,2-Dibromoethane	9.67	107	108862	49.246	ug/l	100
64) Tetrachloroethene	9.34	164	93425	48.740	ug/l	98
65) Chlorobenzene	10.13	112	272876	48.815	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	98813	48.758	ug/l	100
67) Ethyl Benzene	10.25	91	511738	49.743	ug/l	98
68) m/p-Xylenes	10.36	106	373274	99.290	ug/l	98
69) o-Xylene	10.69	106	182663	49.245	ug/l	100
70) Styrene	10.71	104	321599	49.884	ug/l	99
71) Bromoform	10.85	173	80004	48.578	ug/l #	99
73) Isopropylbenzene	11.02	105	494933	47.417	ug/l	99
74) N-amyl acetate	10.90	43	295785	48.606	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	178212	45.800	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	152223m	45.719	ug/l	
77) Bromobenzene	11.26	156	120157	46.379	ug/l	99
78) n-propylbenzene	11.36	91	585974	49.156	ug/l	99
79) 2-Chlorotoluene	11.42	91	339955	46.225	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	424861	48.341	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	60594	46.564	ug/l	99
82) 4-Chlorotoluene	11.51	91	396848	47.765	ug/l	99
83) tert-Butylbenzene	11.77	119	405827	47.467	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	429368	48.672	ug/l	99
85) sec-Butylbenzene	11.94	105	496667	48.999	ug/l	100
86) p-Isopropyltoluene	12.06	119	458124	50.275	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	222133	48.097	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	222092	47.698	ug/l	99
89) n-Butylbenzene	12.38	91	434605	52.768	ug/l	100
90) Hexachloroethane	12.60	117	73319	47.228	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	223830	47.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41226	47.230	ug/l	100

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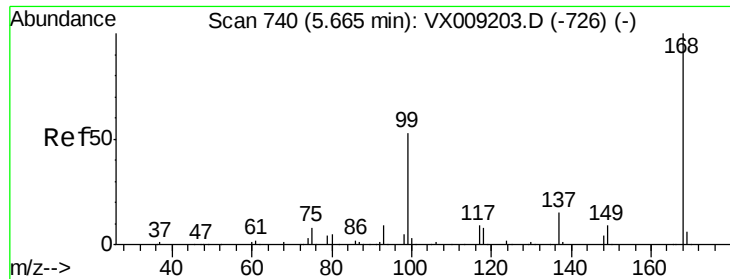
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	168909	52.508	ug/l	98
94) Hexachlorobutadiene	13.78	225	84813	51.630	ug/l	100
95) Naphthalene	13.83	128	527893	50.440	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	164601	50.479	ug/l	100

(#) = 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. -0.01 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 195901

Ion Ratio Lower Upper

168 100

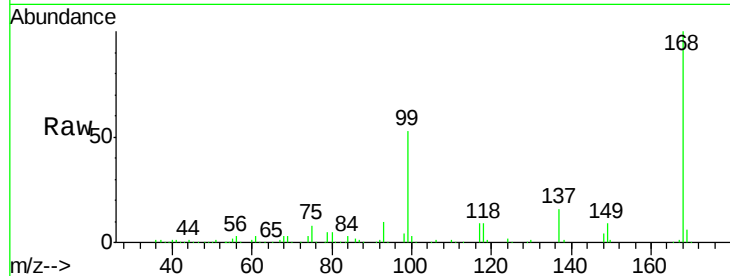
99 53.1 42.3 63.5

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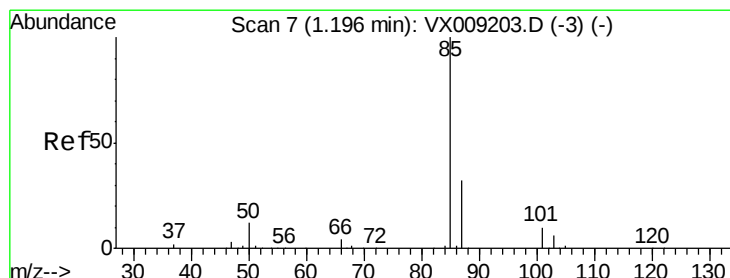
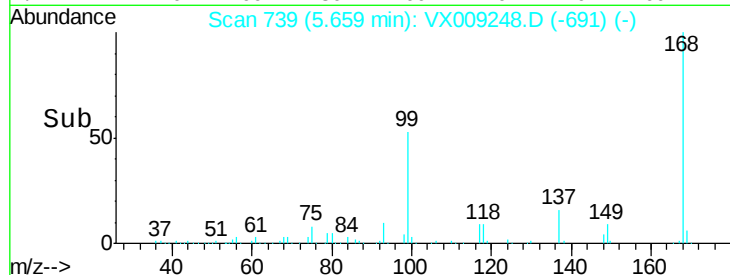


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



#2

Dichlorodifluoromethane

Concen: 48.399 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009248.D

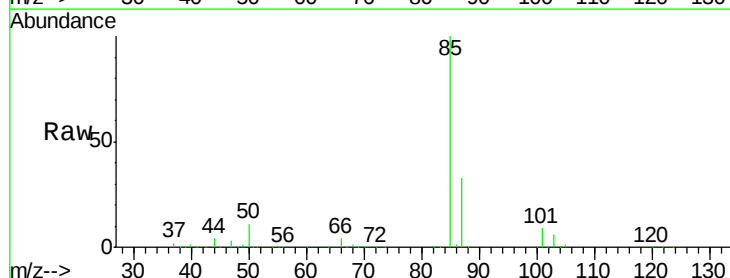
Acq: 30 Apr 2019 16:23

Tgt Ion: 85 Resp: 87372

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.3

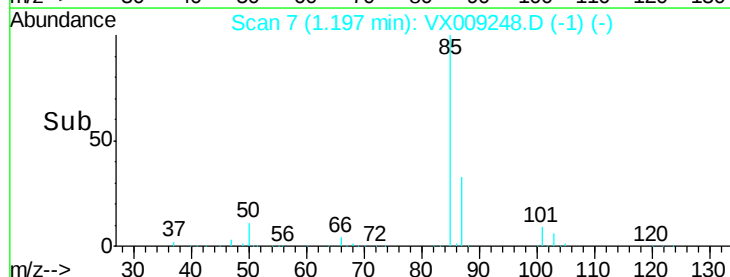


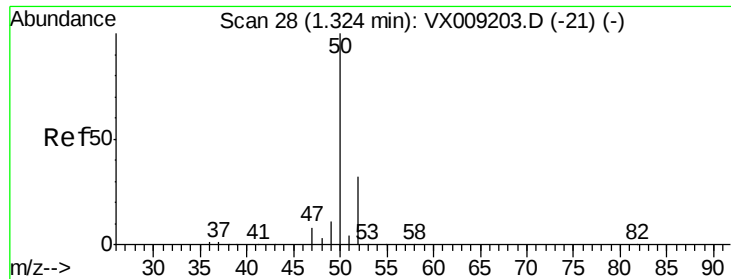
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 45.873 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 113061

Ion Ratio Lower Upper

50 100

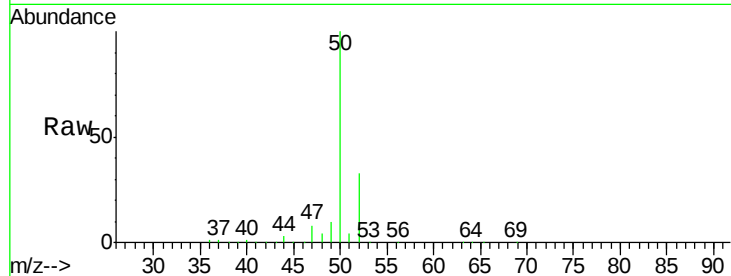
52 33.4 25.9 38.9

Manual Integrations

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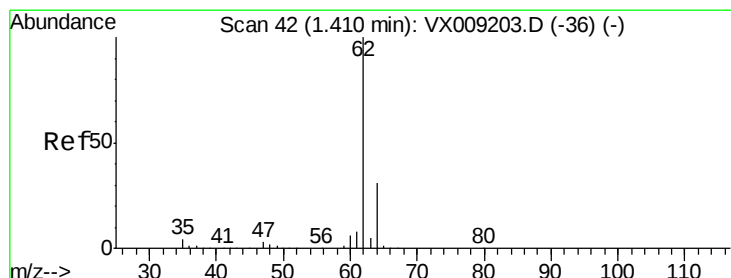
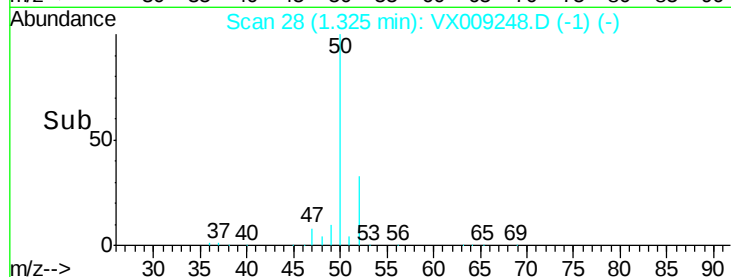
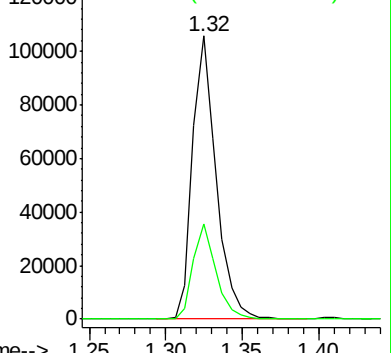
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.484 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009248.D

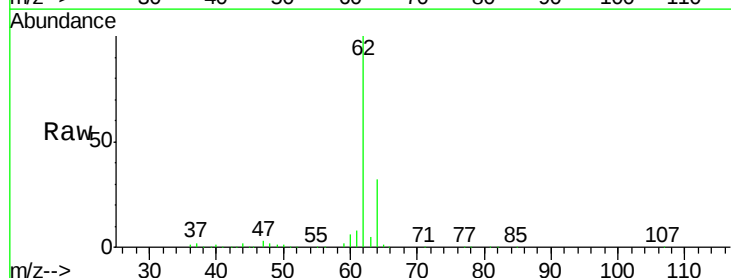
Acq: 30 Apr 2019 16:23

Tgt Ion: 62 Resp: 114121

Ion Ratio Lower Upper

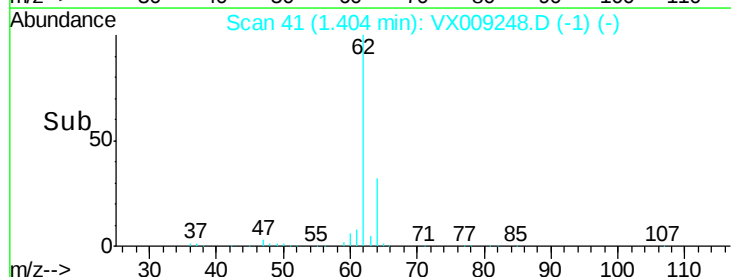
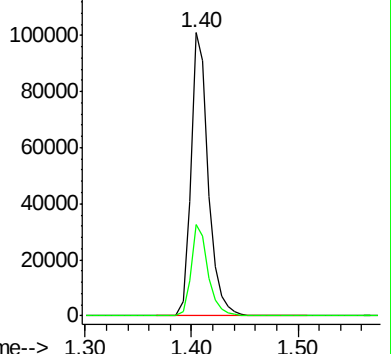
62 100

64 32.0 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.234 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 65250

Ion Ratio Lower Upper

94 100

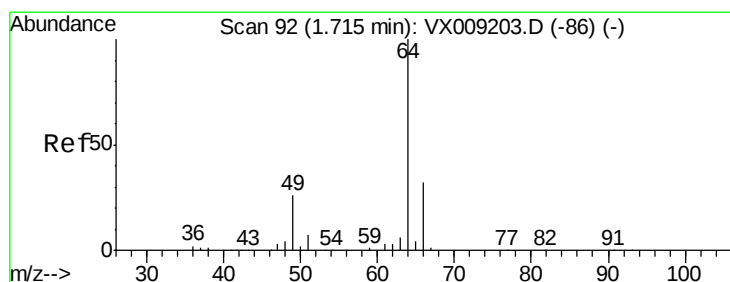
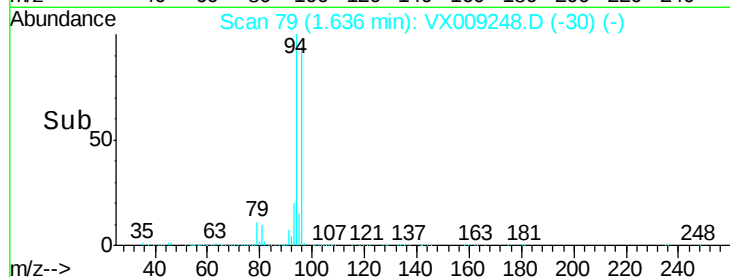
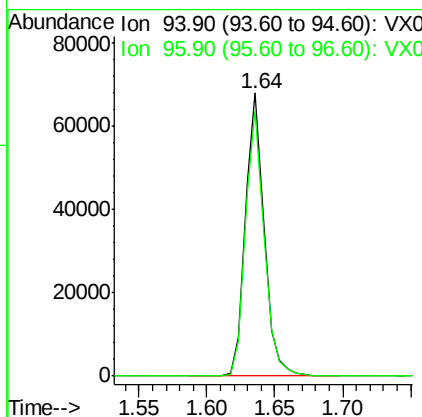
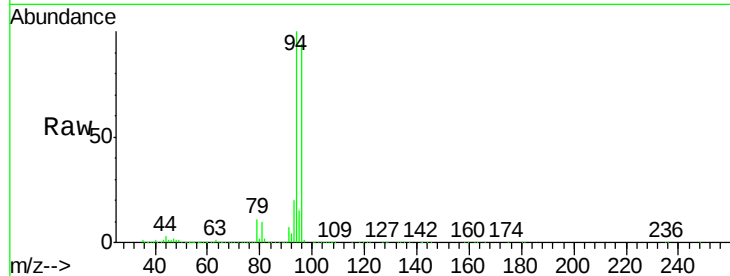
96 93.7 73.0 109.6

Manual Integrations

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#6

Chloroethane

Concen: 47.039 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009248.D

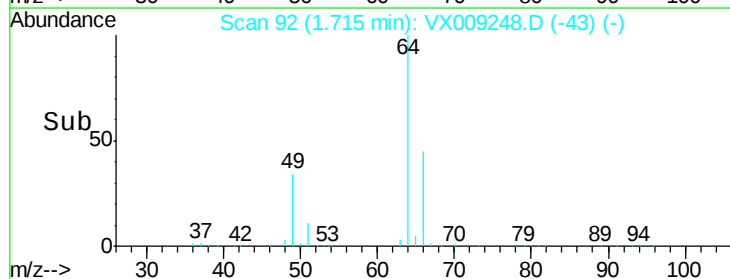
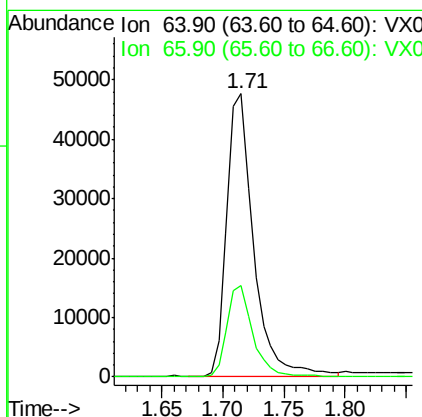
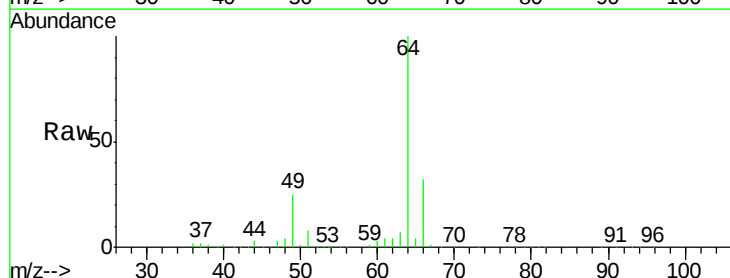
Acq: 30 Apr 2019 16:23

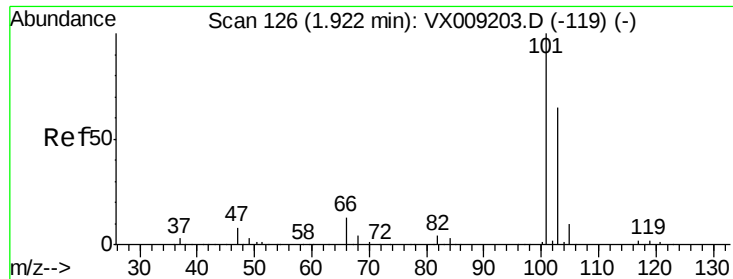
Tgt Ion: 64 Resp: 72582

Ion Ratio Lower Upper

64 100

66 32.3 25.3 37.9





#7

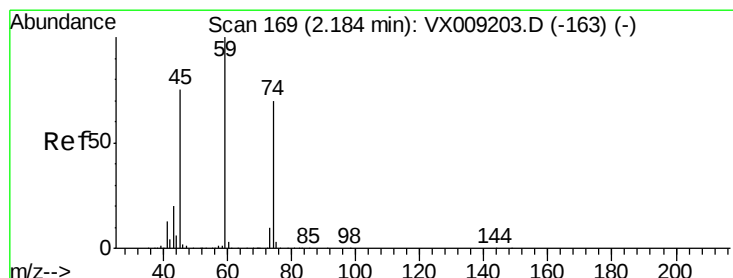
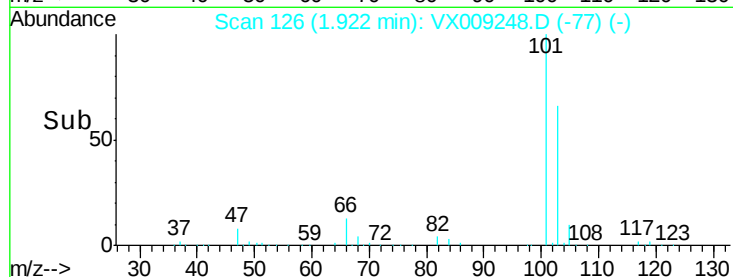
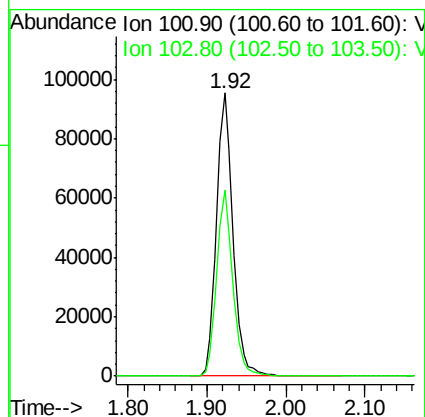
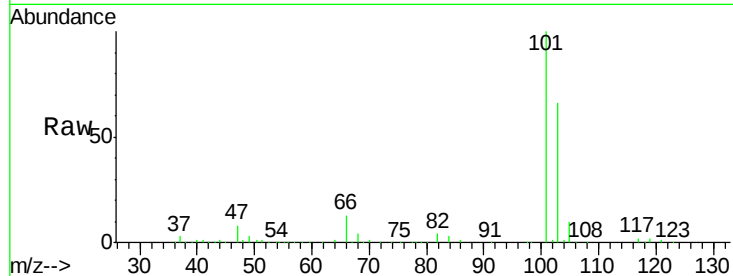
Trichlorofluoromethane
Concen: 47.835 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 139745
Ion Ratio Lower Upper
101 100
103 65.9 52.4 78.6

Manual Integrations
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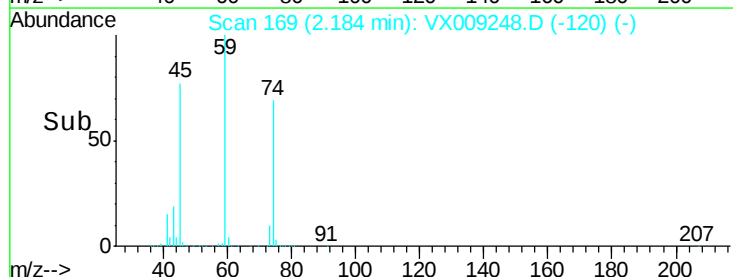
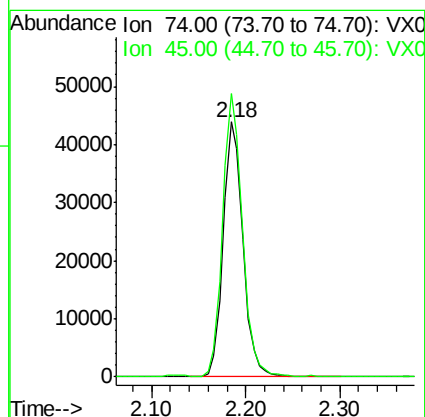
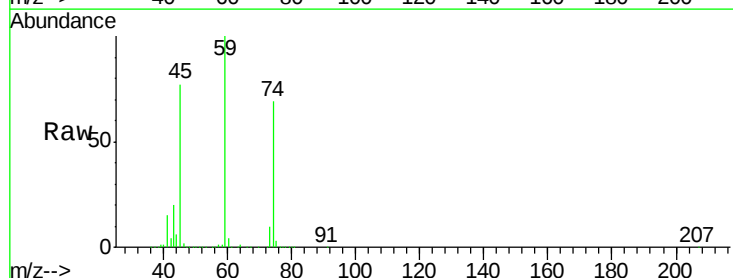
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#8

Diethyl Ether
Concen: 46.108 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Tgt Ion: 74 Resp: 63804
Ion Ratio Lower Upper
74 100
45 110.3 53.3 159.9





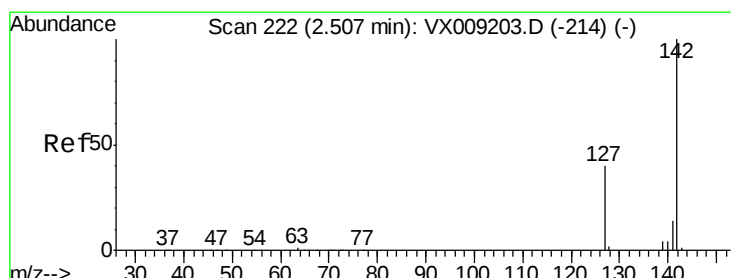
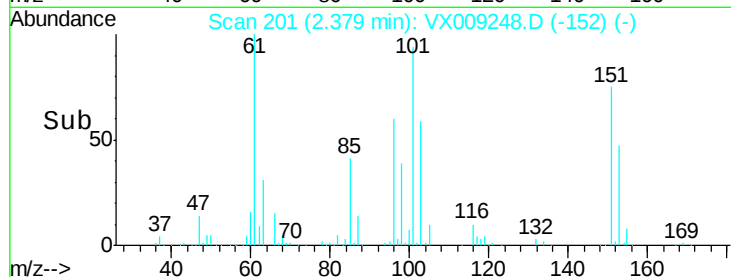
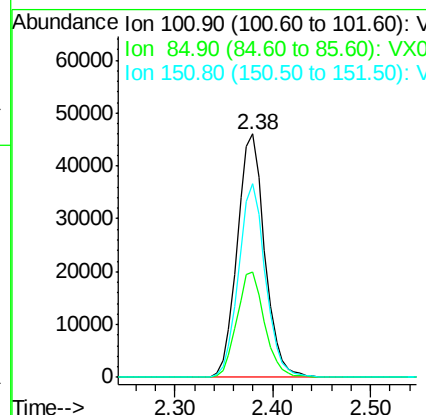
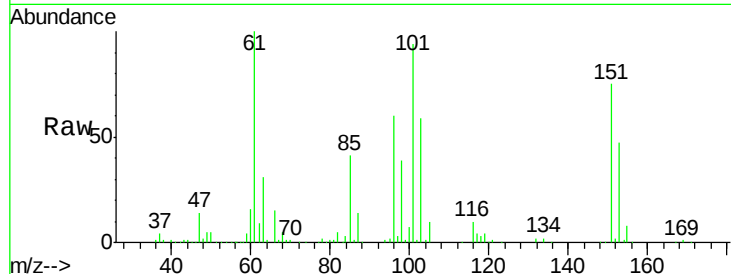
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.010 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.8	35.7	53.5
151	78.0	62.2	93.2

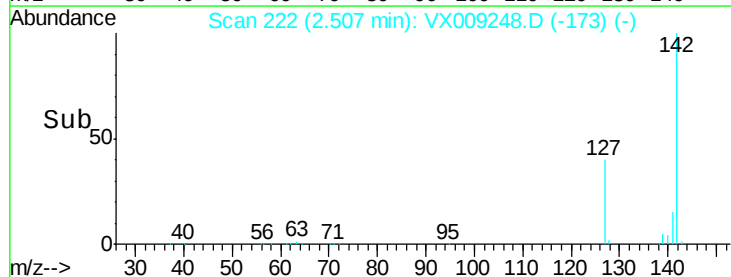
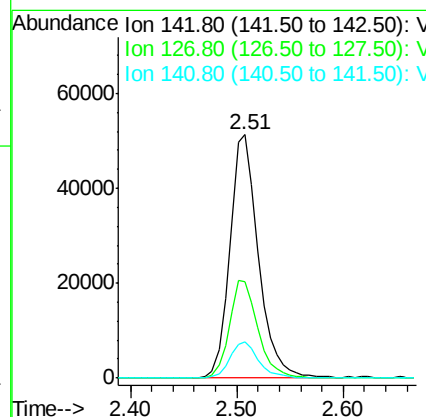
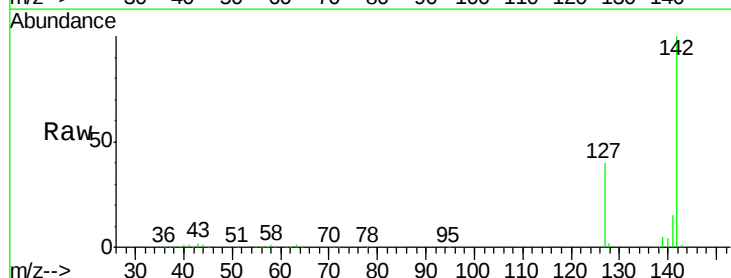
Manual Integrations
APPROVED

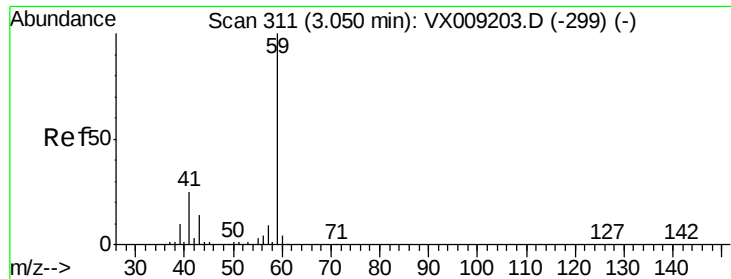
MMDadoda
5/1/2019 10:24:47 AM



#10
Methyl Iodide
Concen: 45.768 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.3	32.7	49.1
141	14.9	11.5	17.3





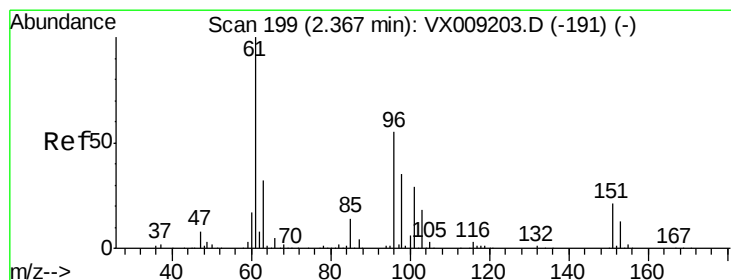
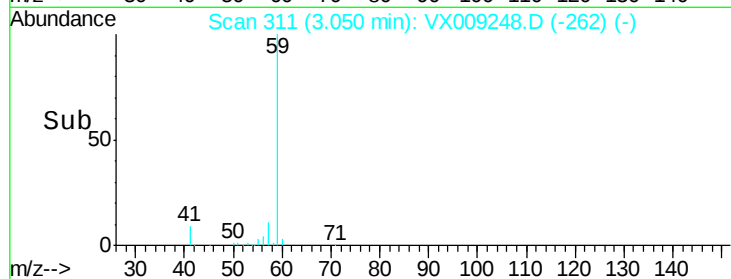
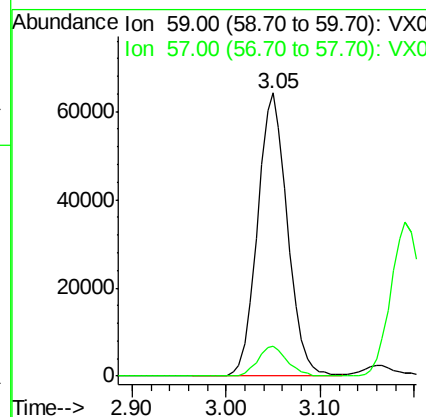
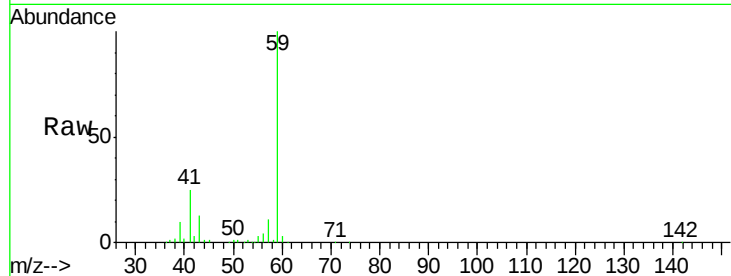
#11
Tert butyl alcohol
Concen: 231.636 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion: 59 Resp: 143390
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2

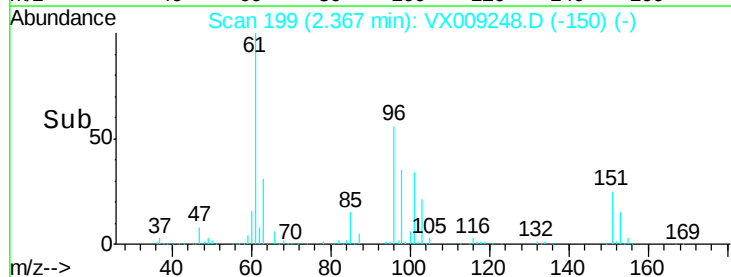
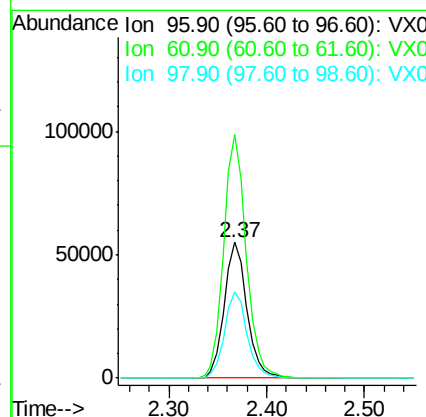
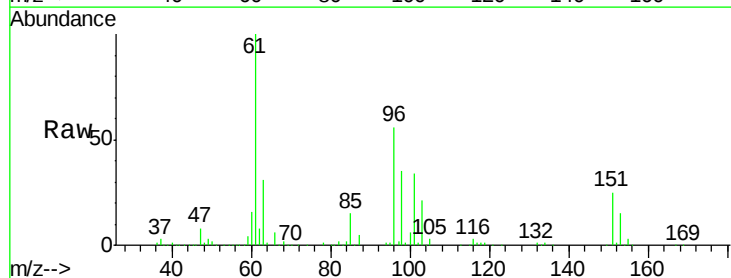
Manual Integrations
APPROVED

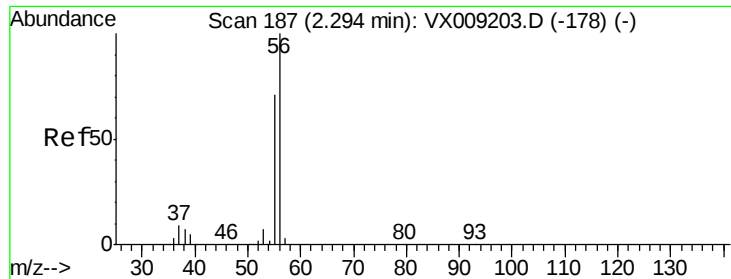
MMDadoda
5/1/2019 10:24:47 AM



#12
1,1-Dichloroethene
Concen: 48.372 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Tgt Ion: 96 Resp: 88913
Ion Ratio Lower Upper
96 100
61 179.6 144.3 216.5
98 63.2 50.3 75.5





#13

Acrolein

Concen: 184.840 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 103624

Ion Ratio Lower Upper

56 100

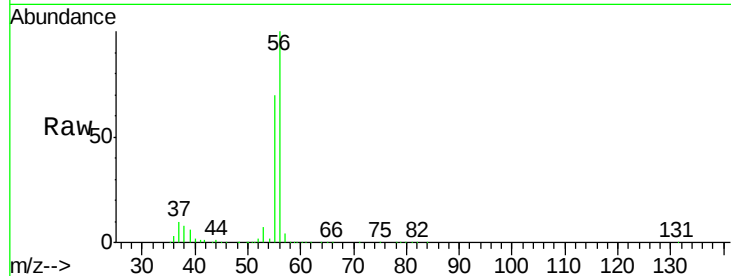
55 71.2 56.6 85.0

Manual Integrations

APPROVED

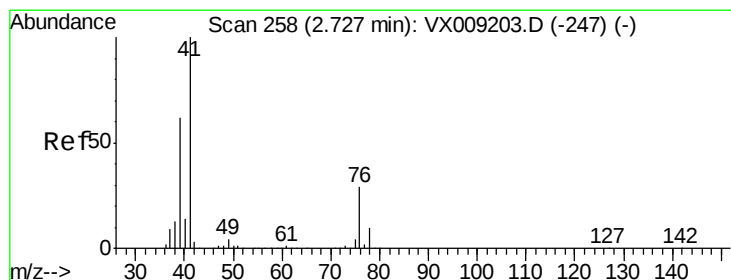
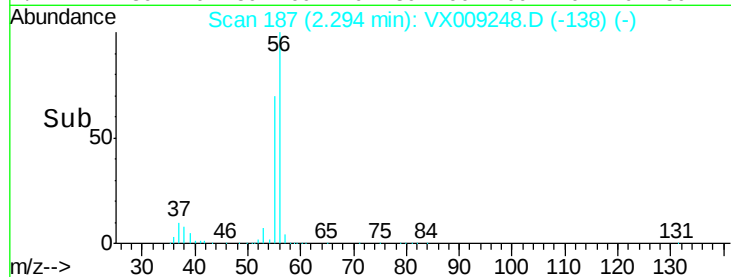
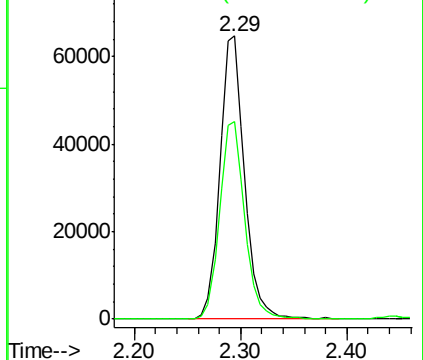
MMDadoda

5/1/2019 10:24:47 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.572 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

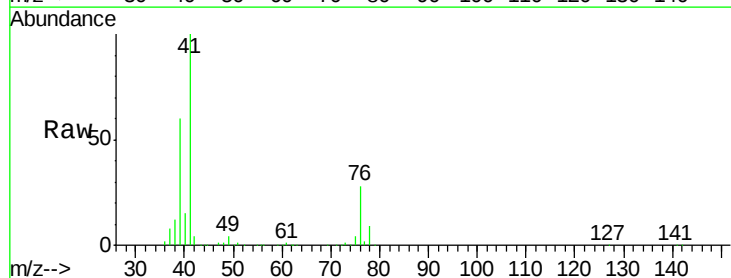
Tgt Ion: 41 Resp: 208619

Ion Ratio Lower Upper

41 100

39 58.1 46.7 70.1

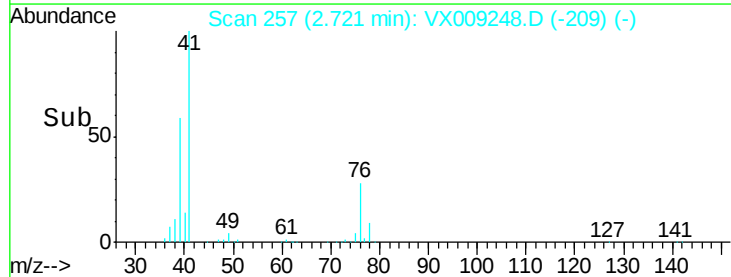
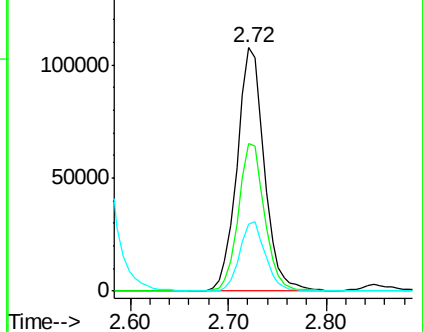
76 26.7 21.8 32.8

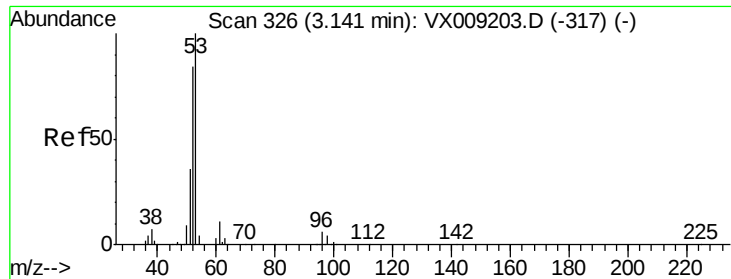


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 228.630 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

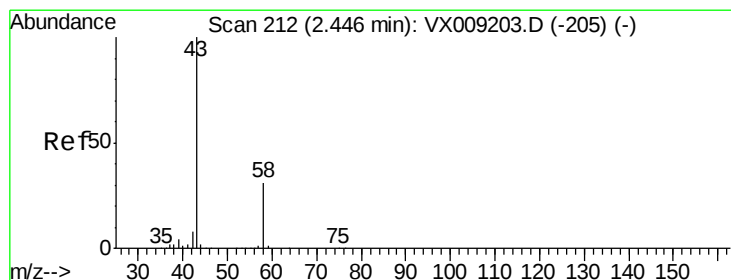
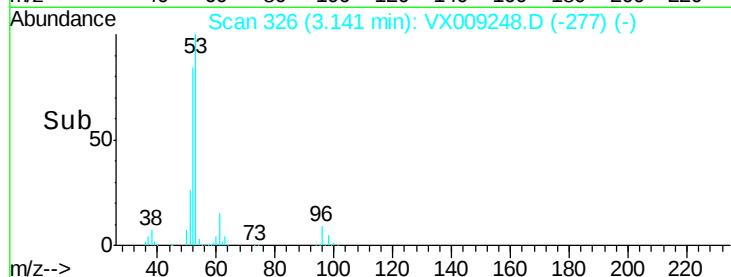
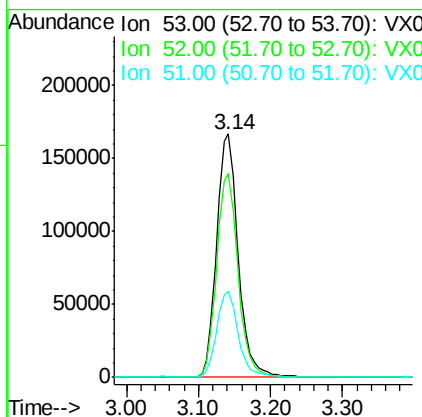
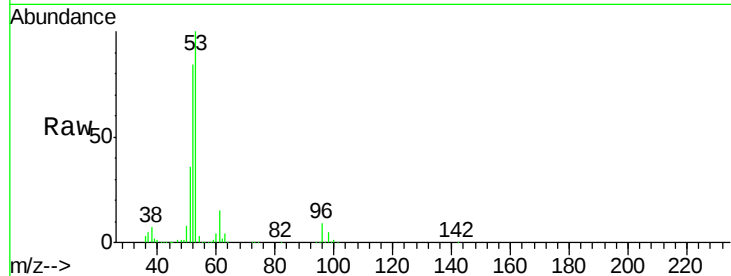
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	346049
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.9	100.3
51	35.7	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 243.083 ug/l

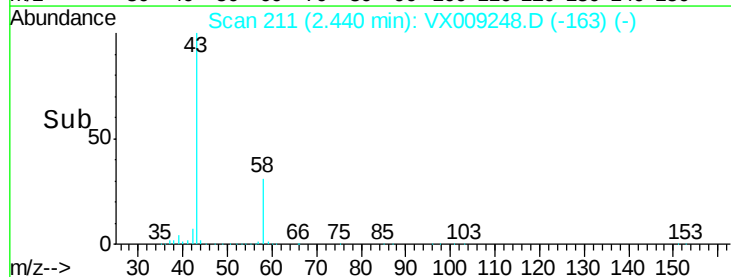
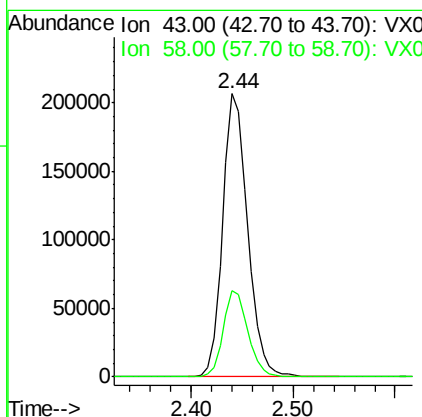
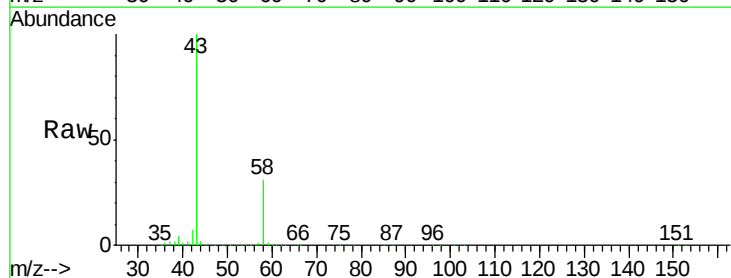
RT: 2.44 min Scan# 211

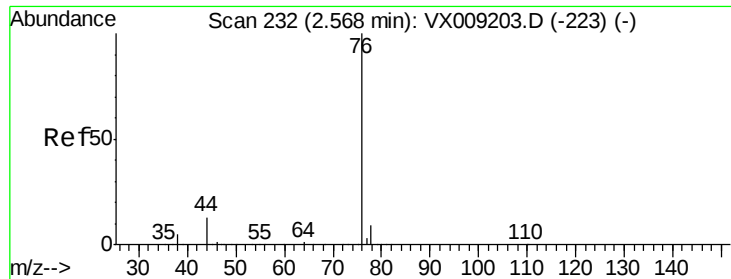
Delta R.T. -0.01 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Tgt Ion:	43	Resp:	349063
Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.9	37.3





#17

Carbon Disulfide

Concen: 46.638 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 240681

Ion Ratio Lower Upper

76 100

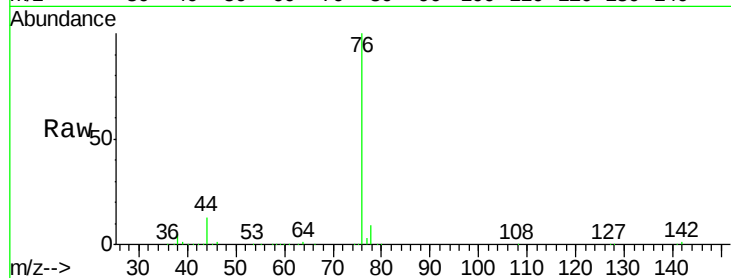
78 9.3 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

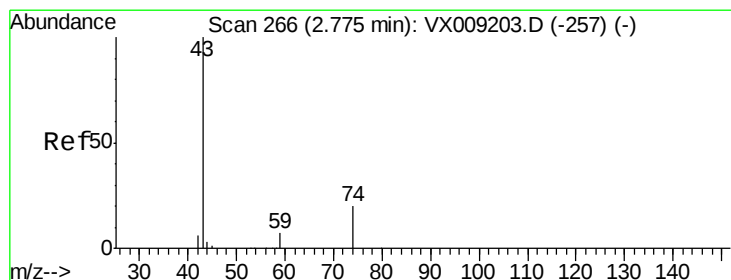
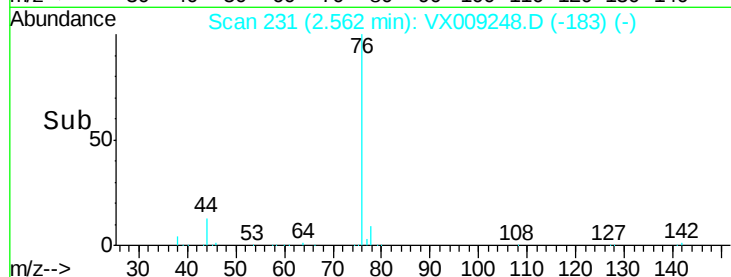
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 45.065 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009248.D

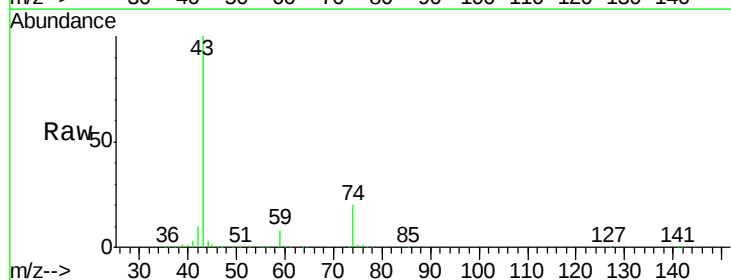
Acq: 30 Apr 2019 16:23

Tgt Ion: 43 Resp: 153901

Ion Ratio Lower Upper

43 100

74 20.4 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

100000

80000

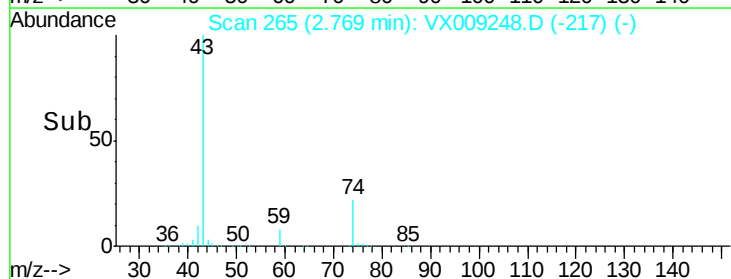
60000

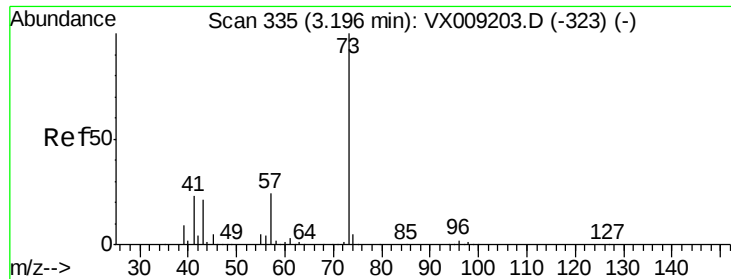
40000

20000

0

Time-->





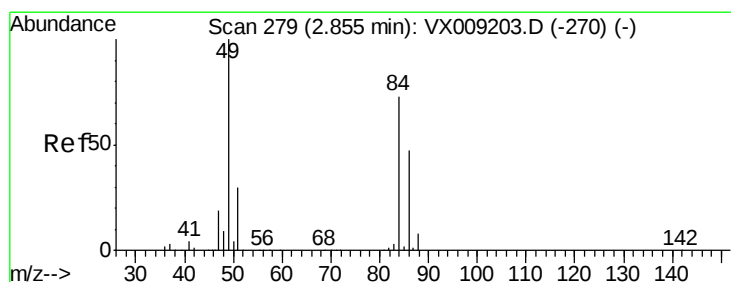
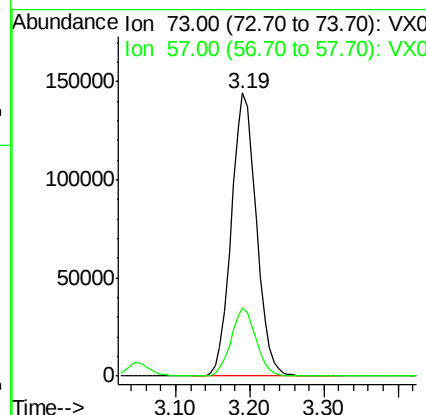
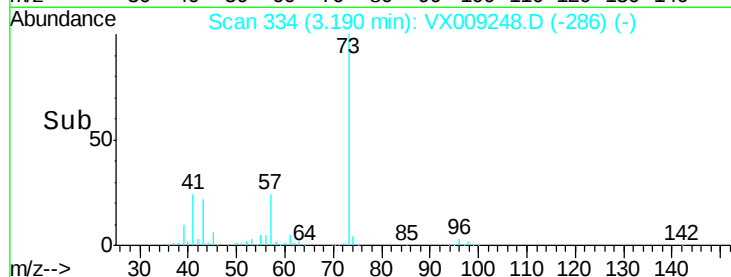
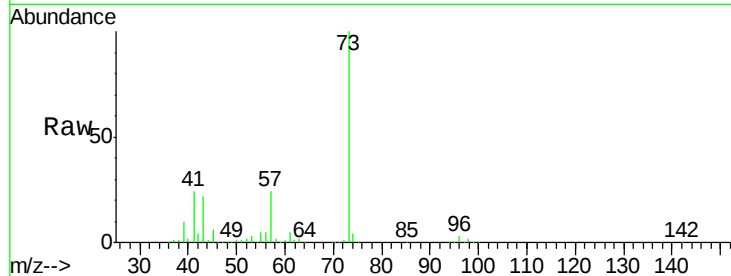
#19
Methyl tert-butyl Ether
Concen: 47.491 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.2	19.3	28.9

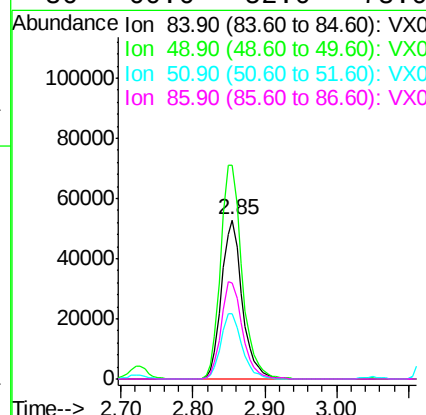
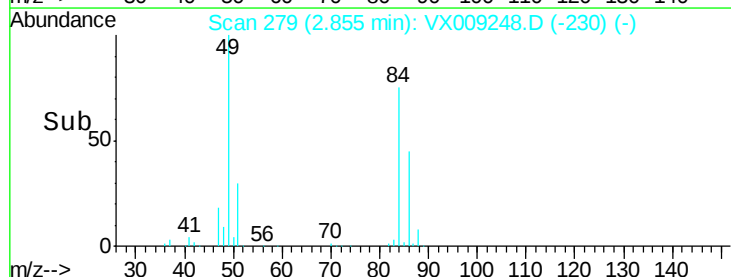
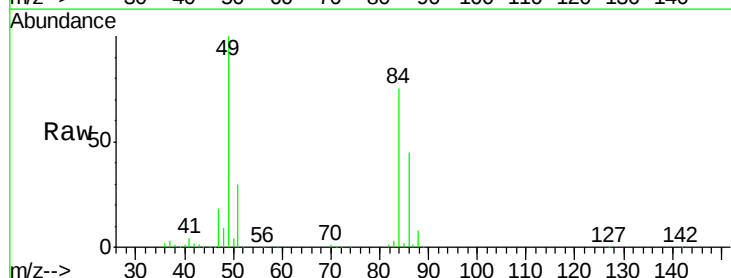
Manual Integrations
APPROVED

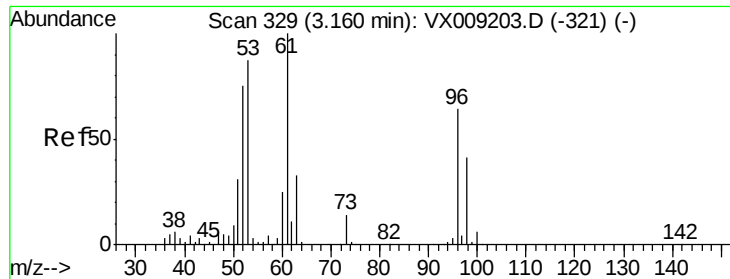
MMDadoda
5/1/2019 10:24:47 AM



#20
Methylene Chloride
Concen: 45.214 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.1	109.9	164.9
51	40.5	32.7	49.1
86	60.6	52.0	78.0





#21

trans-1,2-Dichloroethene

Concen: 47.122 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

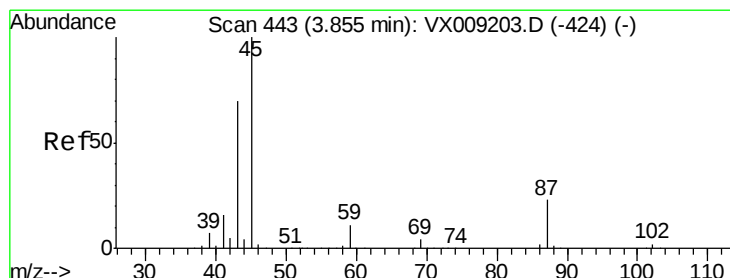
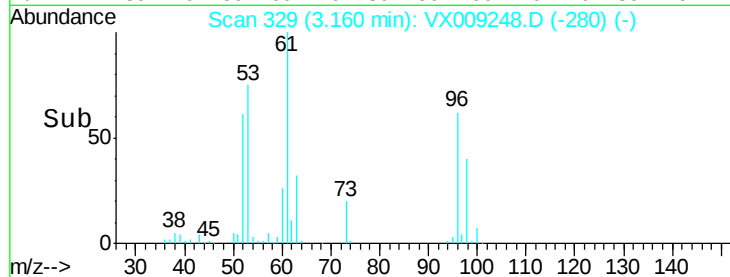
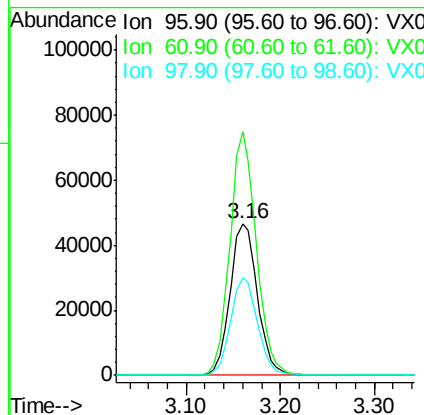
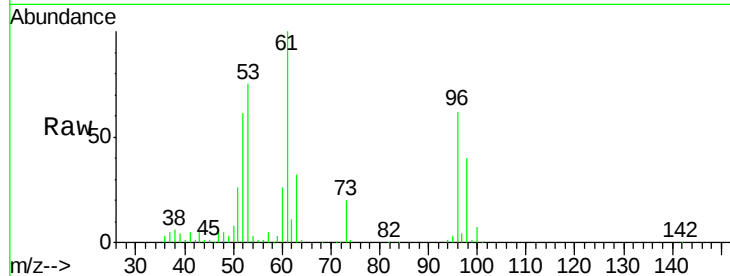
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	93935
Ion	Ratio	Lower	Upper
96	100		
61	160.4	124.5	186.7
98	64.8	50.4	75.6

Manual Integrations
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5/1/2019 10:24:47 AM



#22

Diisopropyl ether

Concen: 47.859 ug/l

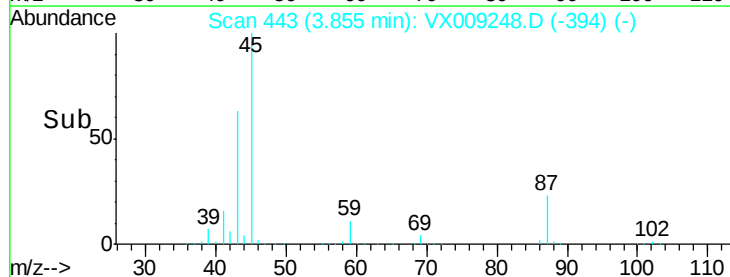
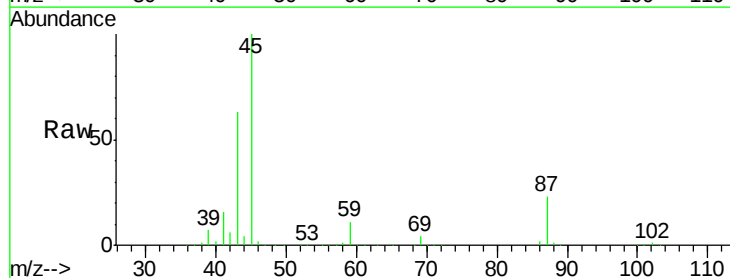
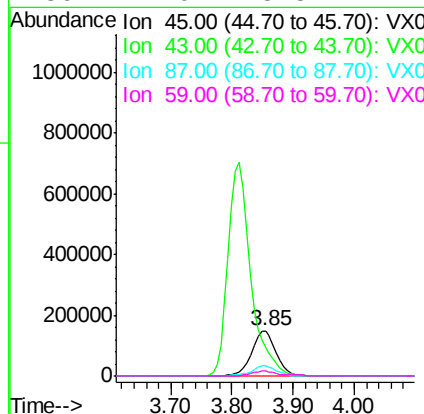
RT: 3.85 min Scan# 443

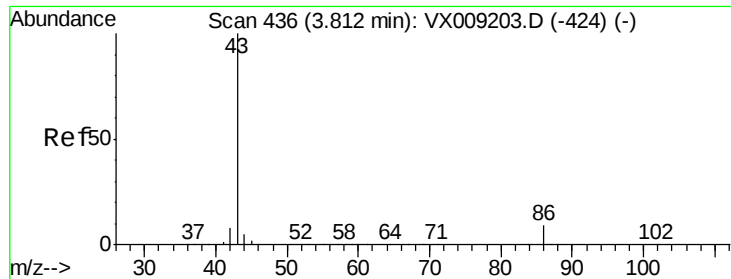
Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Tgt Ion:	45	Resp:	412288
Ion	Ratio	Lower	Upper
45	100		
43	63.3	56.1	84.1
87	23.0	18.1	27.1
59	11.0	8.5	12.7





#23

Vinyl Acetate

Concen: 245.661 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1812189

Ion Ratio Lower Upper

43 100

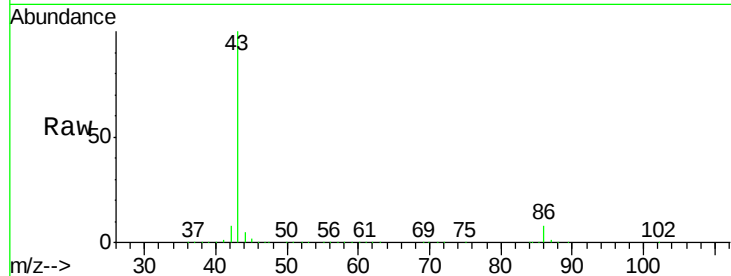
86 8.4 6.9 10.3

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

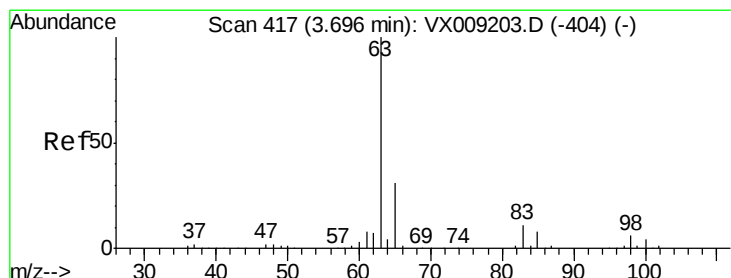
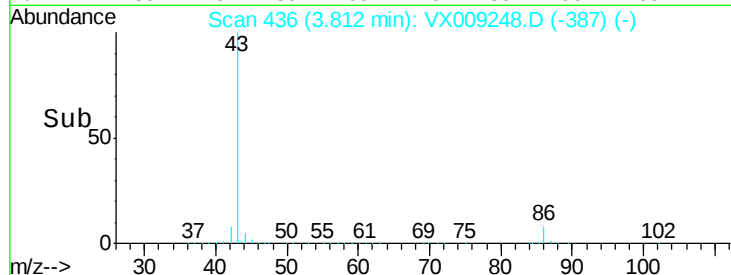
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.929 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

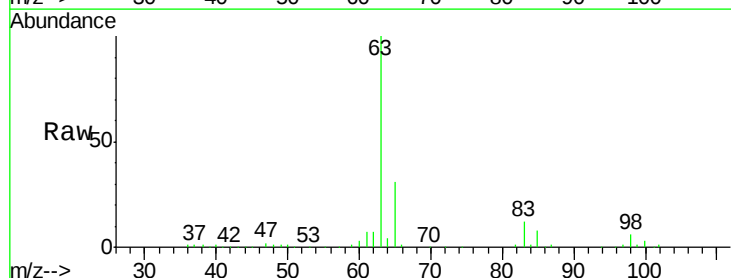
Tgt Ion: 63 Resp: 199435

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.4 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

100000

80000

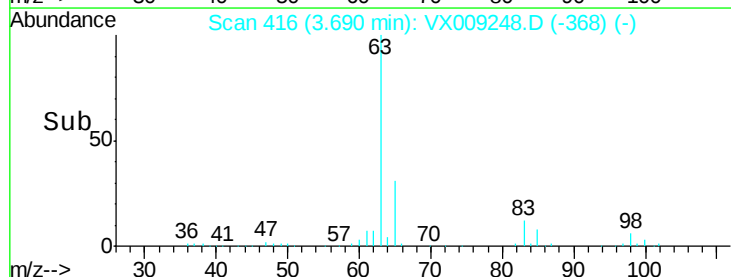
60000

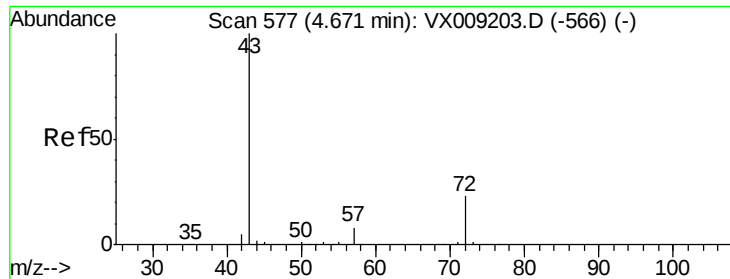
40000

20000

0

Time-->





#25

2-Butanone

Concen: 240.733 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 537191

Ion Ratio Lower Upper

43 100

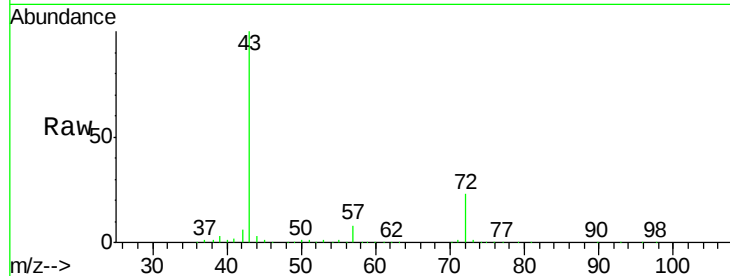
72 22.8 18.2 27.2

Manual Integrations

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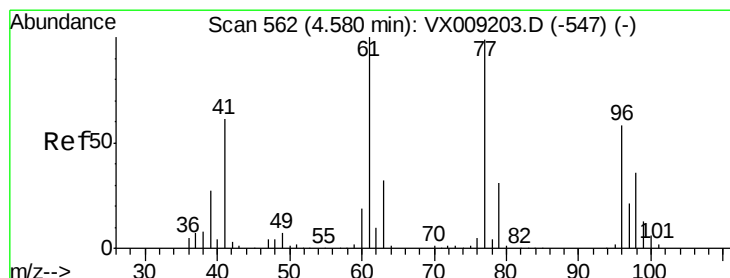
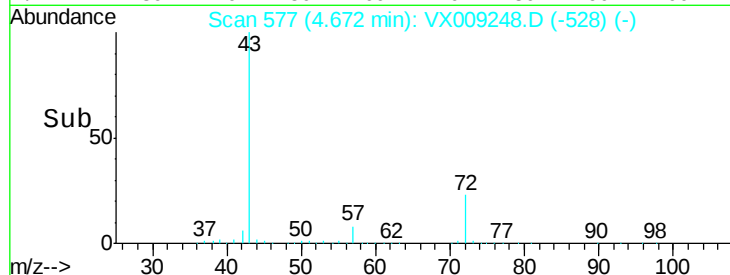
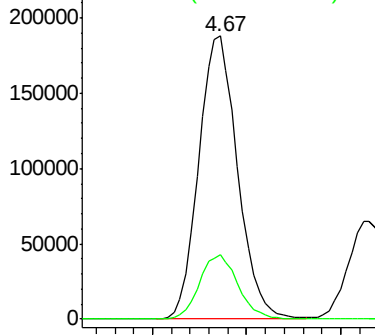
MMDadoda

5/1/2019 10:24:47 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.987 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009248.D

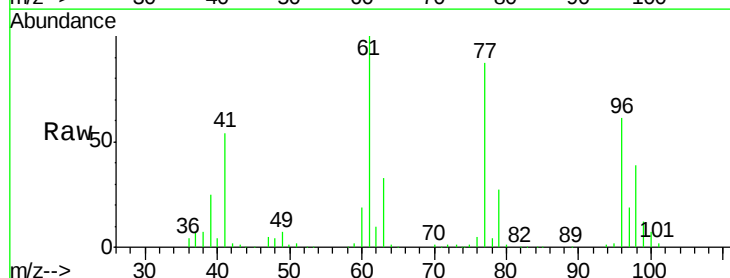
Acq: 30 Apr 2019 16:23

Tgt Ion: 77 Resp: 151794

Ion Ratio Lower Upper

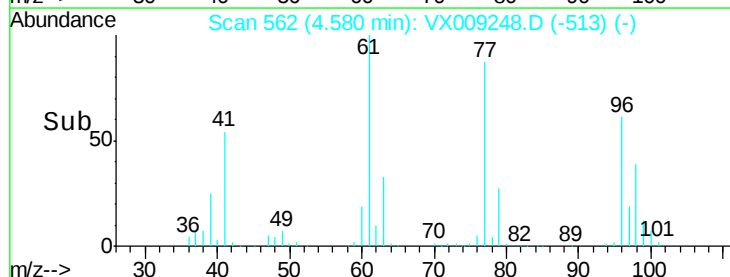
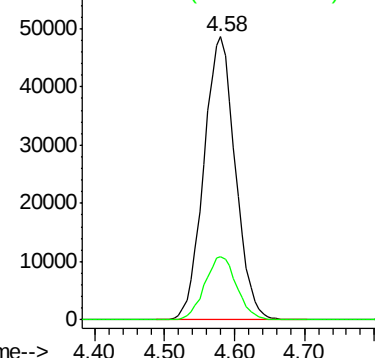
77 100

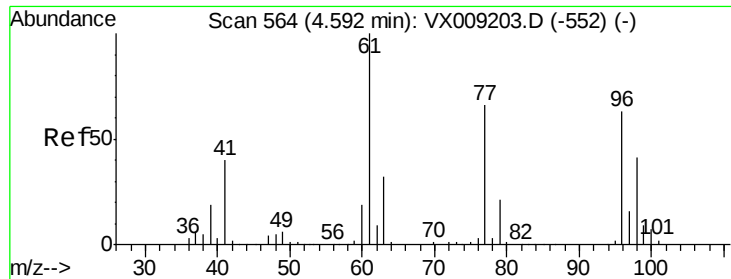
97 22.8 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

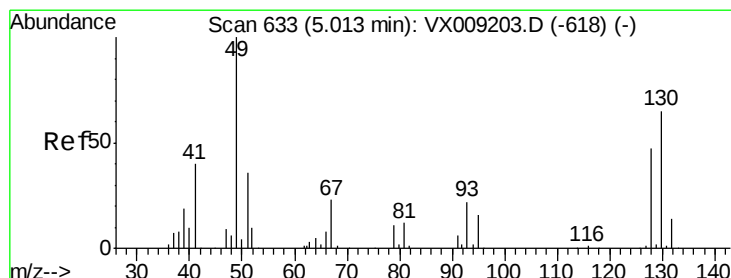
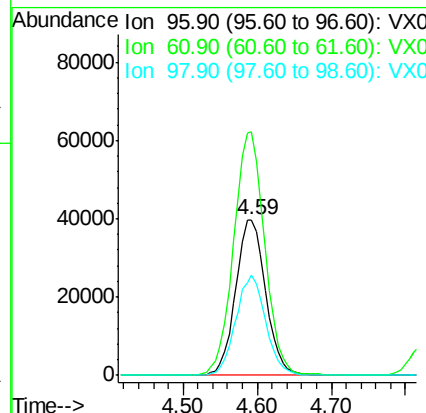
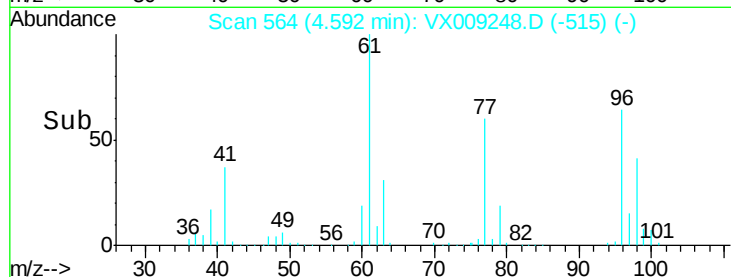
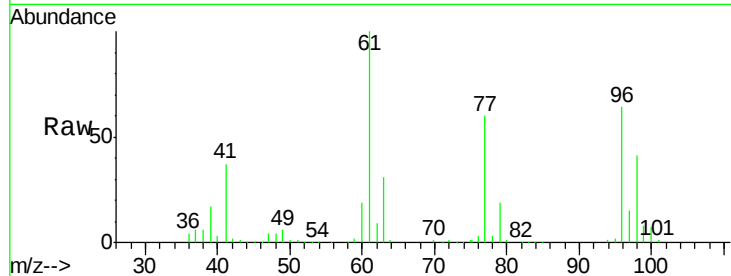
cis-1,2-Dichloroethene
Concen: 47.333 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	112624		
61	161.3	0.0	324.0	
98	63.9	0.0	130.4	

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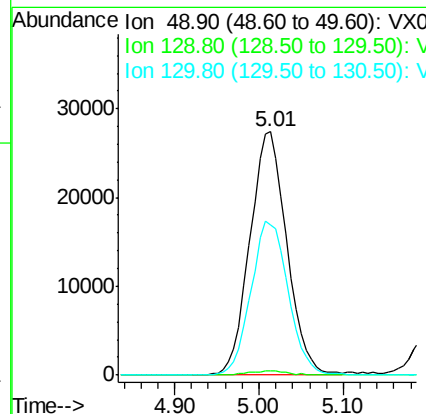
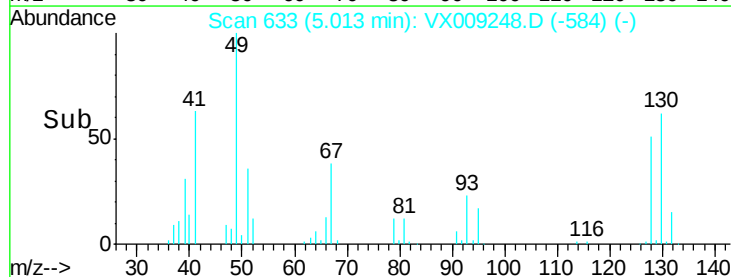
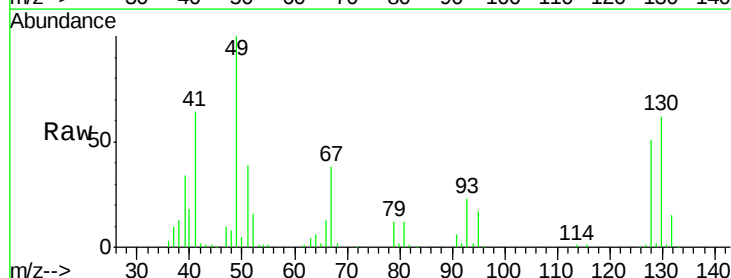
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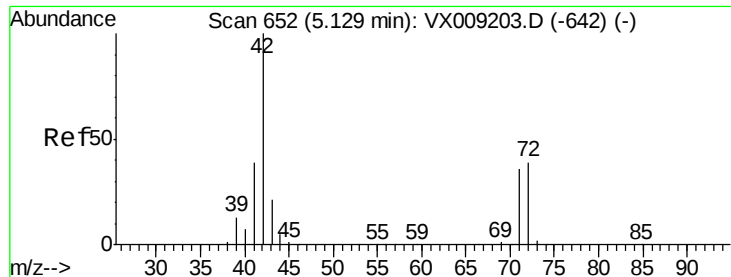


#28

Bromochloromethane
Concen: 48.034 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	82356		
129	1.8	0.0	3.8	
130	63.8	51.2	76.8	





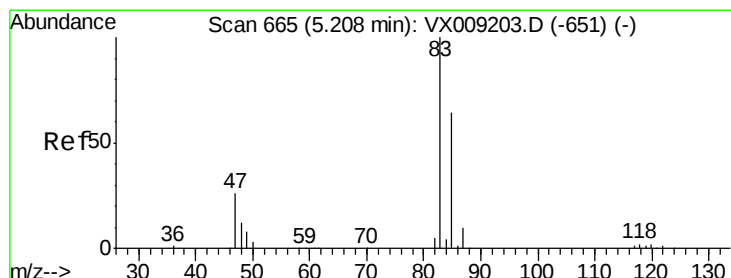
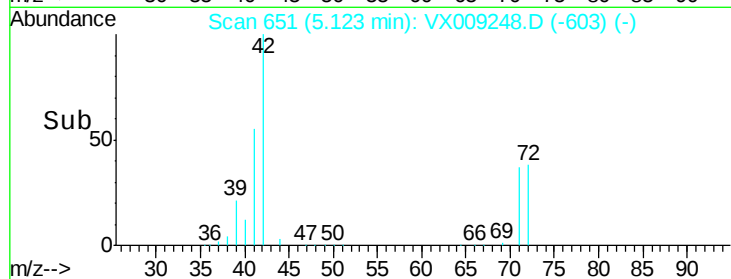
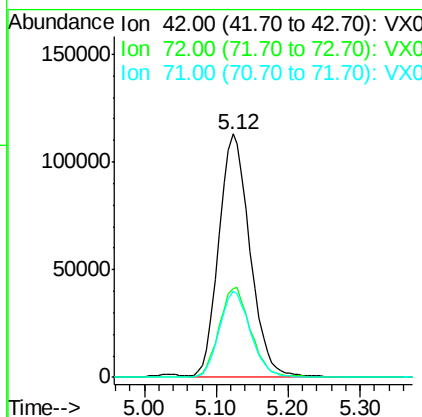
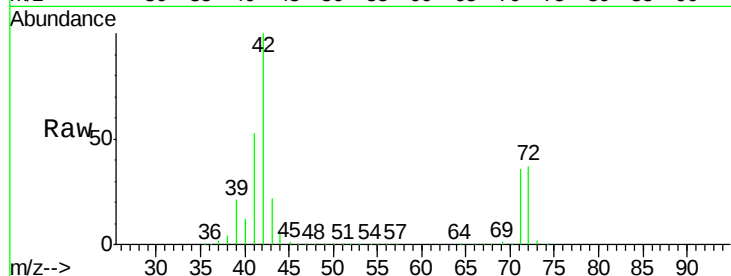
#29
Tetrahydrofuran
Concen: 235.542 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.8	30.4	45.6
71	35.5	28.6	43.0

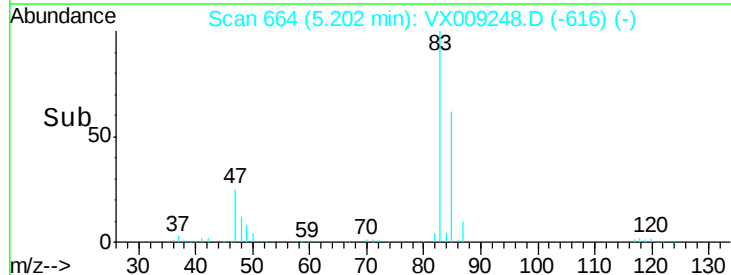
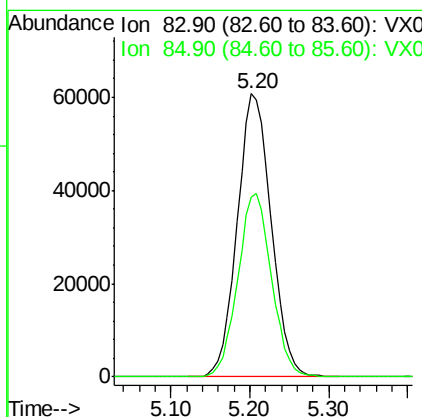
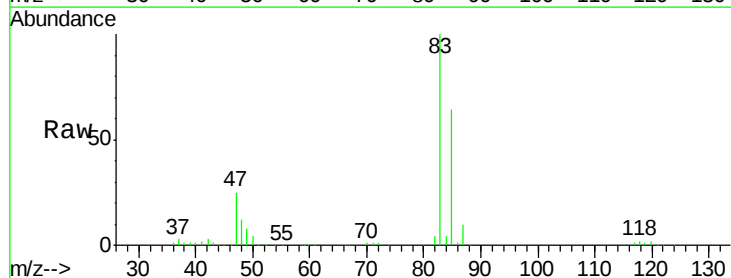
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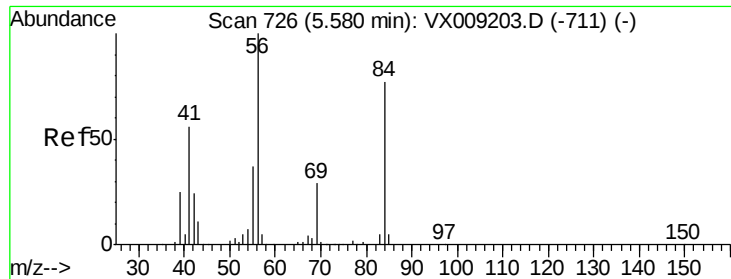
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#30
Chloroform
Concen: 47.303 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.5	77.3





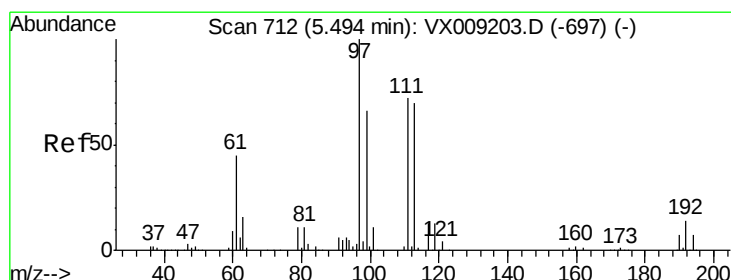
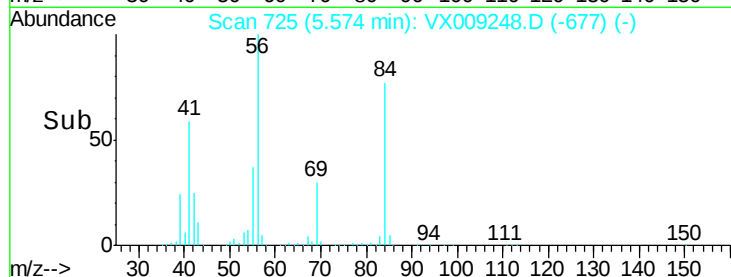
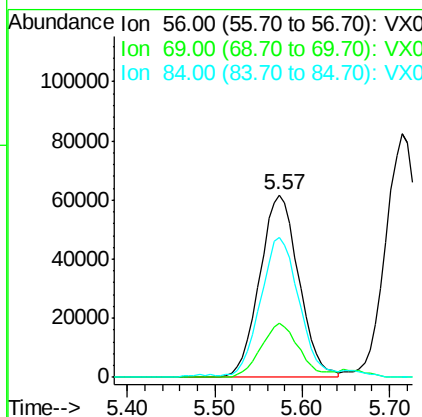
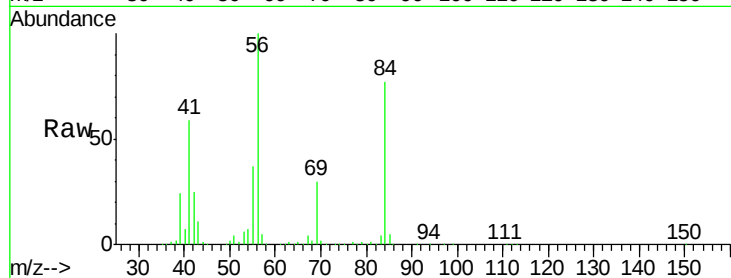
#31
Cyclohexane
Concen: 48.714 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	29.8	23.4	35.0	
84	75.8	61.9	92.9	

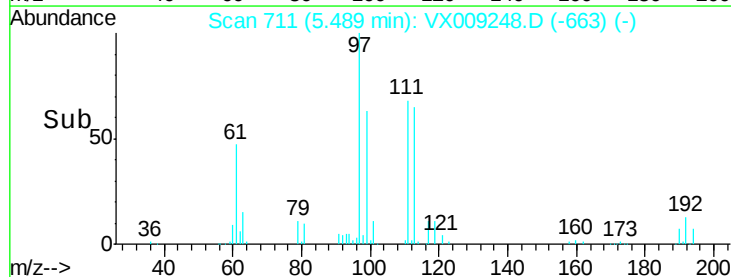
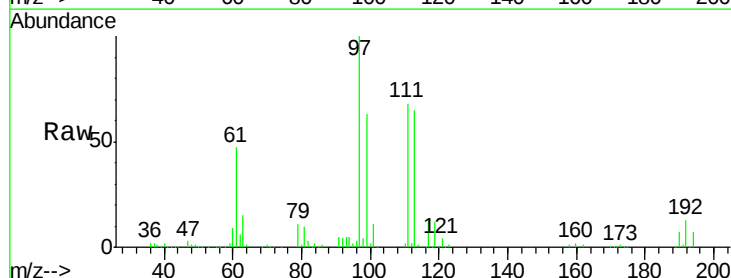
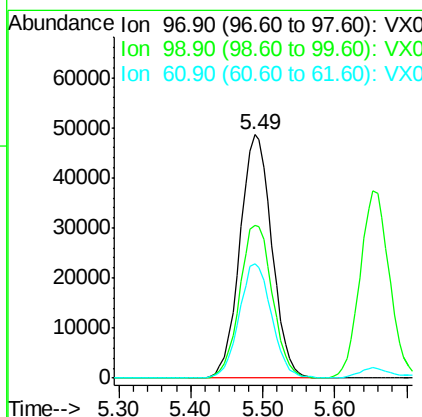
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#32
1,1,1-Trichloroethane
Concen: 46.828 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.2	51.8	77.8	
61	47.9	37.8	56.8	





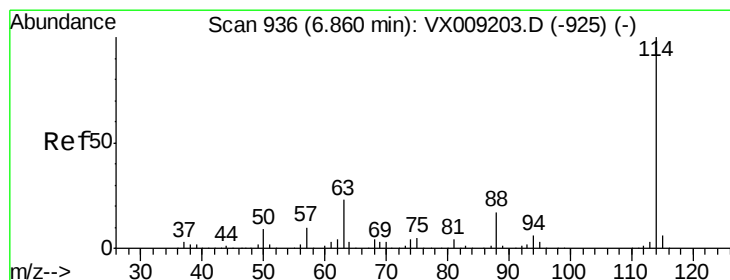
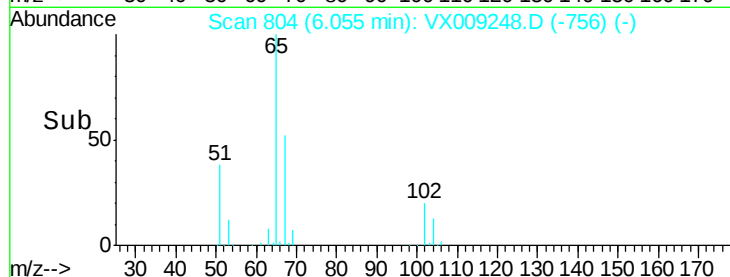
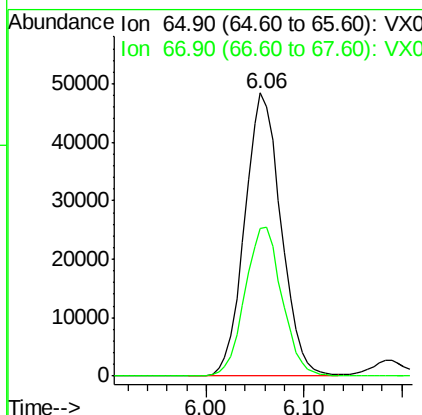
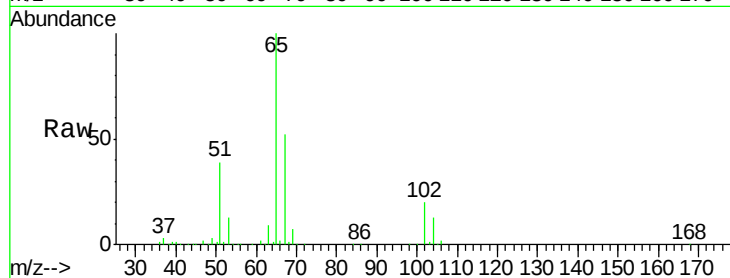
#33
 1,2-Dichloroethane-d4
 Concen: 46.712 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX009248.D
 Acq: 30 Apr 2019 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.6

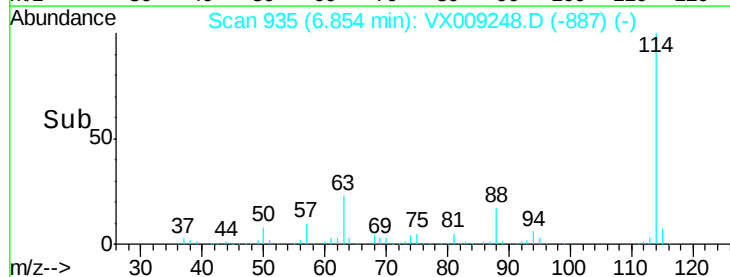
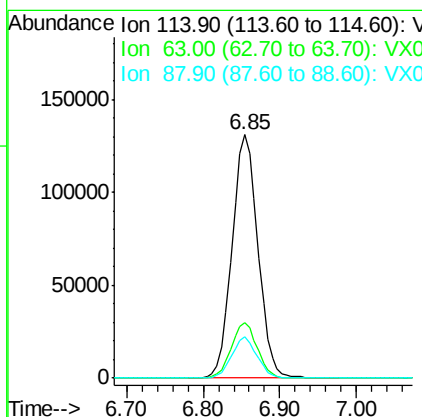
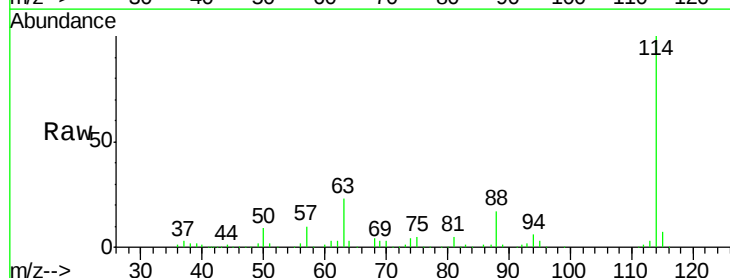
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009248.D
 Acq: 30 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	45.6
88	16.9	0.0	33.2





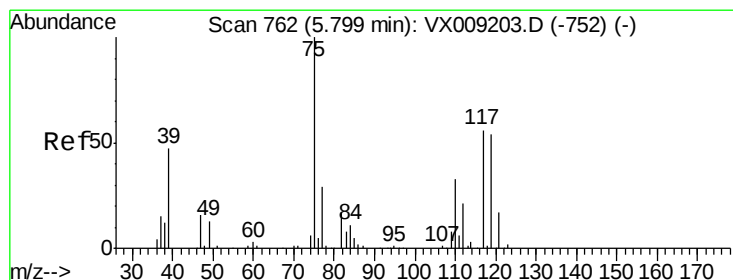
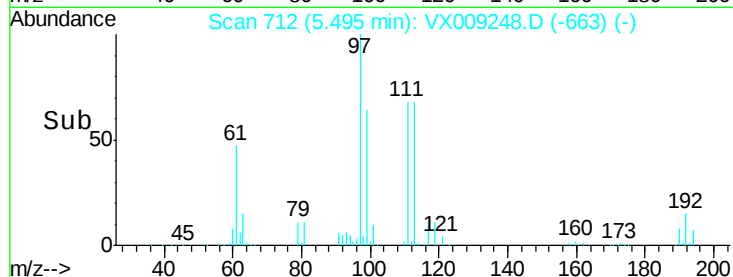
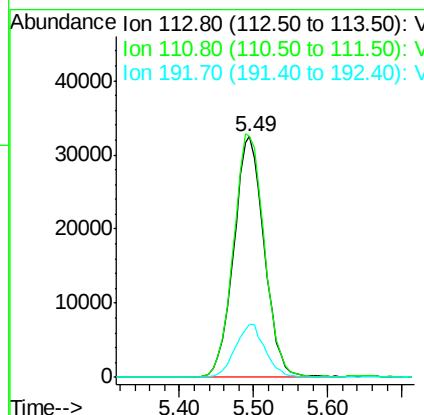
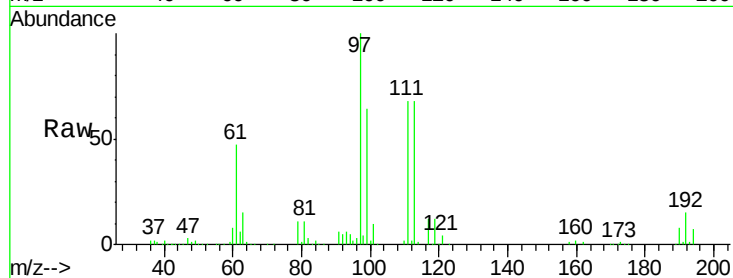
#35
 Dibromofluoromethane
 Concen: 48.069 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009248.D
 Acq: 30 Apr 2019 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.8	124.2
192	21.7	17.0	25.6

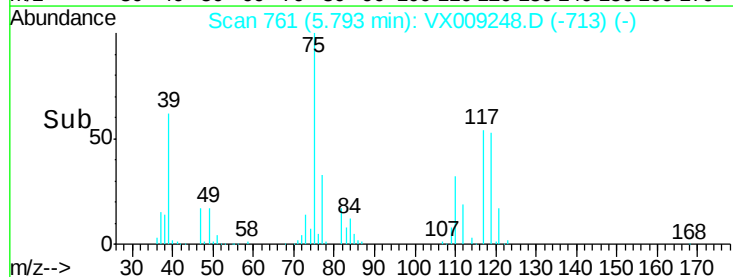
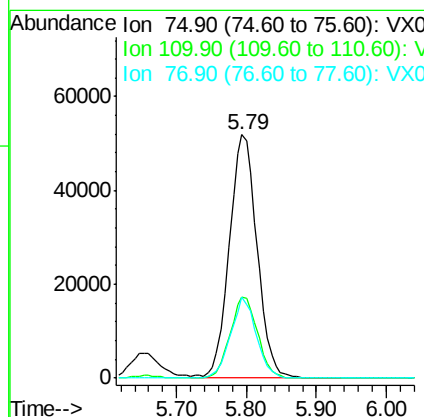
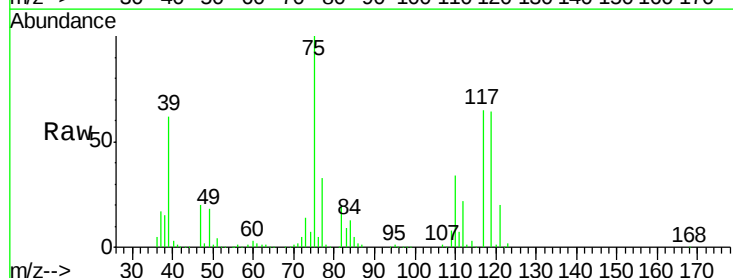
Manual Integrations
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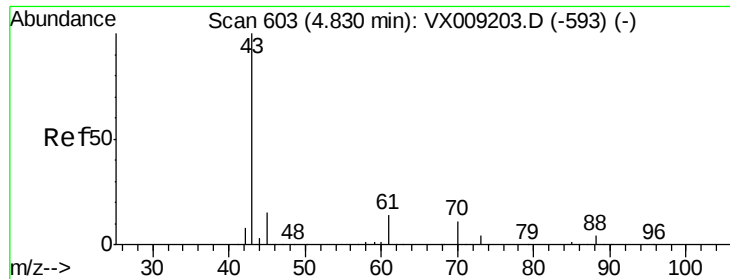
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#36
 1,1-Dichloropropene
 Concen: 49.887 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009248.D
 Acq: 30 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.9	50.6
77	30.5	24.8	37.2





#37

Ethyl Acetate

Concen: 48.978 ug/l

RT: 4.82 min Scan# 602

Delta R.T. -0.01 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

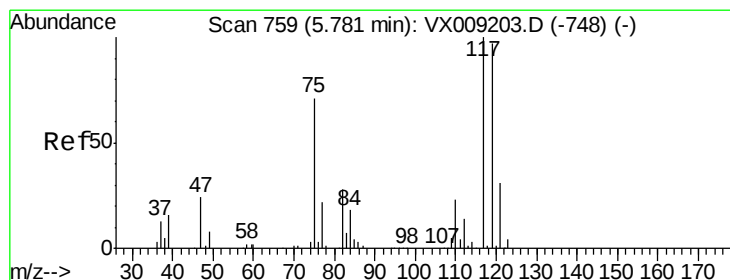
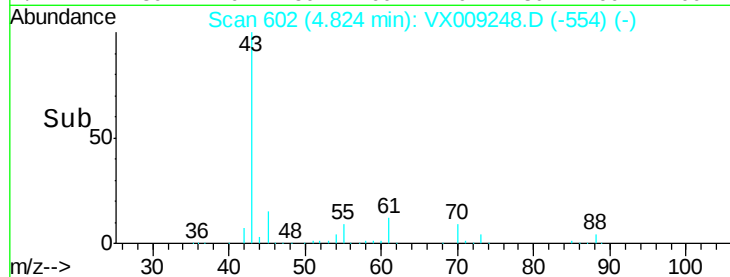
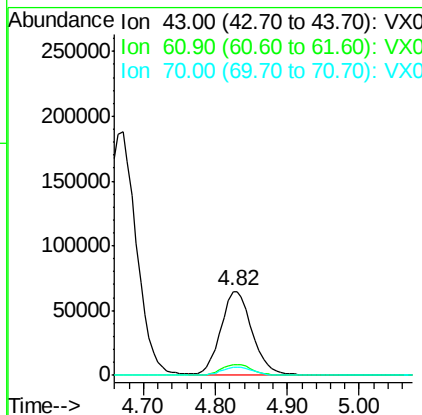
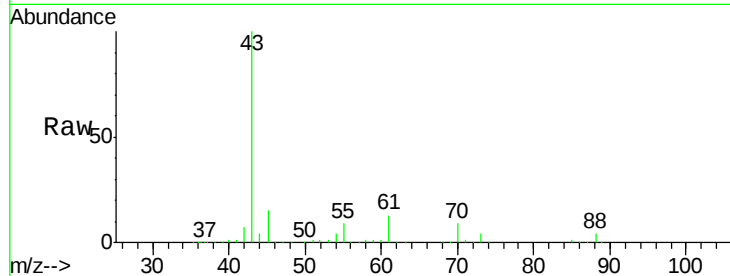
ClientSampled :

VSTDCCC050EC

Tot Ion:	43	Resp:	194710
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.5	15.7
70	9.6	7.9	11.9

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#38

Carbon Tetrachloride

Concen: 48.231 ug/l

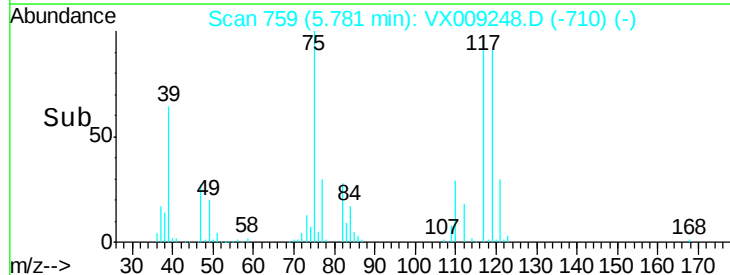
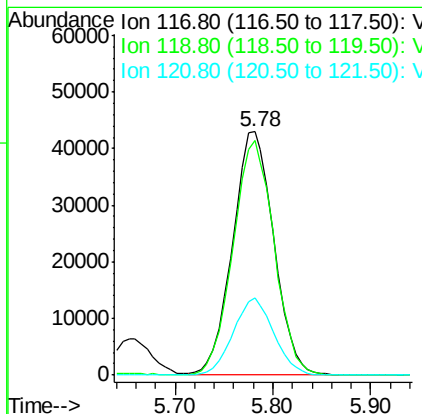
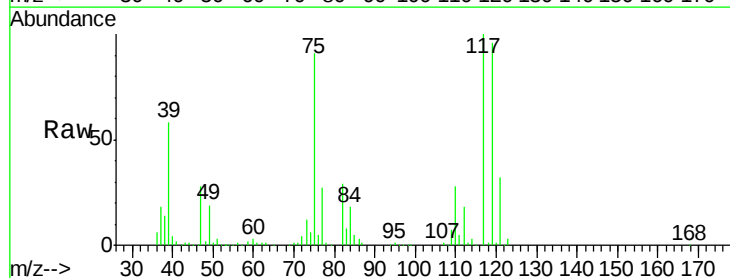
RT: 5.78 min Scan# 759

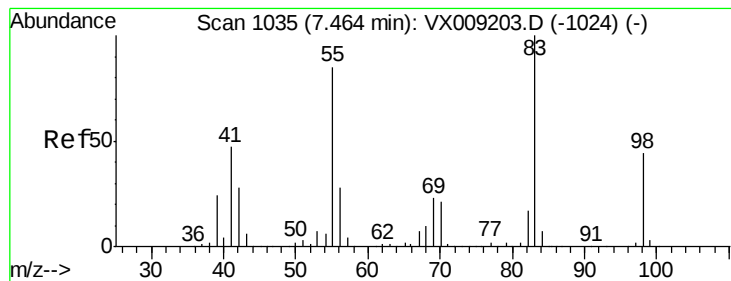
Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Tgt Ion:	117	Resp:	125035
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.5	116.3
121	31.7	24.7	37.1





#39

Methvlcvclohexane

Concen: 51.458 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

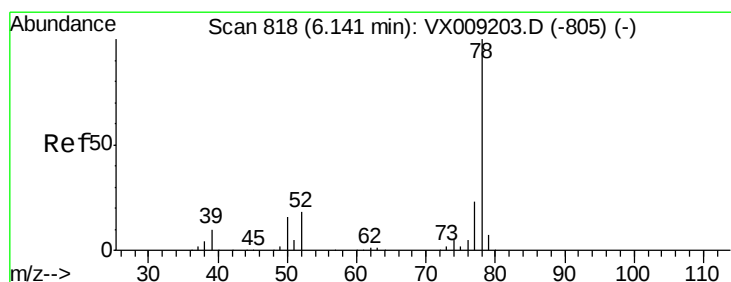
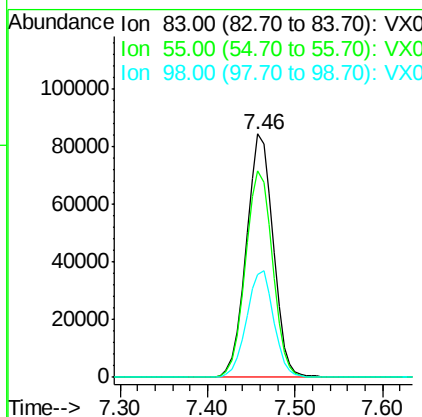
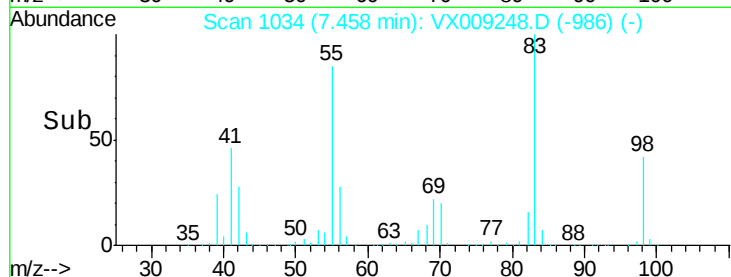
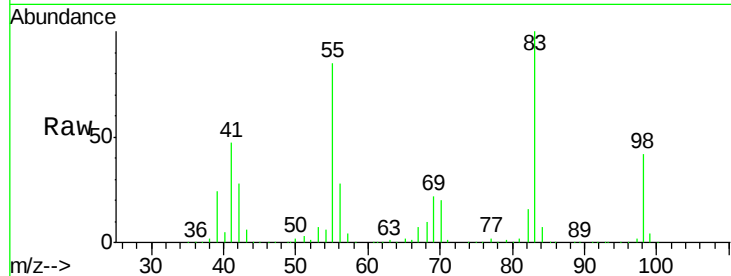
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	180315
Ion	Ratio	Lower	Upper
83	100		
55	84.8	67.7	101.5
98	42.4	35.5	53.3

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#40

Benzene

Concen: 48.587 ug/l

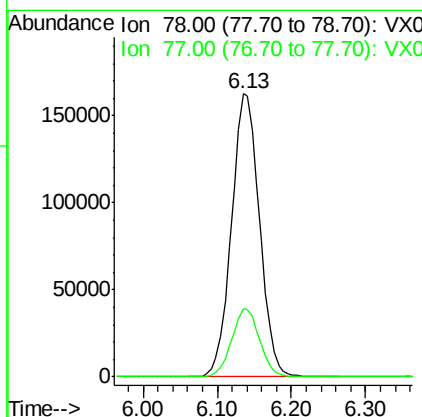
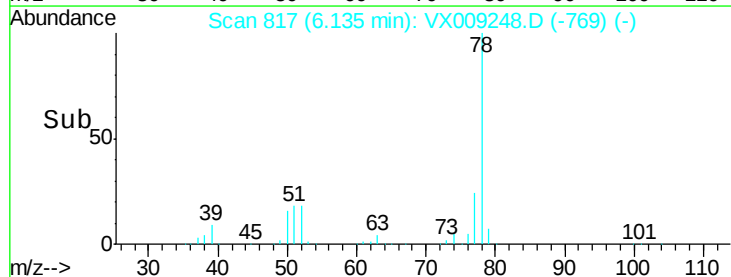
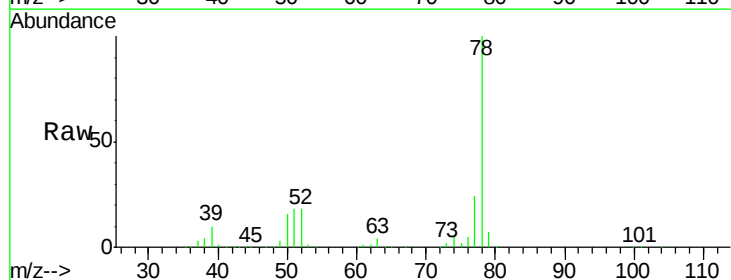
RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Tgt Ion:	78	Resp:	429041
Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.8	28.2





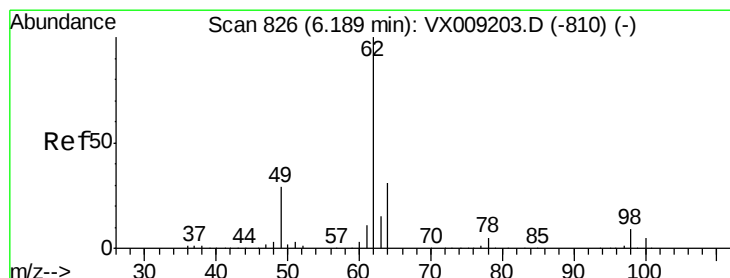
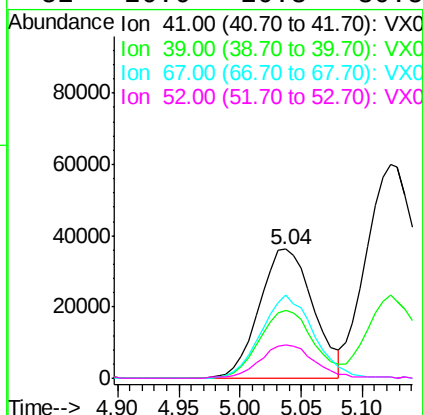
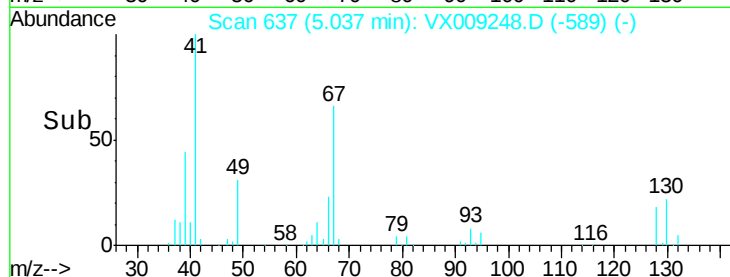
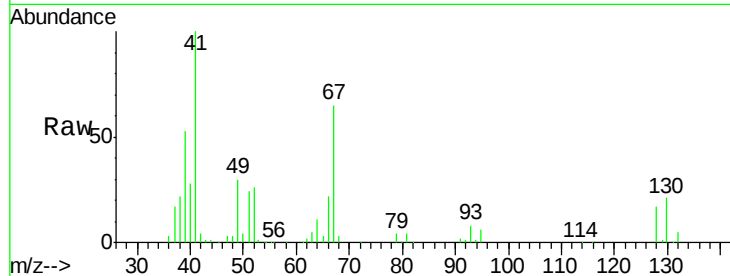
#41
Methacrylonitrile
Concen: 46.842 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.0	42.0	63.0	
67	63.4	49.8	74.8	
52	26.6	20.3	30.5	

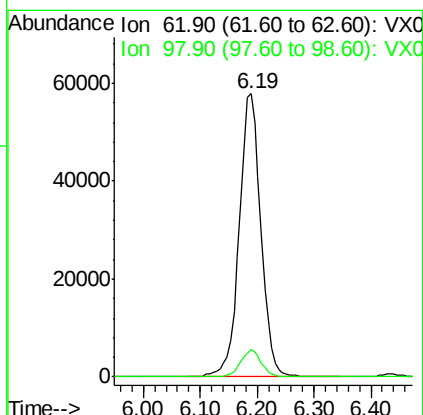
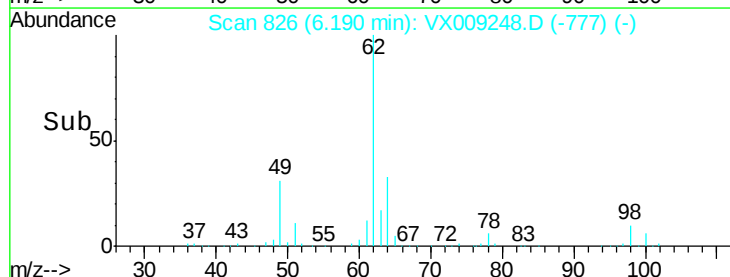
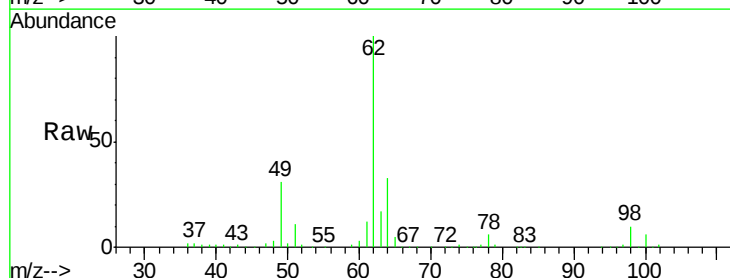
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 48.655 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	18.2	





#43

Isopropyl Acetate

Concen: 49.157 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

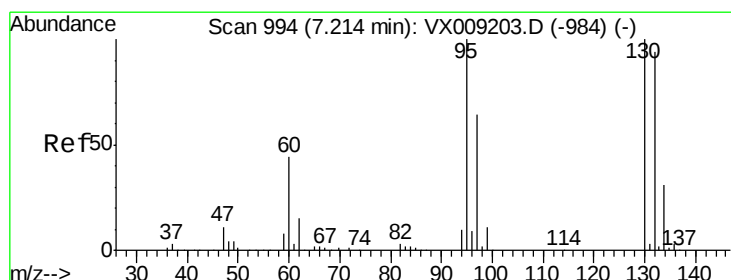
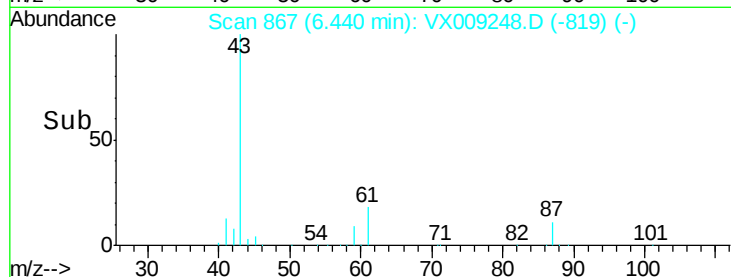
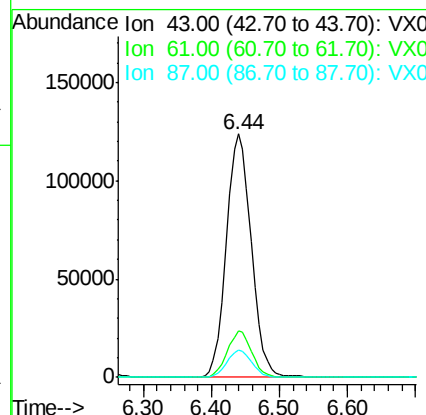
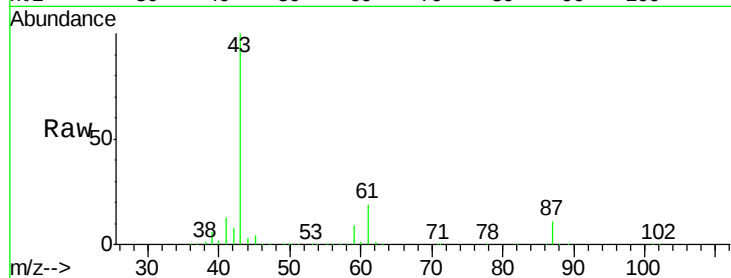
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	312589
Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.1	22.7
87	11.1	9.0	13.6

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#44

Trichloroethene

Concen: 48.108 ug/l

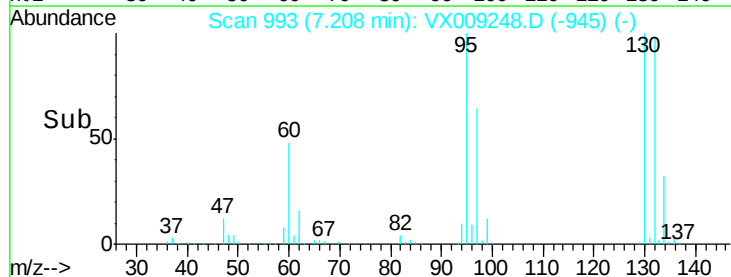
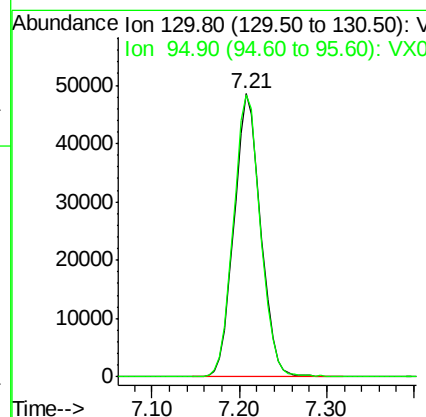
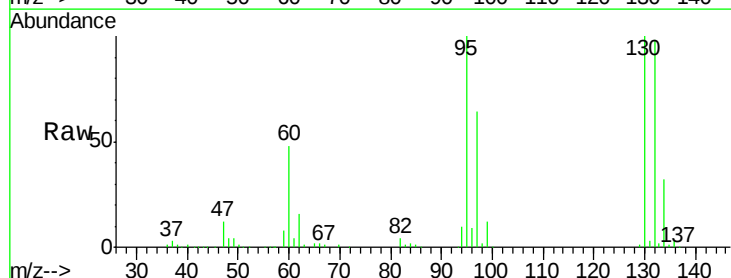
RT: 7.21 min Scan# 993

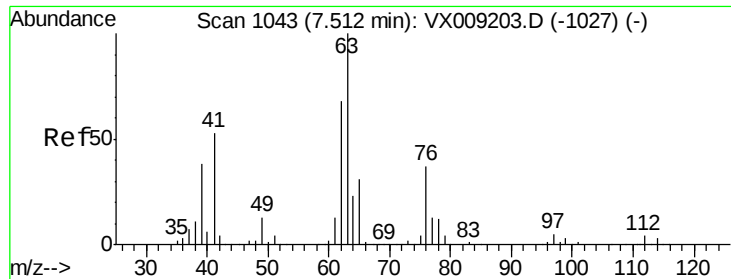
Delta R.T. -0.01 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Tgt Ion:	130	Resp:	102699
Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	199.2





#45

1,2-Dichloropropane

Concen: 49.332 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 123351

Ion Ratio Lower Upper

63 100

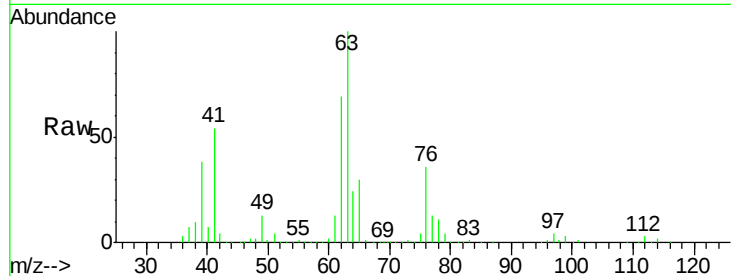
65 29.6 25.0 37.6

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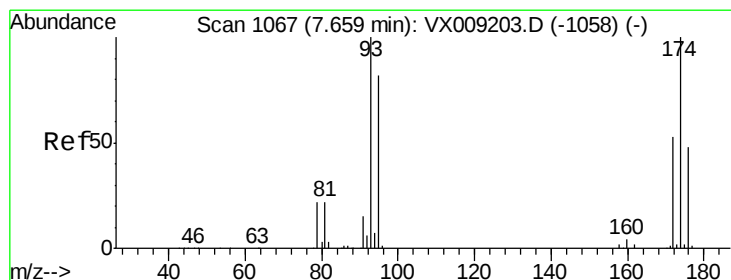
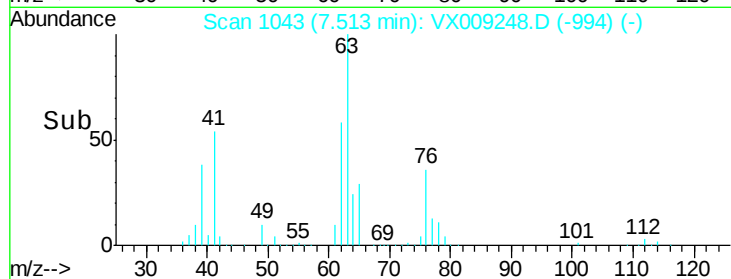
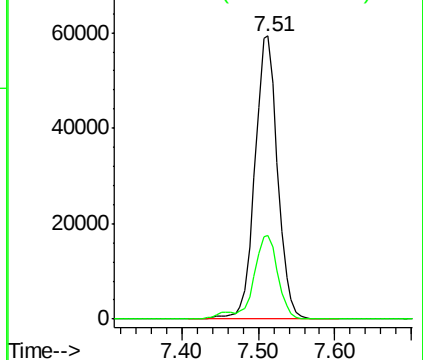
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.376 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

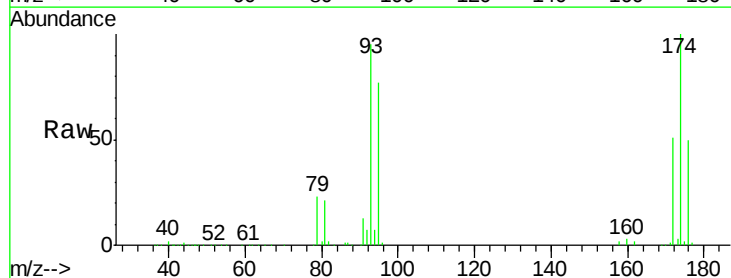
Tgt Ion: 93 Resp: 68791

Ion Ratio Lower Upper

93 100

95 83.8 66.5 99.7

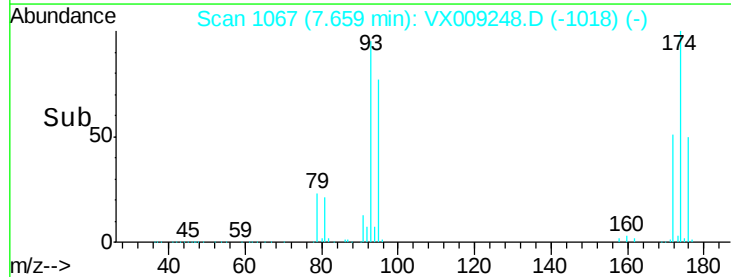
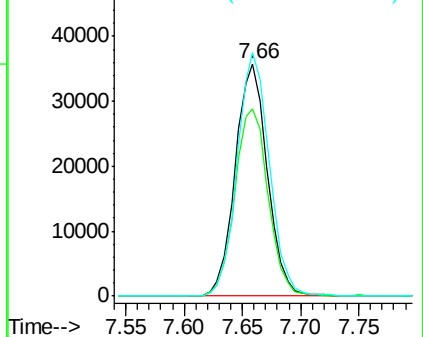
174 105.4 82.1 123.1

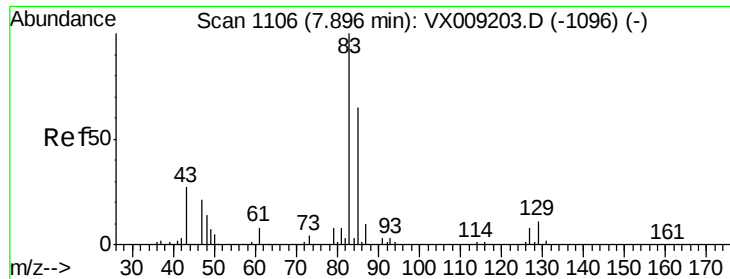


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.468 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

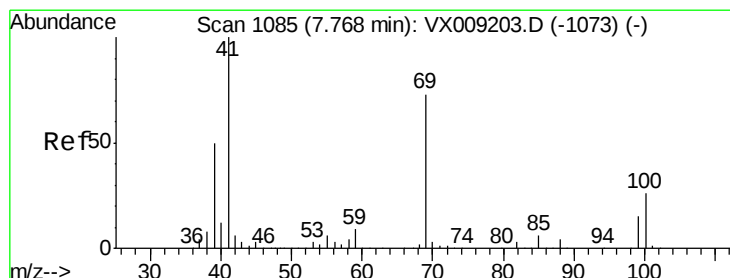
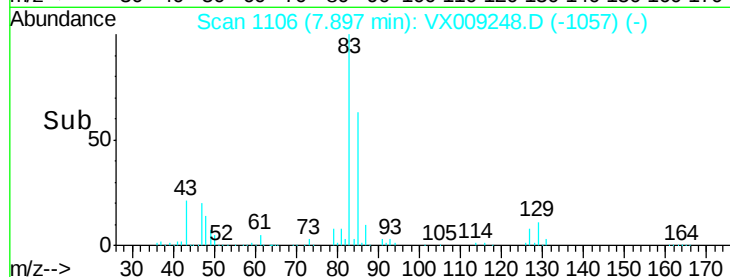
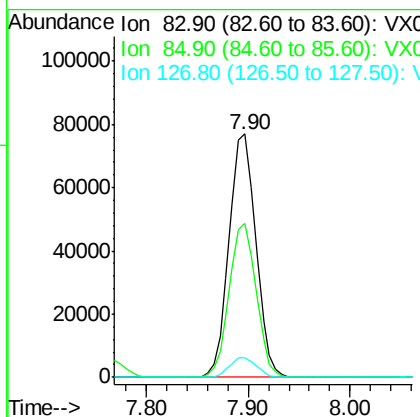
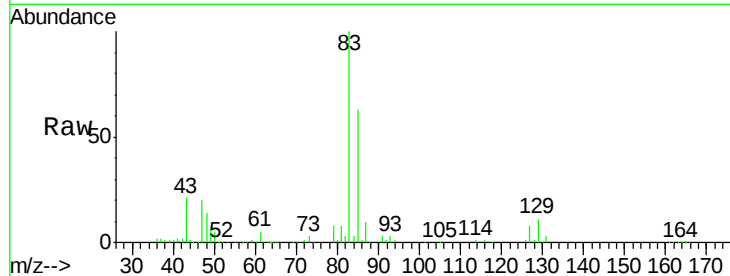
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	140382
Ion Ratio	Lower	Upper	
83	100		
85	63.1	52.4	78.6
127	7.9	6.6	10.0

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#48

Methyl methacrylate

Concen: 49.806 ug/l

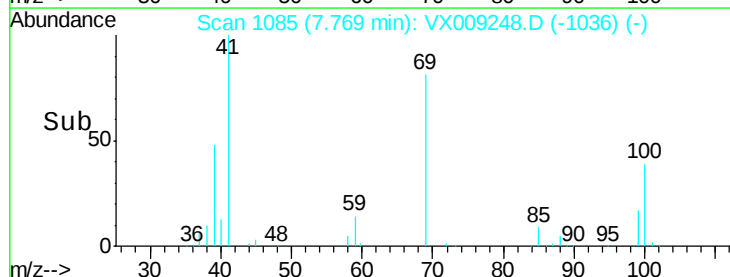
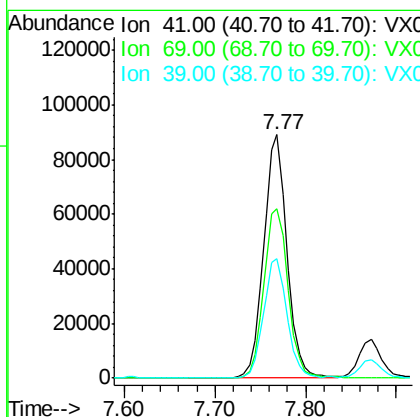
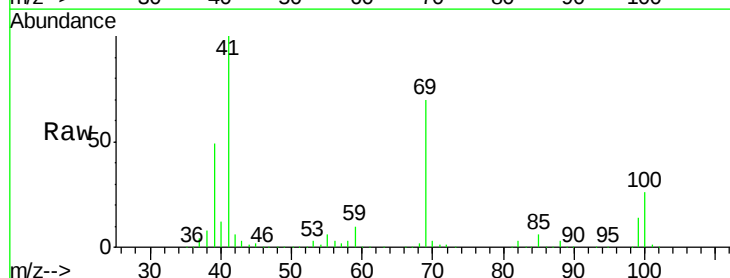
RT: 7.77 min Scan# 1085

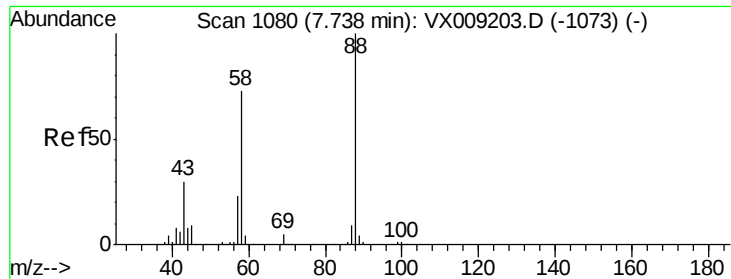
Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Tgt Ion:	41	Resp:	157130
Ion Ratio	Lower	Upper	
41	100		
69	73.7	59.1	88.7
39	49.6	40.4	60.6





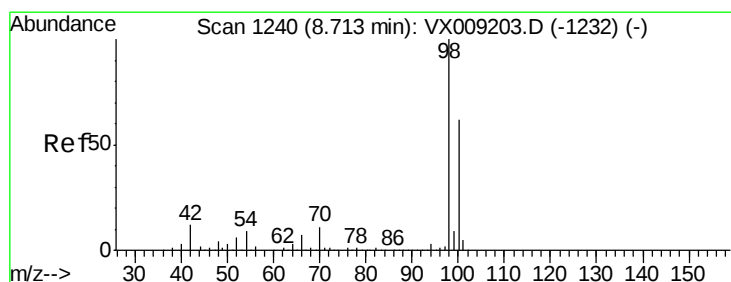
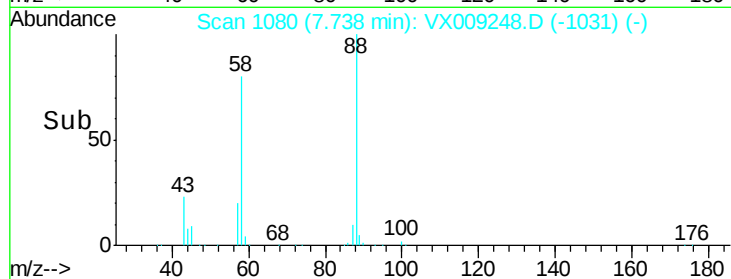
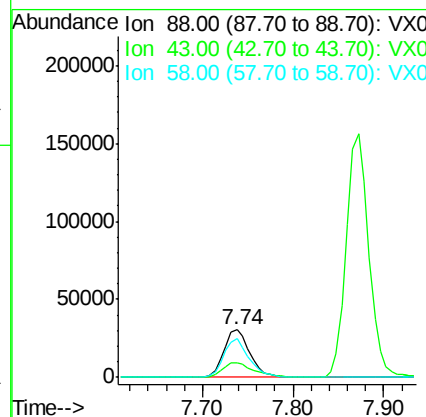
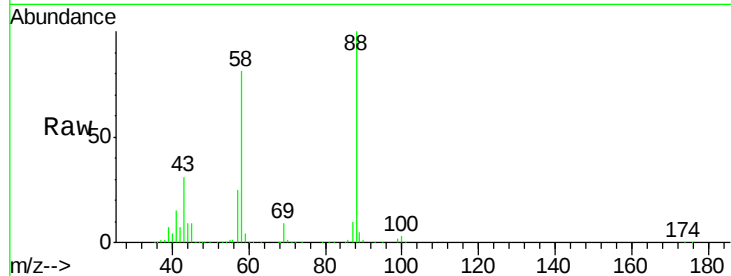
#49
1,4-Dioxane
Concen: 950.017 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.9	28.6	42.8
58	79.5	61.7	92.5

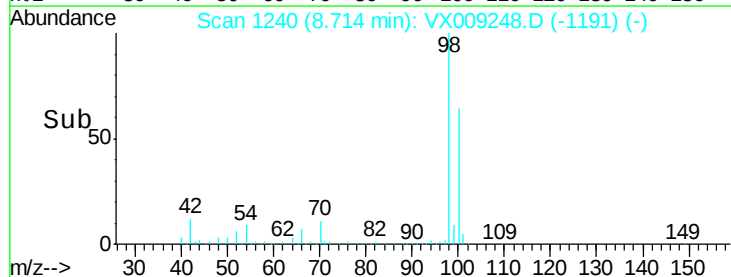
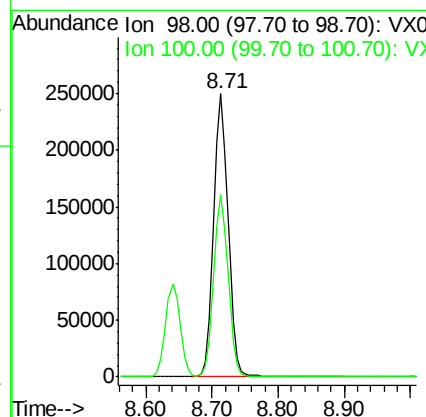
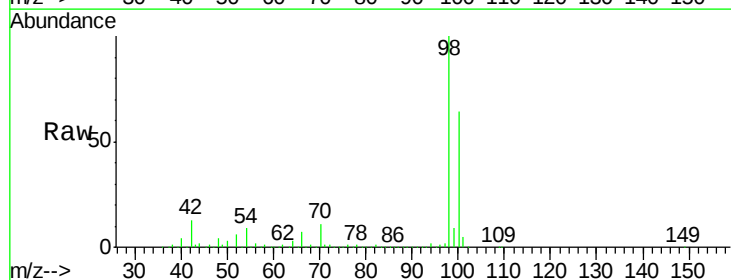
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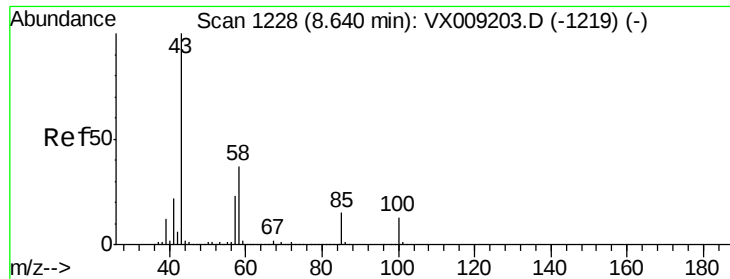
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#50
Toluene-d8
Concen: 49.267 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 242.925 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1009687

Ion Ratio Lower Upper

43 100

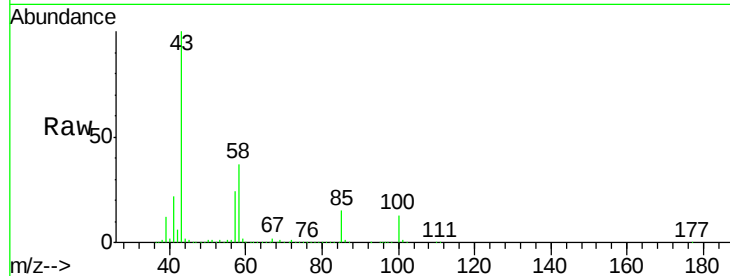
58 36.8 29.5 44.3

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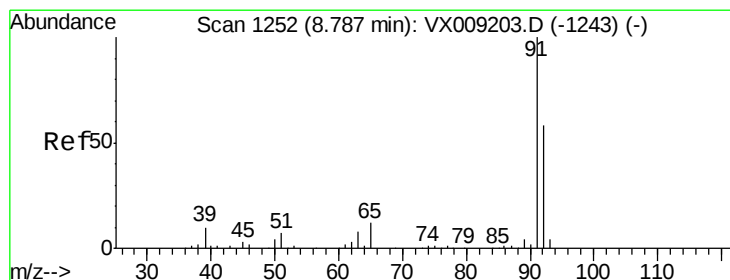
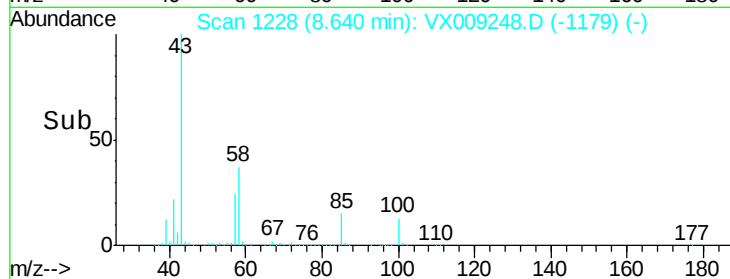
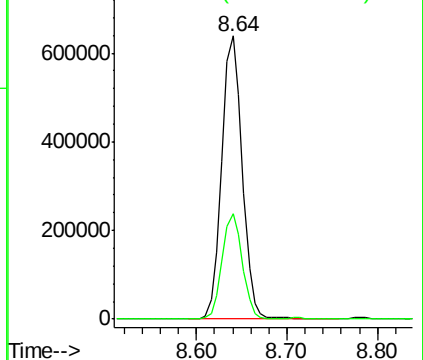
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.517 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009248.D

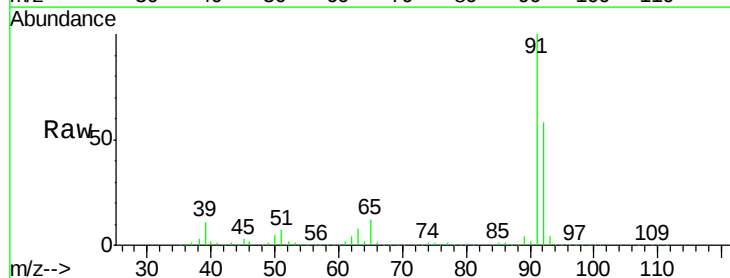
Acq: 30 Apr 2019 16:23

Tgt Ion: 92 Resp: 265794

Ion Ratio Lower Upper

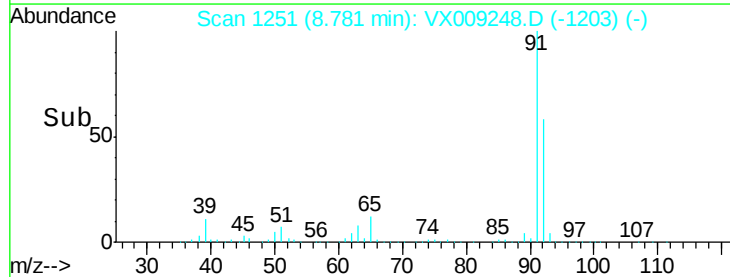
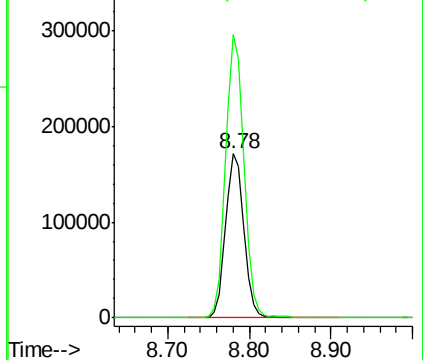
92 100

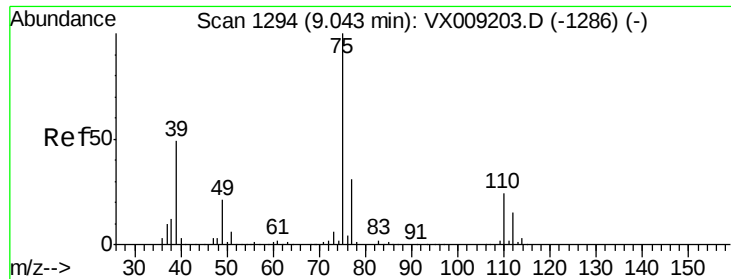
91 172.2 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





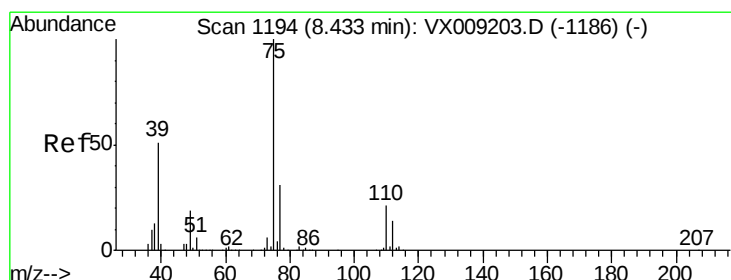
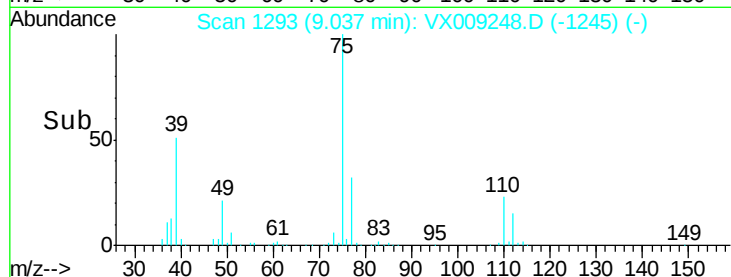
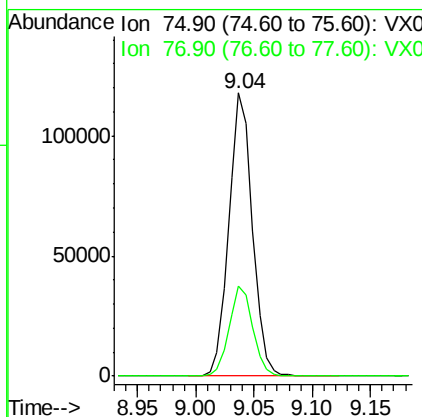
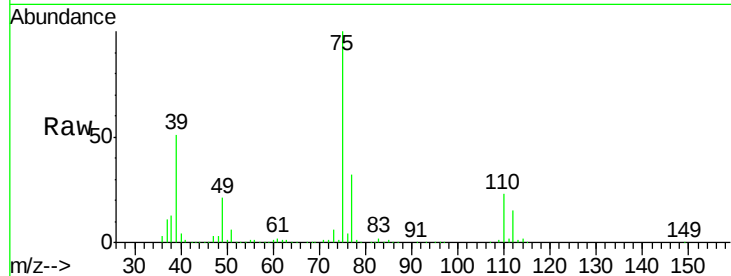
#53
t-1,3-Dichloropropene
Concen: 50.666 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
75	100	165680		
77	32.0	25.0	25.0	37.6

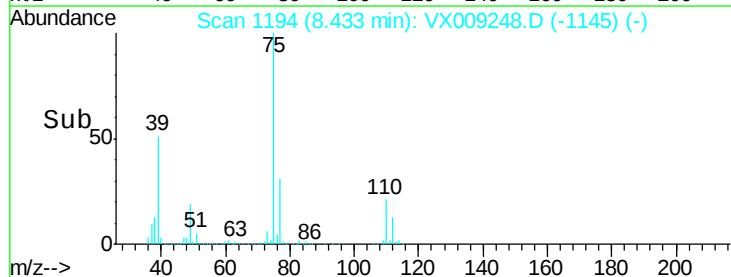
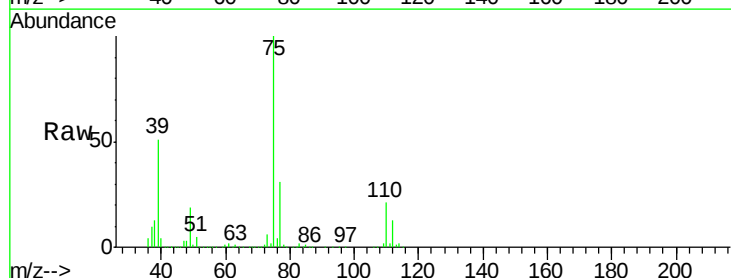
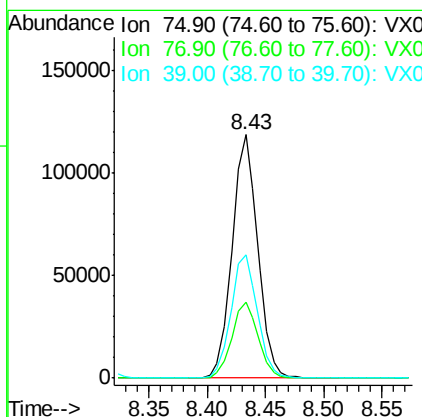
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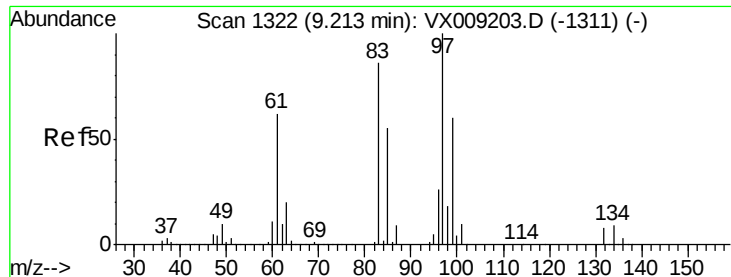
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#54
cis-1,3-Dichloropropene
Concen: 50.423 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	182504		
77	31.3	24.6	24.6	36.8
39	50.8	40.6	40.6	60.8





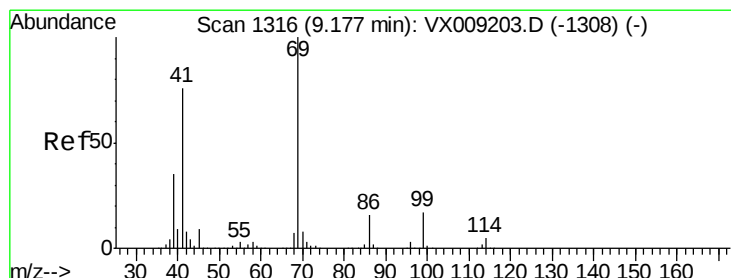
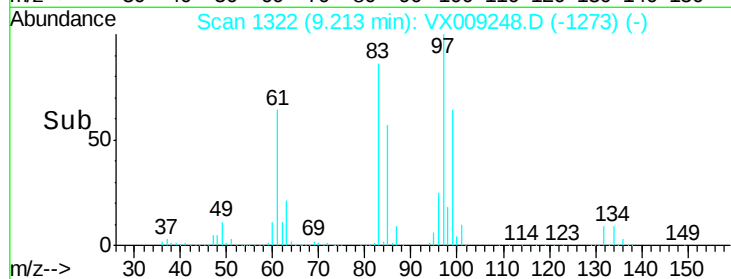
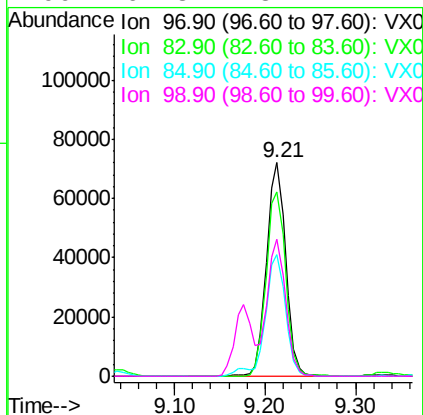
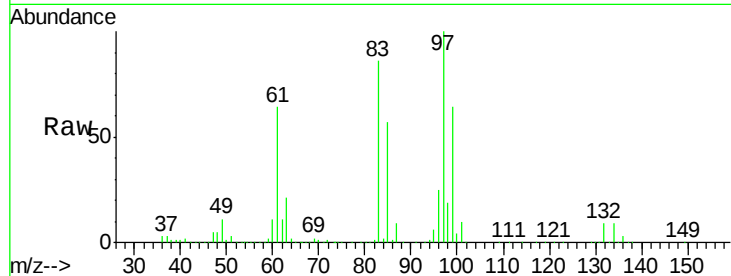
#55
 1,1,2-Trichloroethane
 Concen: 48.511 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009248.D
 Acq: 30 Apr 2019 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	106234
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.9	103.3
85	56.8	43.8	65.6
99	64.3	48.2	72.2

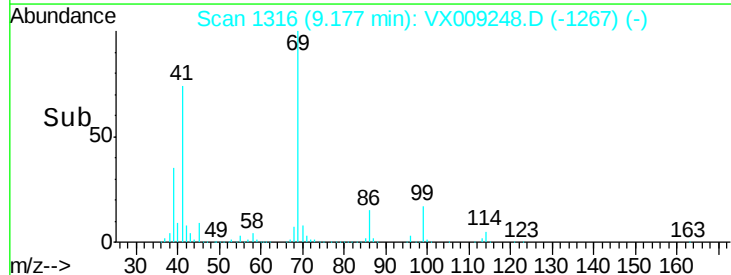
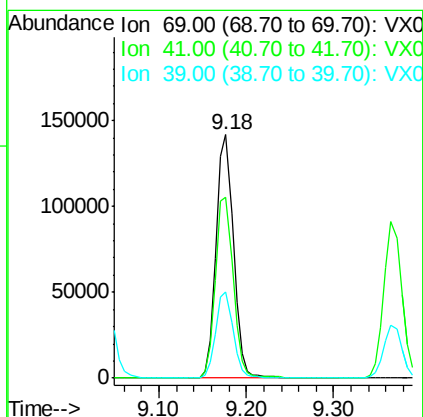
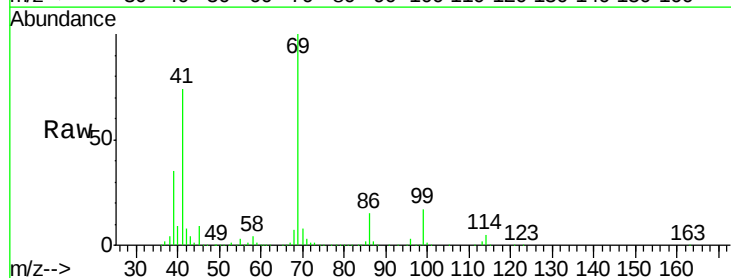
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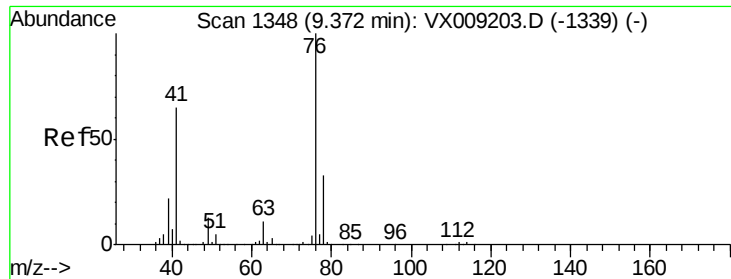
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#56
 Ethyl methacrylate
 Concen: 49.955 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009248.D
 Acq: 30 Apr 2019 16:23

Tgt Ion:	69	Resp:	195279
Ion	Ratio	Lower	Upper
69	100		
41	76.2	60.6	90.8
39	35.5	28.2	42.4





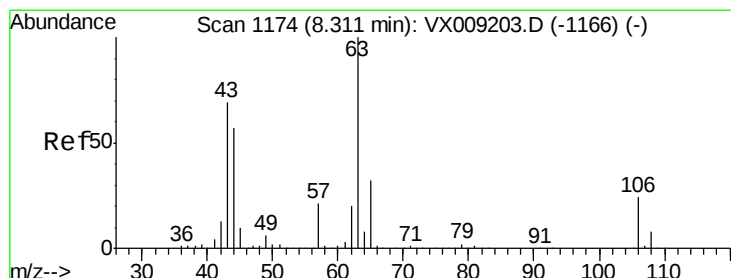
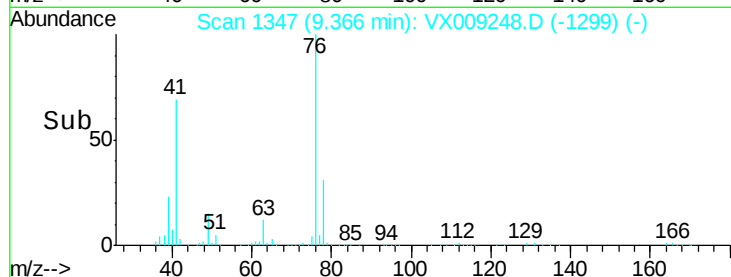
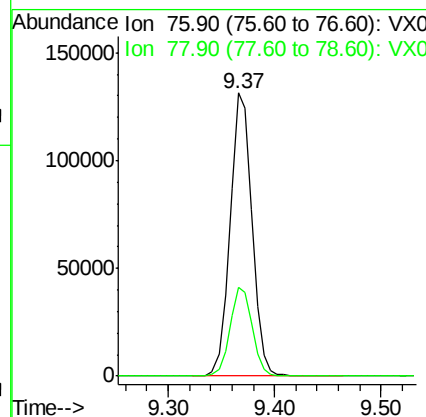
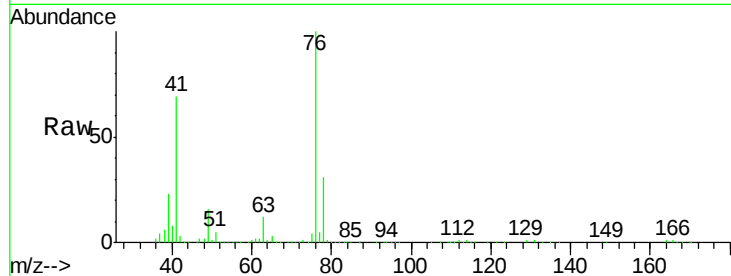
#57
 1,3-Dichloropropane
 Concen: 49.177 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX009248.D
 Acq: 30 Apr 2019 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.5	38.3

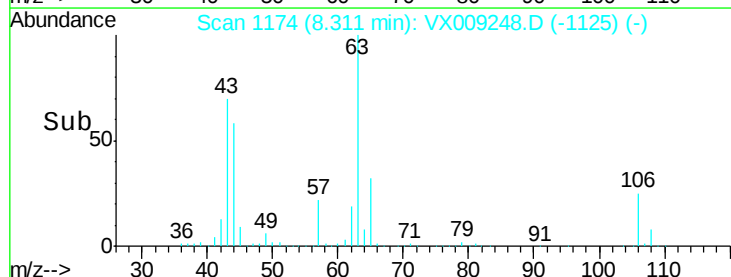
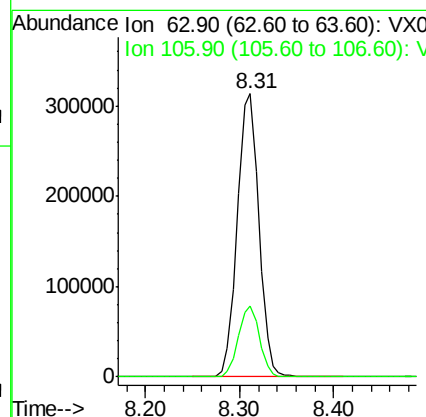
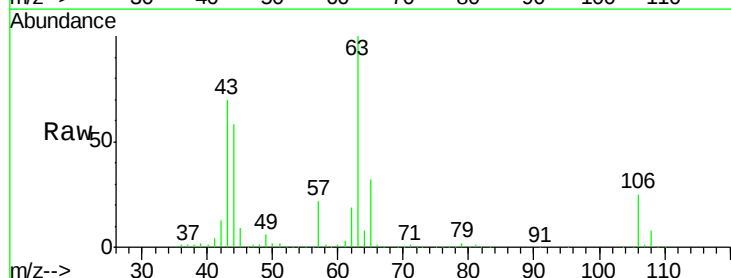
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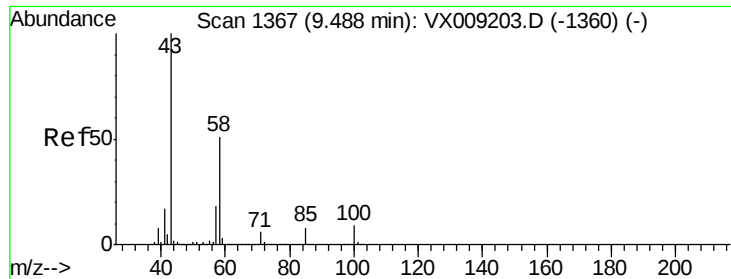
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#58
 2-Chloroethyl Vinyl ether
 Concen: 240.550 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX009248.D
 Acq: 30 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.6	19.7	29.5





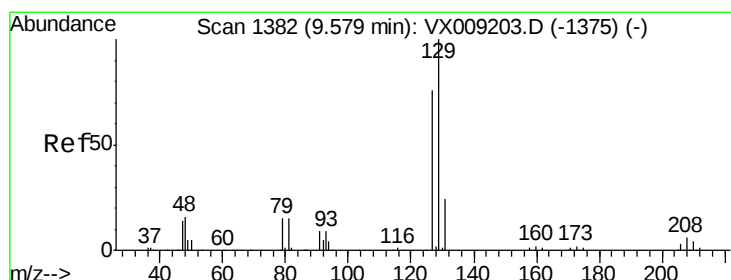
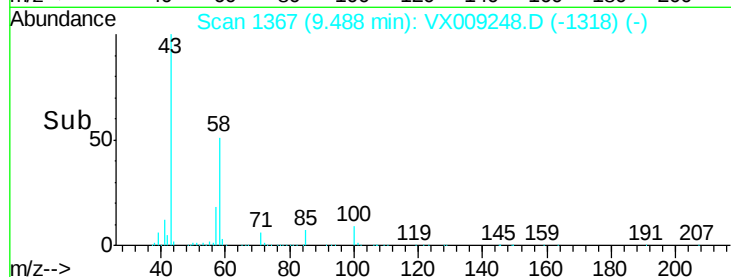
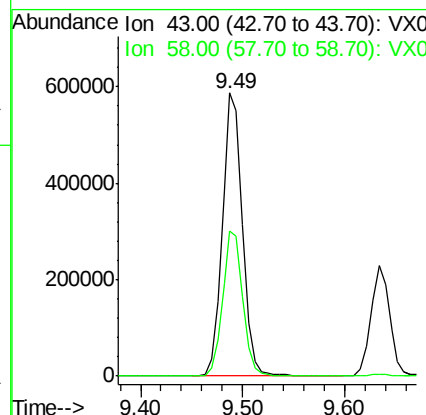
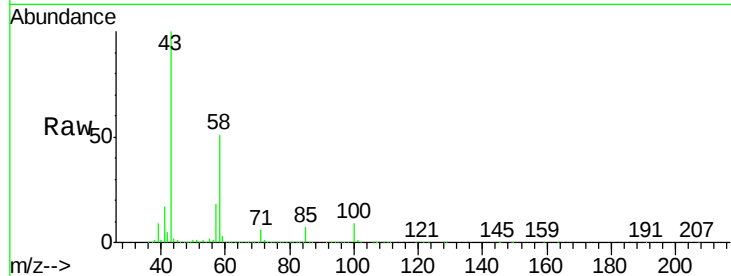
#59
2-Hexanone
Concen: 246.789 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 805607
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.7

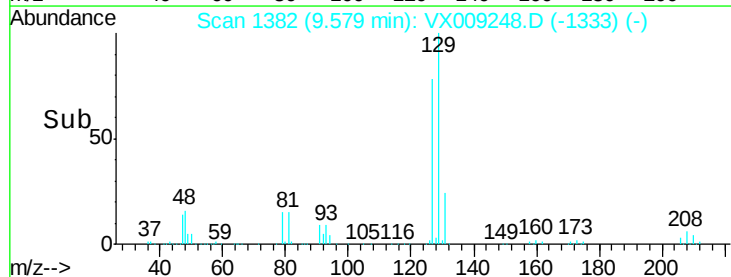
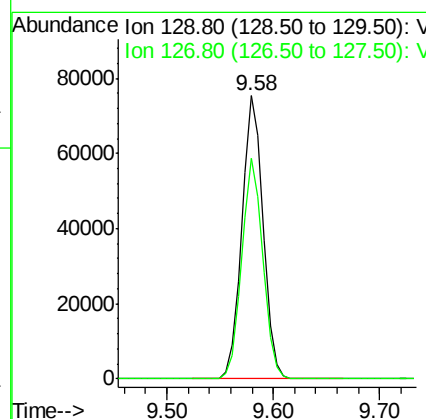
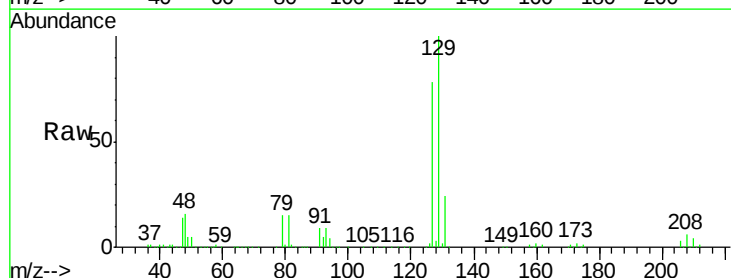
Manual Integrations
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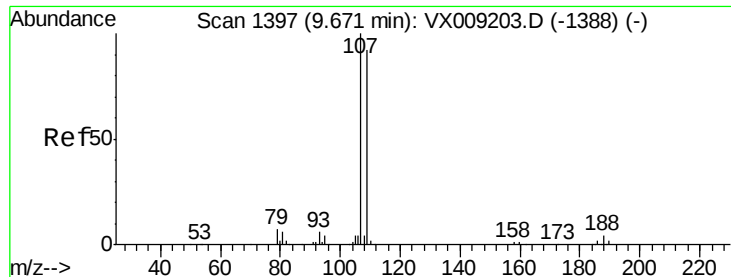
MMDadoda
5/1/2019 10:24:47 AM



#60
Dibromochloromethane
Concen: 49.507 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Tgt Ion: 129 Resp: 105887
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 49.246 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 108862

Ion Ratio Lower Upper

107 100

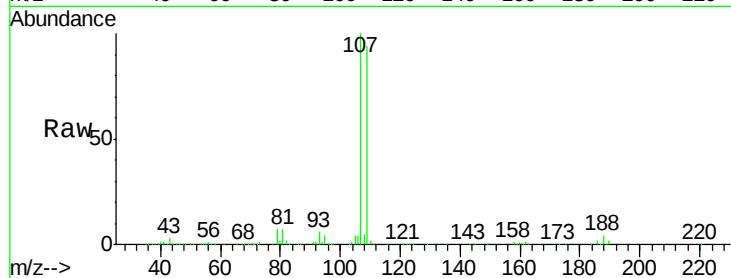
109 93.8 75.2 112.8

Manual Integrations

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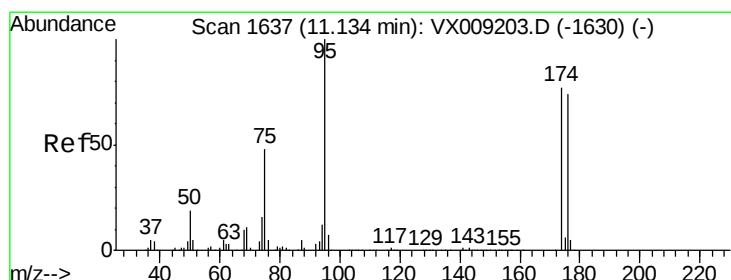
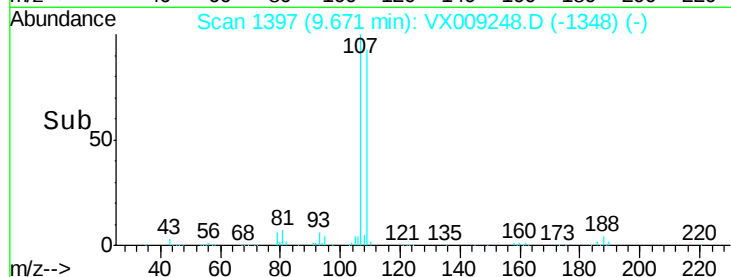
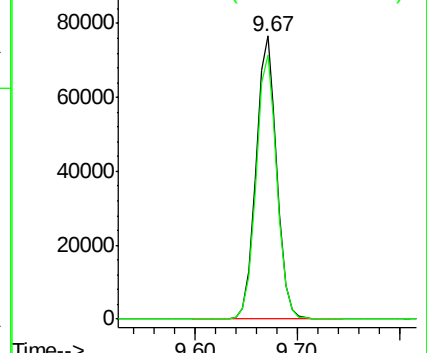
MMDadoda

5/1/2019 10:24:47 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.875 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

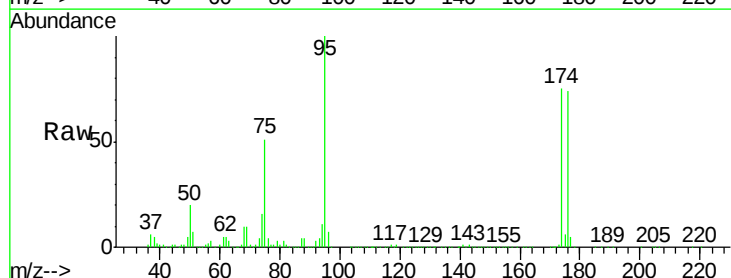
Tgt Ion: 95 Resp: 141220

Ion Ratio Lower Upper

95 100

174 80.7 0.0 161.6

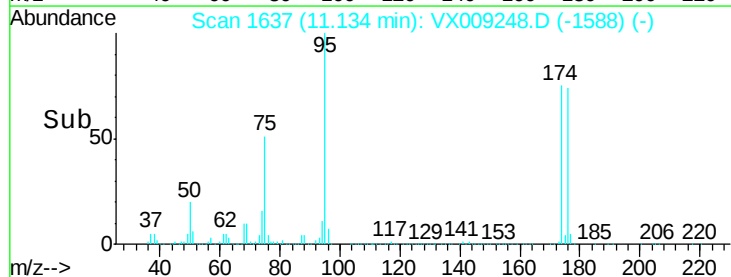
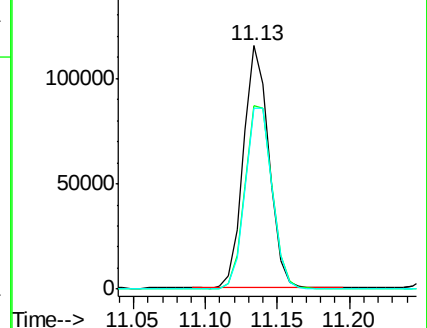
176 79.2 0.0 159.2

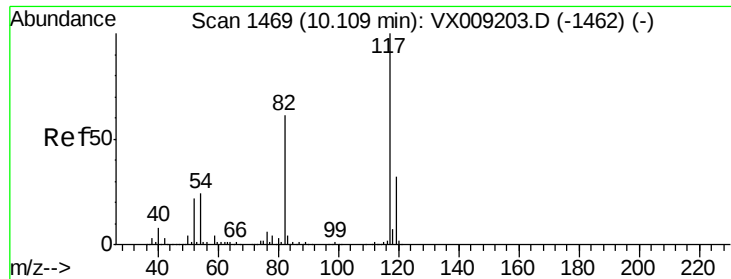


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





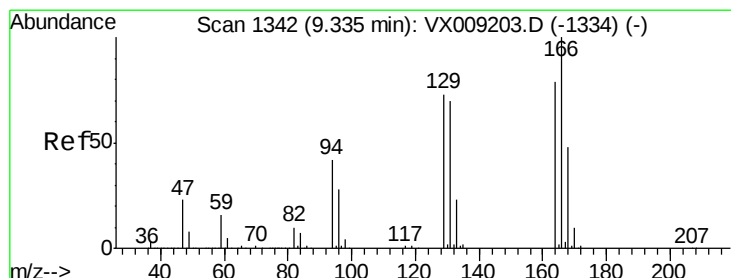
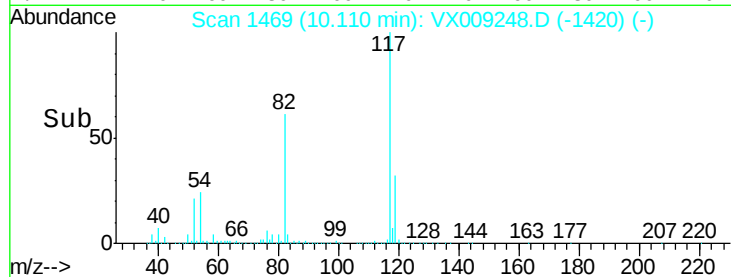
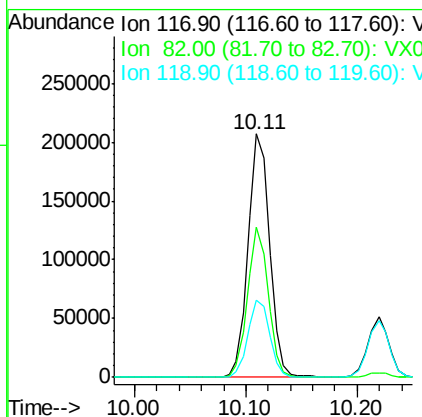
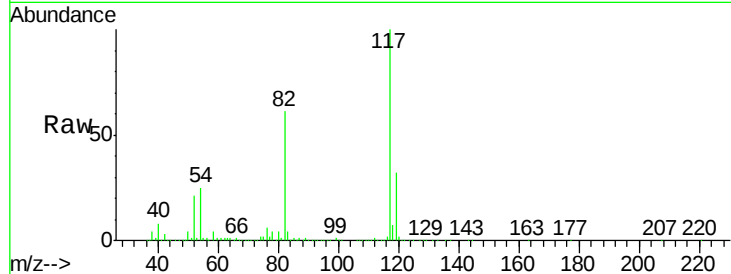
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	279436		
82	61.4	48.8	73.2	
119	31.9	25.8	38.6	

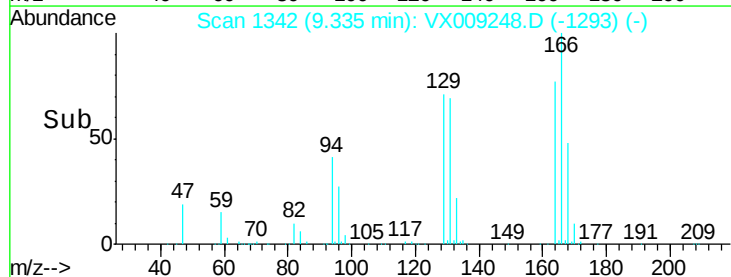
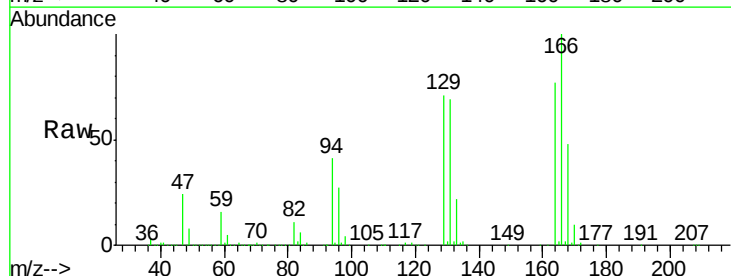
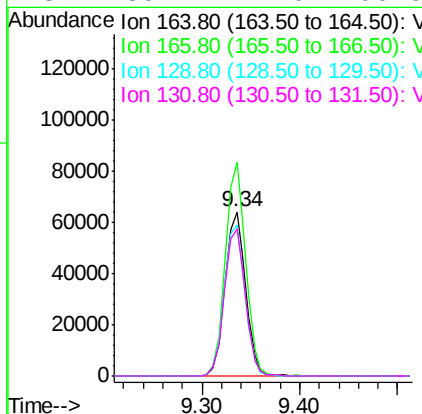
Manual Integrations
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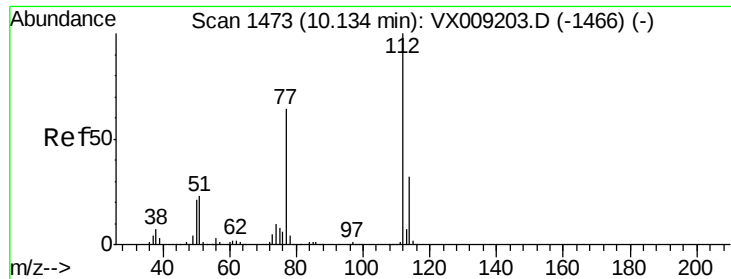
MMDadoda
5/1/2019 10:24:47 AM



#64
Tetrachloroethene
Concen: 48.740 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	93425		
166	130.3	101.2	151.8	
129	91.9	74.3	111.5	
131	89.4	71.0	106.6	





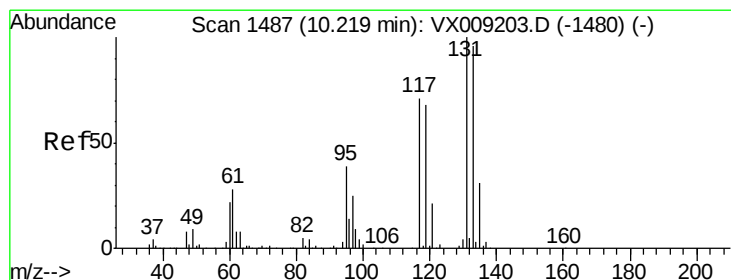
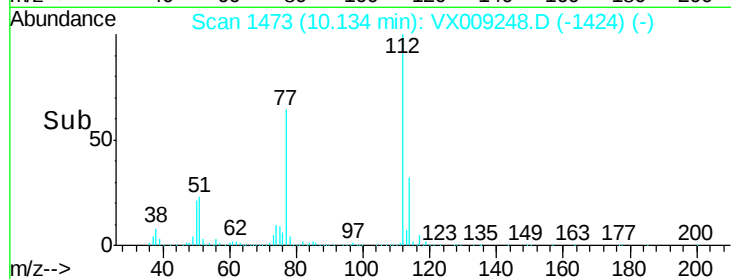
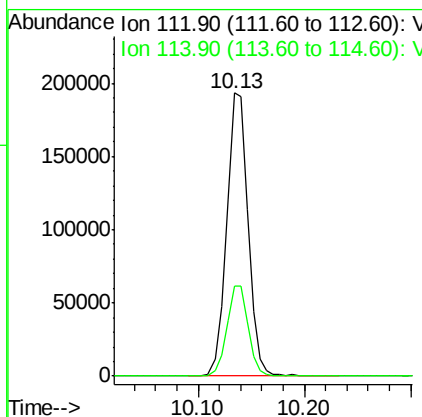
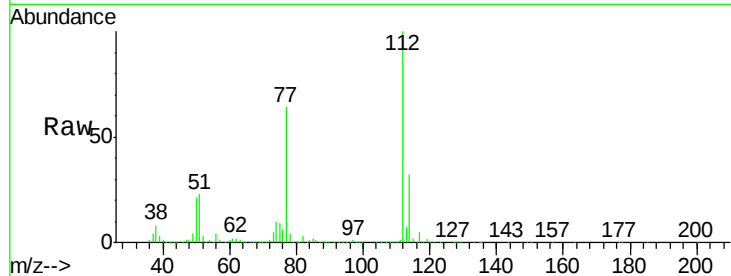
#65
Chlorobenzene
Concen: 48.815 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.5	38.3

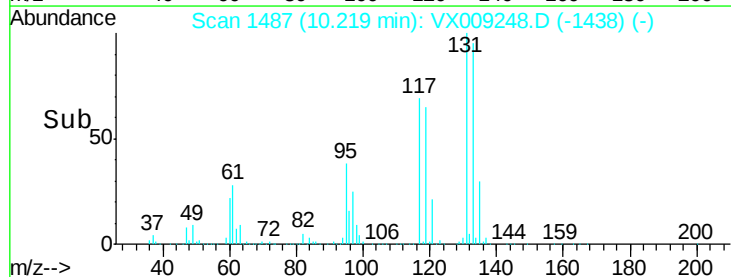
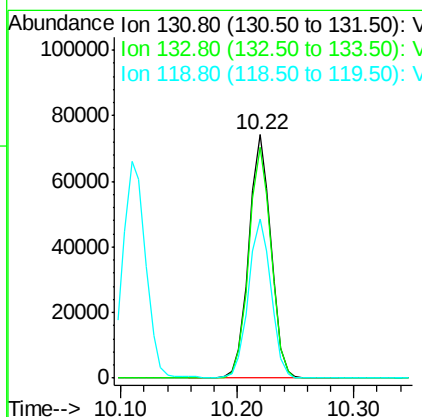
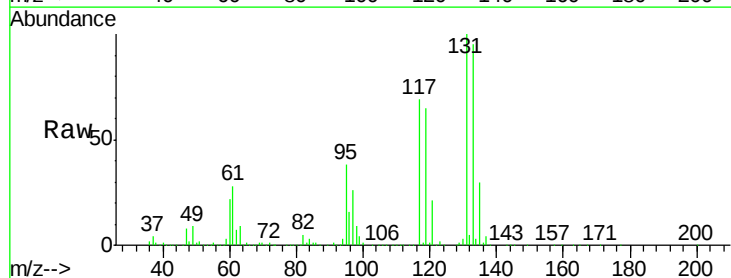
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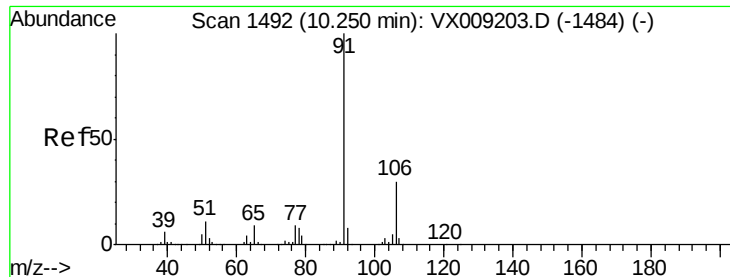
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.758 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.7	143.1
119	66.4	33.5	100.4





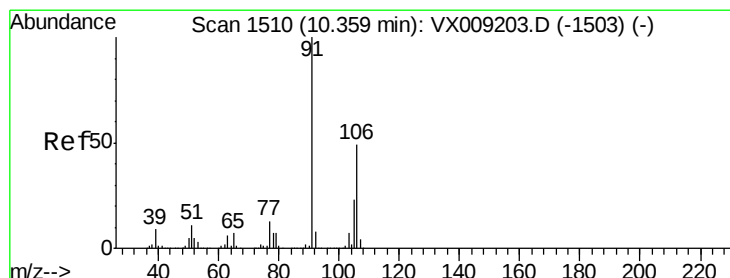
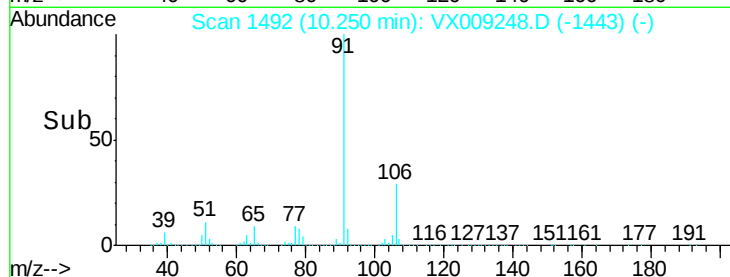
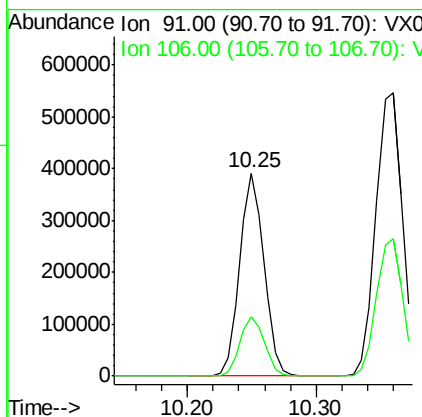
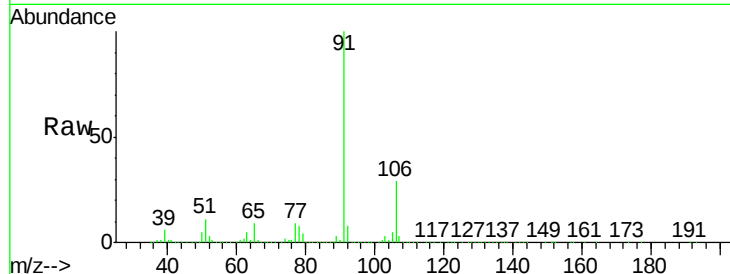
#67
Ethyl Benzene
Concen: 49.743 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 511738
Ion Ratio Lower Upper
91 100
106 29.1 24.0 36.0

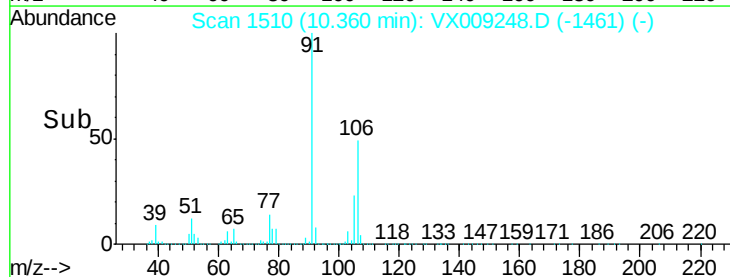
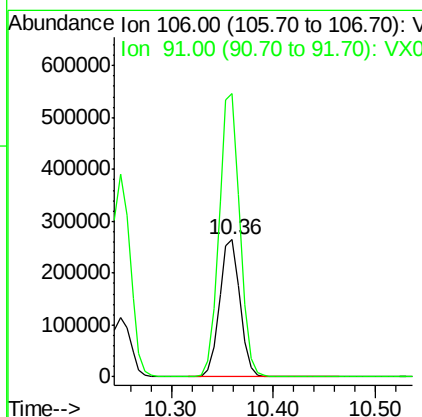
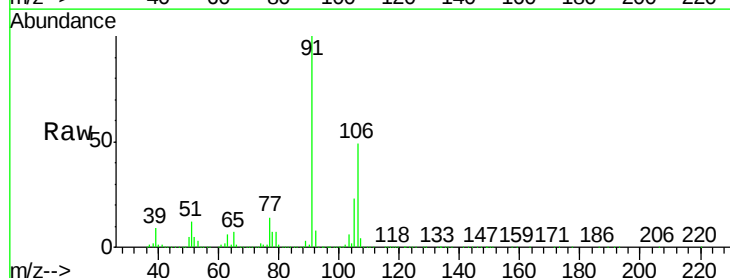
Manual Integrations
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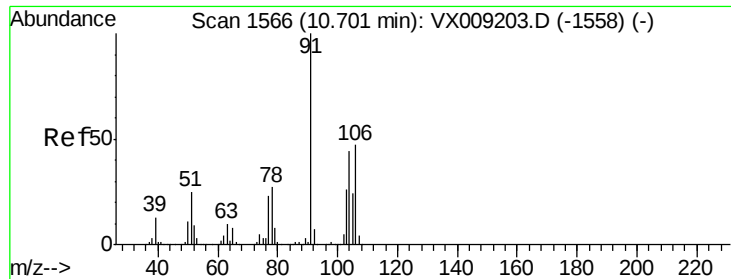
MMDadoda
5/1/2019 10:24:47 AM



#68
m/p-Xylenes
Concen: 99.290 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Tgt Ion: 106 Resp: 373274
Ion Ratio Lower Upper
106 100
91 208.3 164.0 246.0





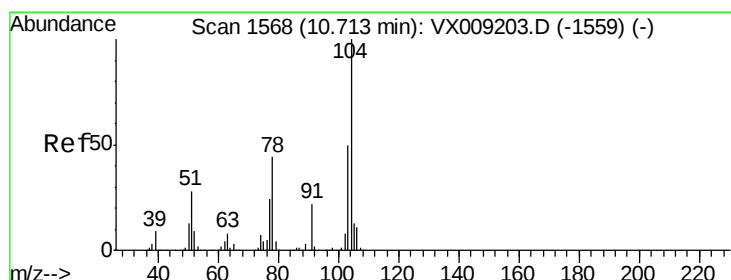
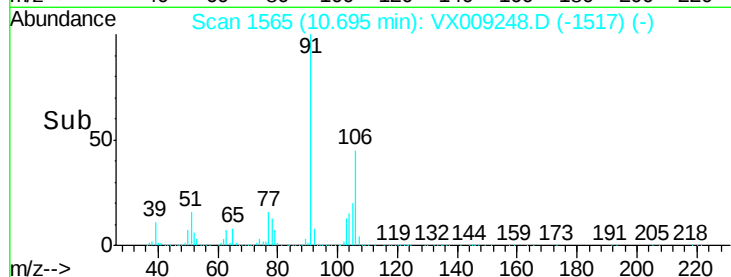
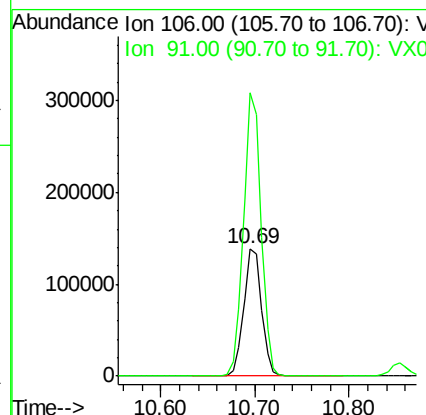
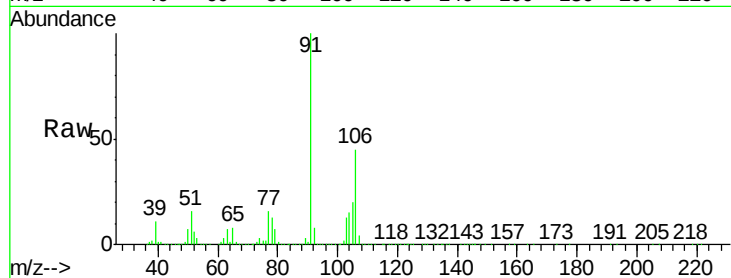
#69
o-Xylene
Concen: 49.245 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 182663
Ion Ratio Lower Upper
106 100
91 218.5 109.5 328.4

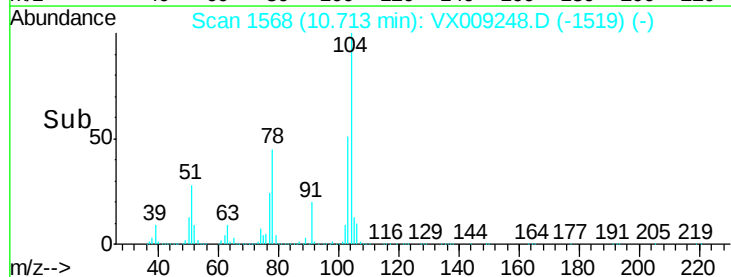
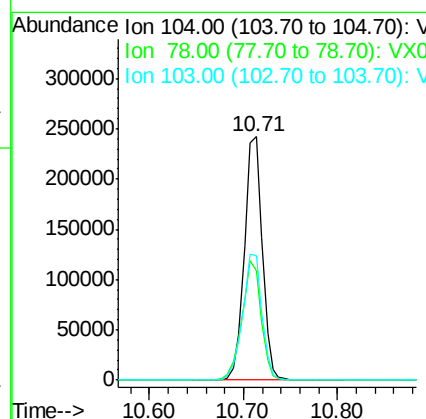
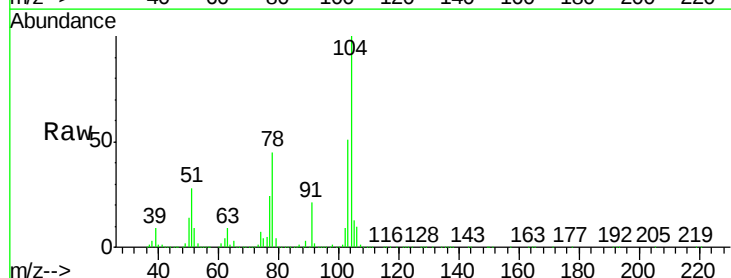
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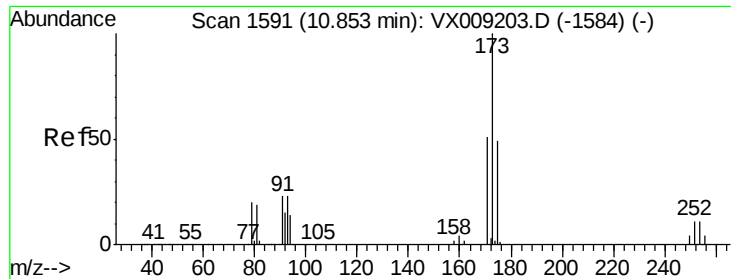
MMDadoda
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#70
Styrene
Concen: 49.884 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Tgt Ion:104 Resp: 321599
Ion Ratio Lower Upper
104 100
78 52.3 41.0 61.4
103 55.6 43.8 65.6





#71

Bromoform

Concen: 48.578 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 80004

Ion Ratio Lower Upper

173 100

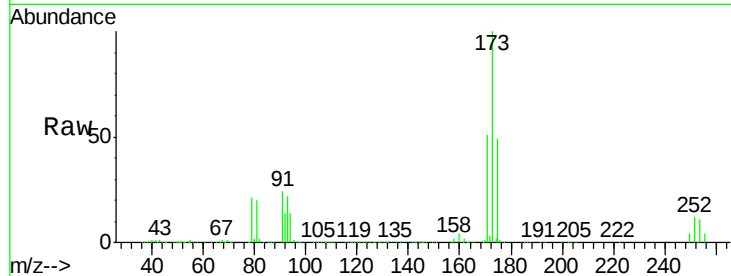
175 48.1 24.5 73.5

254 0.0 0.1 0.1#

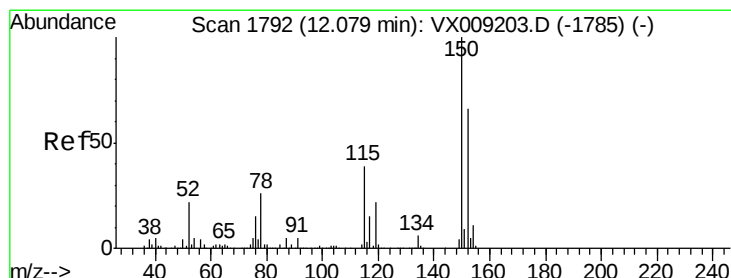
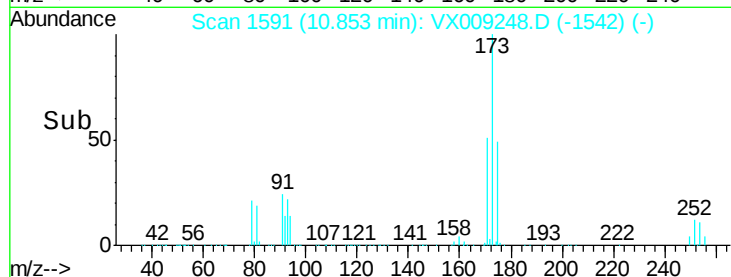
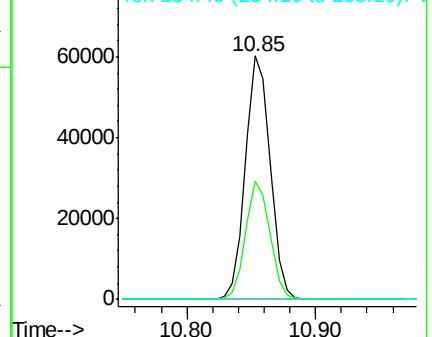
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

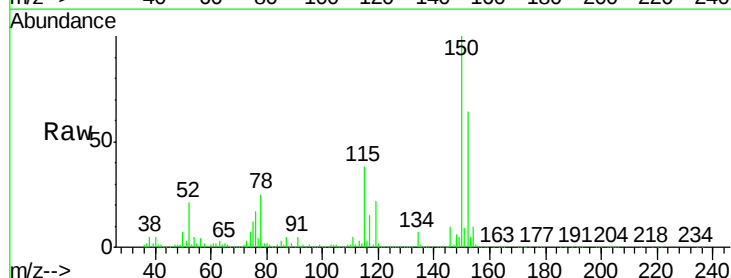
Tgt Ion:152 Resp: 143538

Ion Ratio Lower Upper

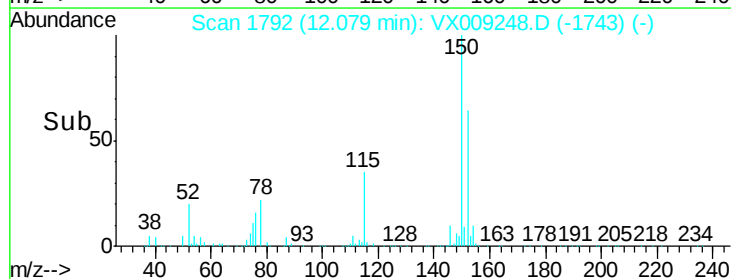
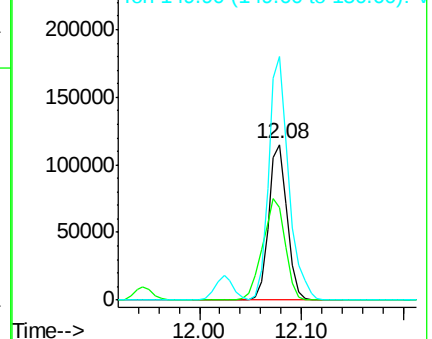
152 100

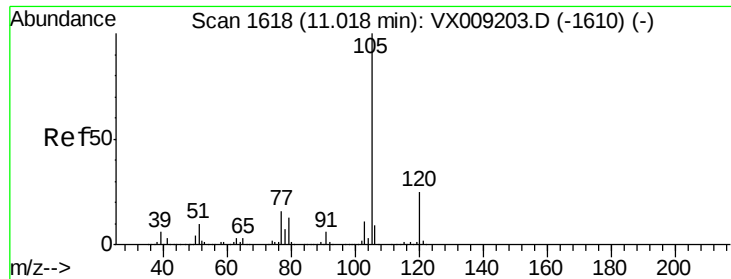
115 80.6 41.2 123.6

150 170.6 0.0 346.4



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: 47.417 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 494933

Ion Ratio Lower Upper

105 100

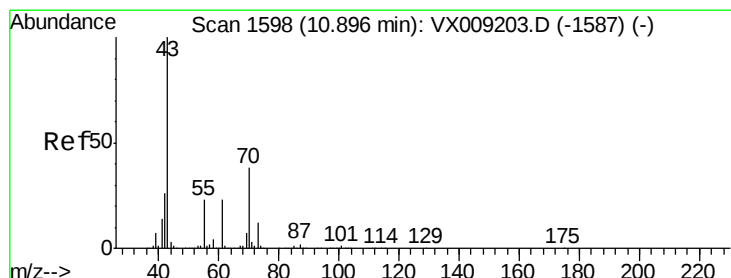
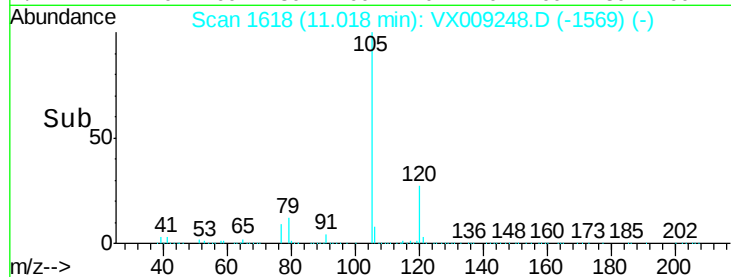
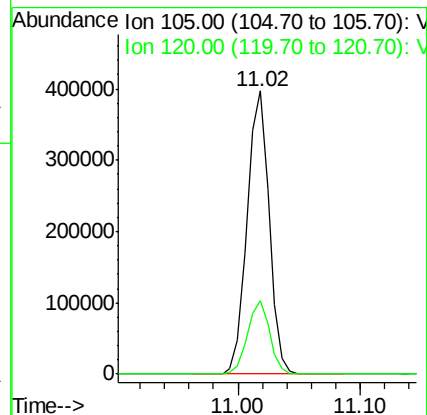
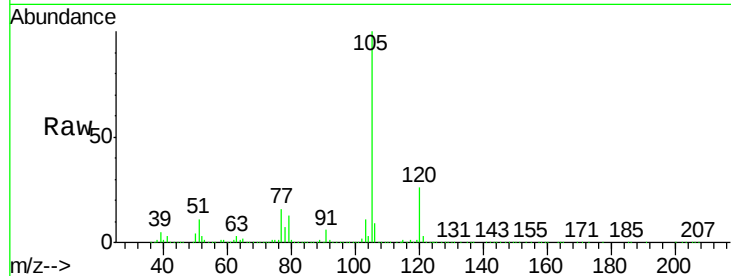
120 26.0 12.8 38.3

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#74

N-ethyl acetate

Concen: 48.606 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Tgt Ion: 43 Resp: 295785

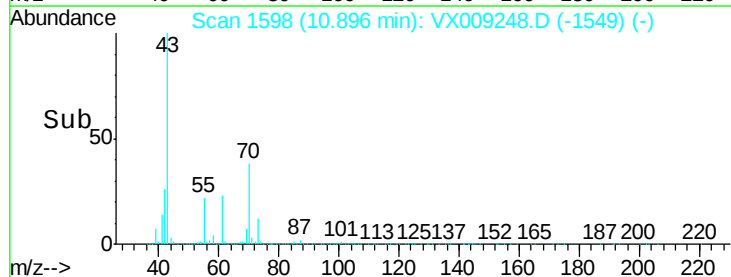
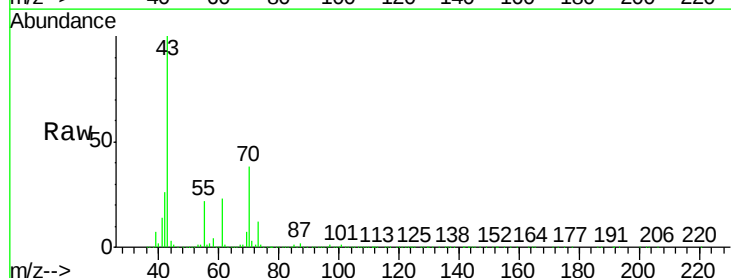
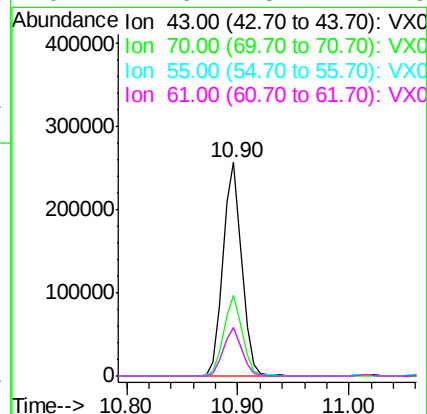
Ion Ratio Lower Upper

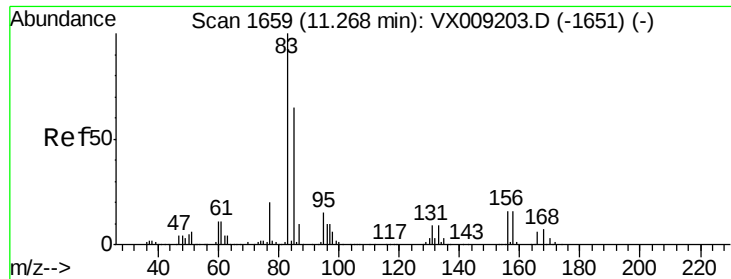
43 100

70 37.6 30.0 45.0

55 22.5 17.9 26.9

61 22.6 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.800 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 178212

Ion Ratio Lower Upper

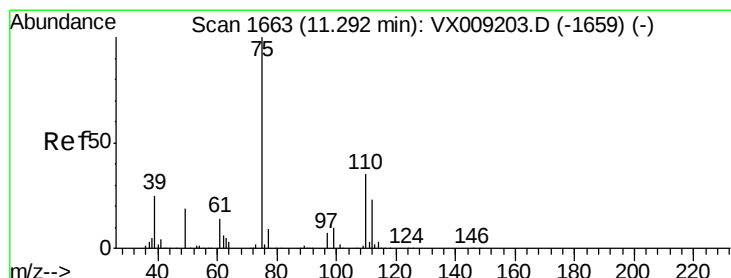
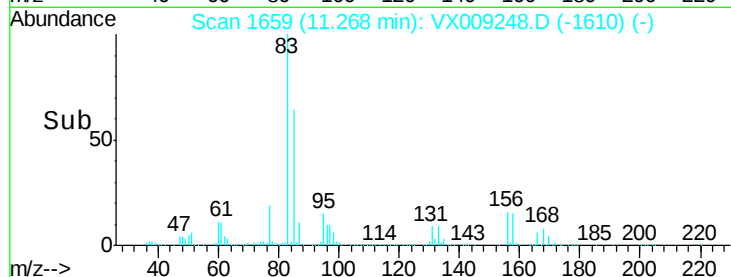
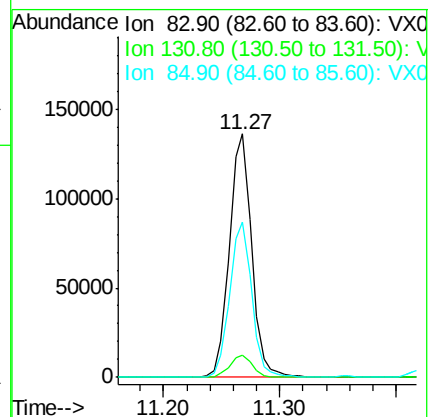
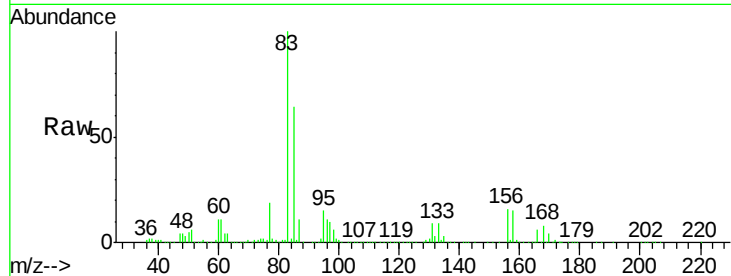
83 100

131 9.4 4.6 13.8

85 64.4 32.0 96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.719 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009248.D

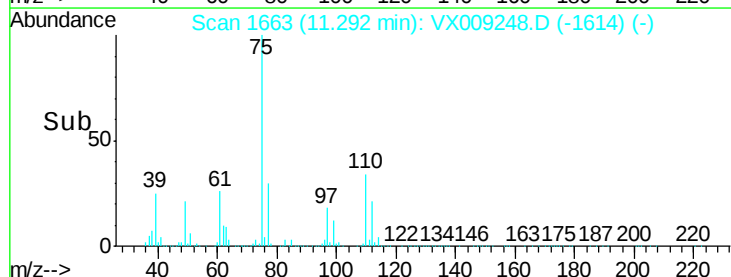
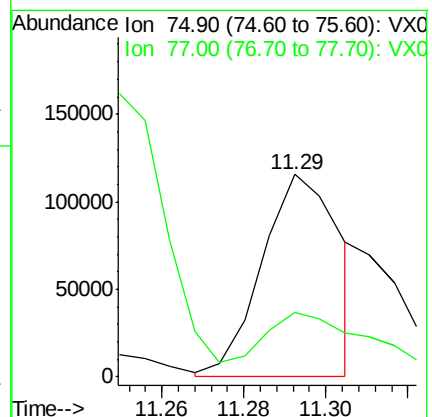
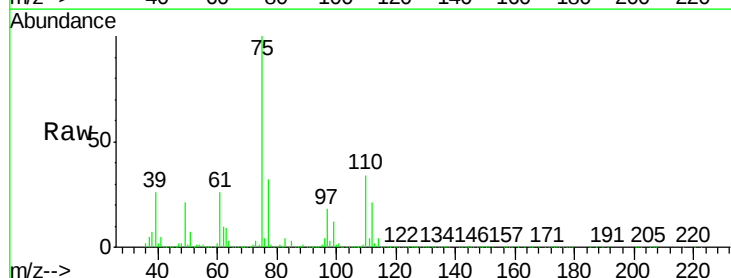
Acq: 30 Apr 2019 16:23

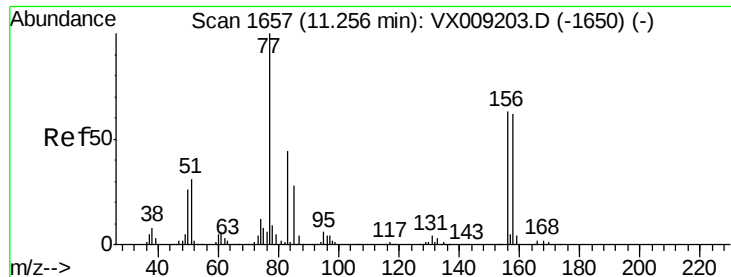
Tgt Ion: 75 Resp: 152223

Ion Ratio Lower Upper

75 100

77 44.4 22.1 66.1





#77

Bromobenzene

Concen: 46.379 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

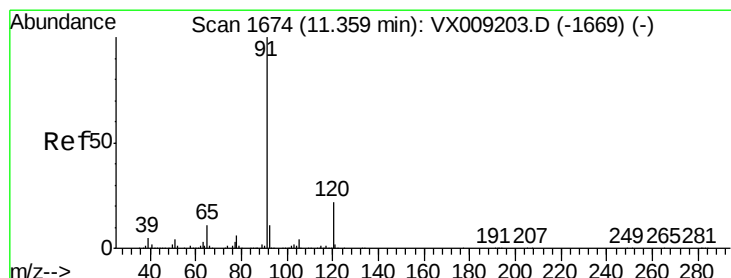
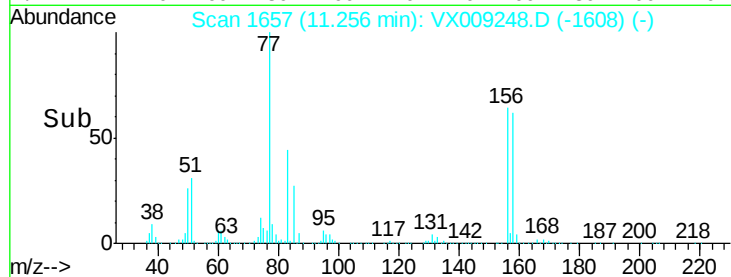
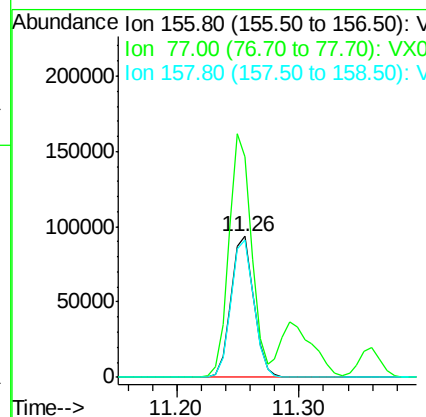
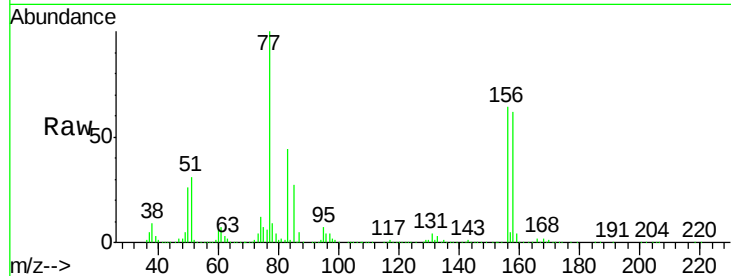
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	120157
Ion Ratio	Lower	Upper	
156	100		
77	170.8	84.8	254.3
158	97.5	49.1	147.3

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#78

n-propylbenzene

Concen: 49.156 ug/l

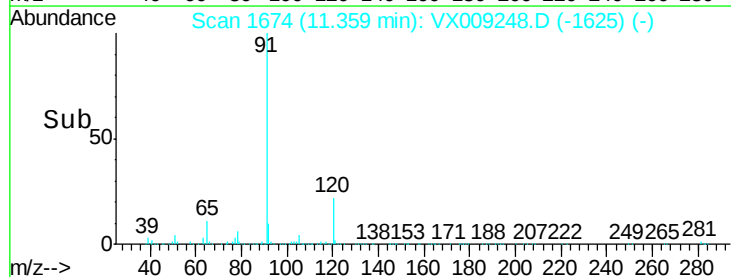
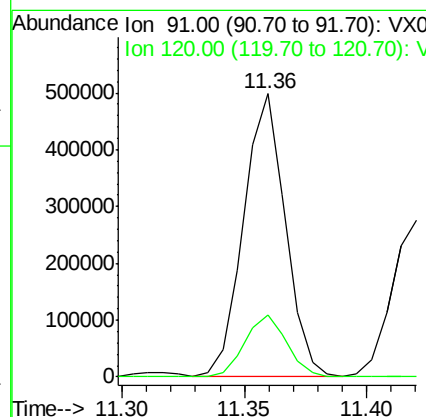
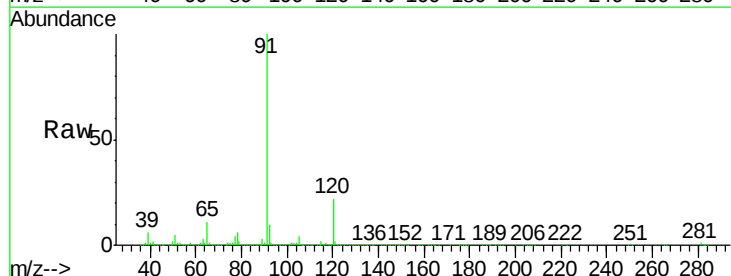
RT: 11.36 min Scan# 1674

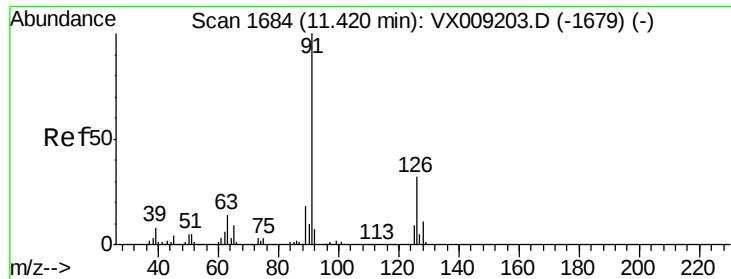
Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Tgt Ion:	91	Resp:	585974
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.0	33.0





#79

2-Chlorotoluene

Concen: 46.225 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 339955

Ion Ratio Lower Upper

91 100

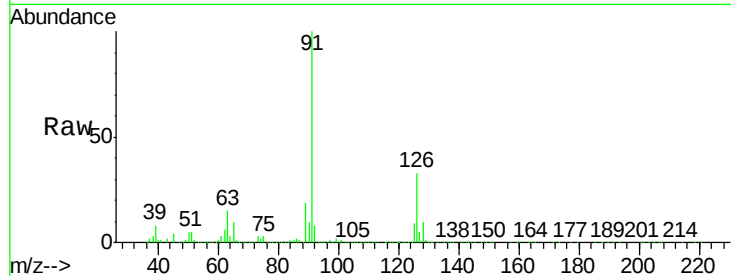
126 32.8 16.3 48.9

Manual Integrations

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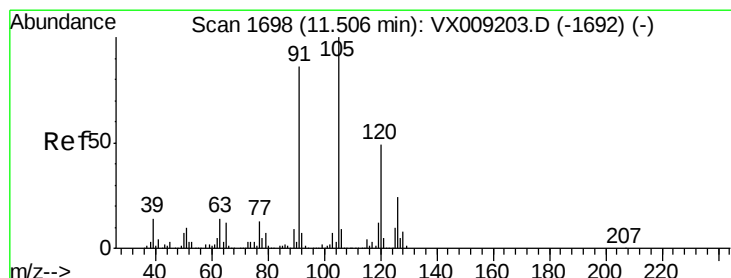
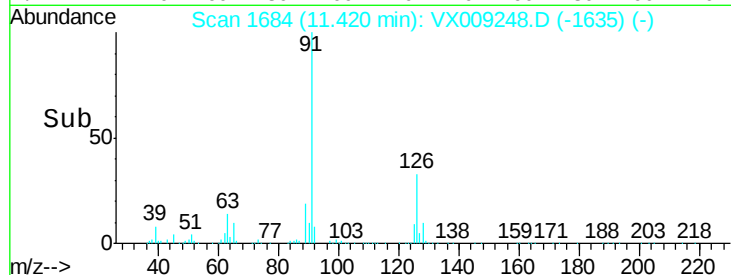
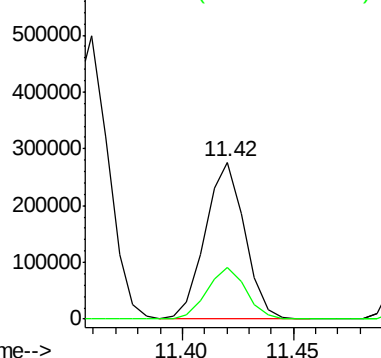
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.341 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009248.D

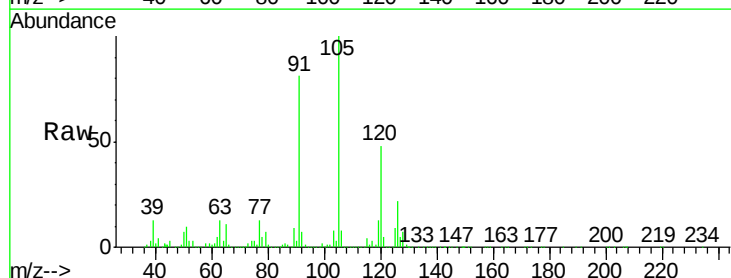
Acq: 30 Apr 2019 16:23

Tgt Ion:105 Resp: 424861

Ion Ratio Lower Upper

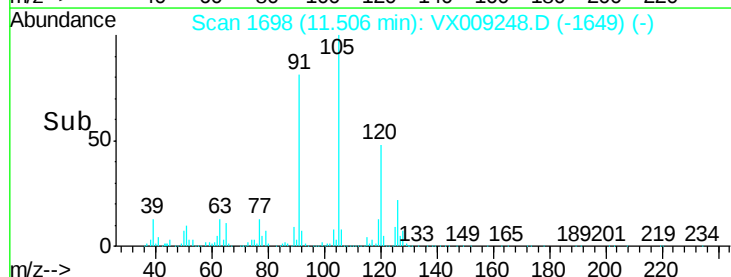
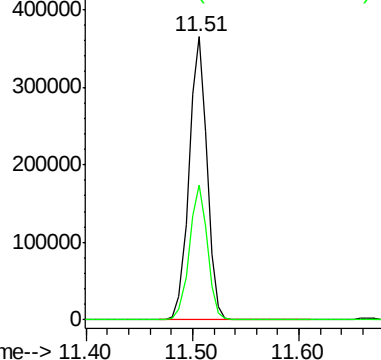
105 100

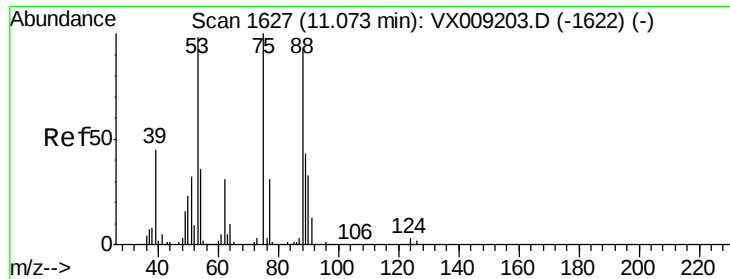
120 47.7 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





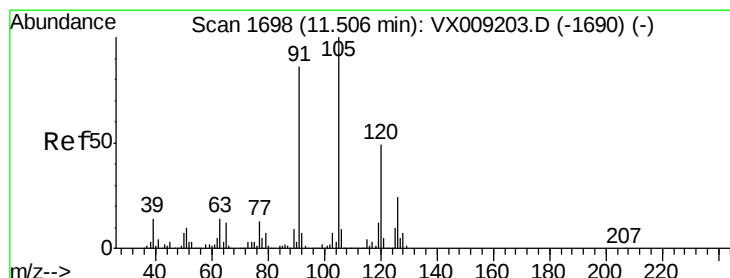
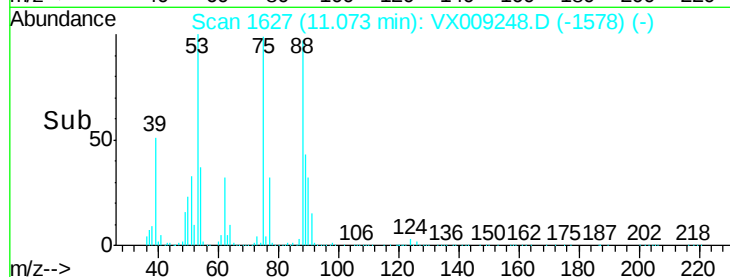
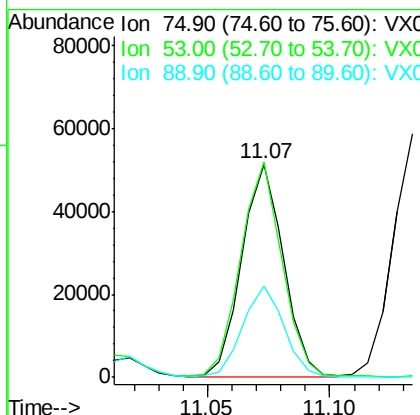
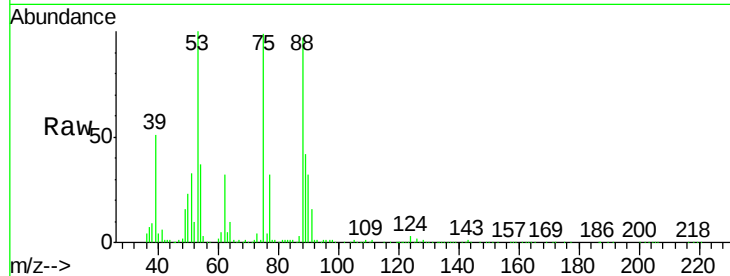
#81
trans-1,4-Dichloro-2-butene
Concen: 46.564 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.2	79.0	118.6
89	43.2	34.7	52.1

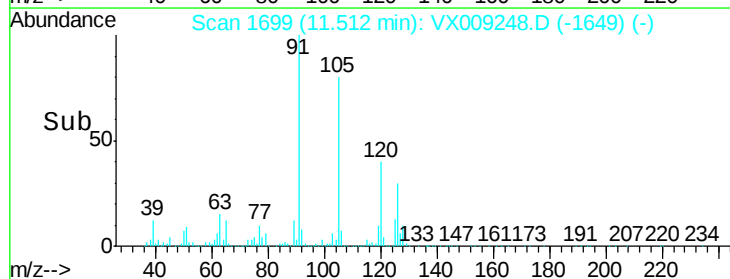
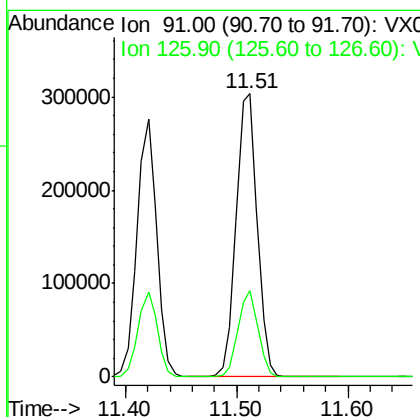
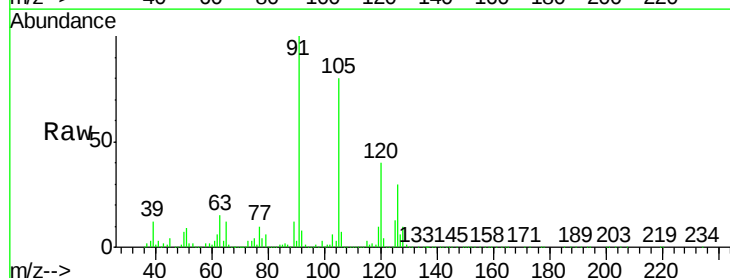
Manual Integrations
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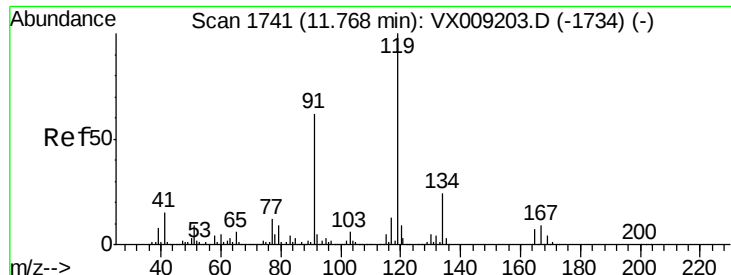
MMDadoda
5/1/2019 10:24:47 AM



#82
4-Chlorotoluene
Concen: 47.765 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.5	43.6





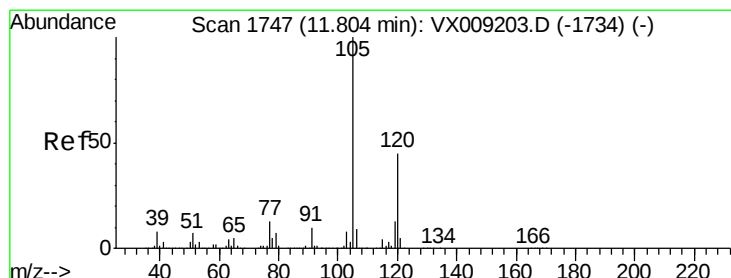
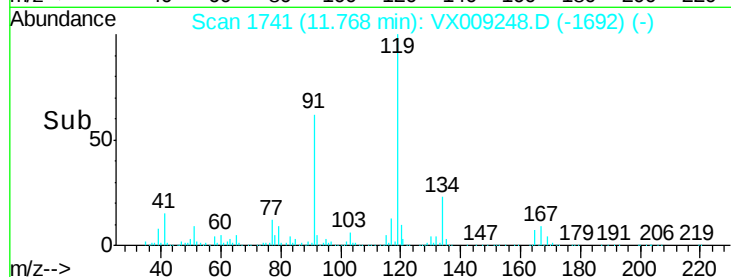
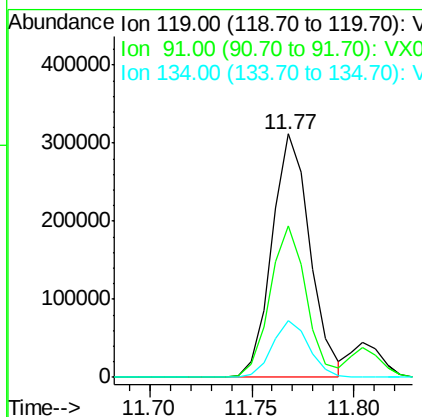
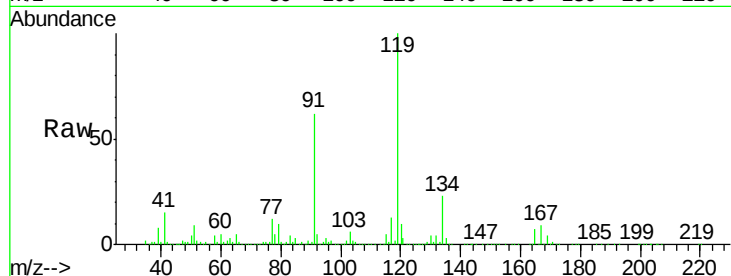
#83
tert-Butylbenzene
Concen: 47.467 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.3	29.5	88.5
134	22.6	11.4	34.1

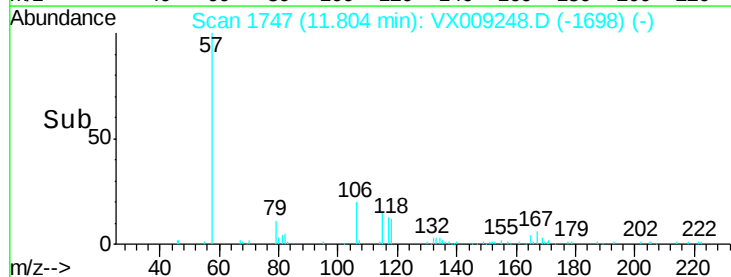
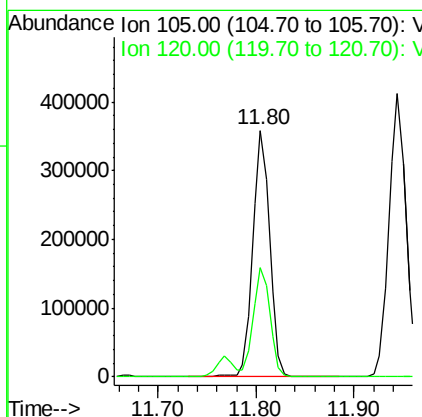
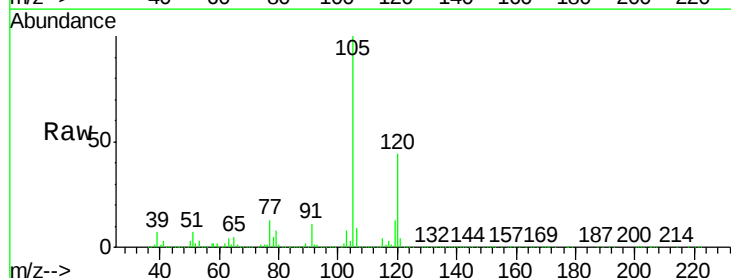
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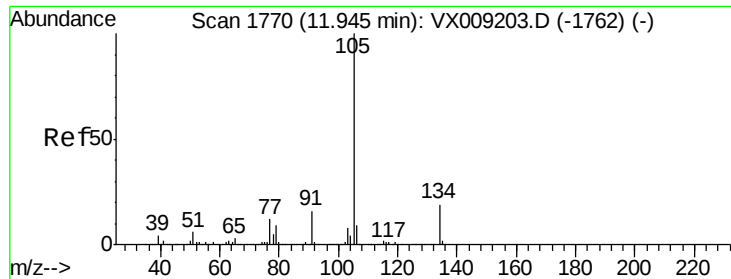
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 48.672 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.0	66.0





#85

sec-Butylbenzene

Concen: 48.999 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 496667

Ion Ratio Lower Upper

105 100

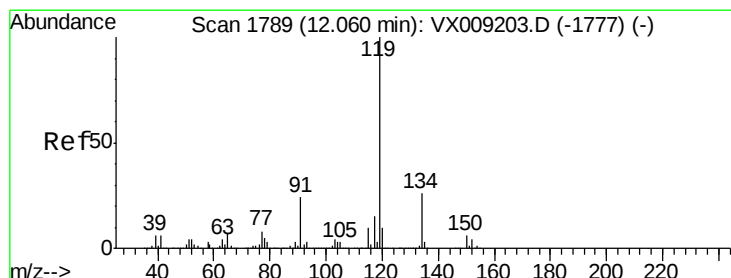
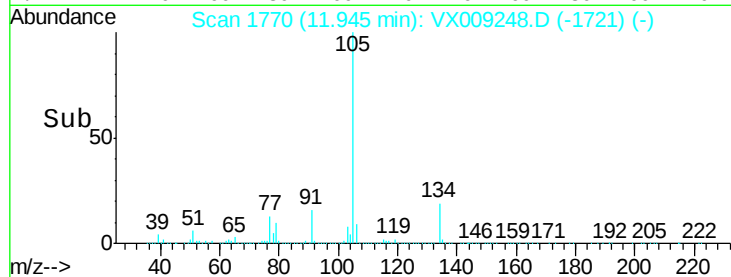
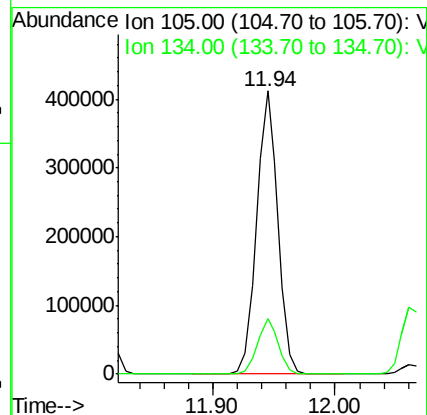
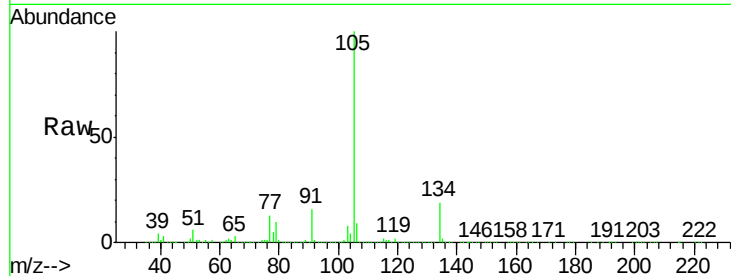
134 19.3 9.7 28.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.275 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

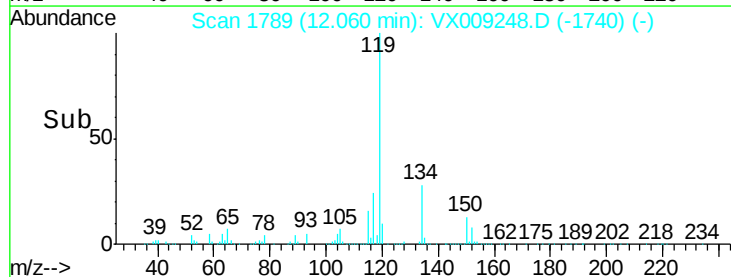
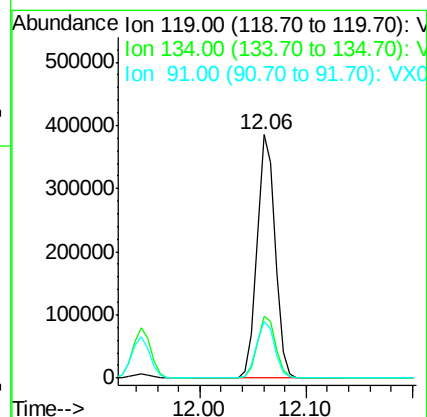
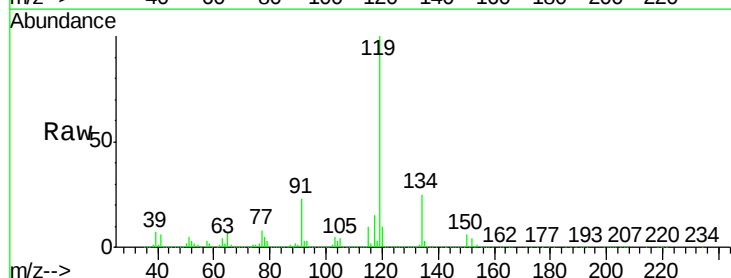
Tgt Ion:119 Resp: 458124

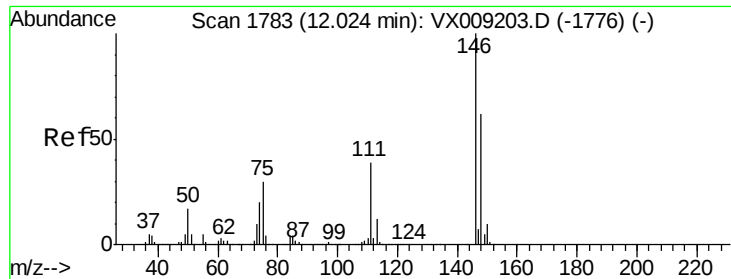
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

91 23.5 11.8 35.4





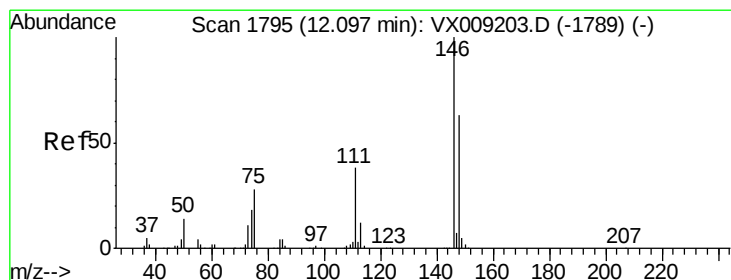
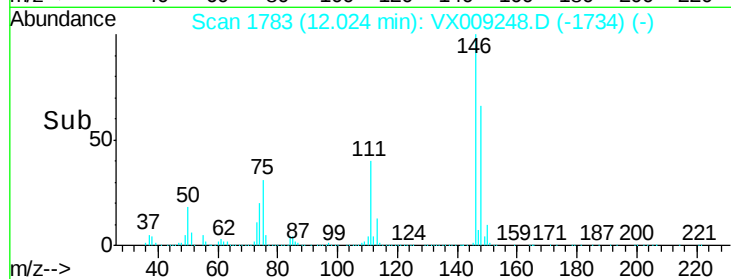
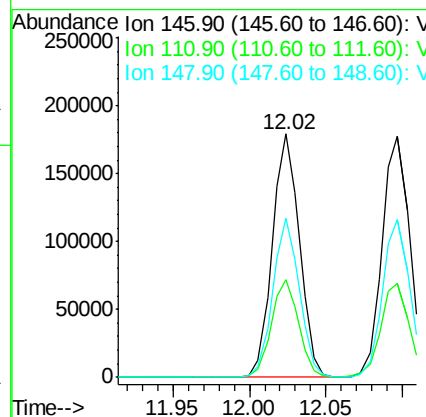
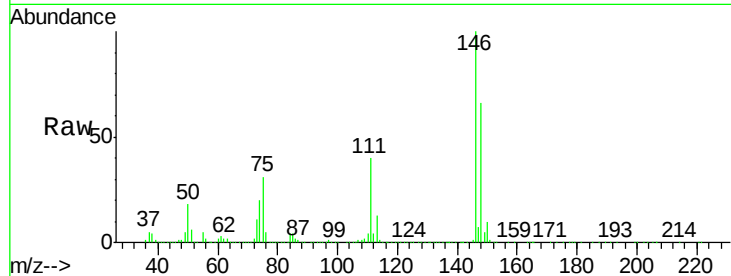
#87
 1,3-Dichlorobenzene
 Concen: 48.097 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009248.D
 Acq: 30 Apr 2019 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	63.8	31.8	95.3

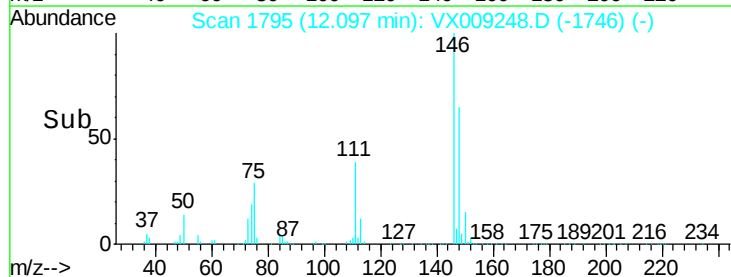
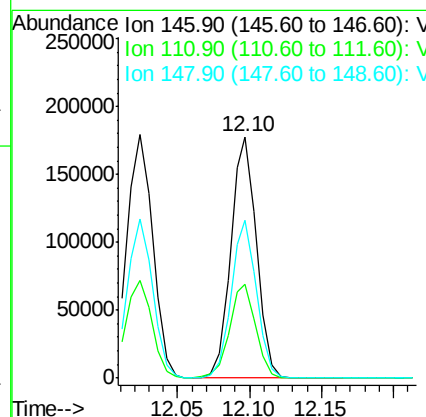
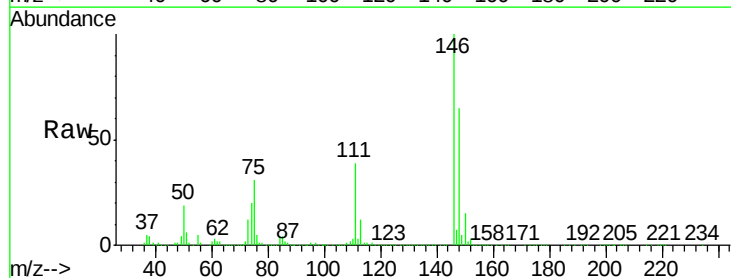
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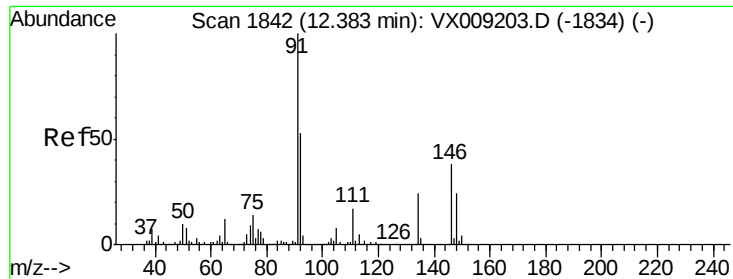
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#88
 1,4-Dichlorobenzene
 Concen: 47.698 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009248.D
 Acq: 30 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	64.3	31.8	95.3





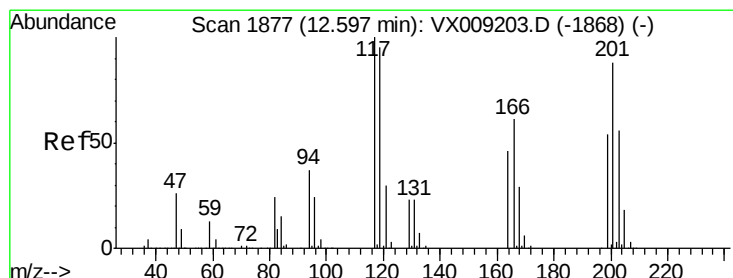
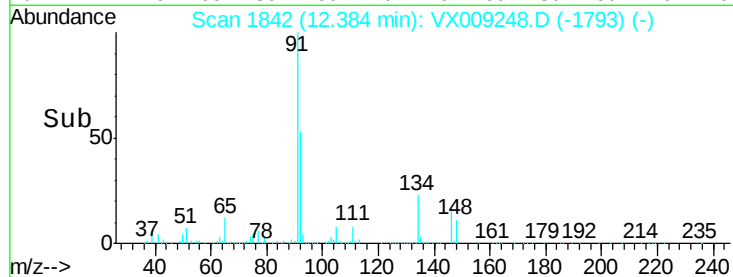
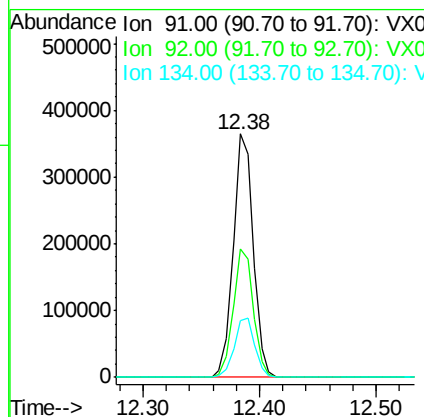
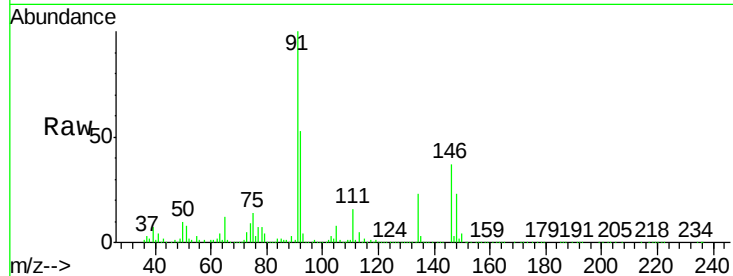
#89
n-Butylbenzene
Concen: 52.768 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		434605		
92	53.1	26.5	79.5		
134	24.8	12.4	37.2		

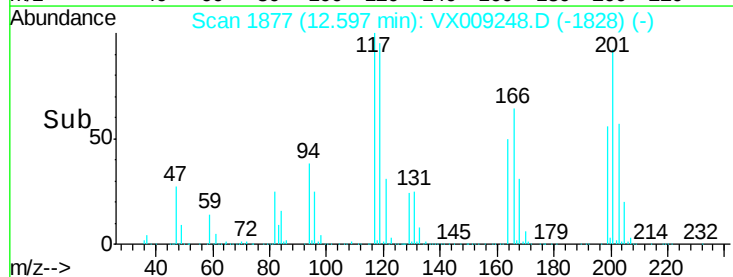
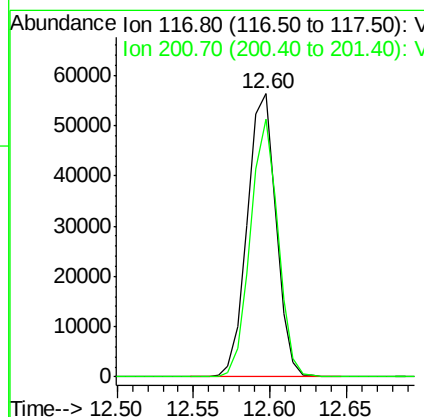
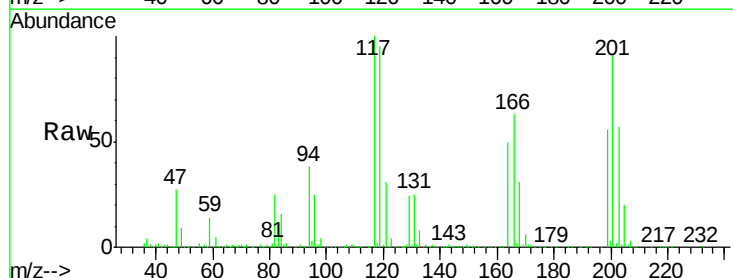
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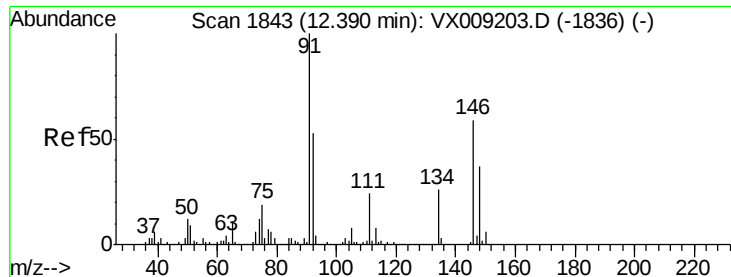
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#90
Hexachloroethane
Concen: 47.228 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		73319		
201	87.9	42.3	126.9		





#91

1,2-Dichlorobenzene

Concen: 47.582 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Instrument :

MSVOA_X

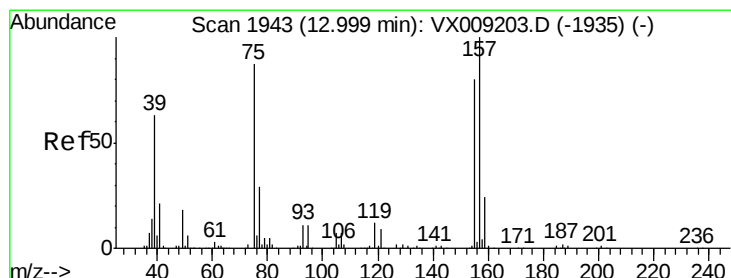
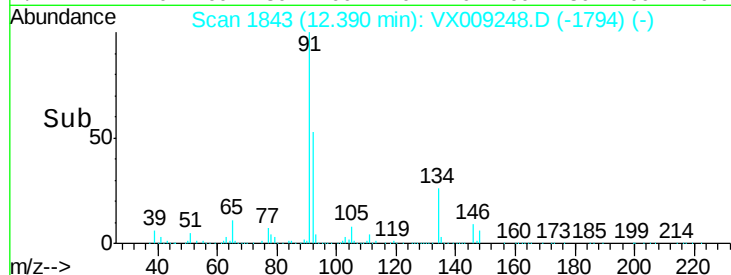
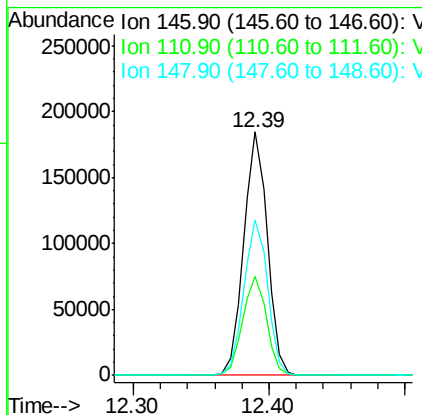
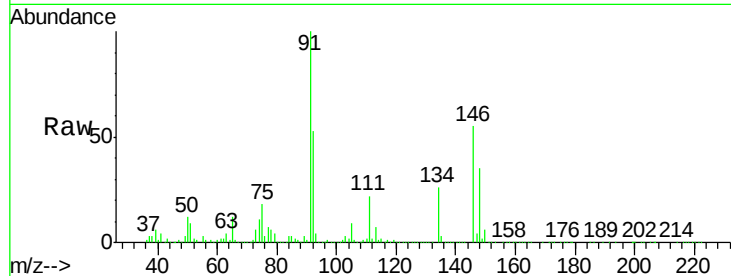
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	223830
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.8	62.4
148	64.2	31.9	95.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.230 ug/l

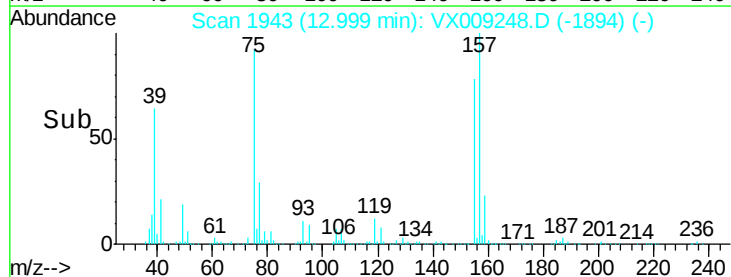
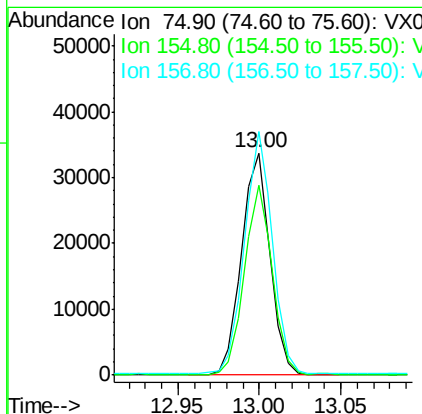
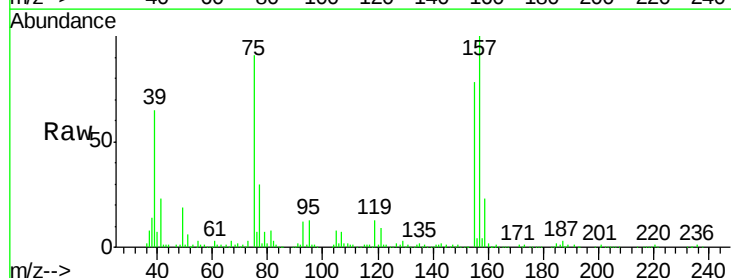
RT: 13.00 min Scan# 1943

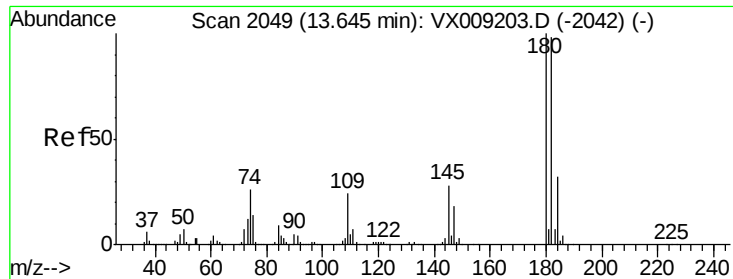
Delta R.T. 0.00 min

Lab File: VX009248.D

Acq: 30 Apr 2019 16:23

Tgt Ion:	75	Resp:	41226
Ion Ratio	Lower	Upper	
75	100		
155	84.2	42.0	126.0
157	106.9	53.2	159.6





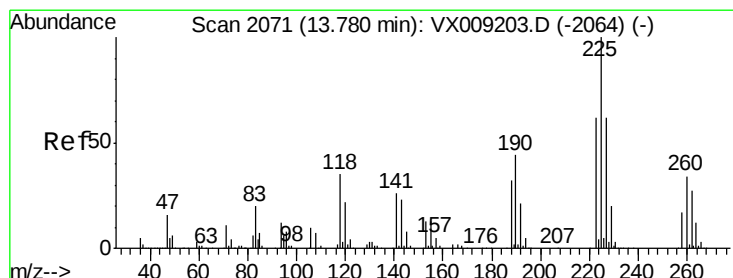
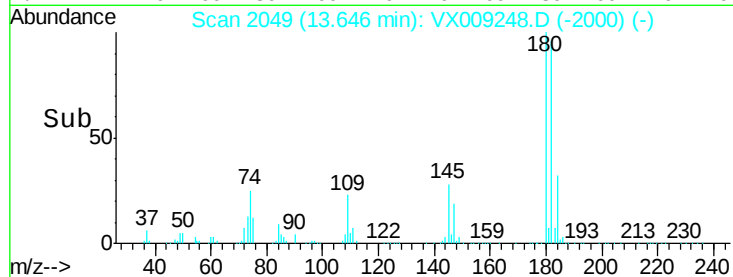
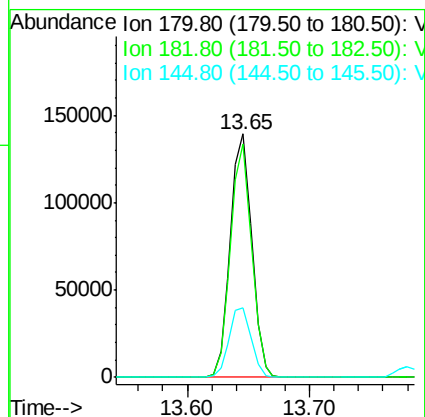
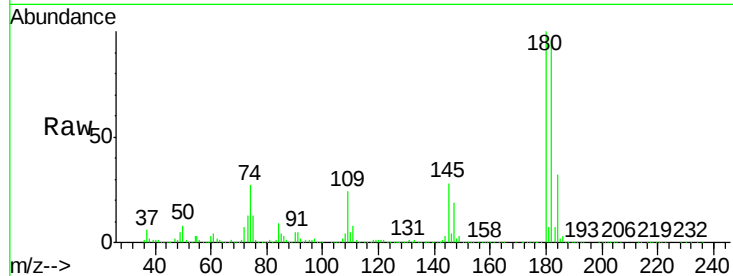
#93
 1,2,4-Trichlorobenzene
 Concen: 52.508 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009248.D
 Acq: 30 Apr 2019 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	168909		
182	94.6	48.4	145.2	
145	29.5	14.6	43.8	

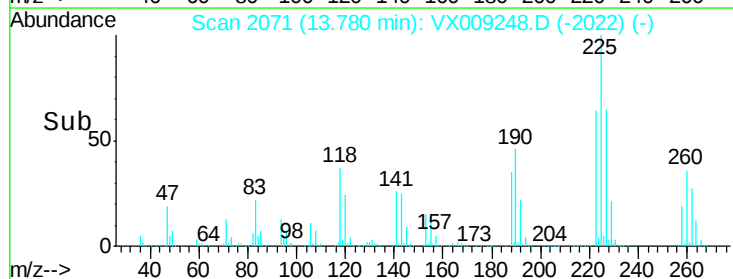
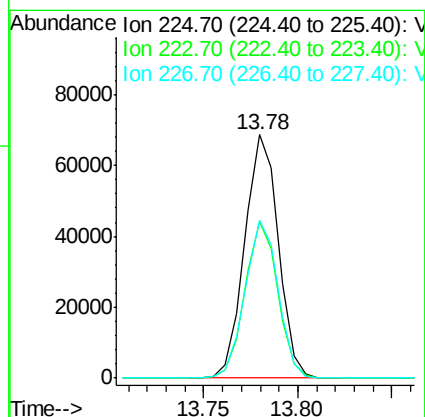
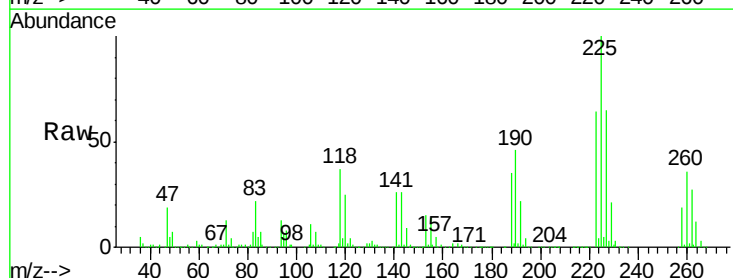
Manual Integrations
 APPROVED

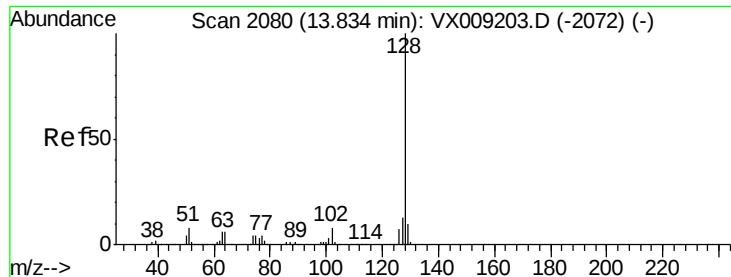
MMDadoda
 5/1/2019 10:24:47 AM



#94
 Hexachlorobutadiene
 Concen: 51.630 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009248.D
 Acq: 30 Apr 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84813		
223	62.8	31.3	93.8	
227	63.7	31.8	95.3	





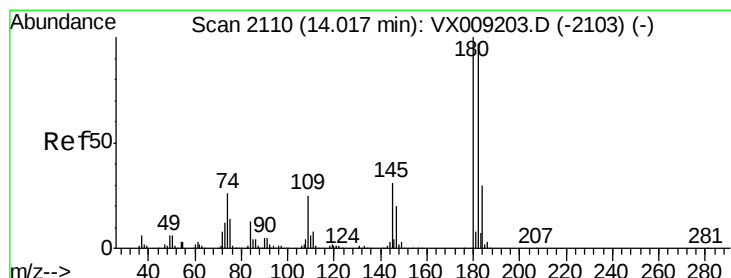
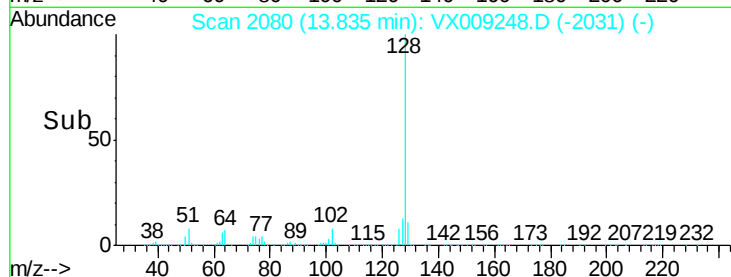
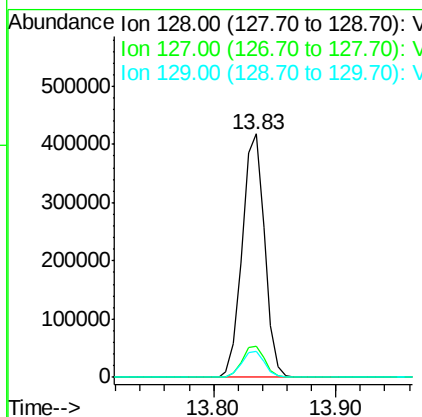
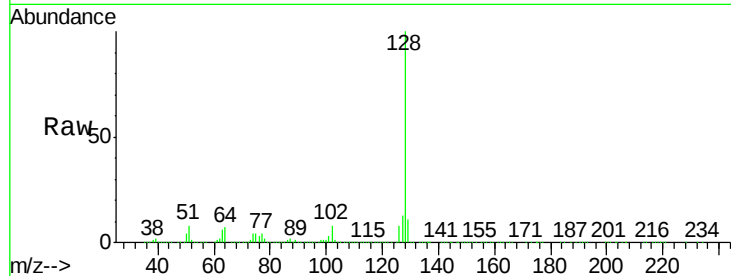
#95
Naphthalene
Concen: 50.440 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/1/2019 10:24:47 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.479 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009248.D
Acq: 30 Apr 2019 16:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.8	143.4
145	31.0	15.4	46.4

