

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091119\
 Data File : VX012337.D
 Acq On : 12 Sep 2019 08:22
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 9:26:55 AM

Quant Time: Sep 12 08:52:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	115319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	213700	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	199459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101350	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	86801	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
35) Dibromofluoromethane	5.48	113	67253	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
50) Toluene-d8	8.71	98	252220	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
62) 4-Bromofluorobenzene	11.13	95	107383	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	42232	44.793	ug/l	98
3) Chloromethane	1.31	50	45505	53.544	ug/l	100
4) Vinyl Chloride	1.40	62	41804	49.609	ug/l	98
5) Bromomethane	1.62	94	21836	65.359	ug/l	96
6) Chloroethane	1.71	64	29882	53.032	ug/l	97
7) Trichlorofluoromethane	1.92	101	72762	47.711	ug/l	100
8) Diethyl Ether	2.17	74	28783	55.310	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50872	49.494	ug/l	100
10) Methyl Iodide	2.50	142	34269	35.030	ug/l	98
11) Tert butyl alcohol	3.03	59	47808	277.157	ug/l	98
12) 1,1-Dichloroethene	2.36	96	44660	51.180	ug/l	94
13) Acrolein	2.28	56	8815	103.429	ug/l	100
14) Allyl chloride	2.72	41	88575	49.787	ug/l	99
15) Acrylonitrile	3.13	53	94700	294.387	ug/l	98
16) Acetone	2.43	43	83629	216.678	ug/l	99
17) Carbon Disulfide	2.56	76	87022	47.490	ug/l	99
18) Methyl Acetate	2.76	43	61912	76.318	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	191086	55.451	ug/l	99
20) Methylene Chloride	2.84	84	66885	55.854	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	54372	52.226	ug/l	97
22) Diisopropyl ether	3.84	45	222524	54.692	ug/l	98
23) Vinyl Acetate	3.80	43	592850	237.491	ug/l	99
24) 1,1-Dichloroethane	3.69	63	117740	54.025	ug/l	99
25) 2-Butanone	4.66	43	127854	259.131	ug/l	98
26) 2,2-Dichloropropane	4.57	77	74545	36.433	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	72756	54.130	ug/l	94
28) Bromochloromethane	5.00	49	54467	53.288	ug/l	100
29) Tetrahydrofuran	5.11	42	80502	302.403	ug/l	100
30) Chloroform	5.20	83	132473	53.904	ug/l	98
31) Cyclohexane	5.56	56	71270	47.078	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	107483	50.935	ug/l	99
36) 1,1-Dichloropropene	5.78	75	76140	48.863	ug/l	99
37) Ethyl Acetate	4.82	43	53618	55.664	ug/l	100
38) Carbon Tetrachloride	5.77	117	86965	47.568	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	77880	45.543	ug/l	96
40) Benzene	6.13	78	242514	51.423	ug/l	97
41) Methacrylonitrile	5.03	41	33878	57.051	ug/l	97
42) 1,2-Dichloroethane	6.18	62	98857	53.036	ug/l	100
43) Isopropyl Acetate	6.43	43	105849	52.122	ug/l	99
44) Trichloroethene	7.20	130	66413	52.035	ug/l	96
45) 1,2-Dichloropropane	7.51	63	68957	52.824	ug/l	100
46) Dibromomethane	7.65	93	39364	55.174	ug/l	97
47) Bromodichloromethane	7.89	83	101399	52.080	ug/l	99
48) Methyl methacrylate	7.76	41	53043	54.568	ug/l	99
49) 1,4-Dioxane	7.73	88	15972	1217.673	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	298440	278.445	ug/l	100
52) Toluene	8.78	92	162320	52.108	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	91148	46.904	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	101210	46.968	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	61019	55.205	ug/l	98
56) Ethyl methacrylate	9.17	69	81363	54.366	ug/l	99
57) 1,3-Dichloropropane	9.37	76	103199	54.666	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	198014	258.153	ug/l	99
59) 2-Hexanone	9.48	43	207618	278.593	ug/l	100
60) Dibromochloromethane	9.57	129	69454	53.825	ug/l	97
61) 1,2-Dibromoethane	9.67	107	55615	54.053	ug/l	99
64) Tetrachloroethene	9.33	164	69318	65.712	ug/l	99
65) Chlorobenzene	10.14	112	186771	51.248	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	73237	53.308	ug/l	99
67) Ethyl Benzene	10.25	91	327251	50.486	ug/l	97
68) m/p-Xylenes	10.36	106	246362	103.249	ug/l	100
69) o-Xylene	10.70	106	120927	51.735	ug/l	100
70) Styrene	10.71	104	218793	52.779	ug/l	99
71) Bromoform	10.85	173	38149	53.549	ug/l #	99
73) Isopropylbenzene	11.01	105	323715	48.517	ug/l	100
74) N-amyl acetate	10.89	43	85789	43.244	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	75467	52.665	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	66177m	50.828	ug/l	
77) Bromobenzene	11.25	156	81078	52.780	ug/l	97
78) n-propylbenzene	11.35	91	394332	48.941	ug/l	100
79) 2-Chlorotoluene	11.42	91	248159	49.712	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	301222	50.202	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	17005	39.133	ug/l	93
82) 4-Chlorotoluene	11.51	91	298768	49.801	ug/l	99
83) tert-Butylbenzene	11.76	119	278595	47.817	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	312570	50.392	ug/l	99
85) sec-Butylbenzene	11.94	105	337201	48.506	ug/l	99
86) p-Isopropyltoluene	12.06	119	303135	47.193	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	160045	51.145	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	163505	51.673	ug/l	98
89) n-Butylbenzene	12.39	91	304368	48.345	ug/l	99
90) Hexachloroethane	12.59	117	58224	49.212	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	151524	52.345	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15129	51.725	ug/l	95

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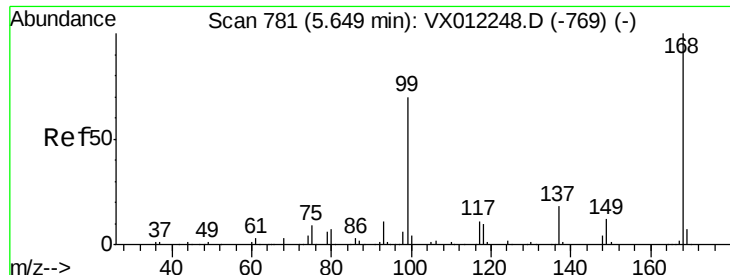
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	106663	53.357	ug/l	99
94) Hexachlorobutadiene	13.78	225	52037	52.325	ug/l	98
95) Naphthalene	13.83	128	245023	57.115	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	97654	55.211	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 115319

Ion Ratio Lower Upper

168 100

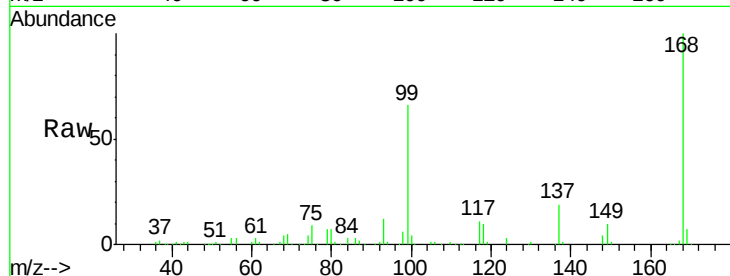
99 66.0 55.8 83.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

30000

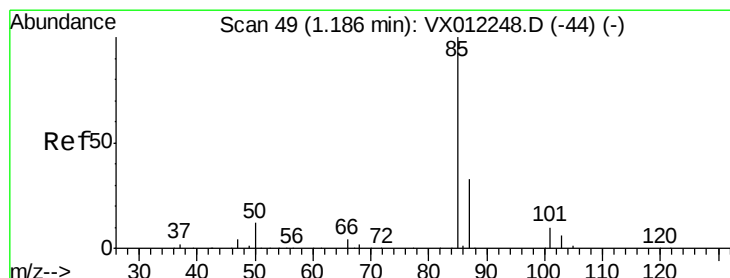
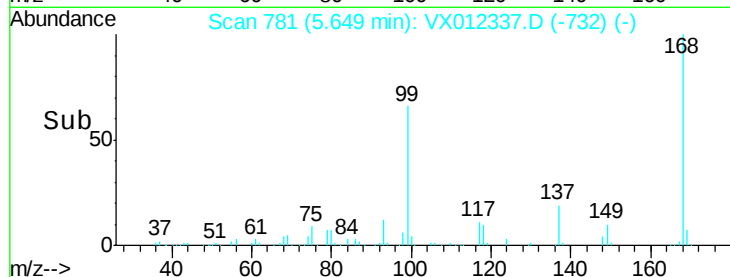
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.793 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012337.D

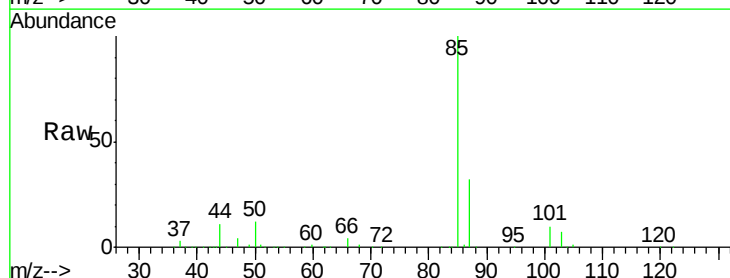
Acq: 12 Sep 2019 08:22

Tgt Ion: 85 Resp: 42232

Ion Ratio Lower Upper

85 100

87 32.2 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

50000

40000

30000

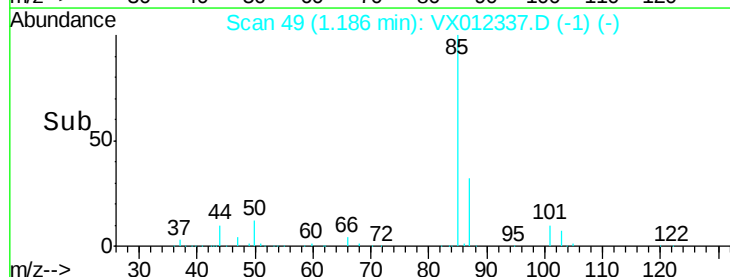
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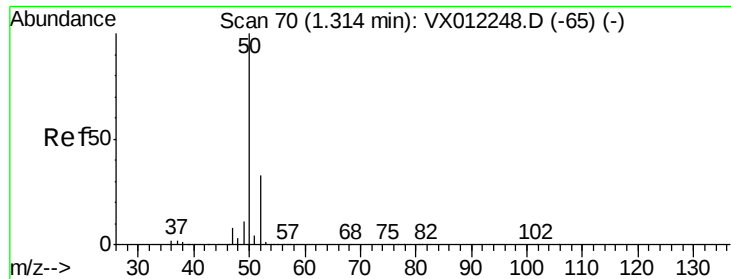
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Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 53.544 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 45505

Ion Ratio Lower Upper

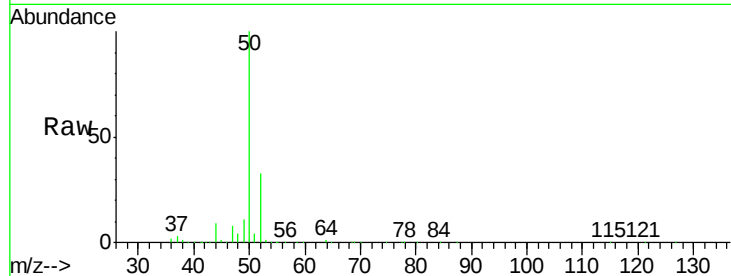
50 100

52 33.5 26.7 40.1

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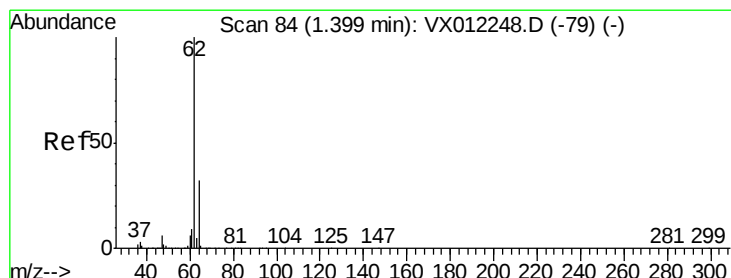
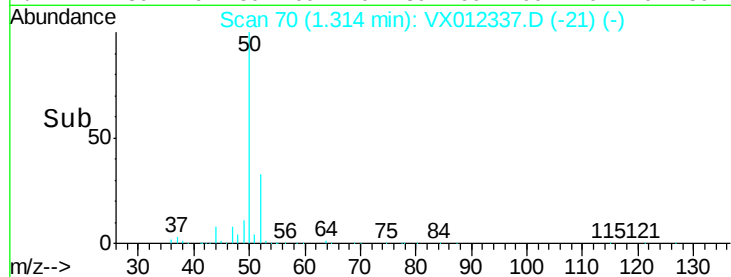
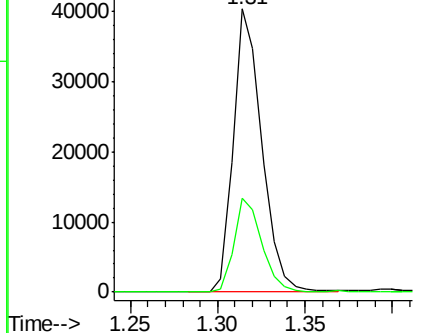
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.609 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012337.D

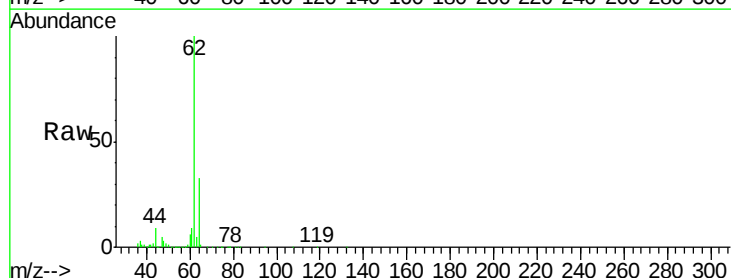
Acq: 12 Sep 2019 08:22

Tgt Ion: 62 Resp: 41804

Ion Ratio Lower Upper

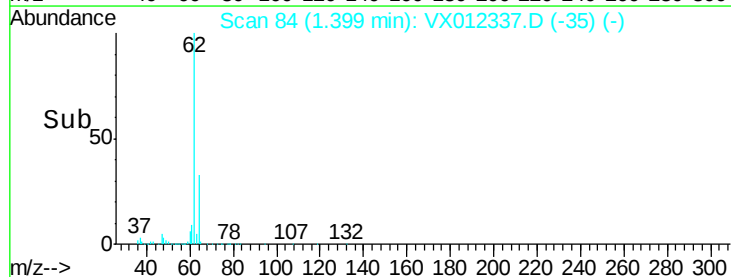
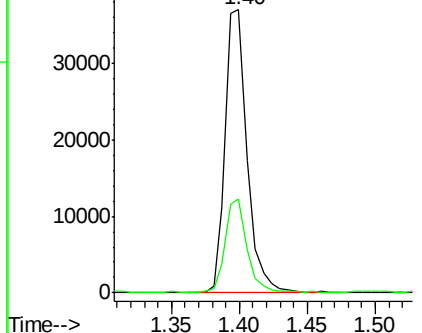
62 100

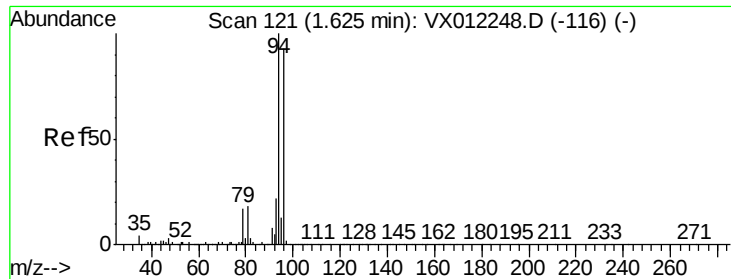
64 32.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 65.359 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 21836

Ion Ratio Lower Upper

94 100

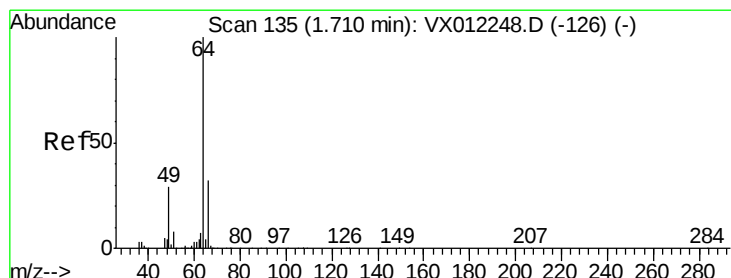
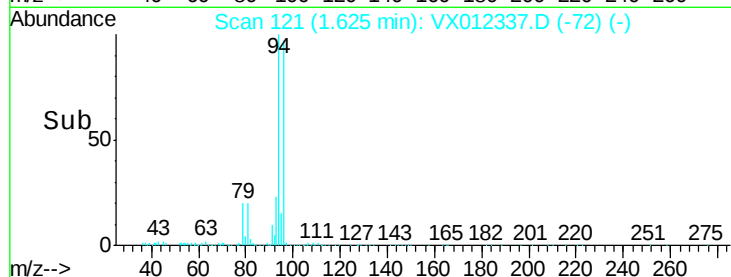
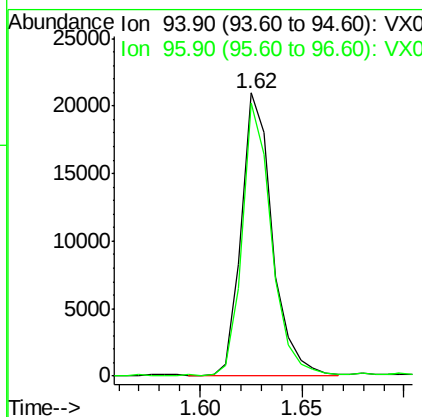
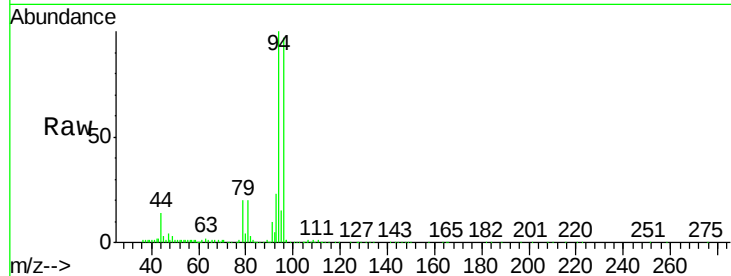
96 96.2 74.0 111.0

Manual Integrations

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#6

Chloroethane

Concen: 53.032 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012337.D

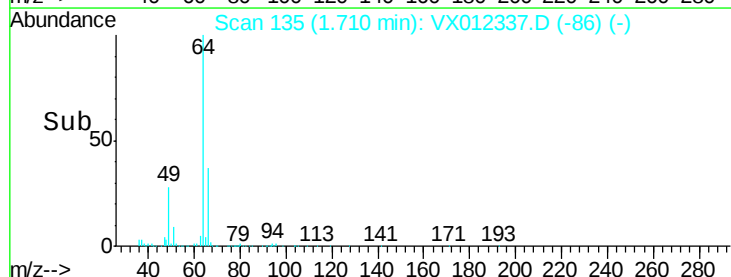
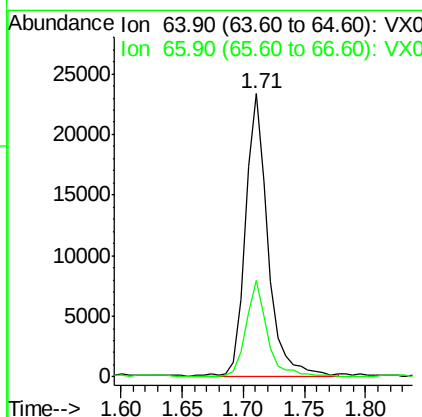
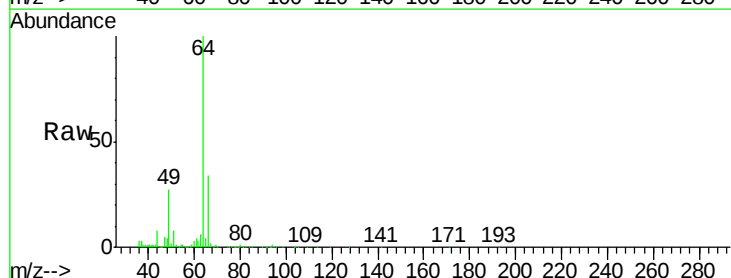
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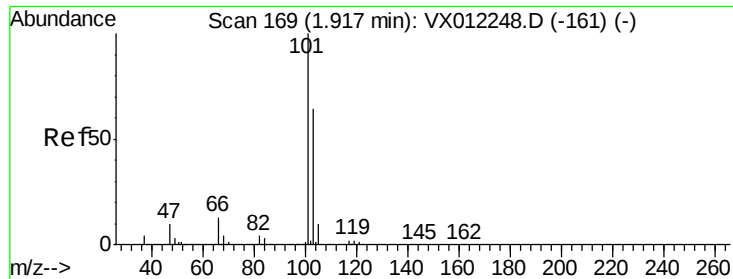
Tgt Ion: 64 Resp: 29882

Ion Ratio Lower Upper

64 100

66 34.0 25.8 38.6





#7

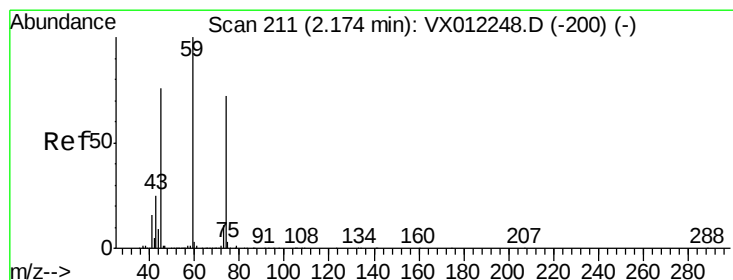
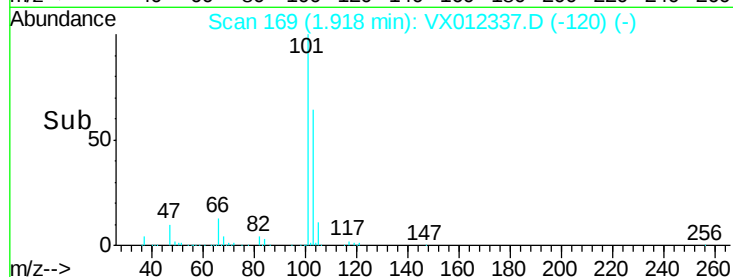
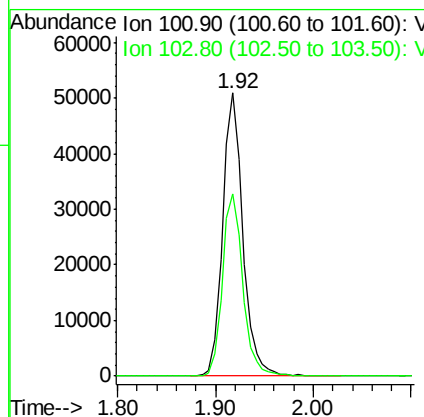
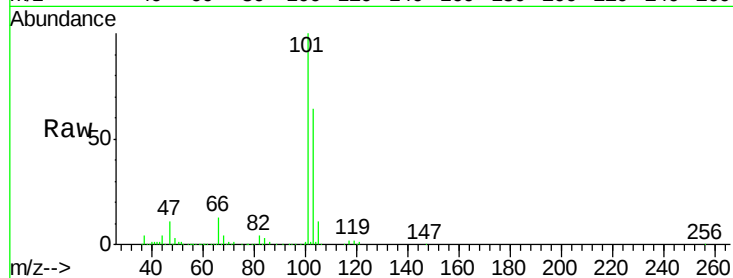
Trichlorofluoromethane
 Concen: 47.711 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Instrument :
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 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		72762		
103	64.3	51.4	77.2		

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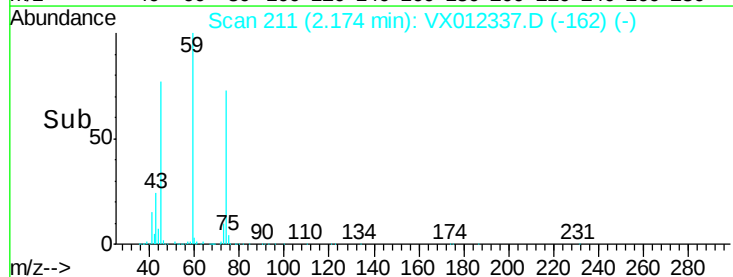
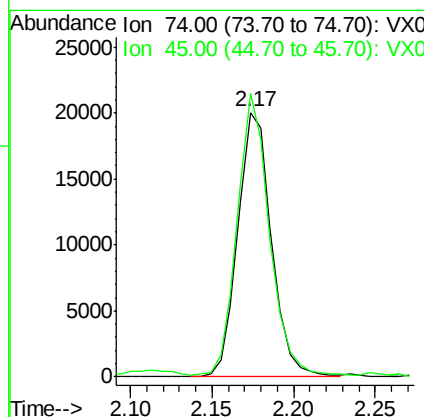
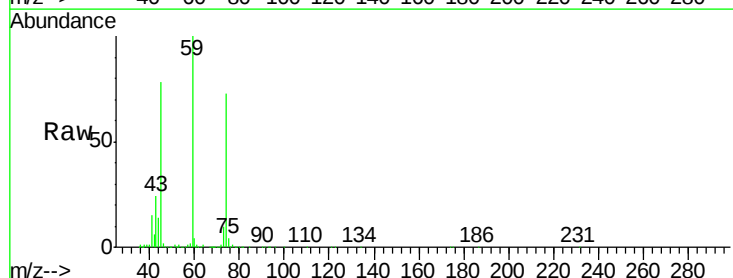
MMDadoda
 9/12/2019 9:26:55 AM

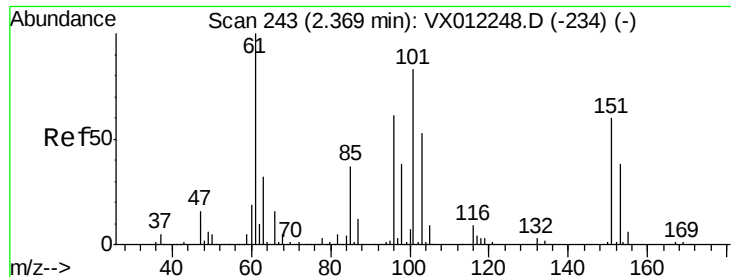


#8

Diethyl Ether
 Concen: 55.310 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		28783		
45	101.1	51.3	153.9		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.494 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Instrument :

MSVOA_X

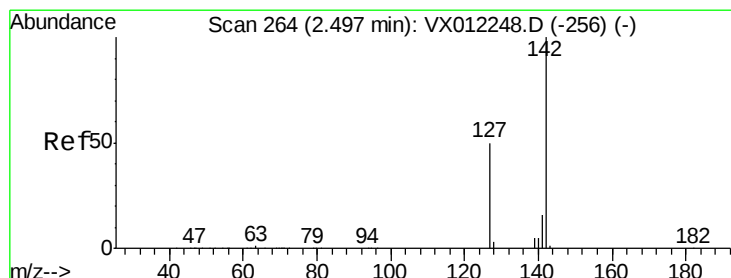
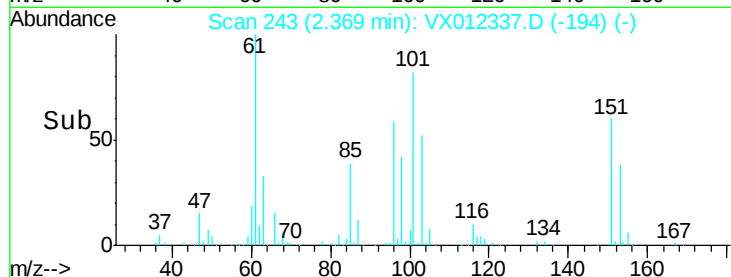
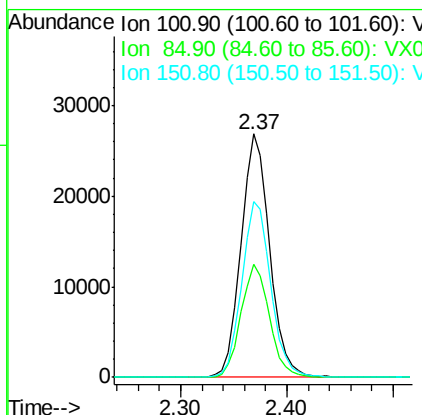
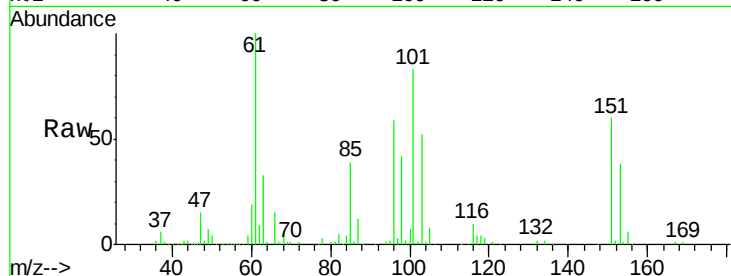
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	50872
Ion Ratio	Lower	Upper	
101	100		
85	46.1	37.0	55.6
151	73.0	58.6	87.8

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#10

Methyl Iodide

Concen: 35.030 ug/l

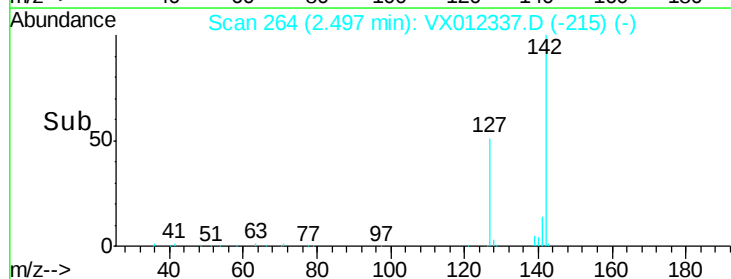
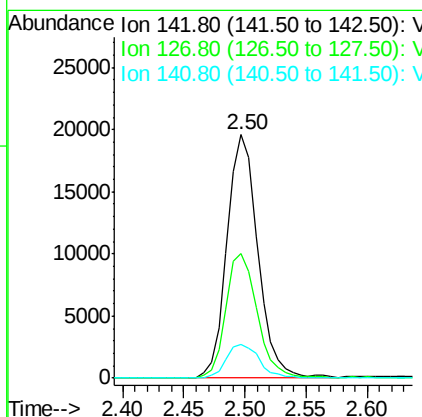
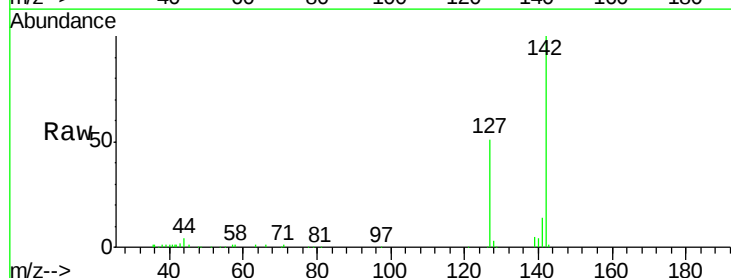
RT: 2.50 min Scan# 264

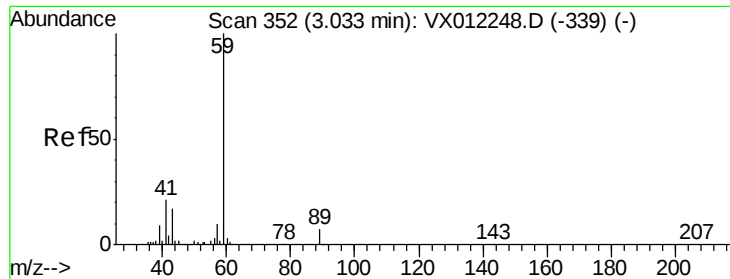
Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Tgt Ion:	142	Resp:	34269
Ion Ratio	Lower	Upper	
142	100		
127	52.1	40.6	61.0
141	14.6	12.0	18.0





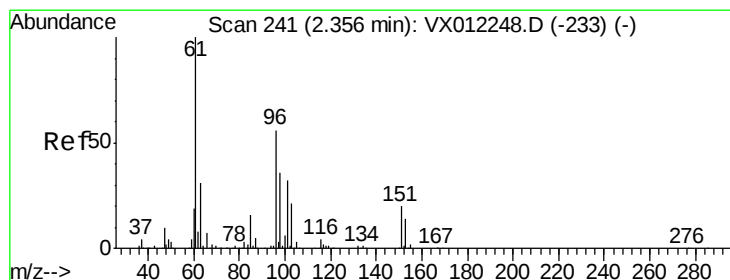
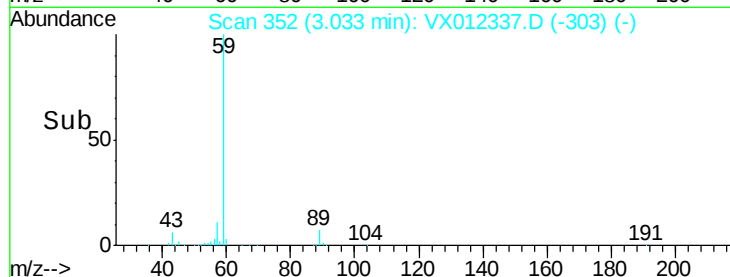
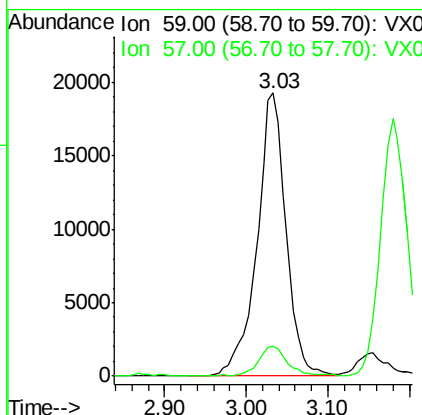
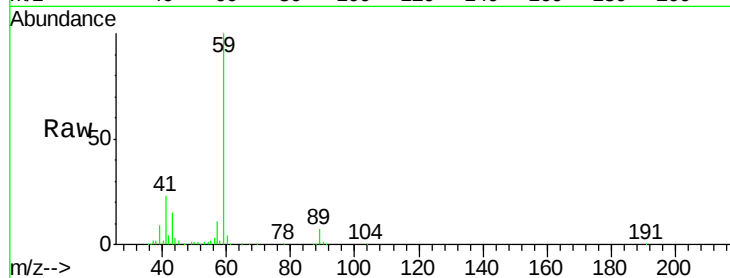
#11
Tert butyl alcohol
Concen: 277.157 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	7.8	11.6

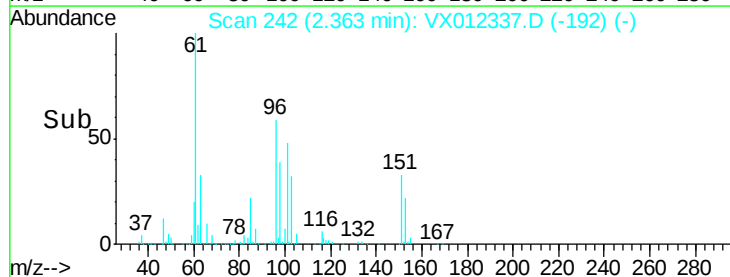
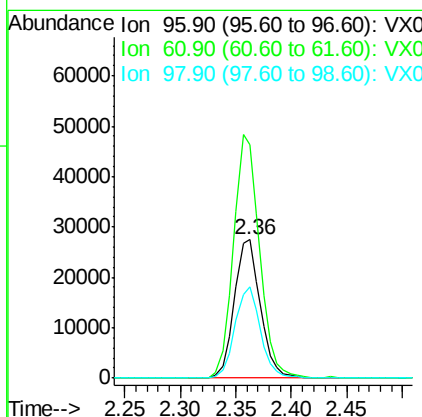
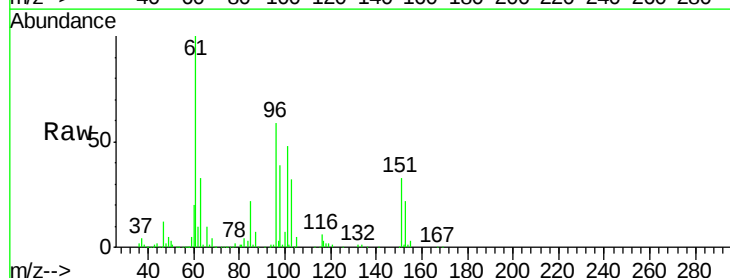
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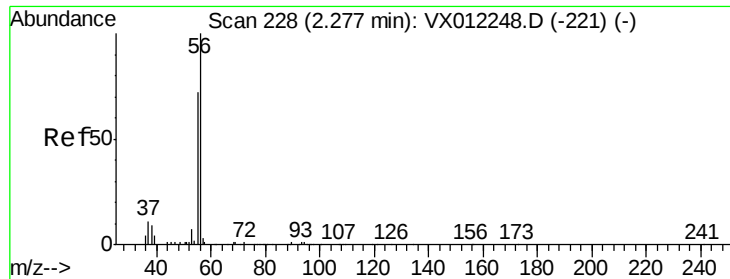
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#12
1,1-Dichloroethene
Concen: 51.180 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.01 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.0	142.2	213.2
98	65.6	51.3	76.9





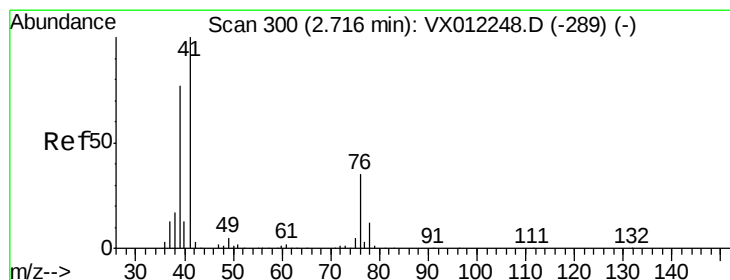
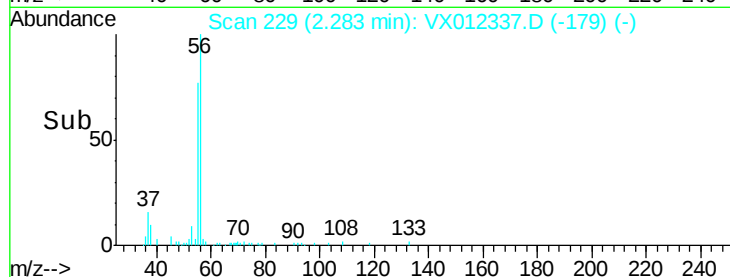
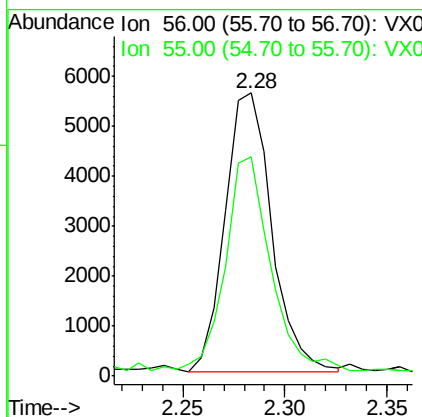
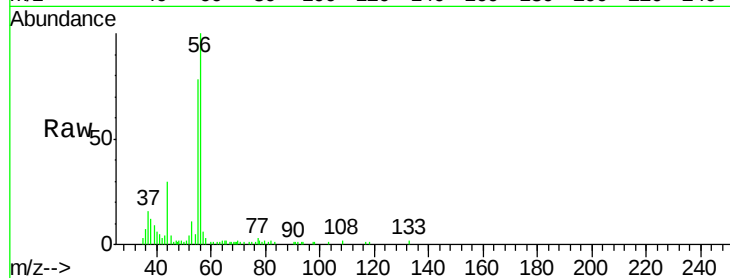
#13
Acrolein
Concen: 103.429 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.01 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	75.0	59.8	89.6

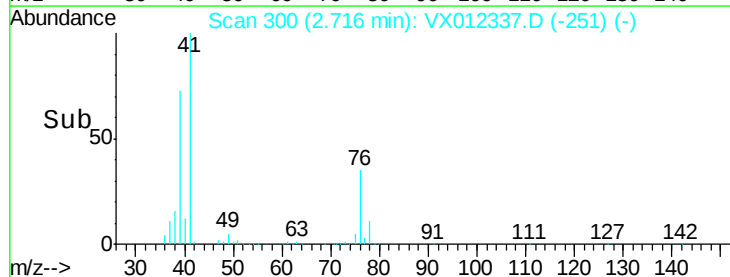
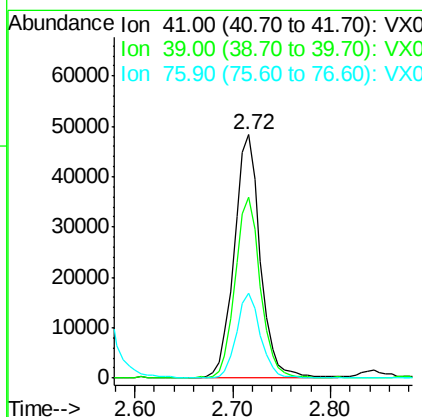
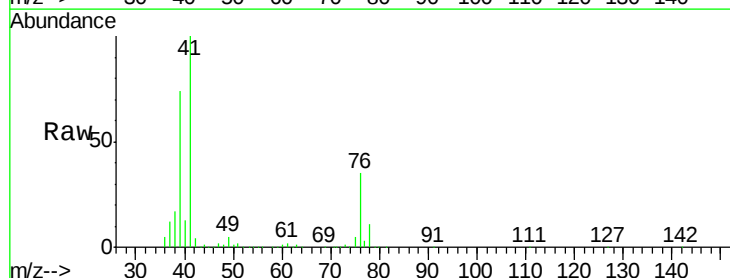
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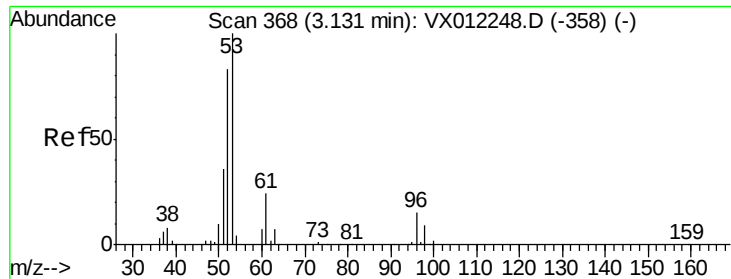
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#14
Allyl chloride
Concen: 49.787 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Lower	Upper
41	100		
39	72.2	58.6	87.8
76	32.0	26.3	39.5





#15

Acrylonitrile

Concen: 294.387 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Instrument :

MSVOA_X

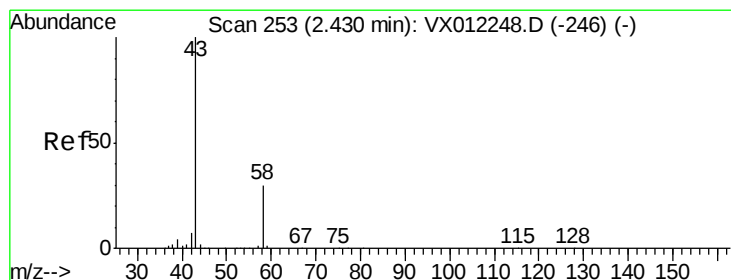
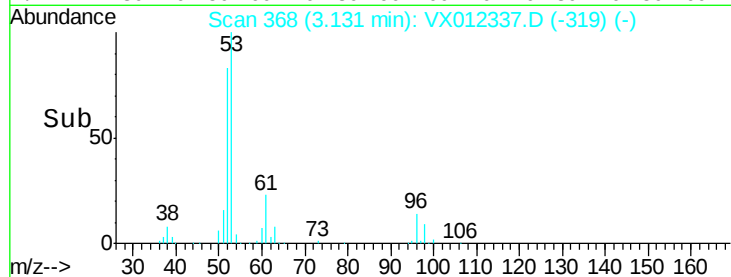
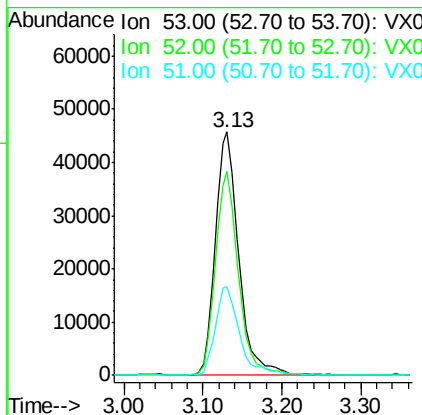
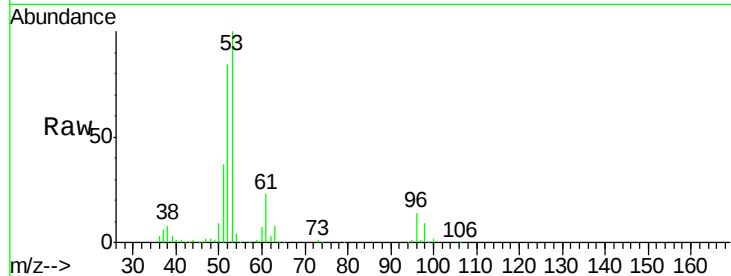
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	94700
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.8	100.2
51	37.6	30.7	46.1

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#16

Acetone

Concen: 216.678 ug/l

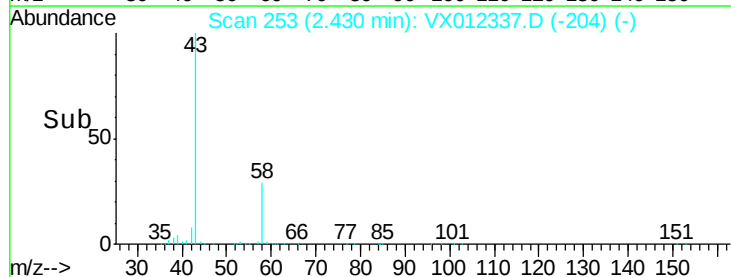
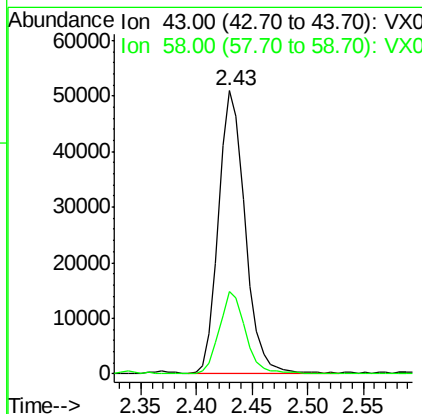
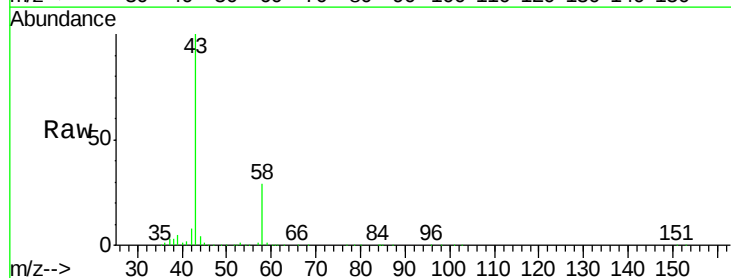
RT: 2.43 min Scan# 253

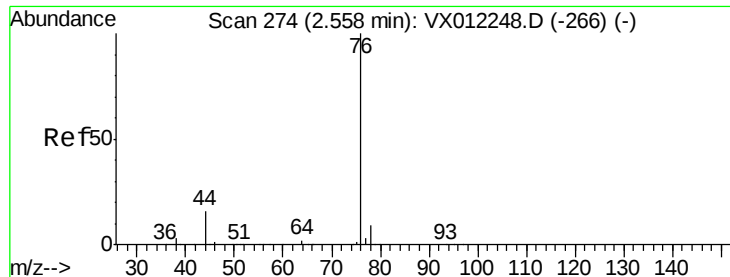
Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Tgt Ion:	43	Resp:	83629
Ion	Ratio	Lower	Upper
43	100		
58	29.0	23.6	35.4





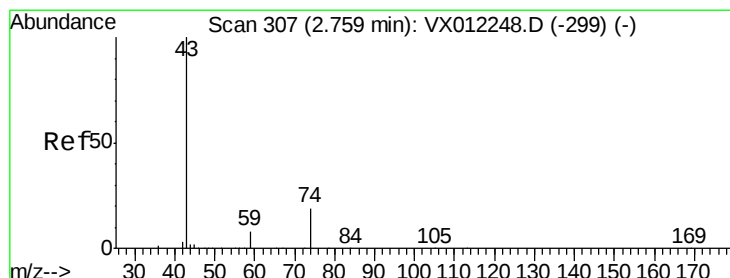
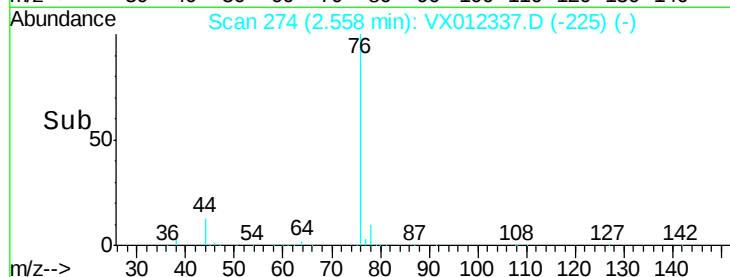
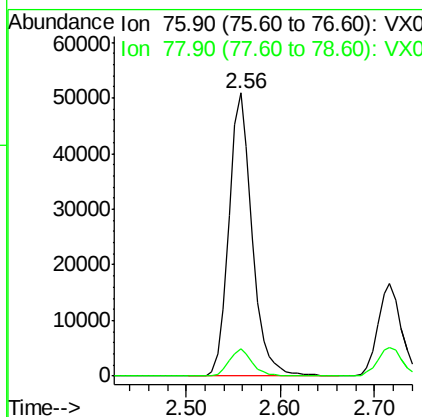
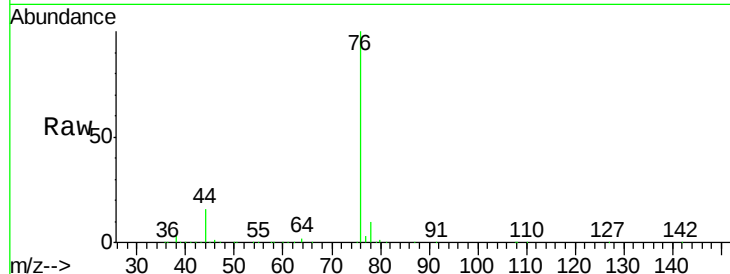
#17
Carbon Disulfide
Concen: 47.490 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.2

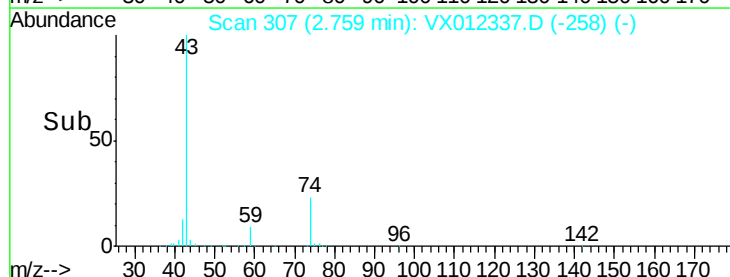
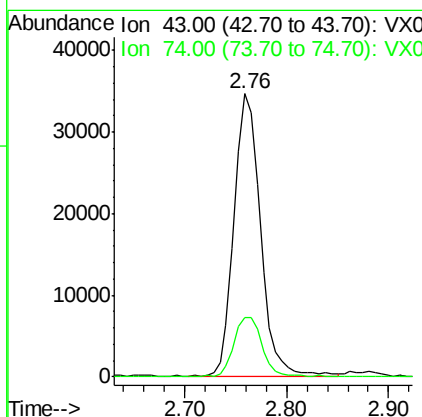
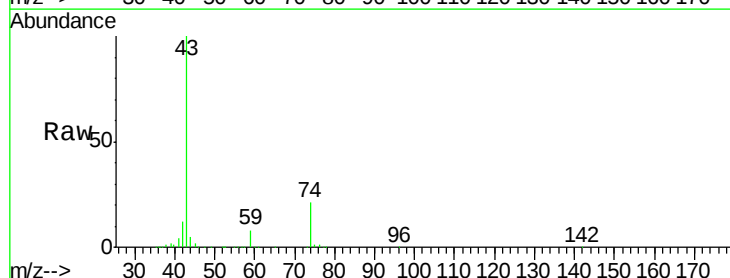
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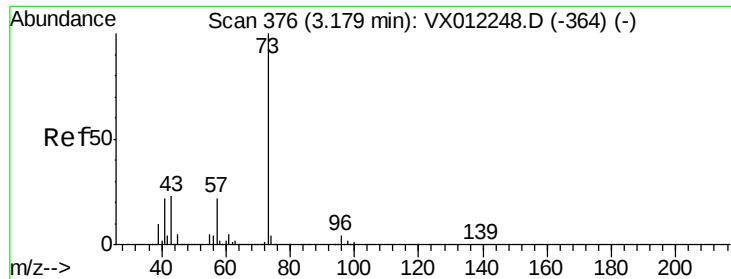
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#18
Methyl Acetate
Concen: 76.318 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.3	27.5





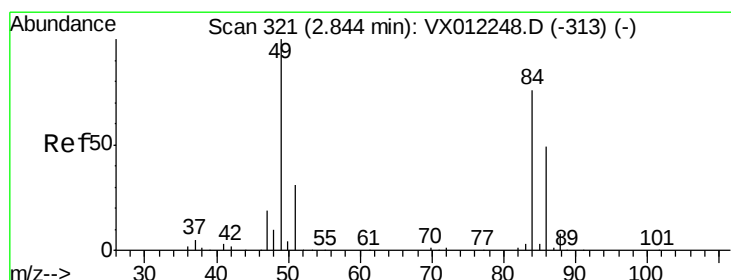
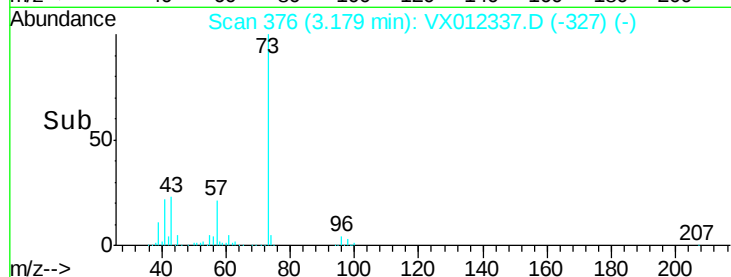
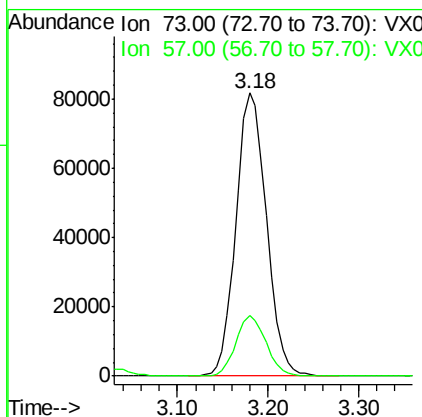
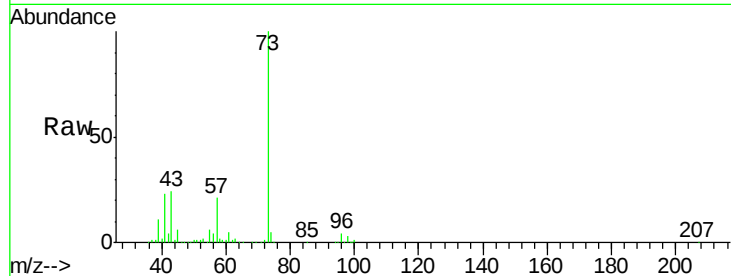
#19
Methvl tert-butvl Ether
Concen: 55.451 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 191086
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5

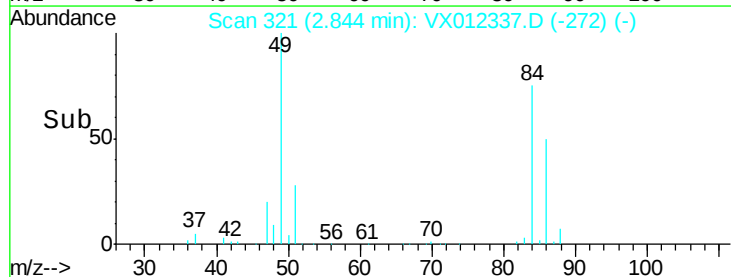
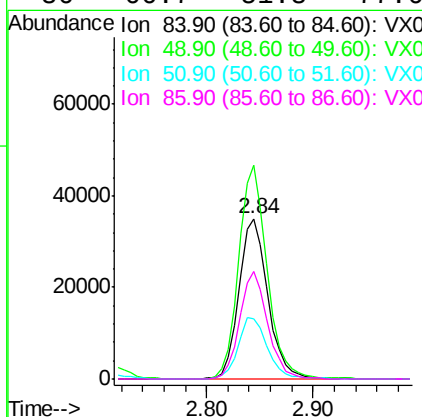
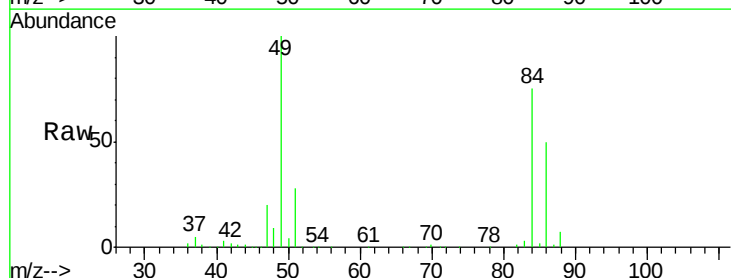
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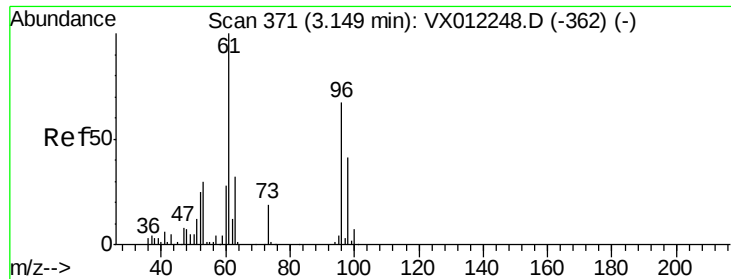
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#20
Methylene Chloride
Concen: 55.854 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Tgt Ion: 84 Resp: 66885
Ion Ratio Lower Upper
84 100
49 133.0 105.0 157.6
51 37.5 32.6 48.8
86 66.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 52.226 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Instrument :

MSVOA_X

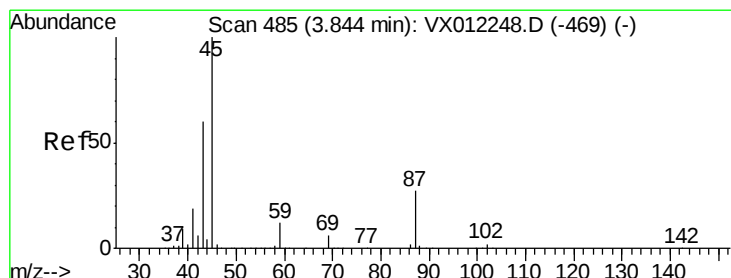
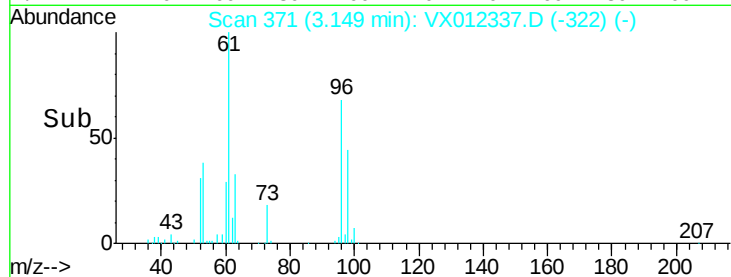
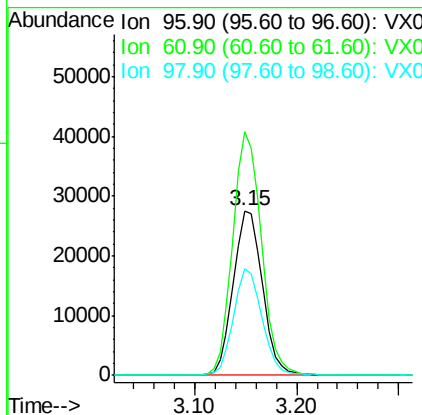
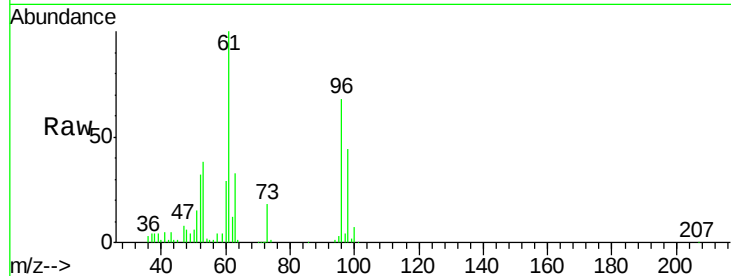
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	54372
Ion	Ratio	Lower	Upper
96	100		
61	147.8	119.4	179.2
98	65.1	48.4	72.6

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#22

Diisopropyl ether

Concen: 54.692 ug/l

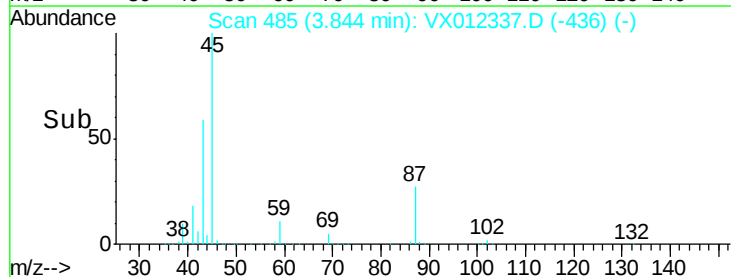
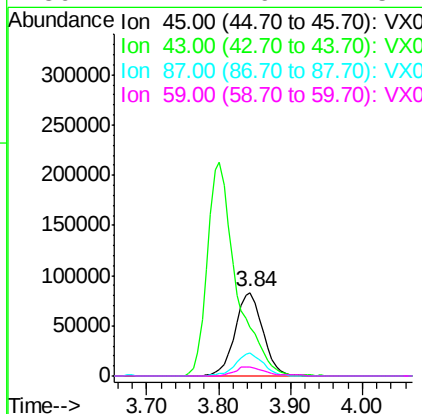
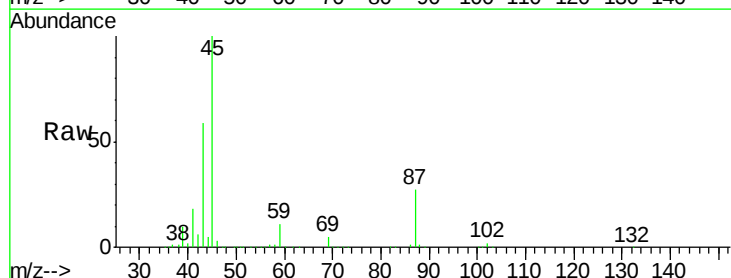
RT: 3.84 min Scan# 485

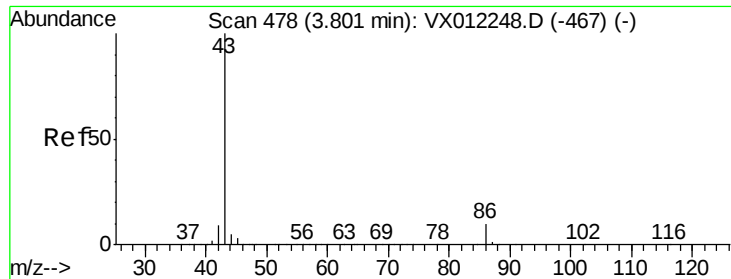
Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Tgt Ion:	45	Resp:	222524
Ion	Ratio	Lower	Upper
45	100		
43	58.5	48.3	72.5
87	27.1	21.8	32.8
59	11.2	9.1	13.7





#23

Vinyl Acetate

Concen: 237.491 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 592850

Ion Ratio Lower Upper

43 100

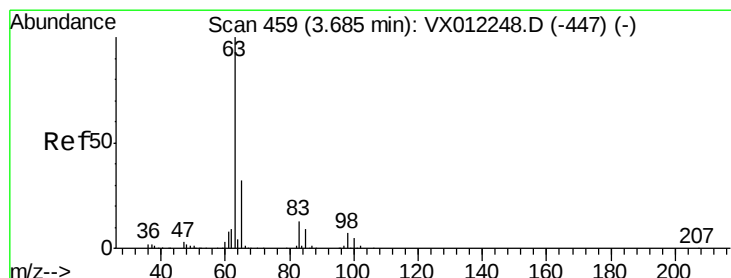
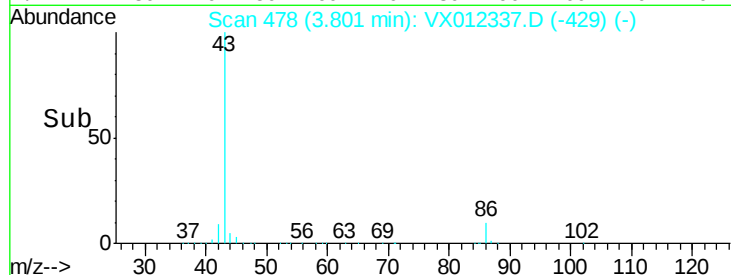
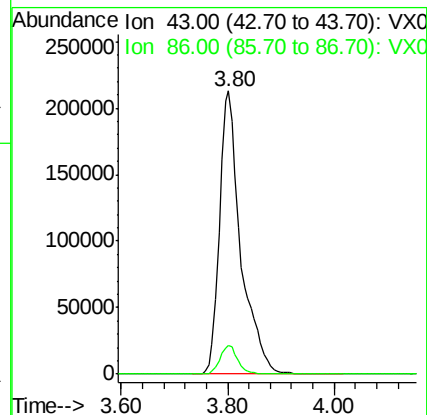
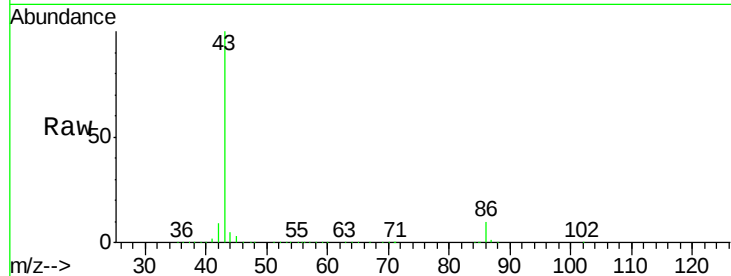
86 10.0 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 54.025 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

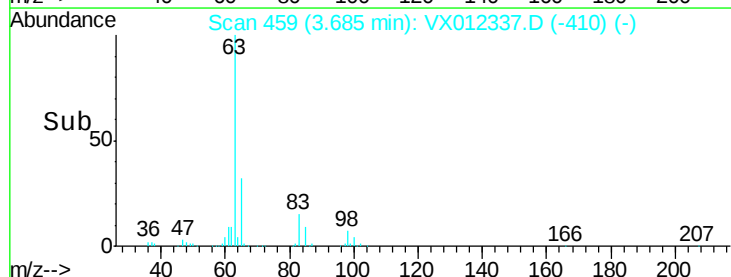
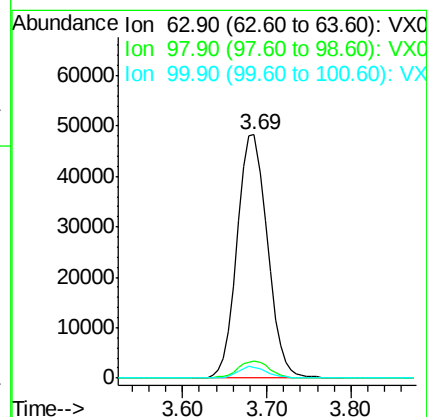
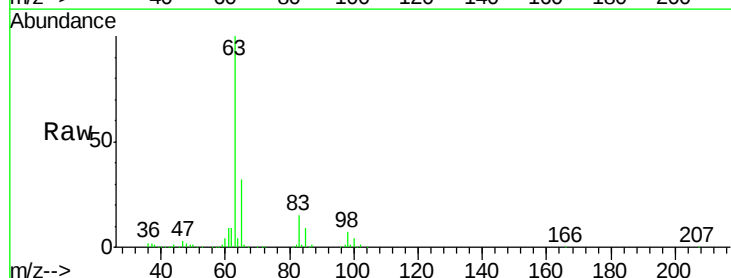
Tgt Ion: 63 Resp: 117740

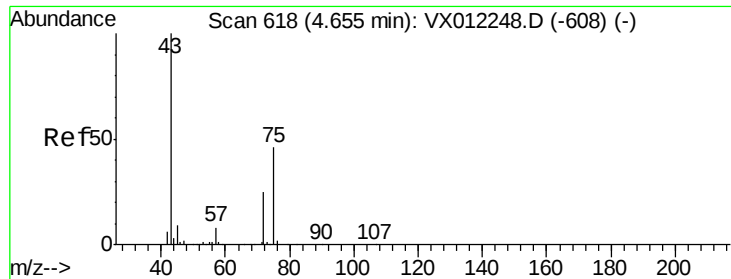
Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

100 4.2 2.4 7.2





#25

2-Butanone

Concen: 259.131 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 127854

Ion Ratio Lower Upper

43 100

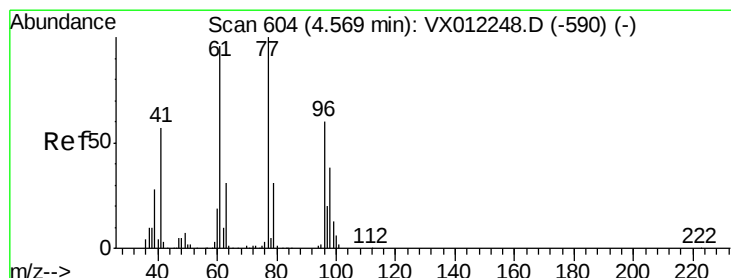
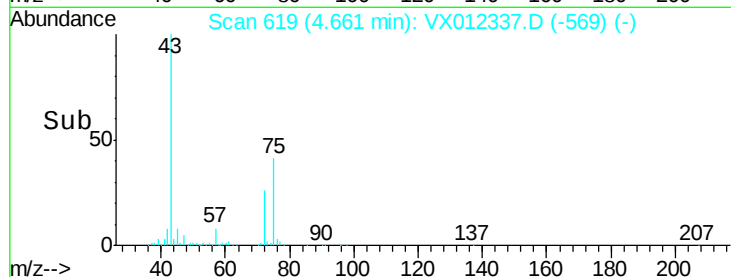
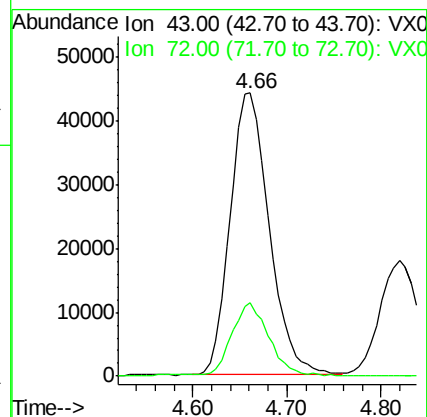
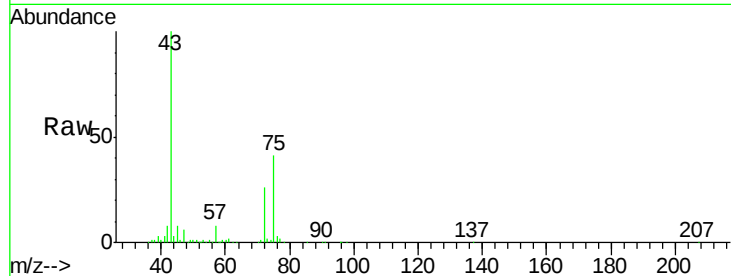
72 26.0 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 36.433 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012337.D

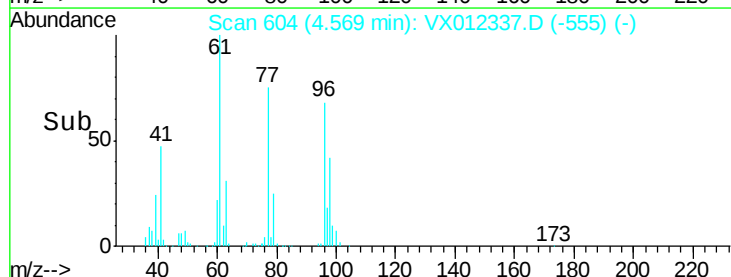
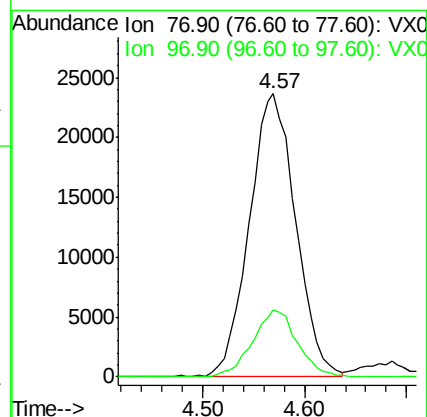
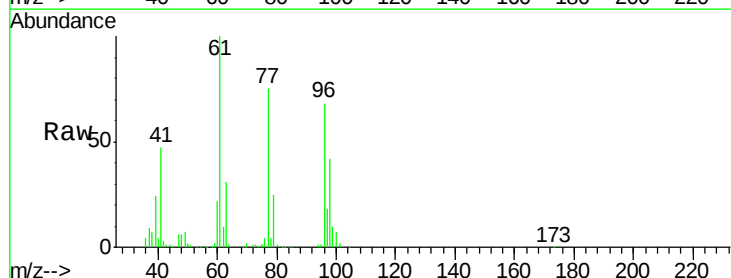
Acq: 12 Sep 2019 08:22

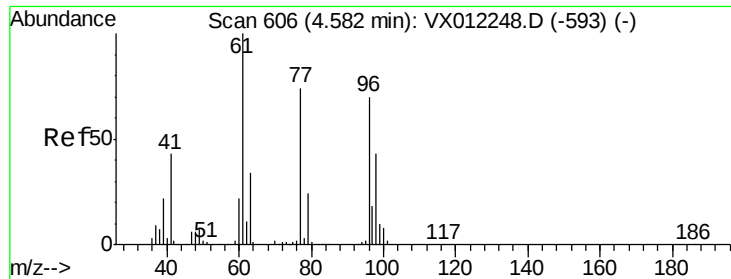
Tgt Ion: 77 Resp: 74545

Ion Ratio Lower Upper

77 100

97 22.8 10.7 32.1





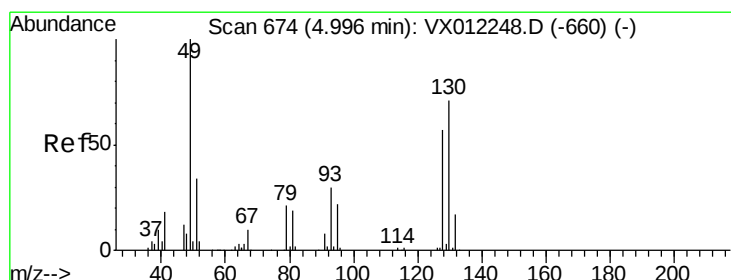
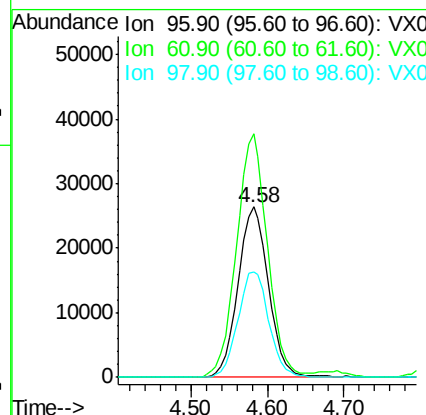
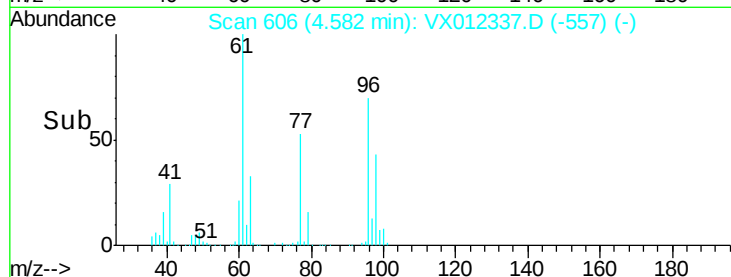
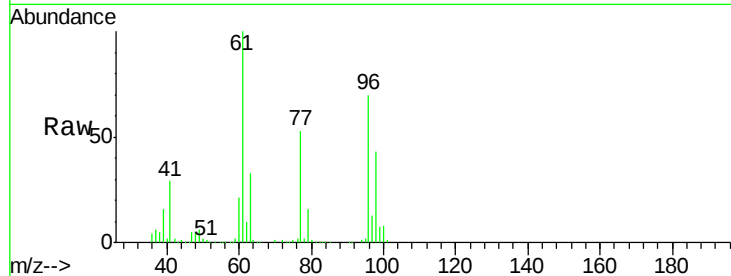
#27
 cis-1,2-Dichloroethene
 Concen: 54.130 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.6	0.0	310.4	
98	63.1	0.0	128.8	

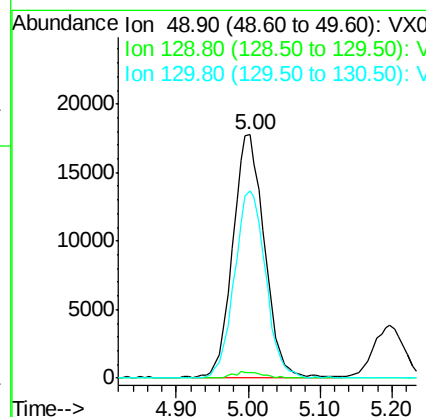
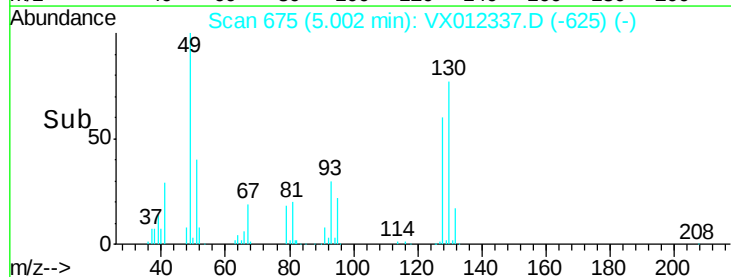
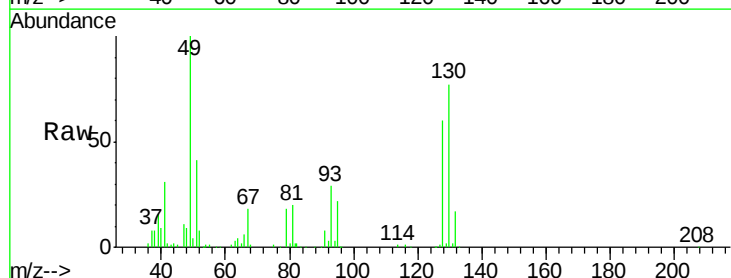
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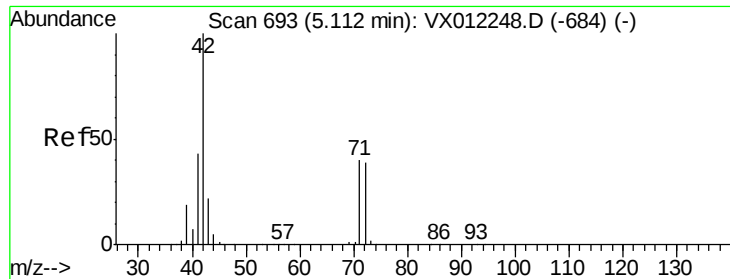
MMDadoda
 9/12/2019 9:26:55 AM



#28
 Bromochloromethane
 Concen: 53.288 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.01 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	5.2	
130	75.2	60.1	90.1	





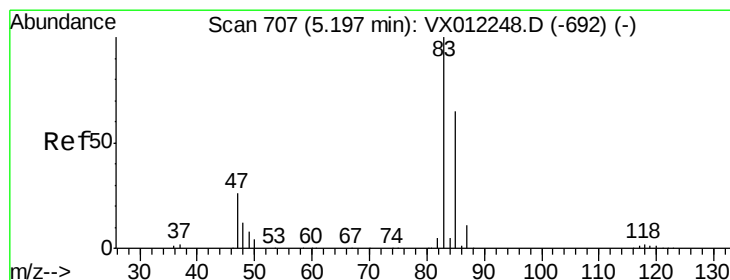
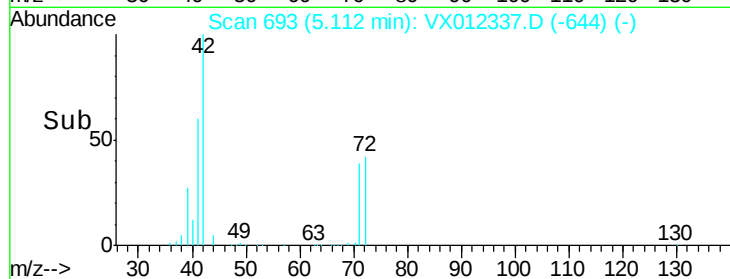
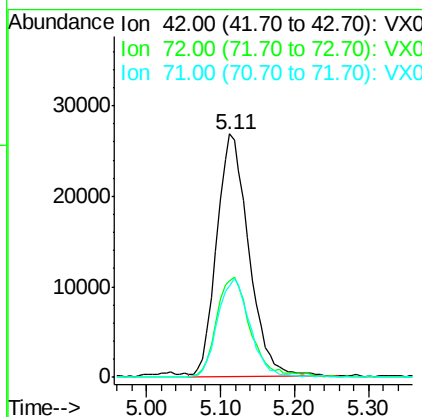
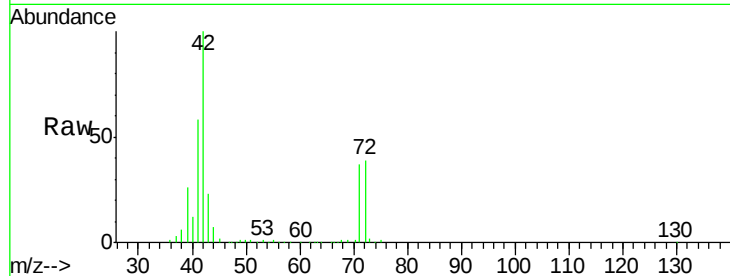
#29
Tetrahydrofuran
Concen: 302.403 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	35.2	52.8
71	40.8	32.5	48.7

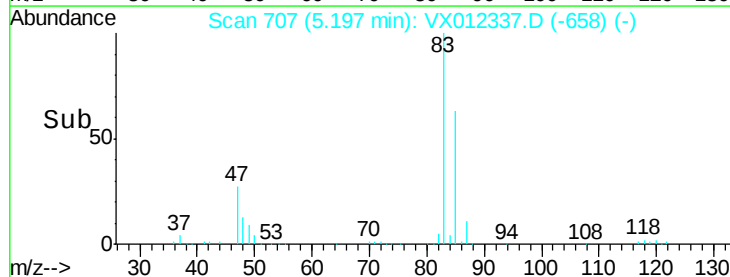
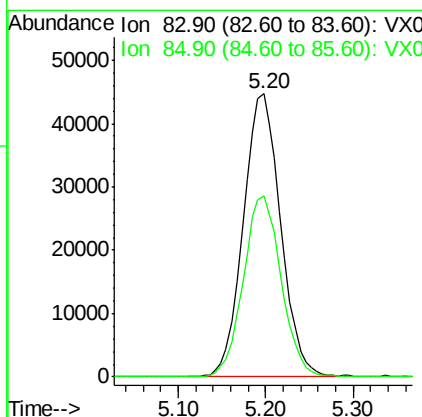
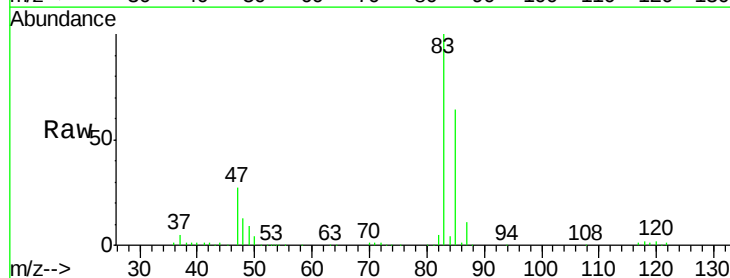
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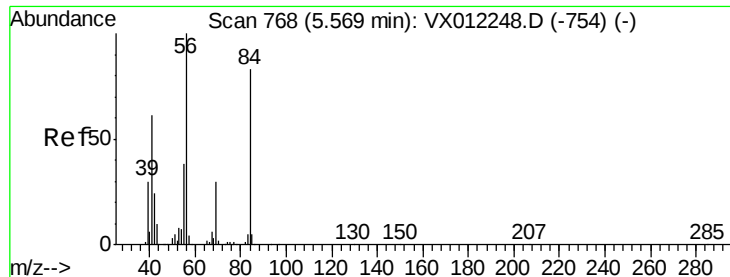
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9/12/2019 9:26:55 AM



#30
Chloroform
Concen: 53.904 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.3	78.5





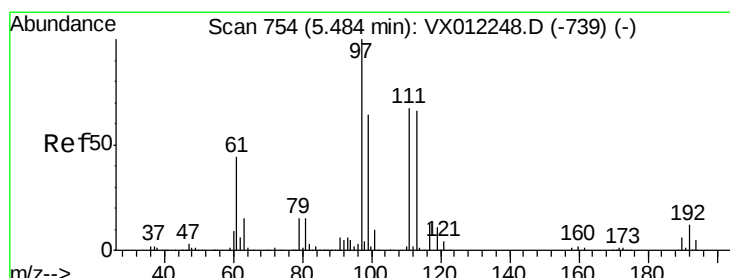
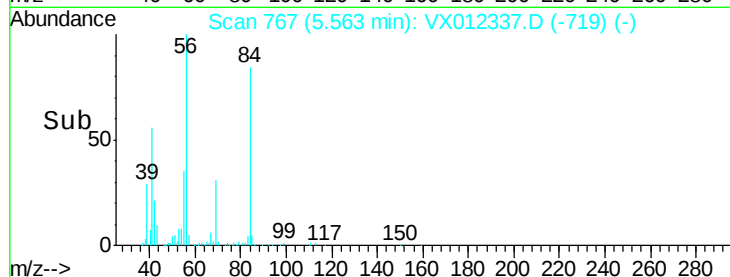
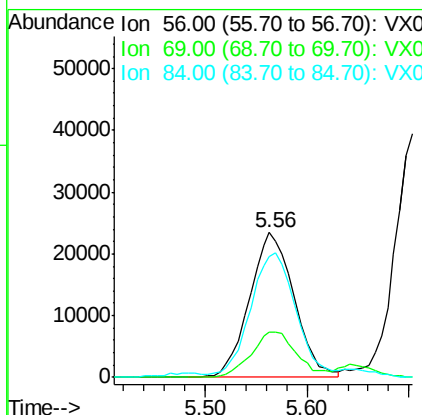
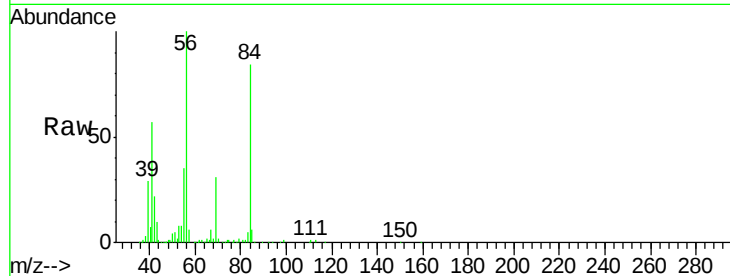
#31
Cyclohexane
Concen: 47.078 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.0	23.8	35.6	
84	80.2	66.6	100.0	

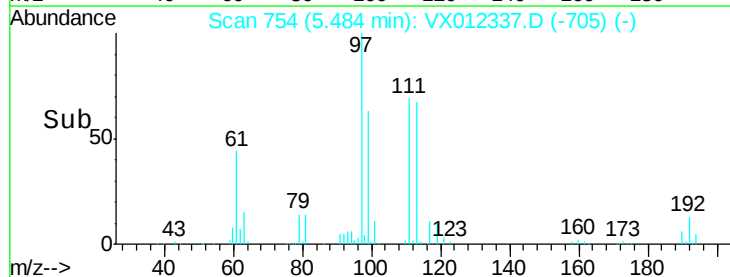
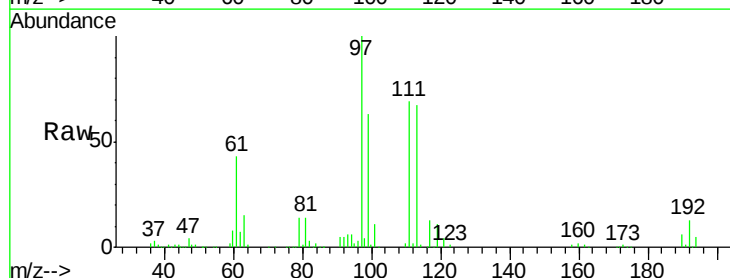
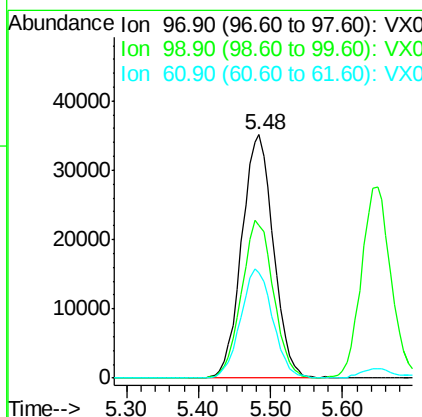
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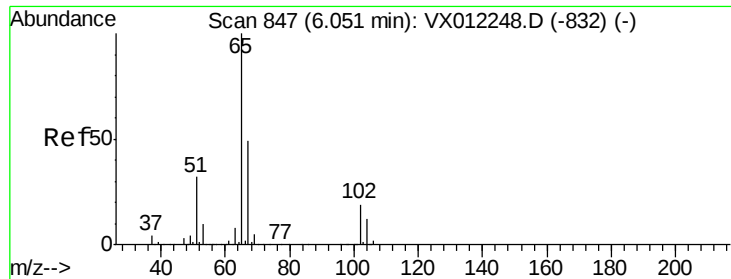
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#32
1,1,1-Trichloroethane
Concen: 50.935 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.0	51.3	76.9	
61	45.4	35.4	53.0	





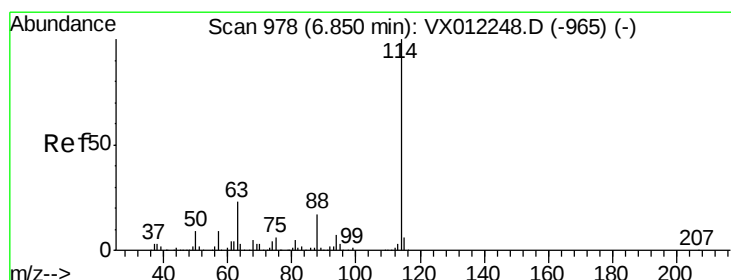
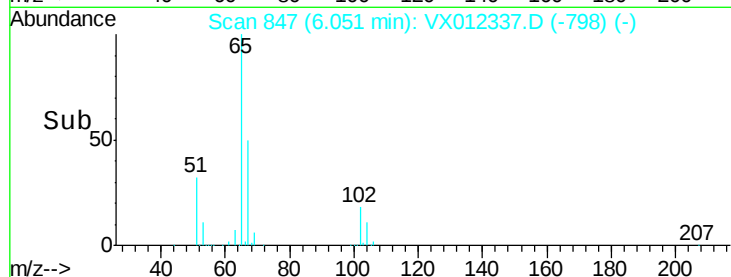
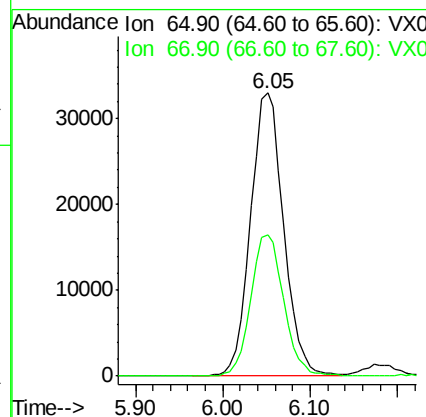
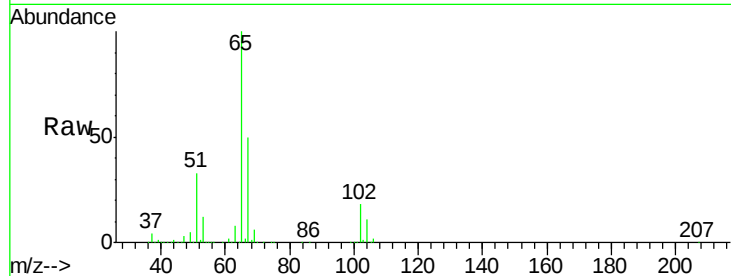
#33
 1,2-Dichloroethane-d4
 Concen: 53.240 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	86801		
67	49.9	0.0	99.8	

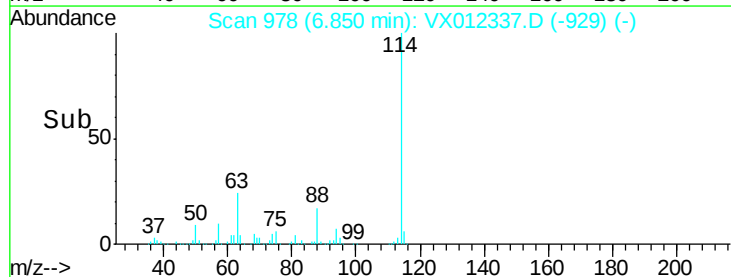
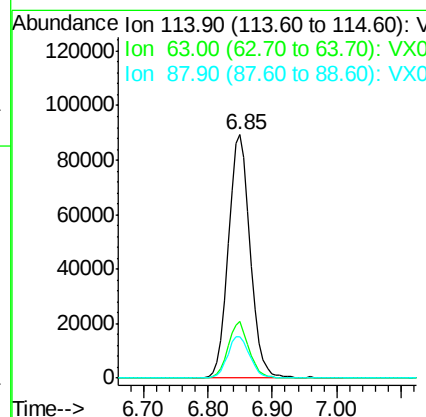
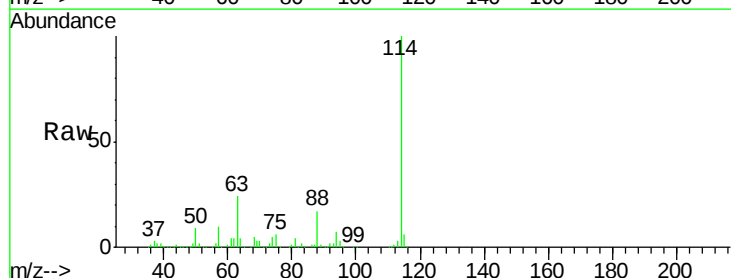
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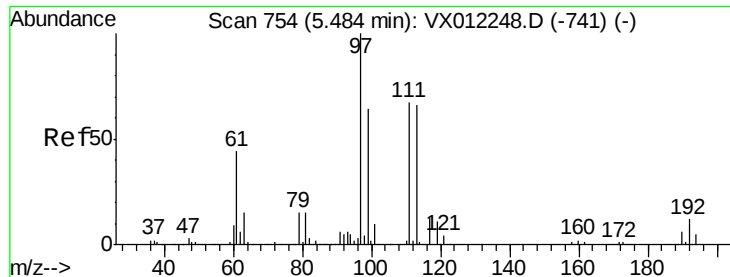
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	213700		
63	23.5	0.0	45.2	
88	17.0	0.0	34.8	





#35

Dibromofluoromethane

Concen: 49.093 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Instrument :

MSVOA_X

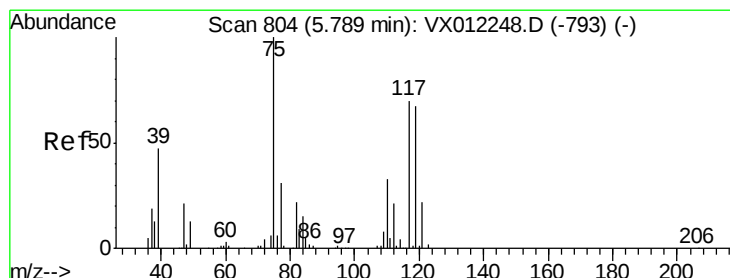
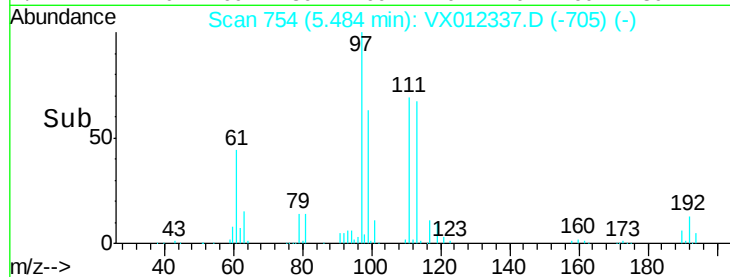
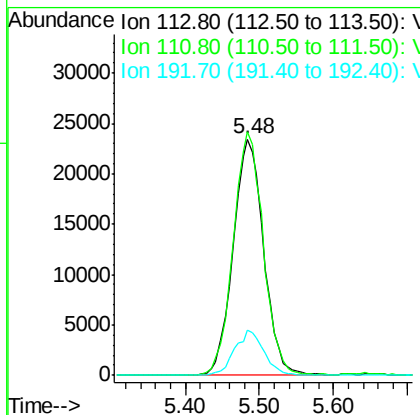
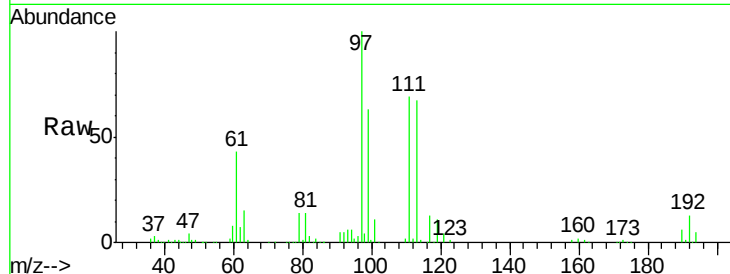
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	67253
Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.0	124.6
192	18.2	14.3	21.5

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#36

1,1-Dichloropropene

Concen: 48.863 ug/l

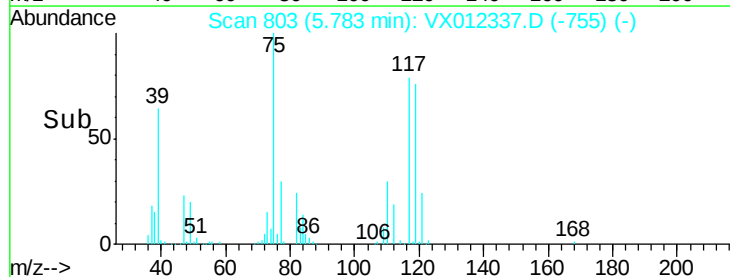
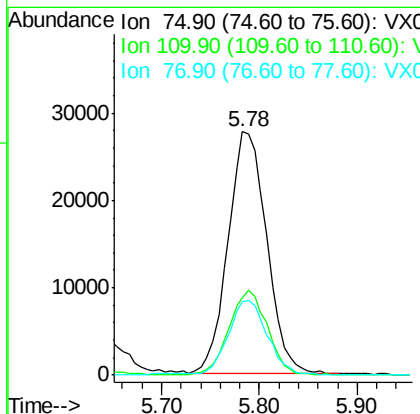
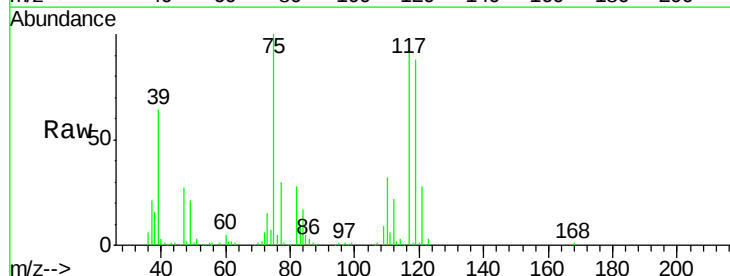
RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Tgt Ion:	75	Resp:	76140
Ion	Ratio	Lower	Upper
75	100		
110	34.5	16.8	50.4
77	31.2	24.5	36.7





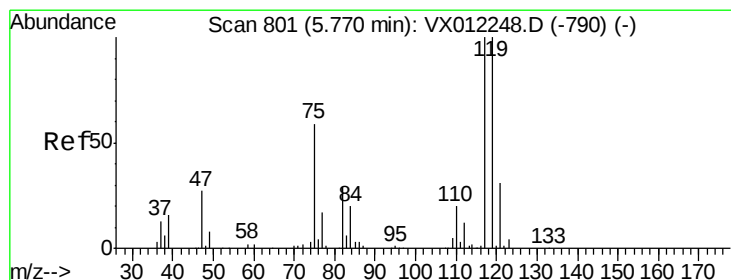
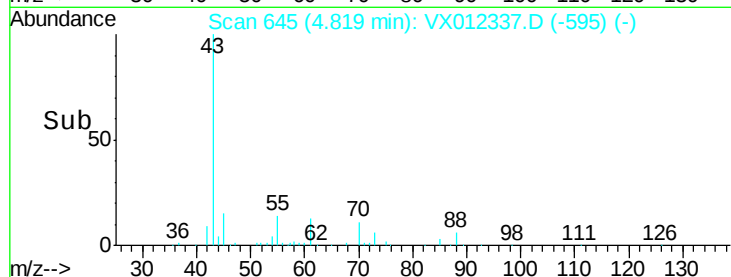
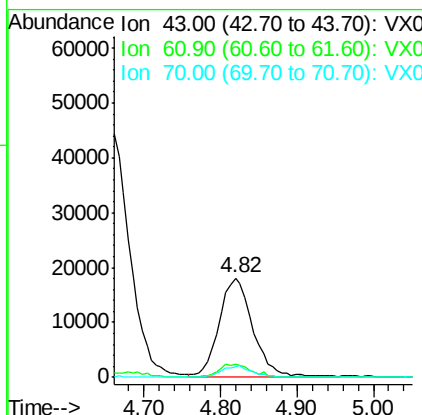
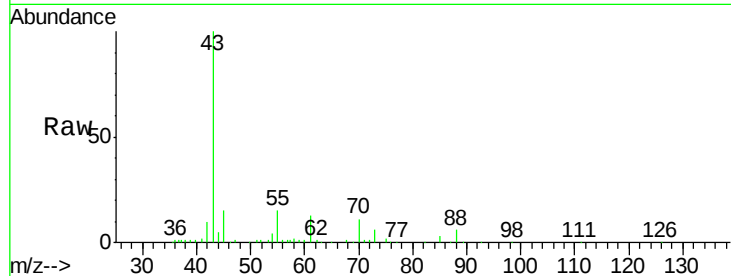
#37
Ethyl Acetate
Concen: 55.664 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.3	15.5
70	11.1	9.1	13.7

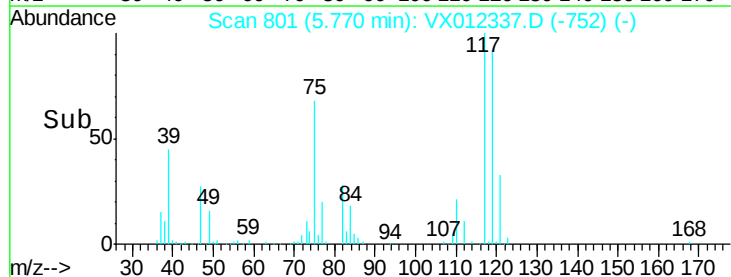
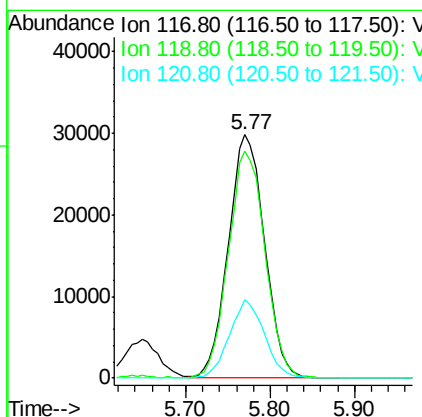
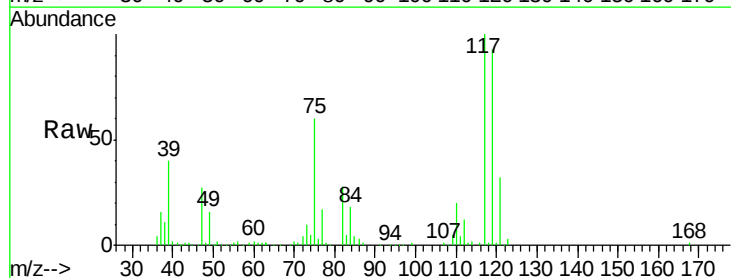
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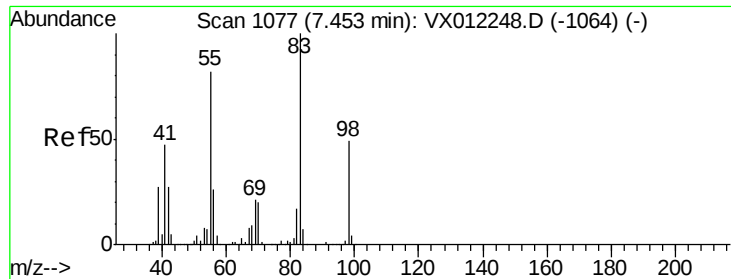
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#38
Carbon Tetrachloride
Concen: 47.568 ug/l
RT: 5.77 min Scan# 801
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	79.6	119.4
121	32.5	24.7	37.1





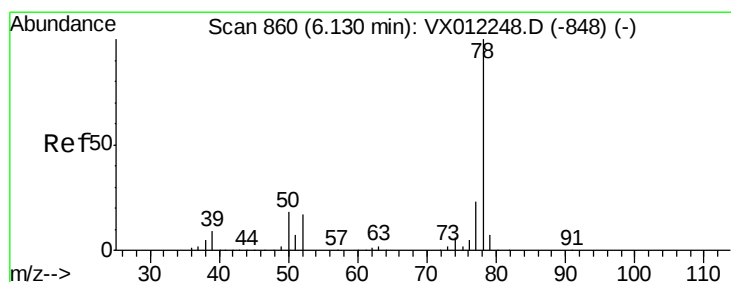
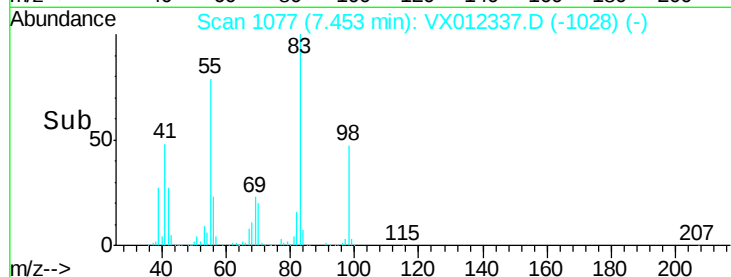
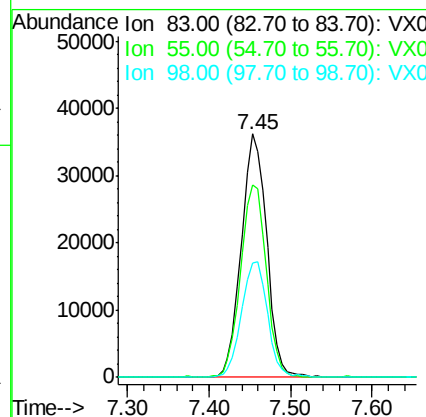
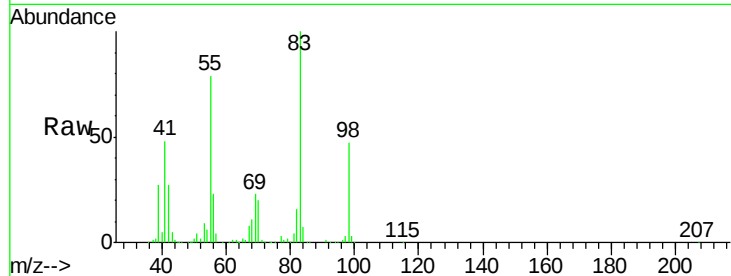
#39
Methvlcvclohexane
Concen: 45.543 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	65.4	98.2
98	47.0	39.6	59.4

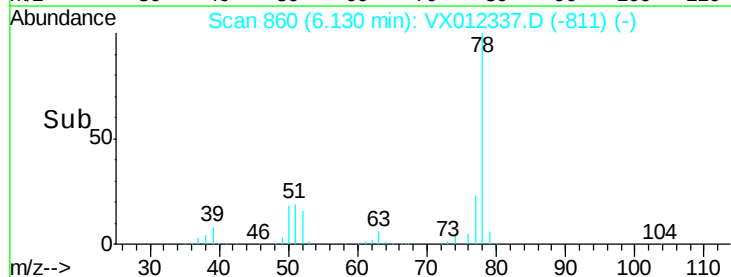
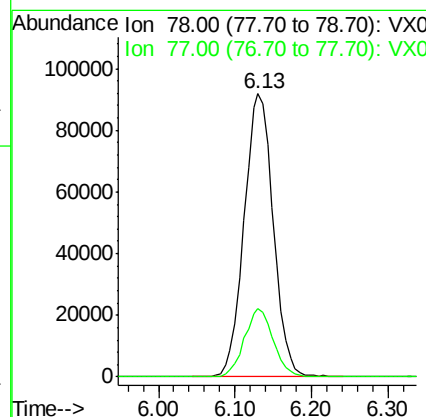
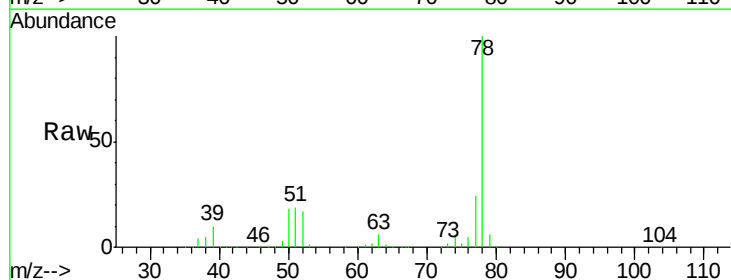
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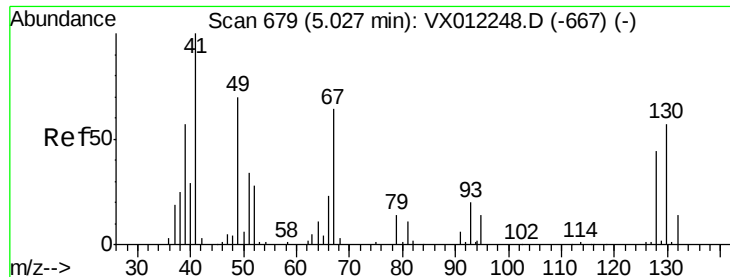
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#40
Benzene
Concen: 51.423 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.0	27.0





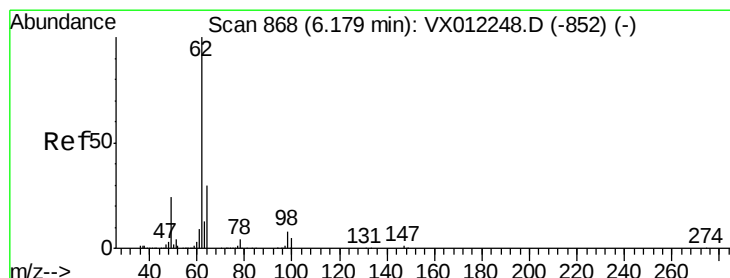
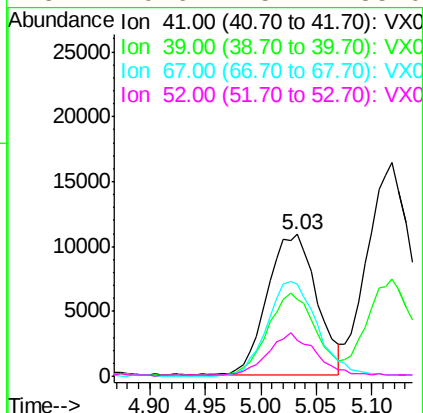
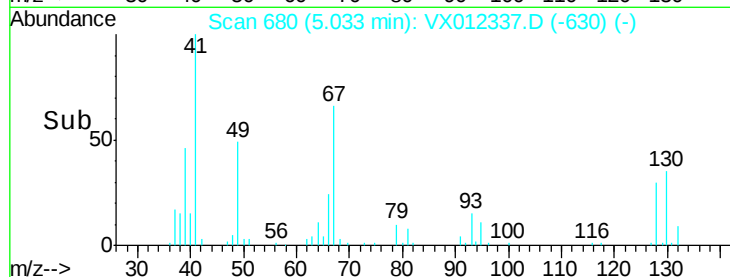
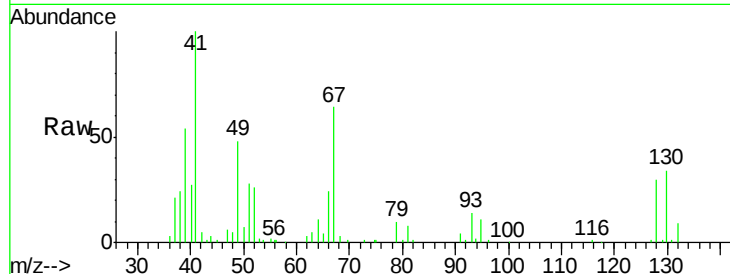
#41
Methacrylonitrile
Concen: 57.051 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.6	49.0	73.4	
67	68.1	55.0	82.4	
52	29.6	25.4	38.0	

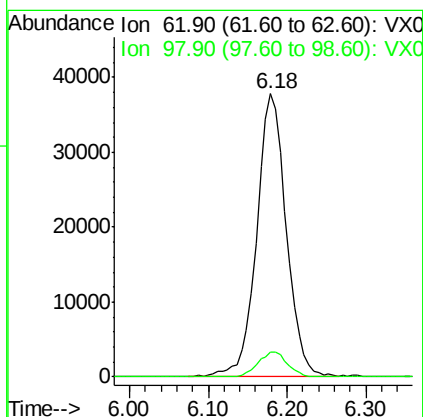
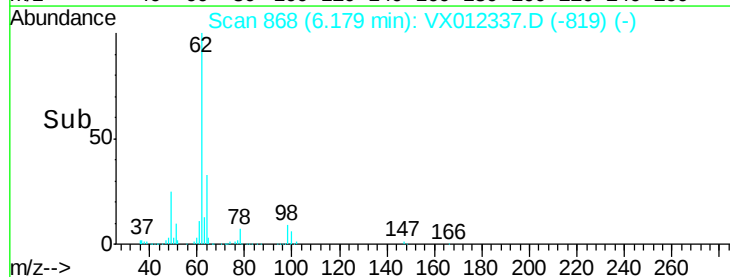
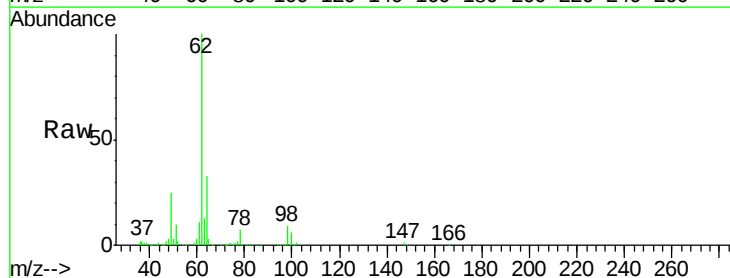
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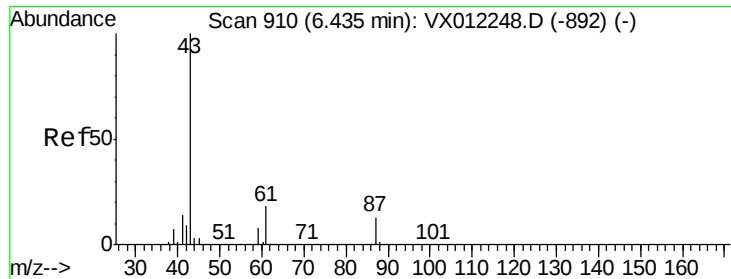
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#42
1,2-Dichloroethane
Concen: 53.036 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	17.2	





#43

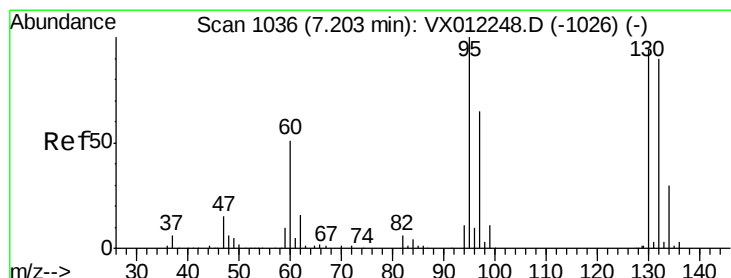
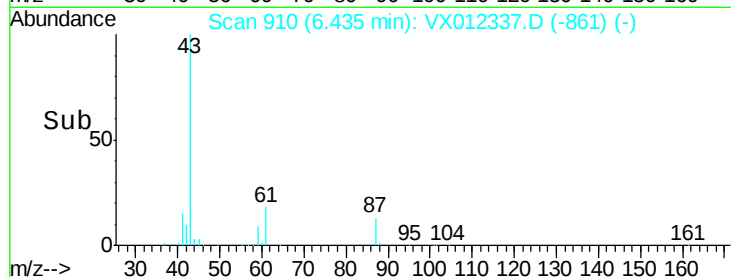
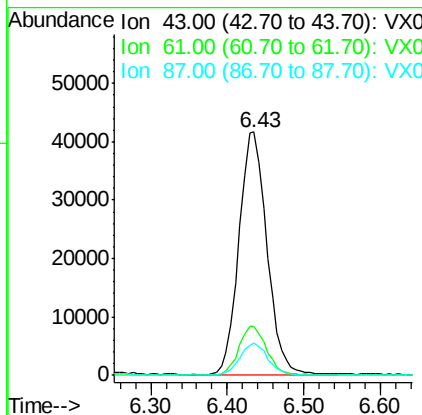
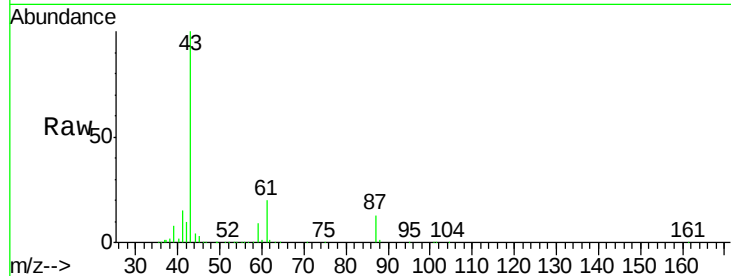
Isopropyl Acetate
 Concen: 52.122 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.4	23.2
87	13.1	10.5	15.7

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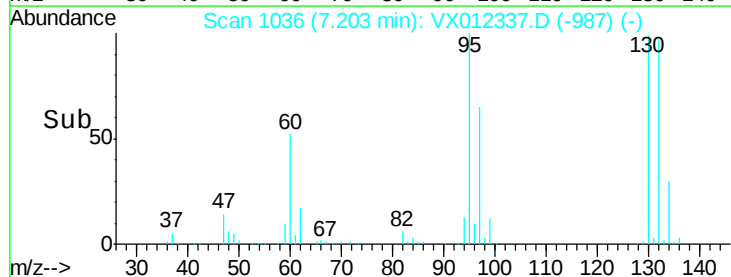
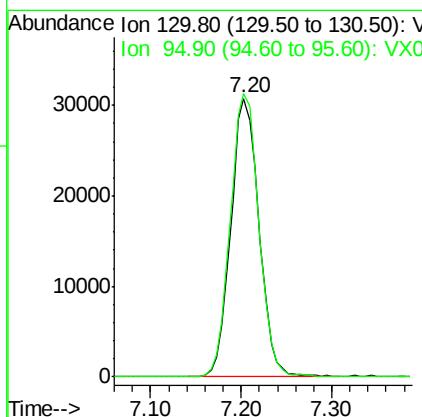
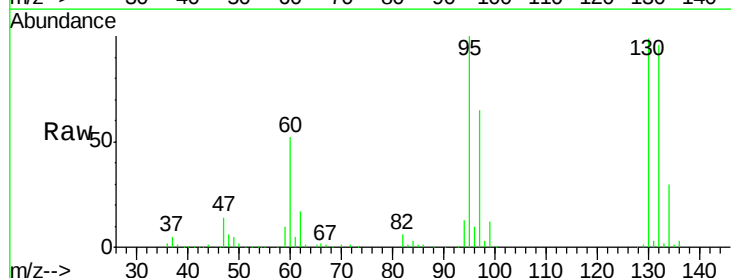
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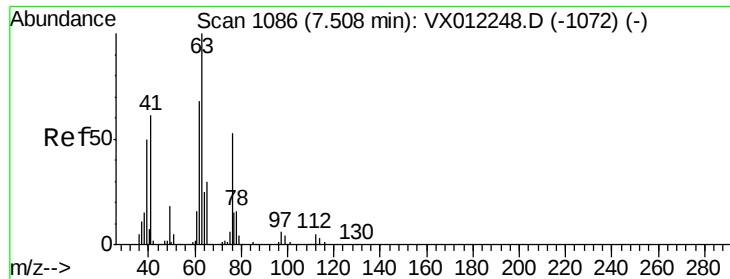


#44

Trichloroethene
 Concen: 52.035 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	212.0





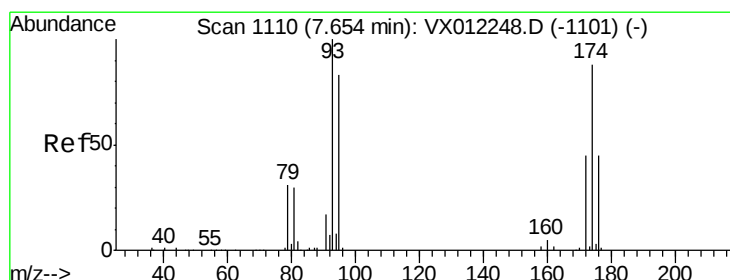
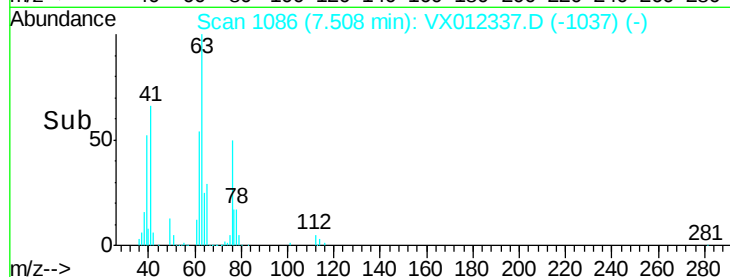
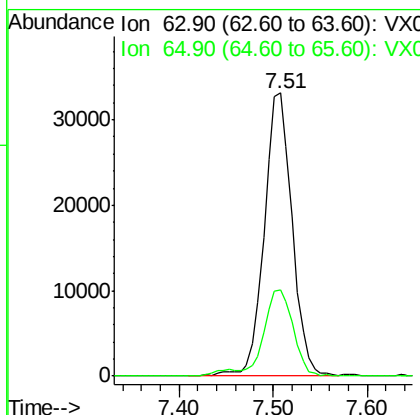
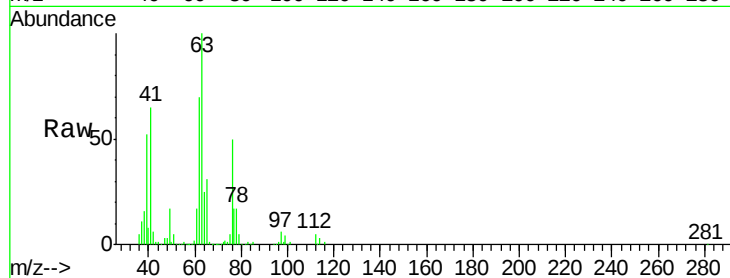
#45
 1,2-Dichloropropane
 Concen: 52.824 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.3	36.5

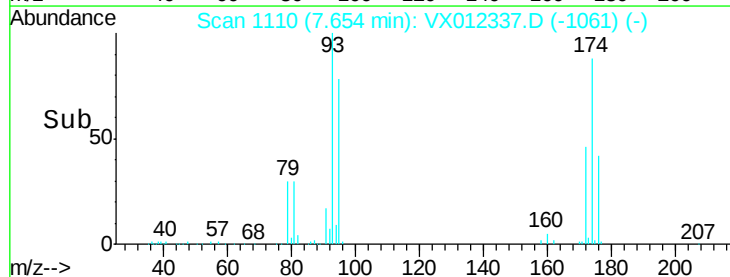
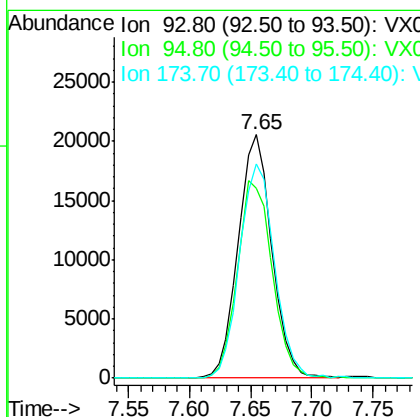
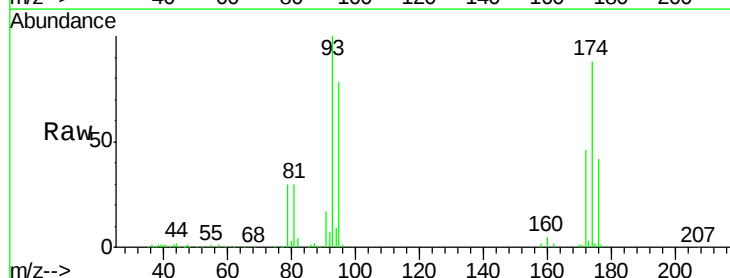
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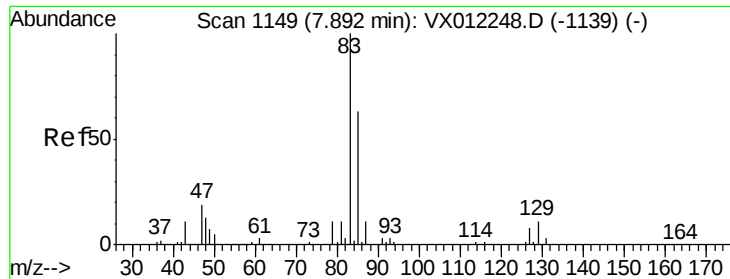
MMDadoda
 9/12/2019 9:26:55 AM



#46
 Dibromomethane
 Concen: 55.174 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	65.7	98.5
174	91.4	71.0	106.4





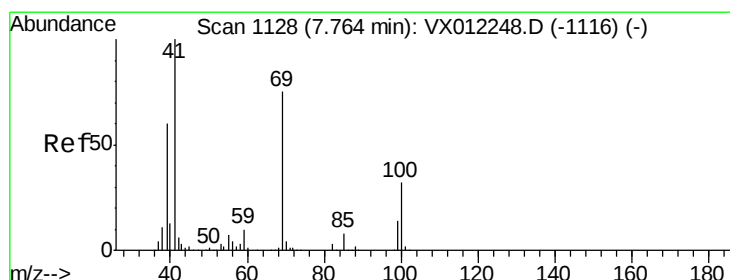
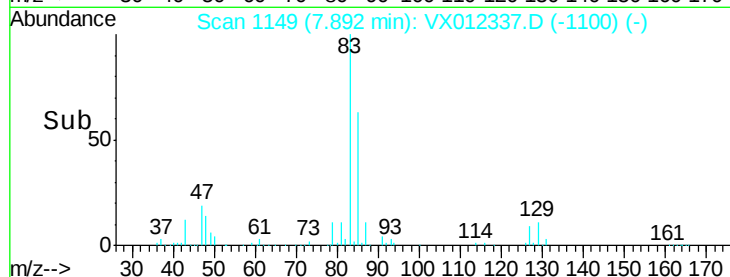
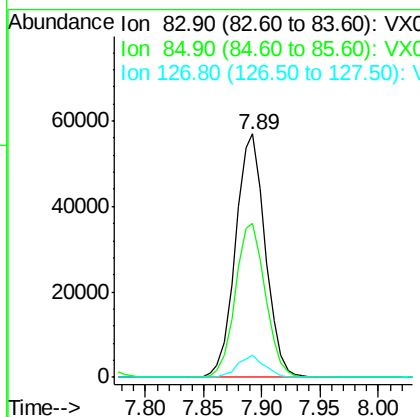
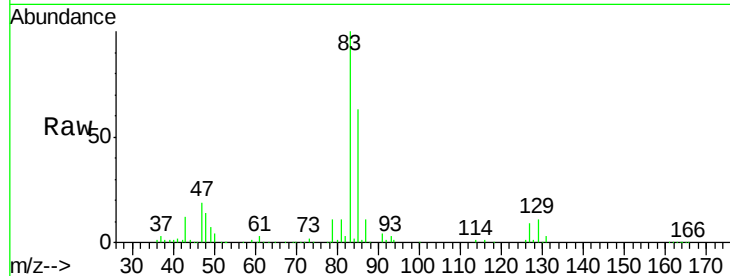
#47
Bromodichloromethane
Concen: 52.080 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	101399
Ion Ratio	100	Lower	Upper
83	100		
85	63.5	50.2	75.4
127	9.2	6.3	9.5

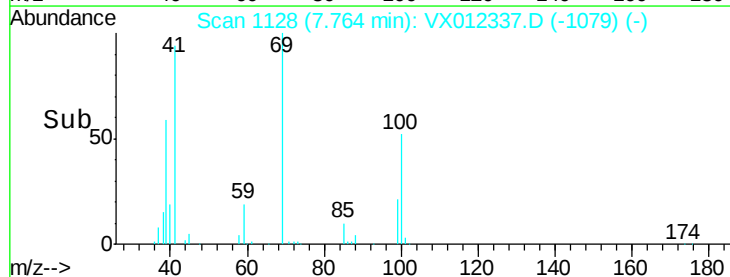
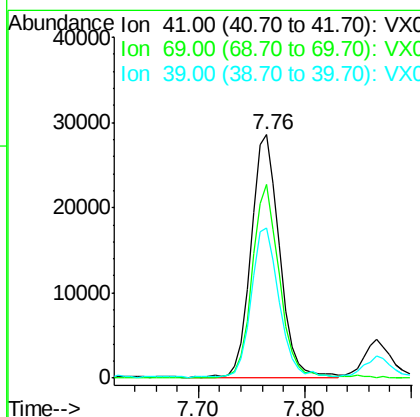
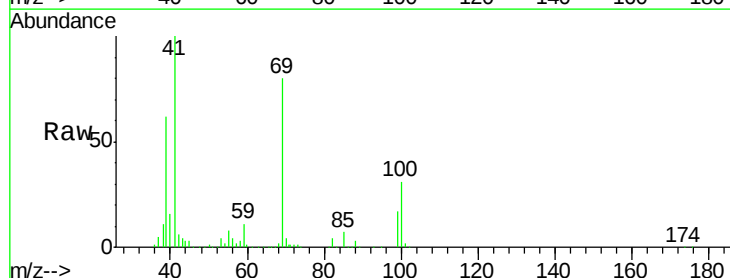
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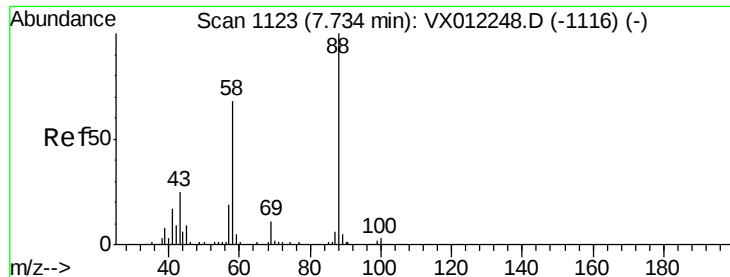
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#48
Methyl methacrylate
Concen: 54.568 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Tgt Ion	41	Resp	53043
Ion Ratio	100	Lower	Upper
41	100		
69	76.8	61.8	92.6
39	59.8	48.6	73.0





#49

1,4-Dioxane

Concen: 1217.673 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Instrument :

MSVOA_X

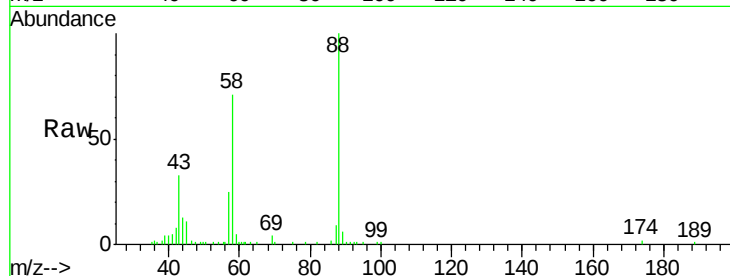
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	15972
Ion	Ratio	Lower	Upper
88	100		
43	38.7	31.0	46.4
58	75.6	61.5	92.3

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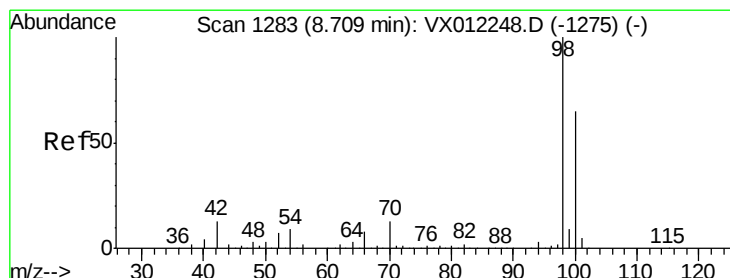
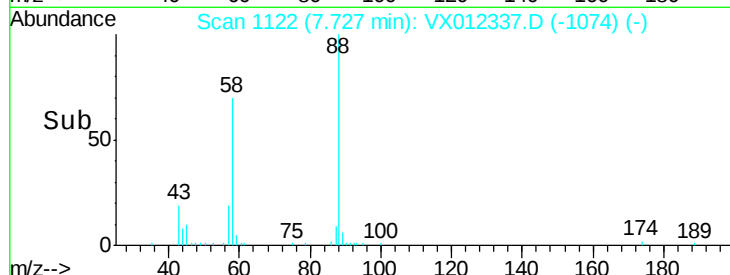
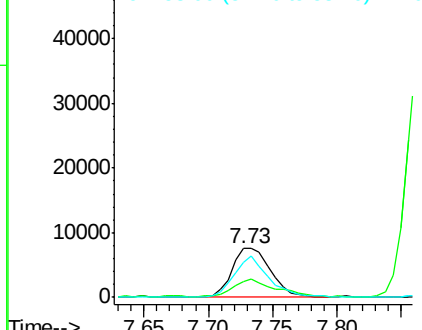


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 52.494 ug/l

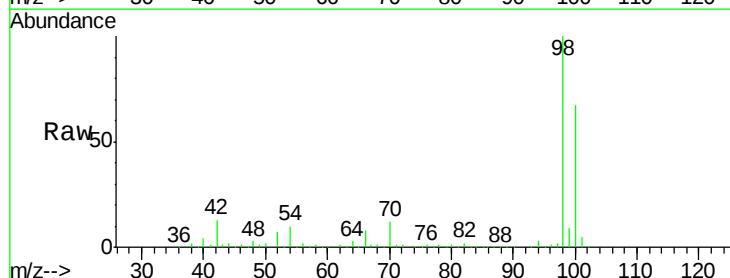
RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

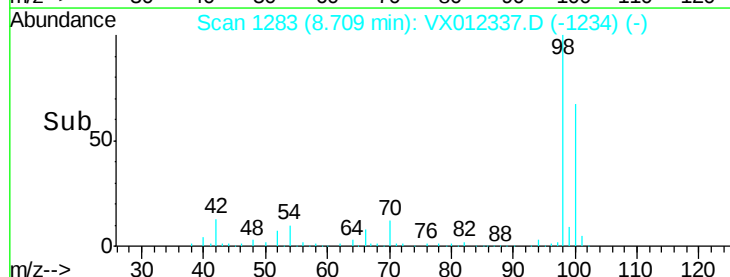
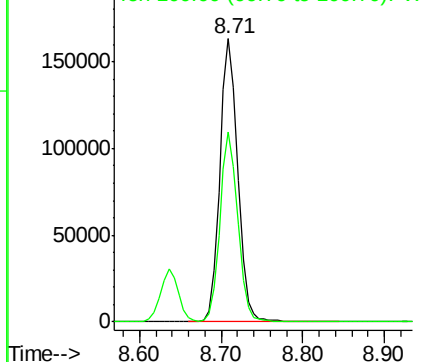
Tgt Ion:	98	Resp:	252220
Ion	Ratio	Lower	Upper
98	100		
100	66.8	54.1	81.1

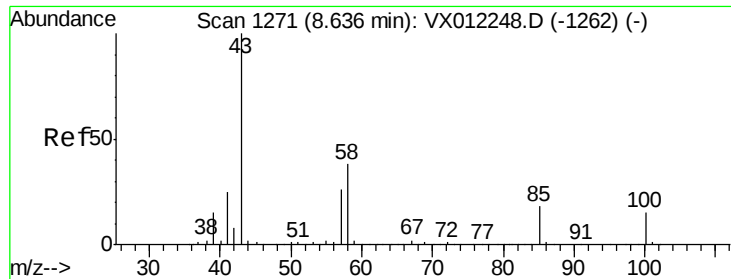


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 278.445 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 298440

Ion Ratio Lower Upper

43 100

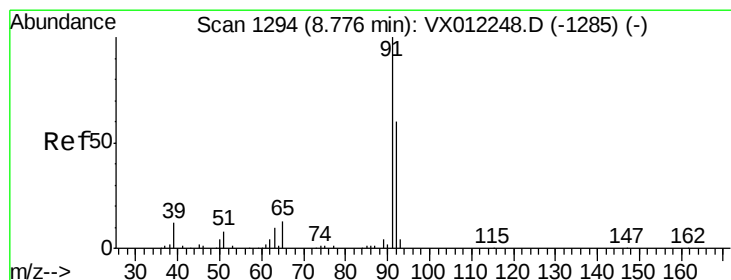
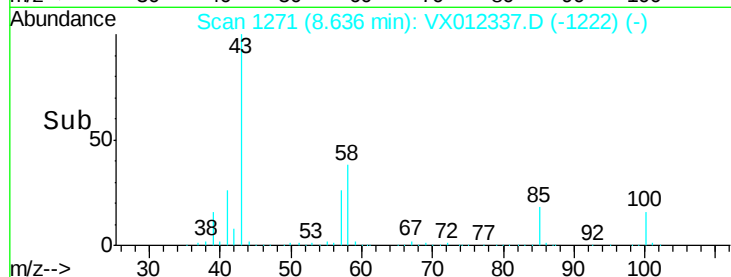
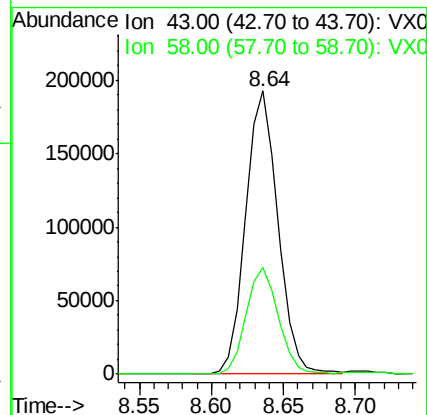
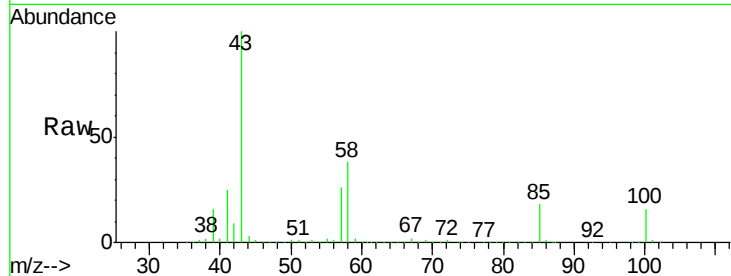
58 37.6 30.1 45.1

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#52

Toluene

Concen: 52.108 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX012337.D

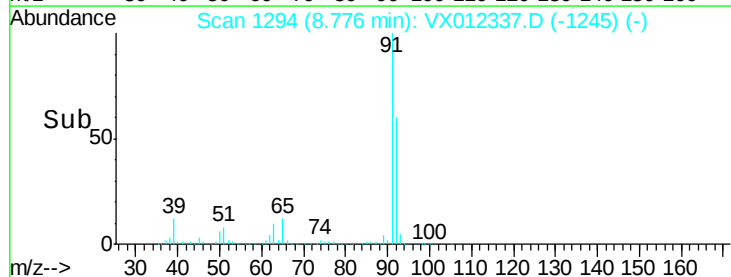
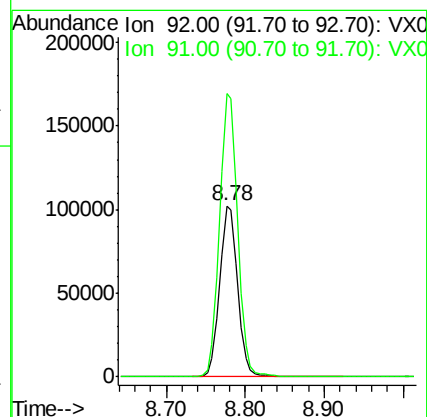
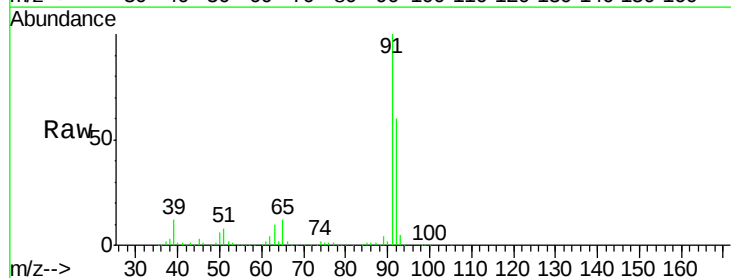
Acq: 12 Sep 2019 08:22

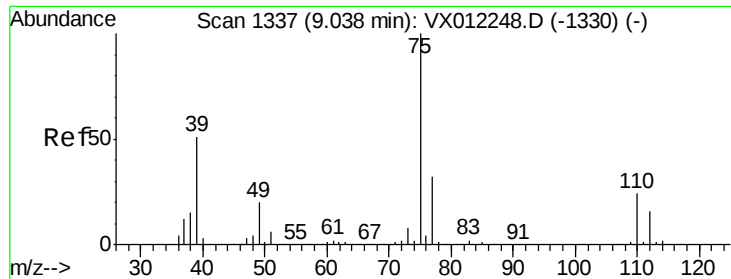
Tgt Ion: 92 Resp: 162320

Ion Ratio Lower Upper

92 100

91 167.3 133.6 200.4





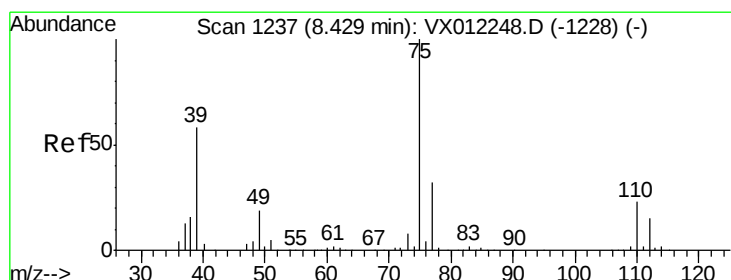
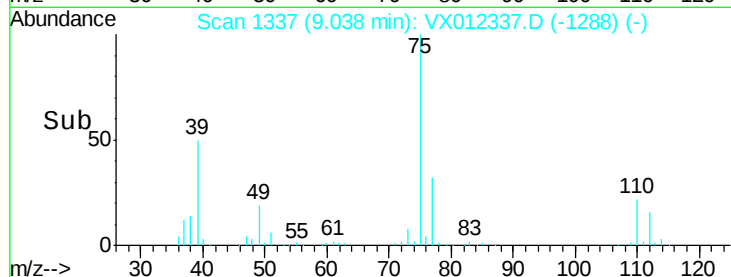
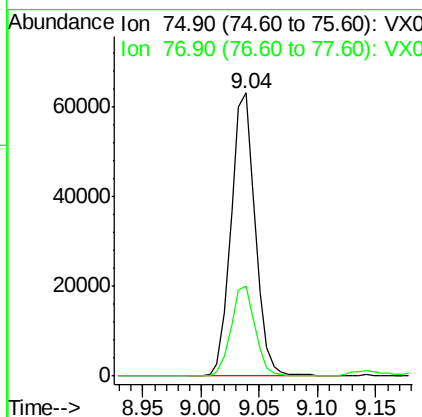
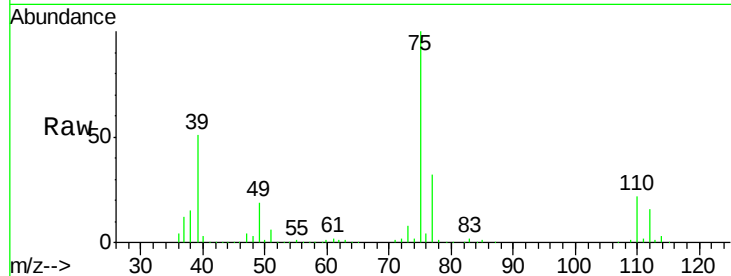
#53
t-1,3-Dichloropropene
Concen: 46.904 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 91148
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6

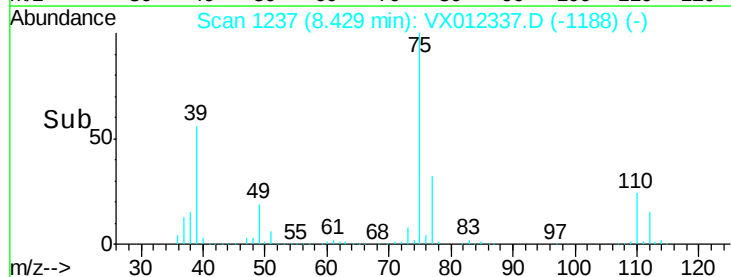
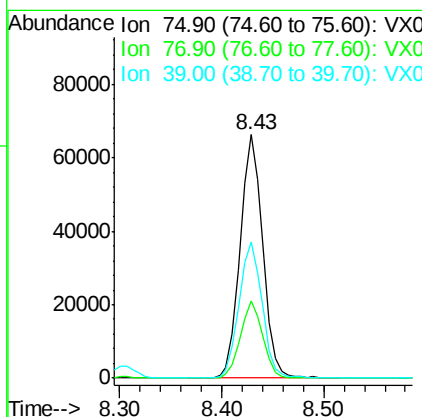
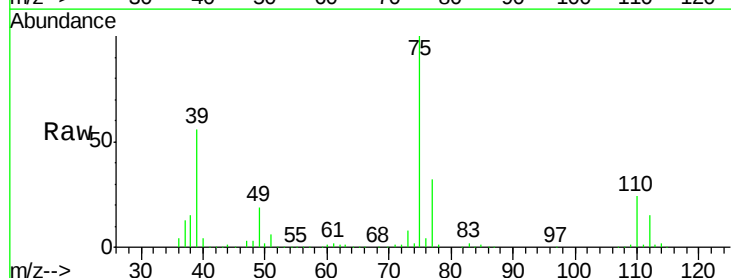
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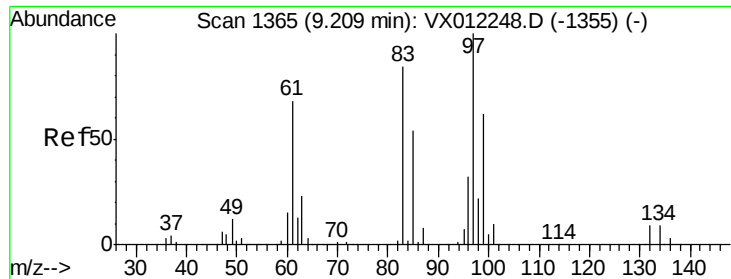
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#54
cis-1,3-Dichloropropene
Concen: 46.968 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Tgt Ion: 75 Resp: 101210
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2
39 55.5 46.5 69.7





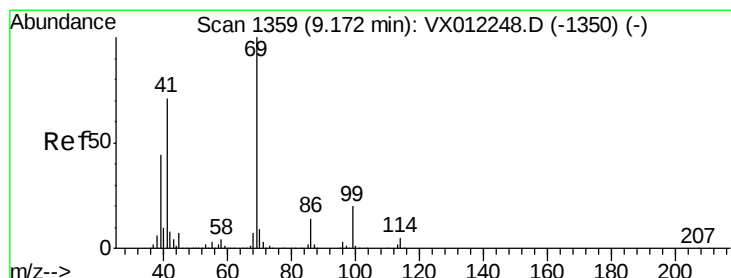
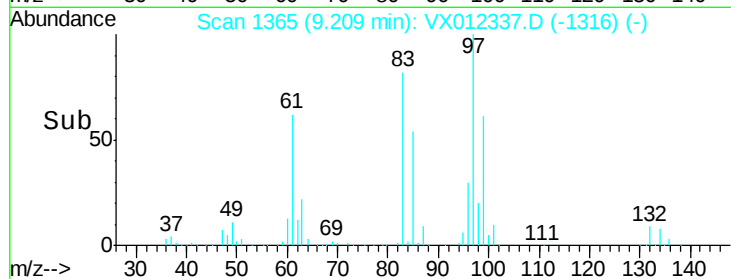
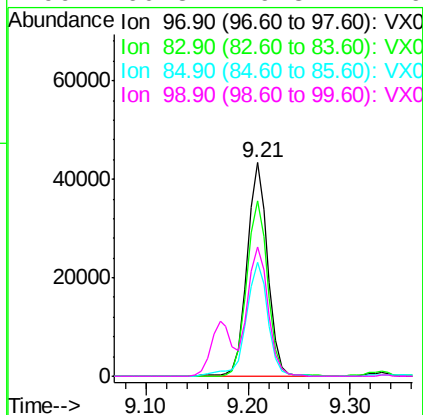
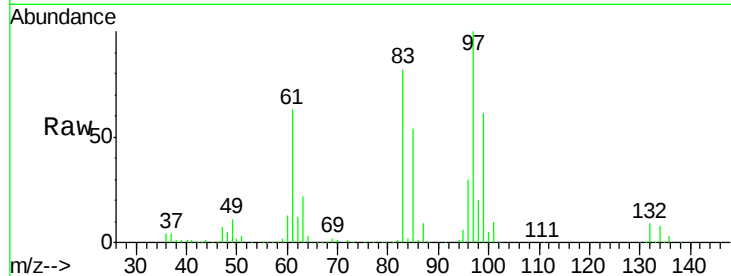
#55
 1,1,2-Trichloroethane
 Concen: 55.205 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	61019
Ion	Ratio	Lower	Upper
97	100		
83	81.9	67.4	101.2
85	53.5	43.4	65.2
99	60.8	49.8	74.6

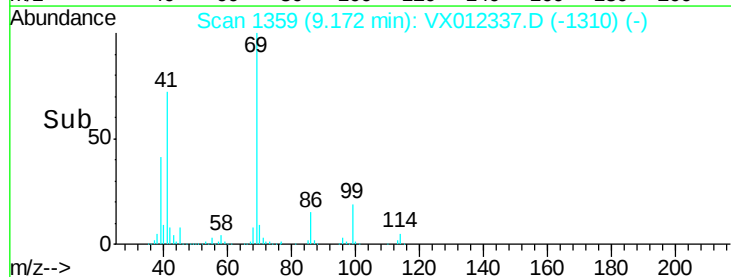
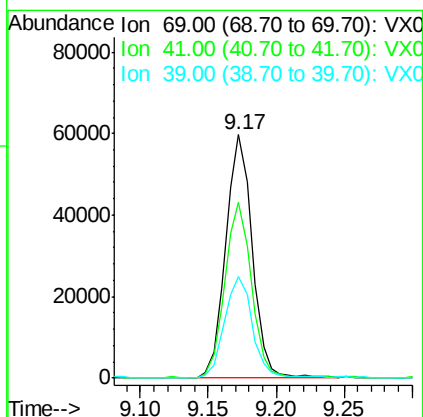
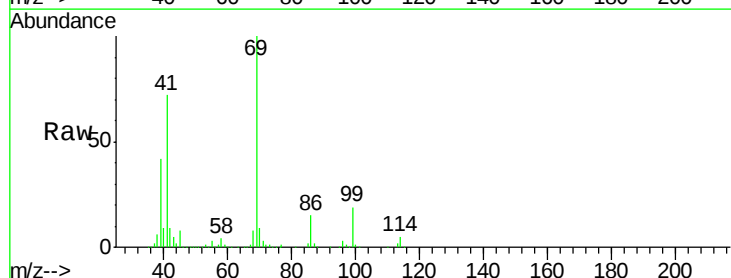
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#56
 Ethyl methacrylate
 Concen: 54.366 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Tgt Ion:	69	Resp:	81363
Ion	Ratio	Lower	Upper
69	100		
41	72.4	57.7	86.5
39	42.0	34.0	51.0





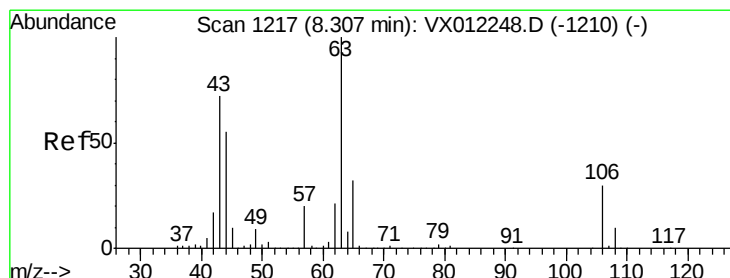
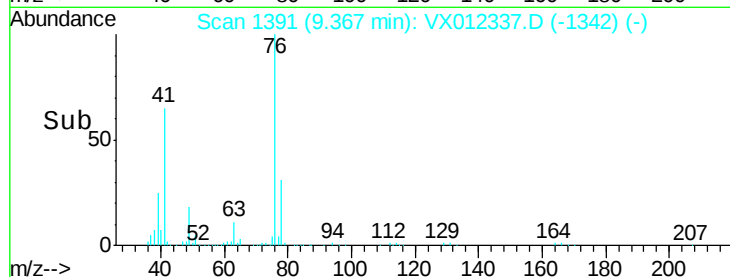
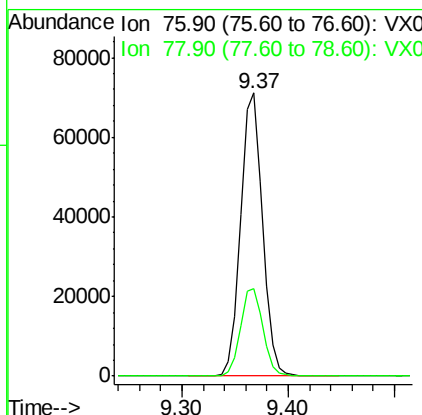
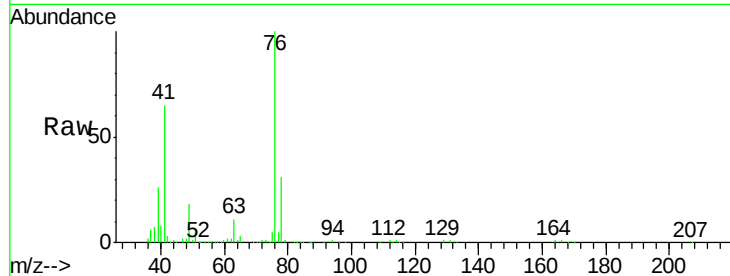
#57
 1,3-Dichloropropane
 Concen: 54.666 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	26.0	39.0

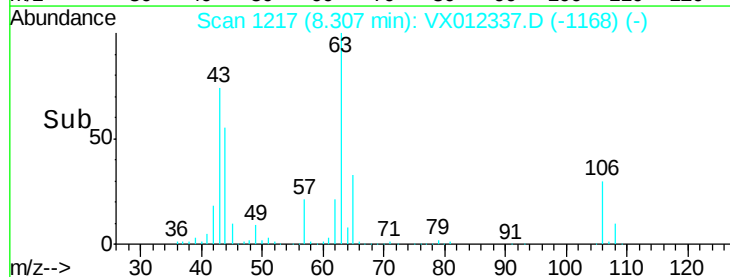
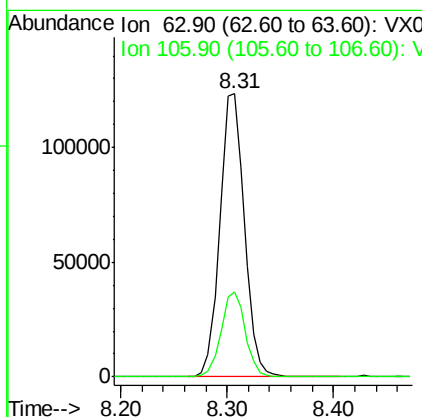
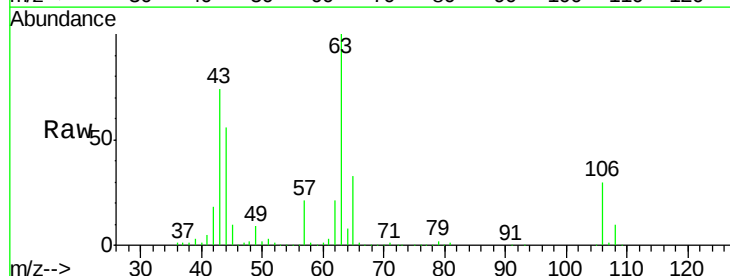
Manual Integrations
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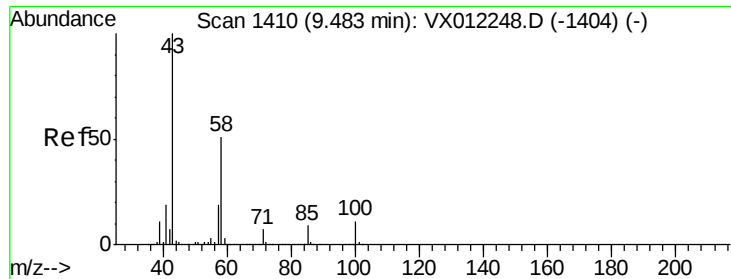
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#58
 2-Chloroethyl Vinyl ether
 Concen: 258.153 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.4	35.2





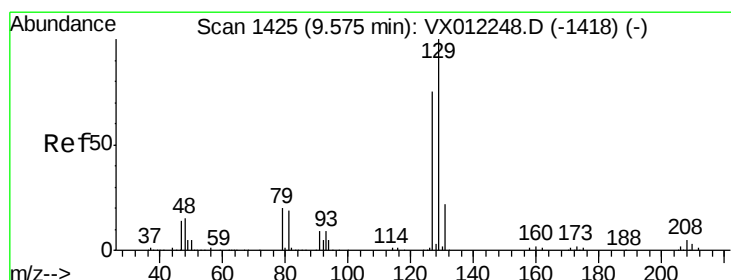
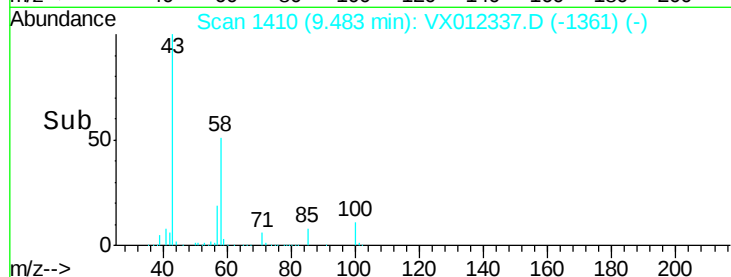
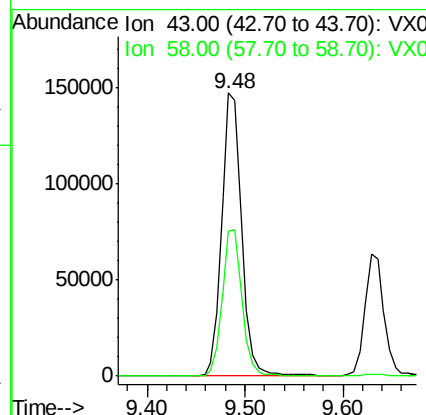
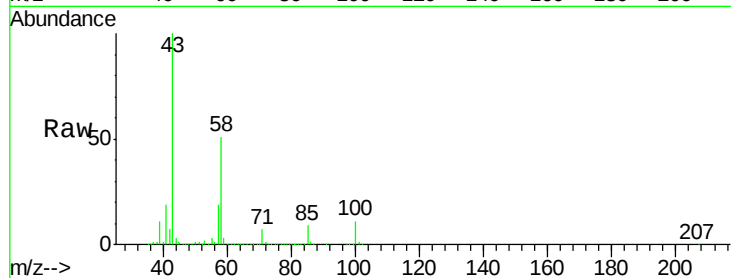
#59
2-Hexanone
Concen: 278.593 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 207618
Ion Ratio Lower Upper
43 100
58 51.7 25.8 77.3

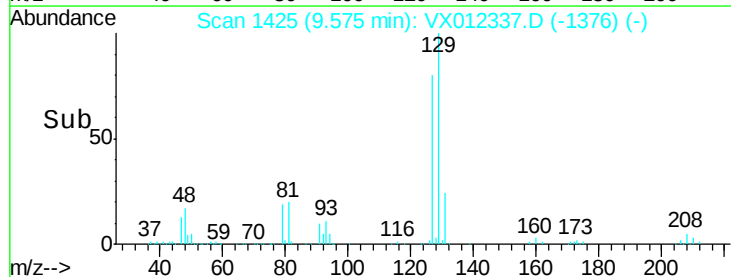
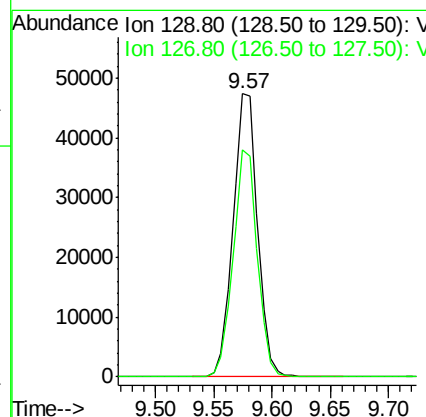
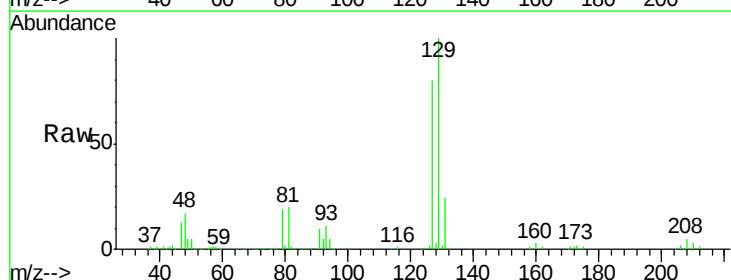
Manual Integrations
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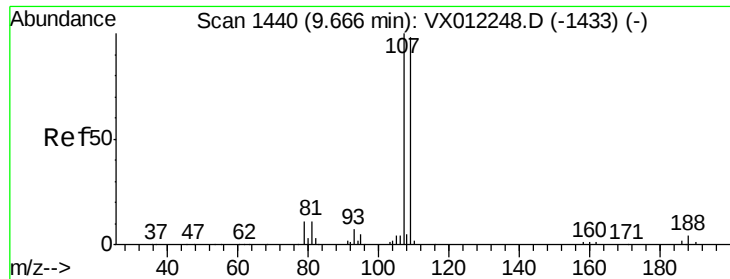
MMDadoda
9/12/2019 9:26:55 AM



#60
Dibromochloromethane
Concen: 53.825 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Tgt Ion: 129 Resp: 69454
Ion Ratio Lower Upper
129 100
127 79.1 38.1 114.3





#61

1,2-Dibromoethane

Concen: 54.053 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 55615

Ion Ratio Lower Upper

107 100

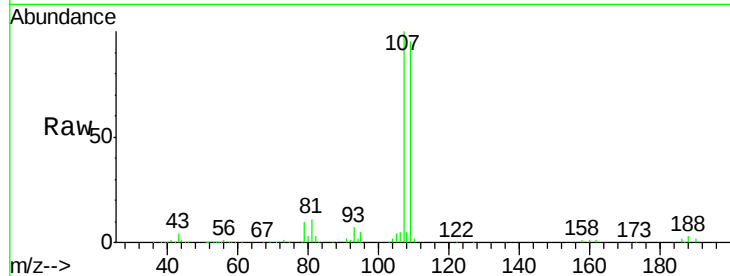
109 94.9 76.3 114.5

Manual Integrations

APPROVED

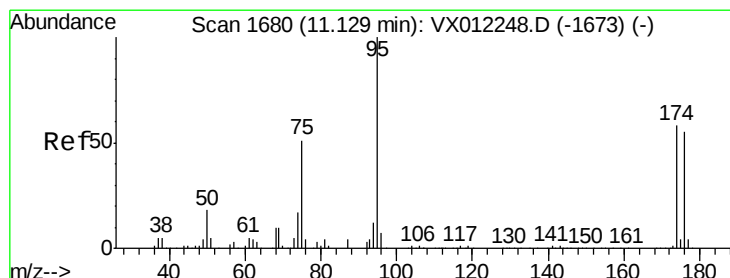
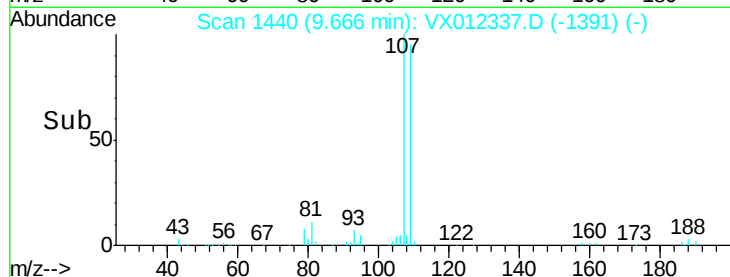
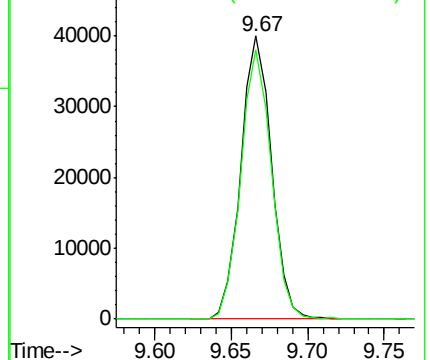
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.208 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

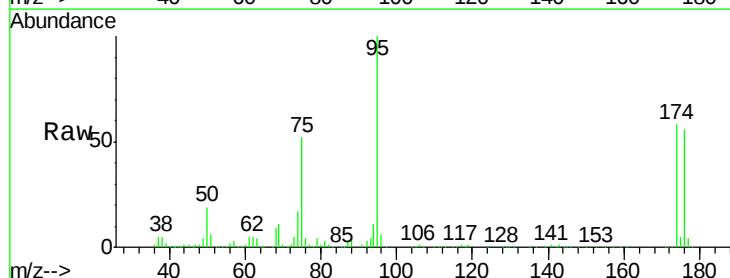
Tgt Ion: 95 Resp: 107383

Ion Ratio Lower Upper

95 100

174 67.0 0.0 127.0

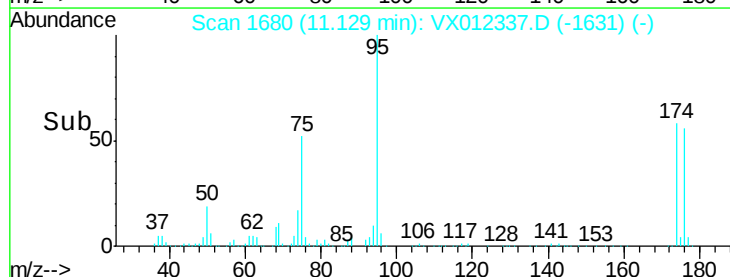
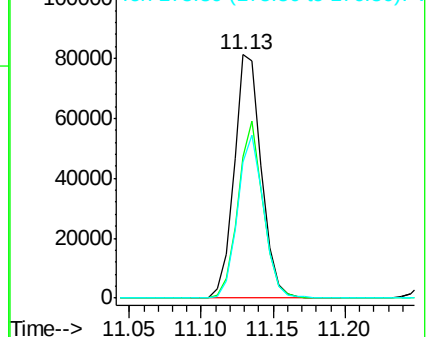
176 63.7 0.0 125.8

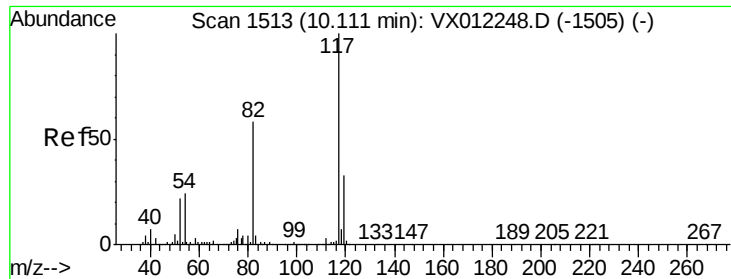


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





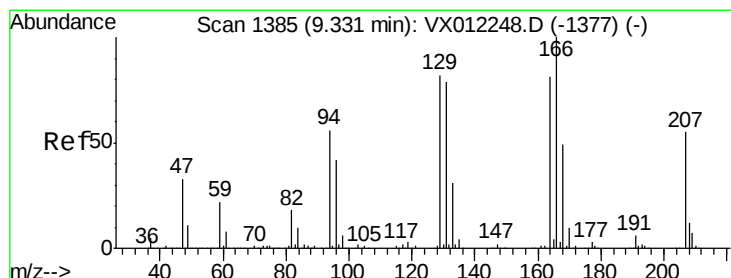
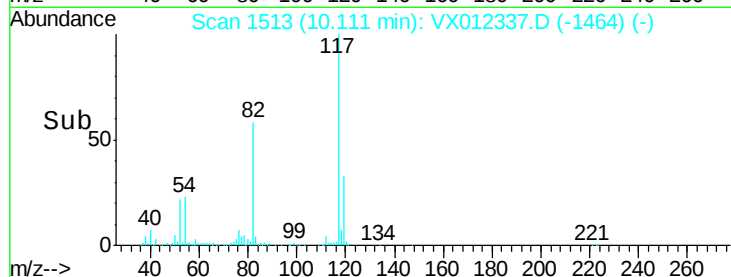
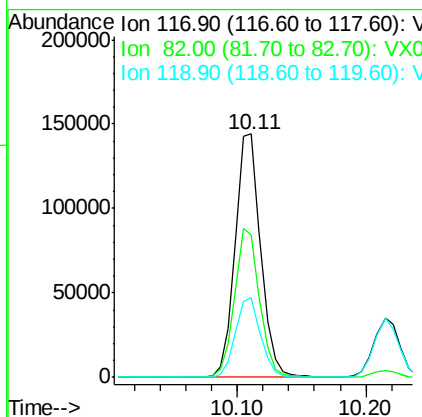
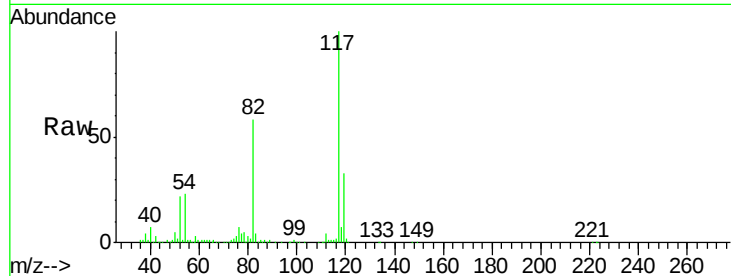
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	199459		
82	58.3	46.4	69.6	
119	32.6	26.6	39.8	

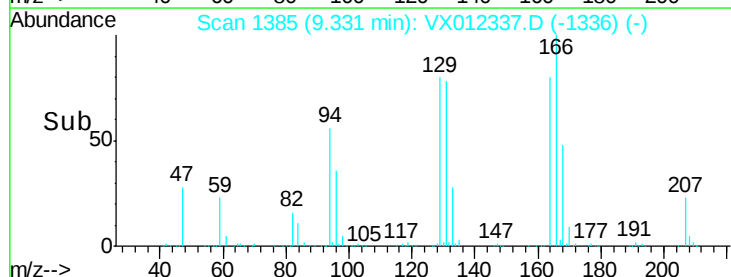
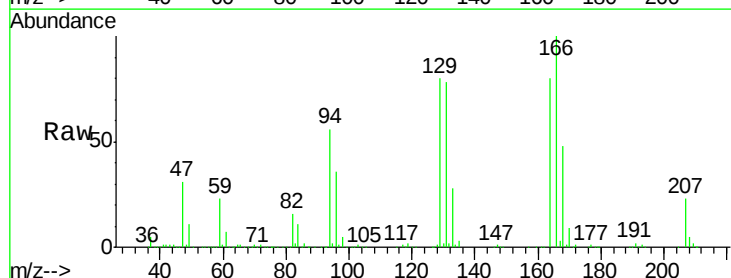
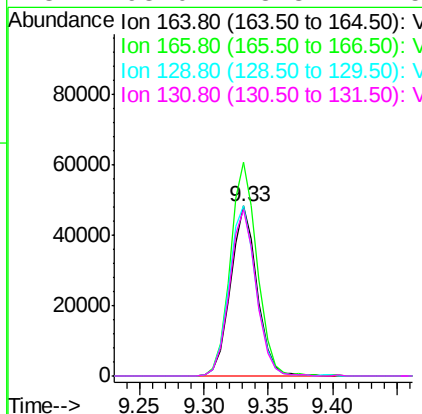
Manual Integrations
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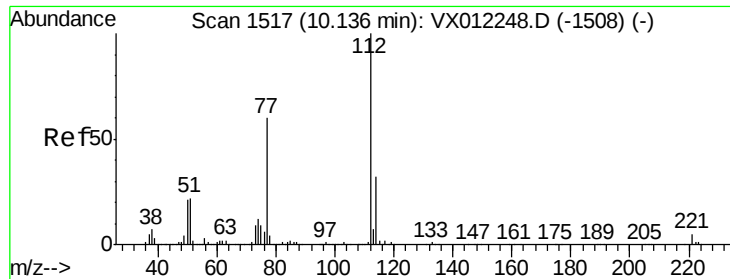
MMDadoda
9/12/2019 9:26:55 AM



#64
Tetrachloroethene
Concen: 65.712 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	69318		
166	125.7	99.4	149.0	
129	100.5	81.8	122.8	
131	98.0	78.3	117.5	





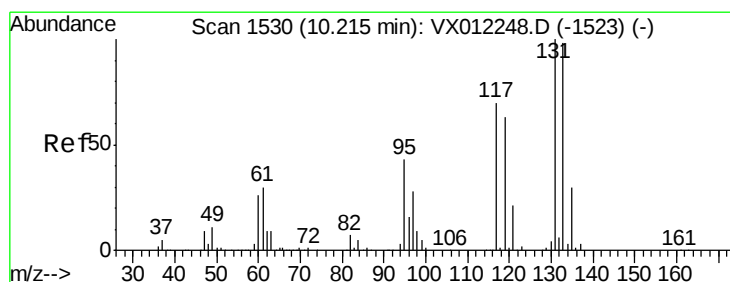
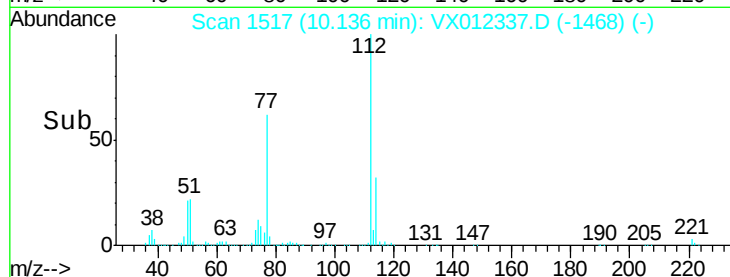
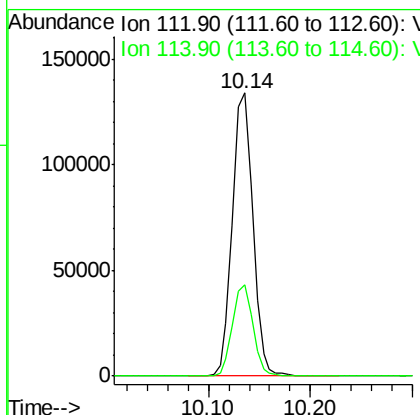
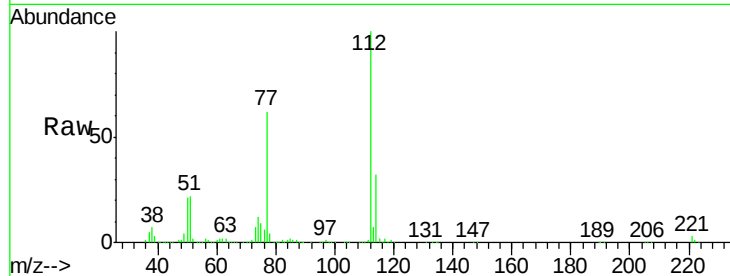
#65
Chlorobenzene
Concen: 51.248 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.4	38.0

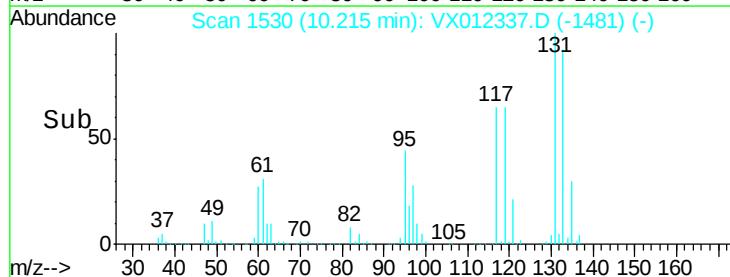
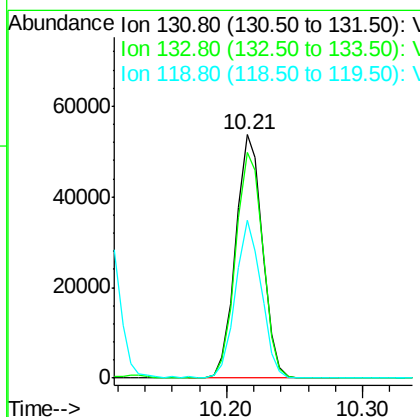
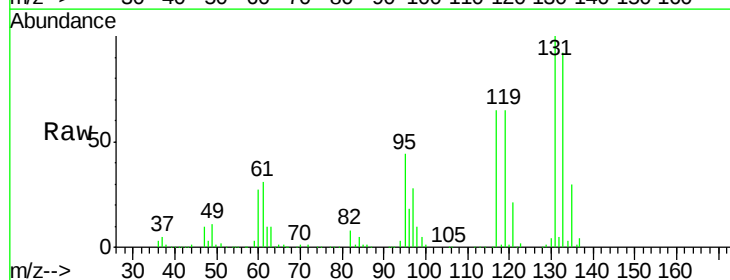
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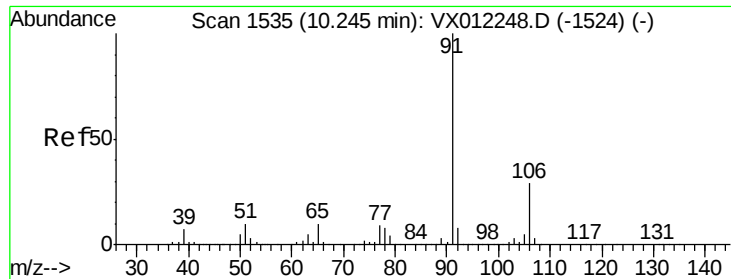
MMDadoda
9/12/2019 9:26:55 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.308 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	48.0	144.2
119	62.9	31.6	95.0





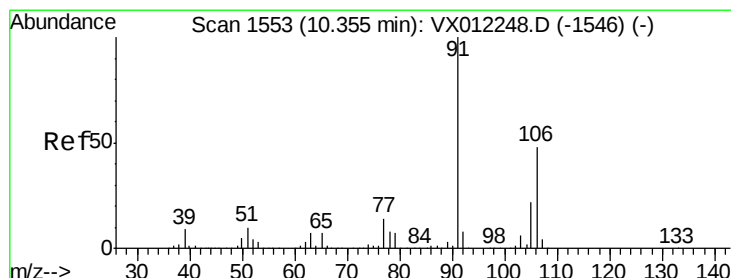
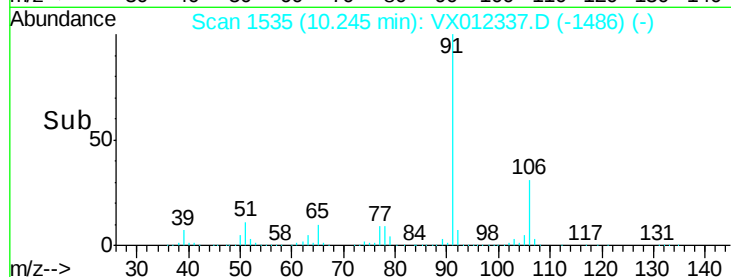
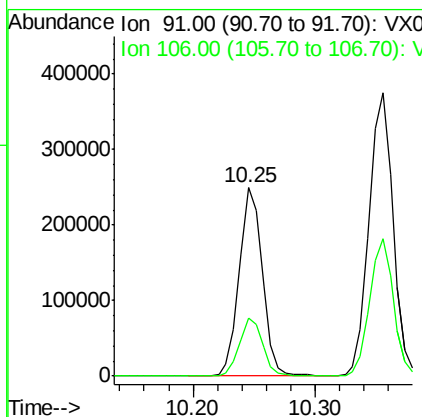
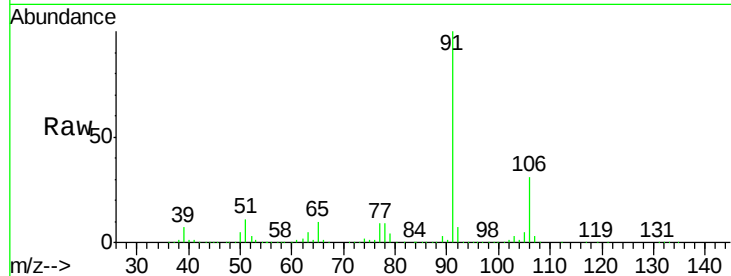
#67
Ethyl Benzene
Concen: 50.486 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 327251
Ion Ratio Lower Upper
91 100
106 30.5 23.1 34.7

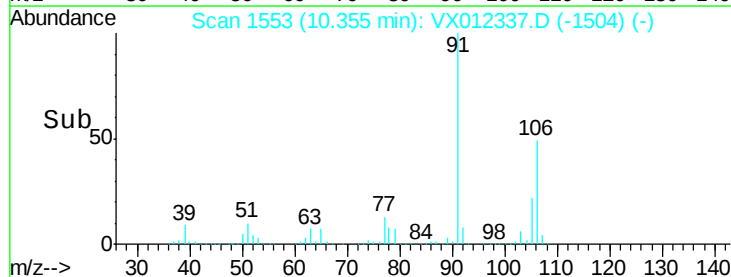
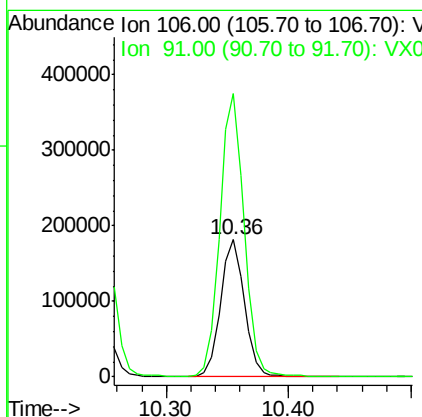
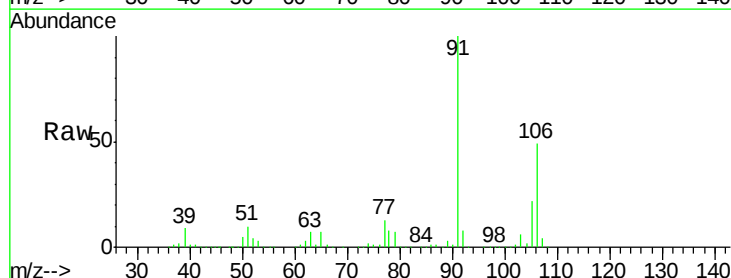
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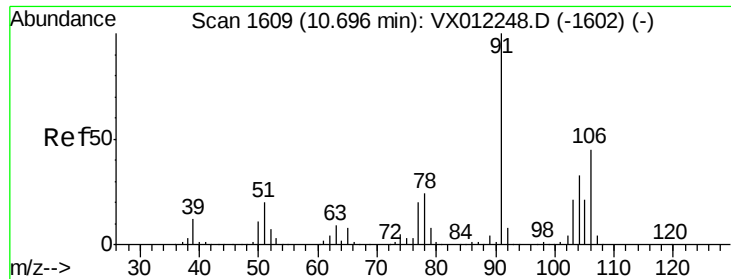
MMDadoda
9/12/2019 9:26:55 AM



#68
m/p-Xylenes
Concen: 103.249 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Tgt Ion: 106 Resp: 246362
Ion Ratio Lower Upper
106 100
91 208.7 167.0 250.6





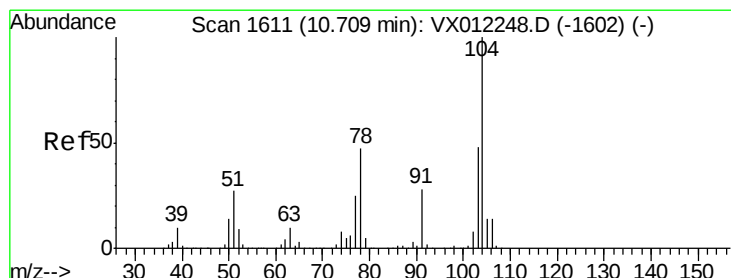
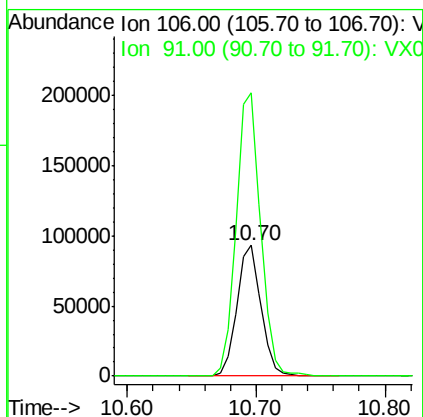
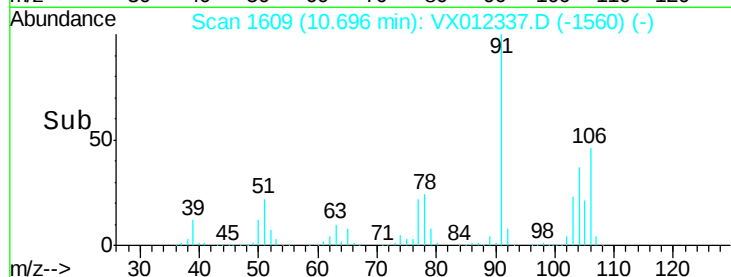
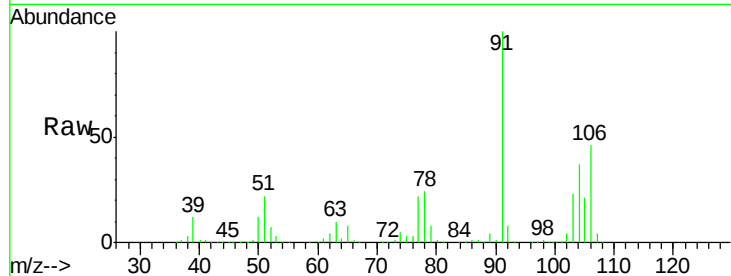
#69
o-Xylene
Concen: 51.735 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 120927
Ion Ratio Lower Upper
106 100
91 221.1 110.5 331.4

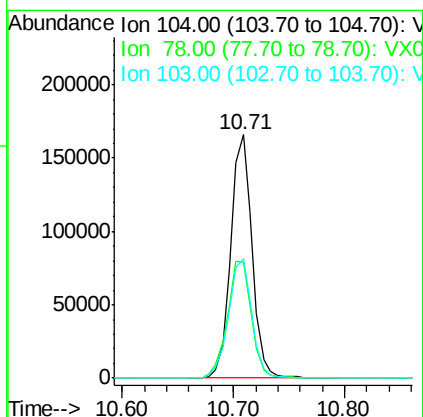
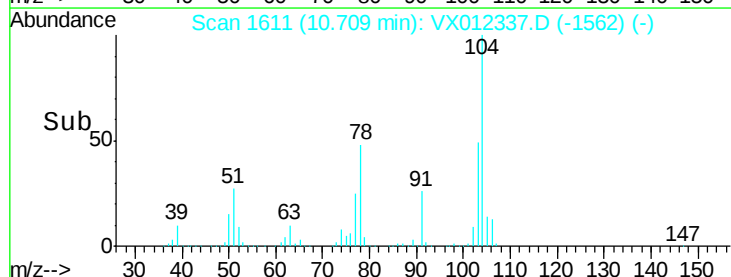
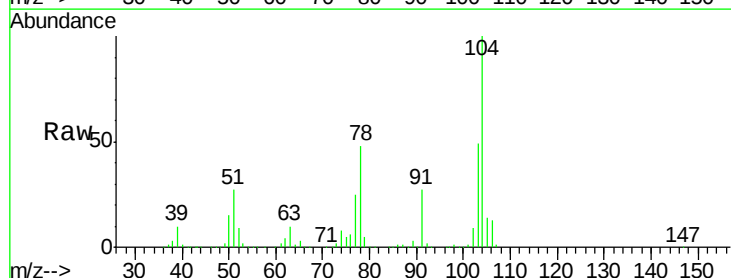
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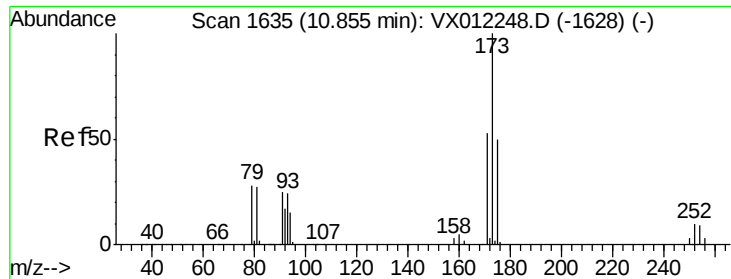
MMDadoda
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#70
Styrene
Concen: 52.779 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Tgt Ion:104 Resp: 218793
Ion Ratio Lower Upper
104 100
78 54.8 44.2 66.2
103 53.7 42.5 63.7





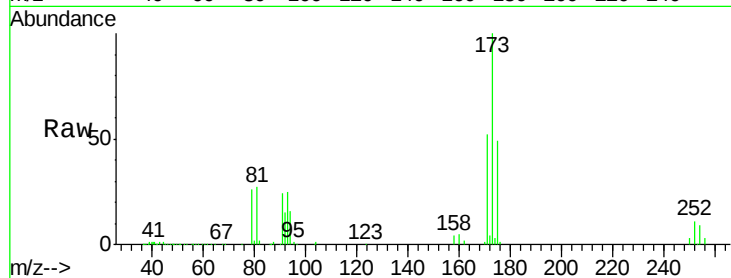
#71
Bromoform
Concen: 53.549 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

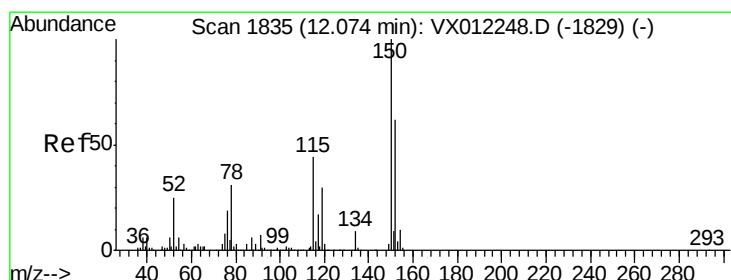
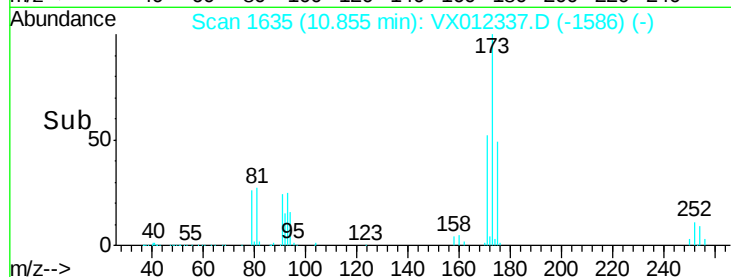
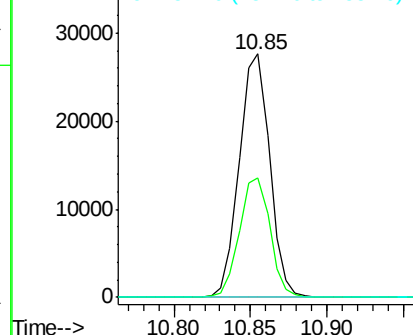
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.5	73.5
254	0.0	0.2	0.4

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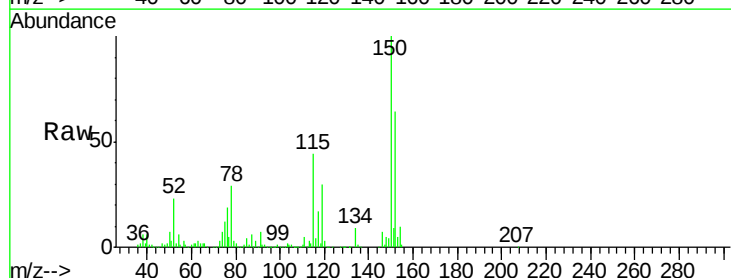


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

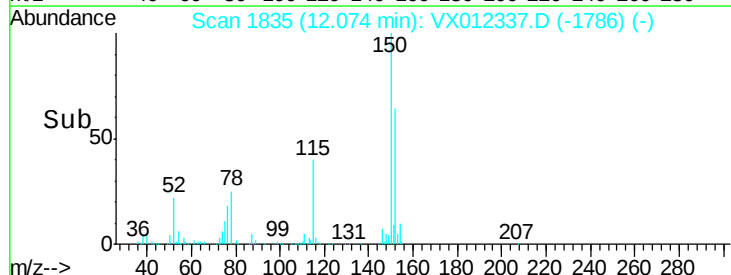
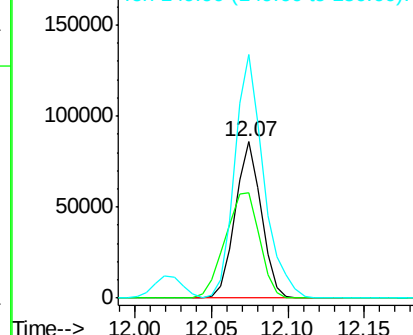


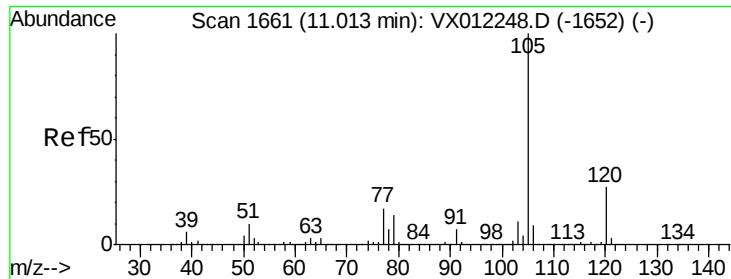
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	89.5	45.5	136.4
150	172.9	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: 48.517 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 323715

Ion Ratio Lower Upper

105 100

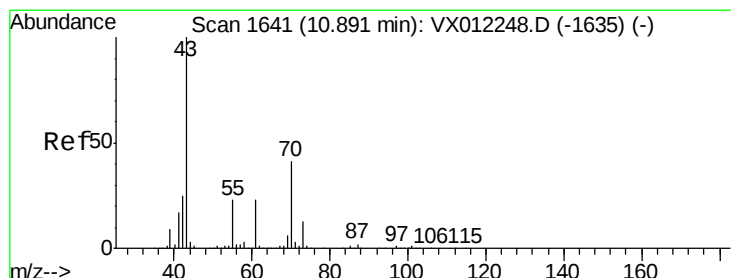
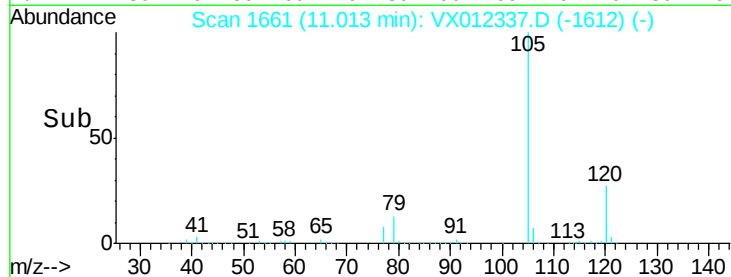
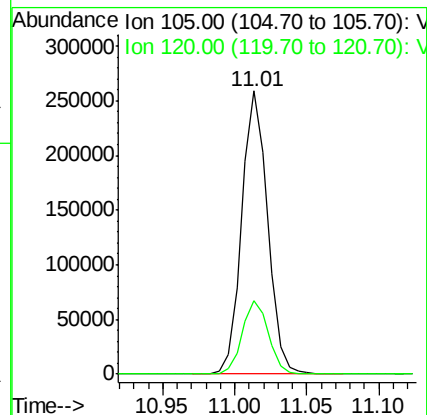
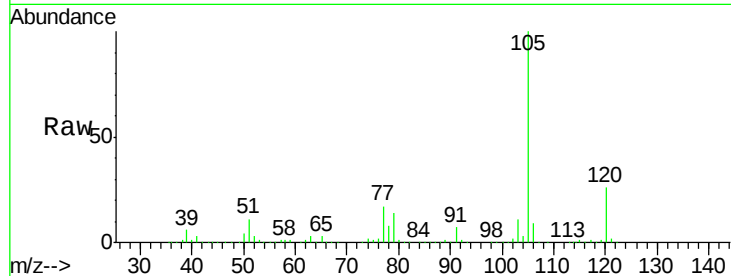
120 26.3 13.2 39.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 43.244 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Tgt Ion: 43 Resp: 85789

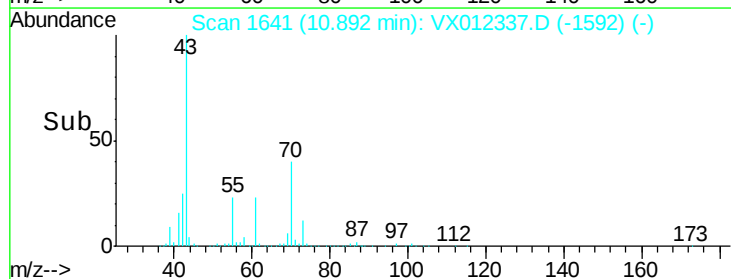
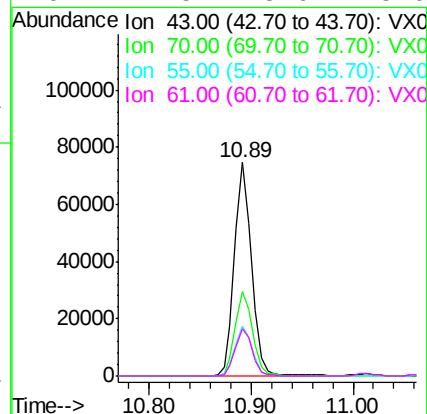
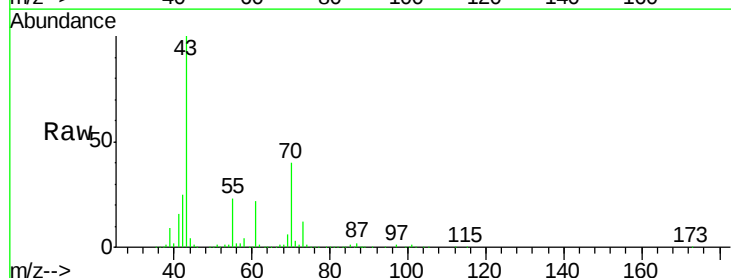
Ion Ratio Lower Upper

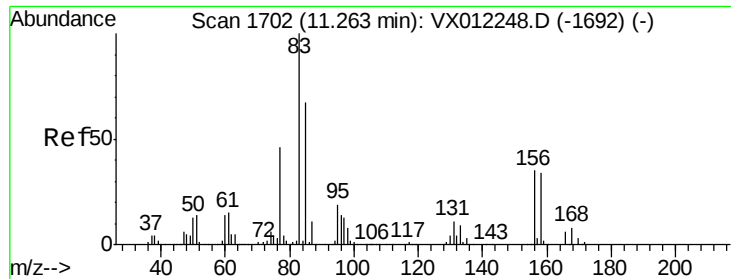
43 100

70 40.7 32.9 49.3

55 23.5 19.1 28.7

61 22.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.665 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Instrument :

MSVOA_X

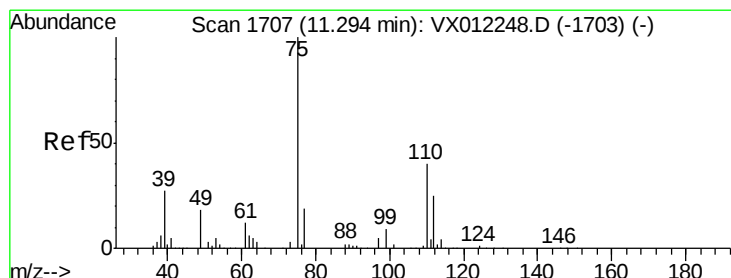
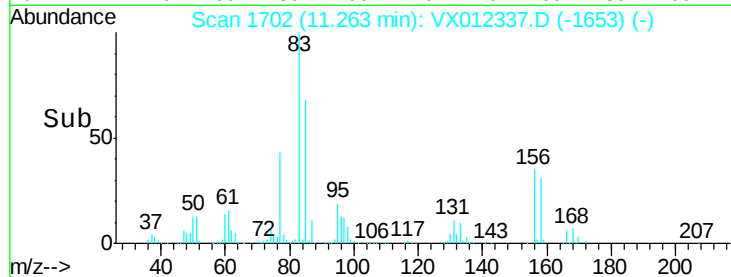
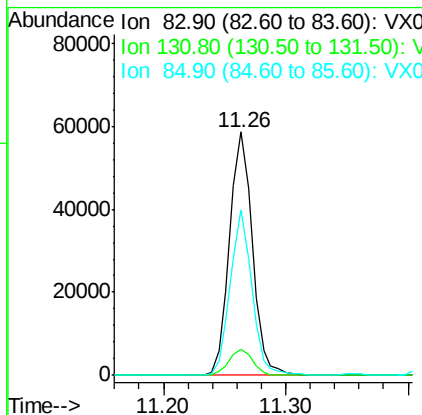
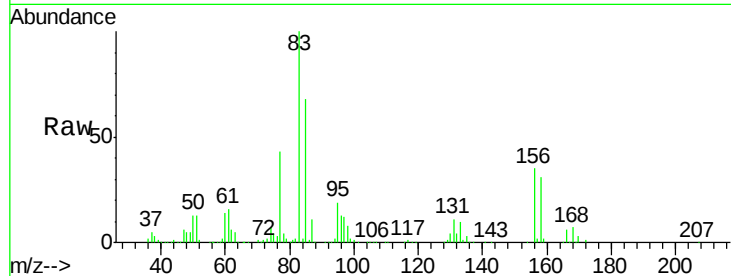
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	75467
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	64.8	32.8	98.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.828 ug/l m

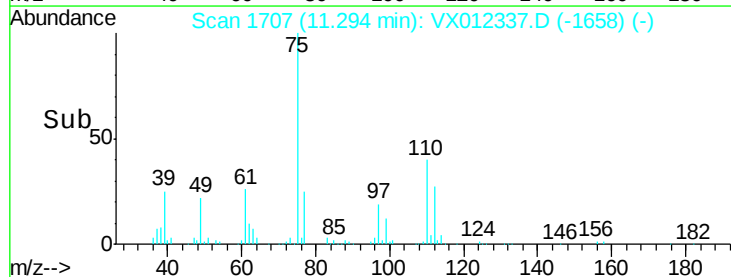
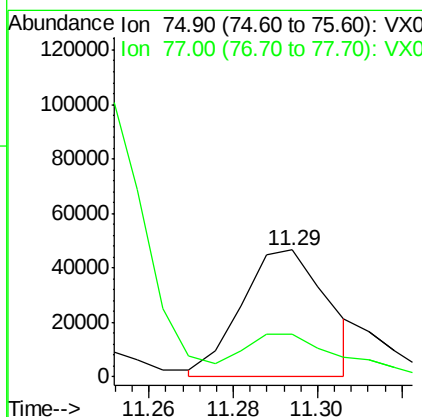
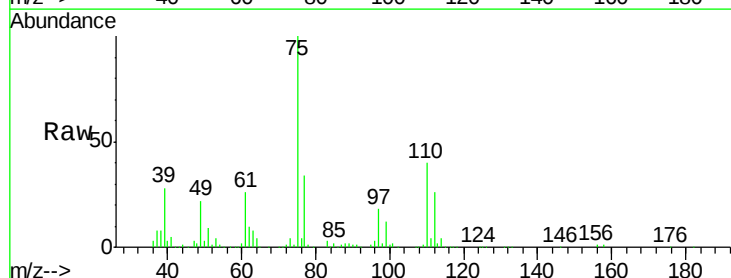
RT: 11.29 min Scan# 1707

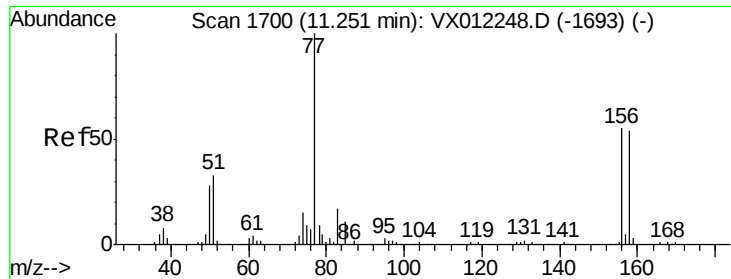
Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Tgt Ion:	75	Resp:	66177
Ion Ratio	Lower	Upper	
75	100		
77	38.2	19.7	59.0





#77

Bromobenzene

Concen: 52.780 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 81078

Ion Ratio Lower Upper

156 100

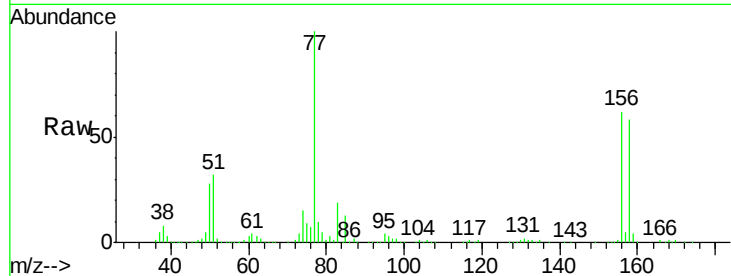
77 178.2 92.2 276.6

158 97.0 48.8 146.3

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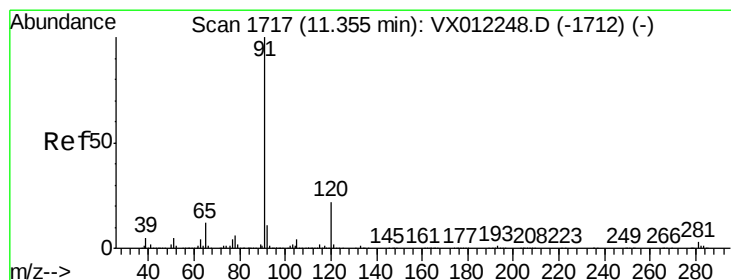
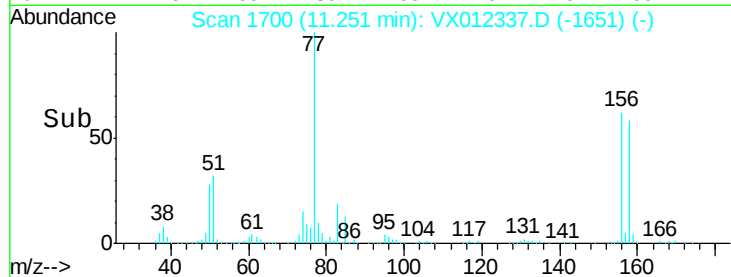
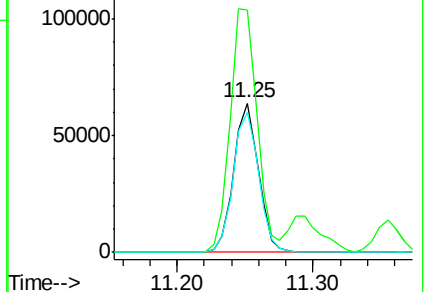
9/12/2019 9:26:55 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.941 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012337.D

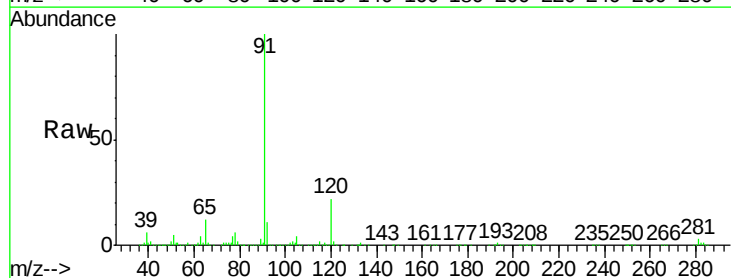
Acq: 12 Sep 2019 08:22

Tgt Ion: 91 Resp: 394332

Ion Ratio Lower Upper

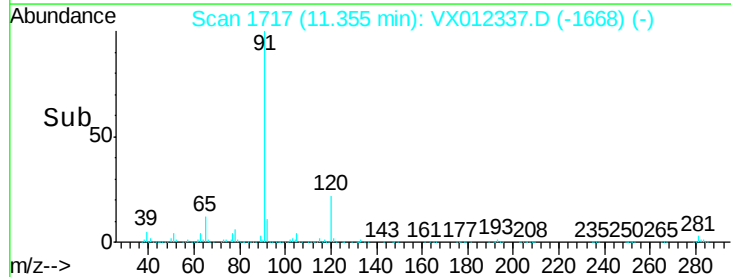
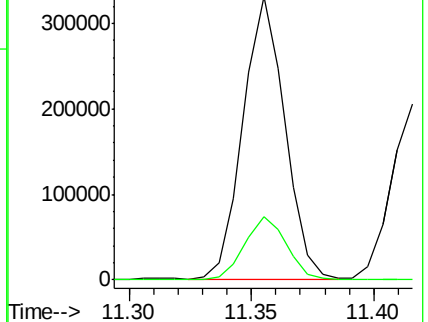
91 100

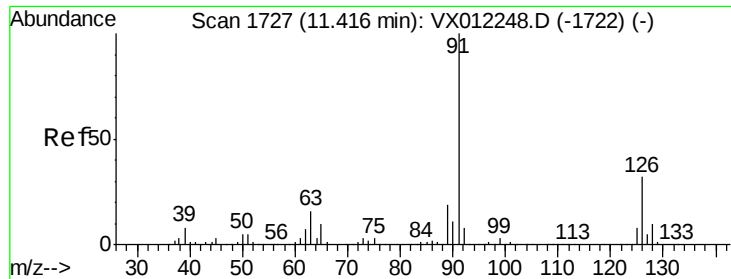
120 22.4 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





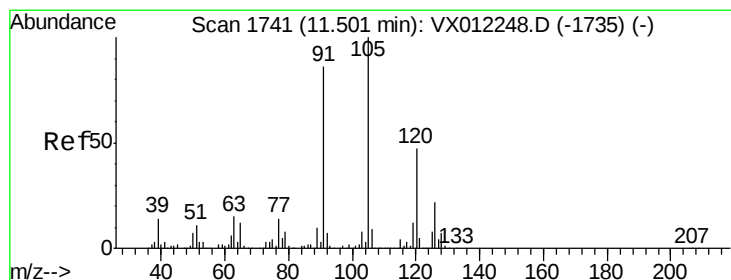
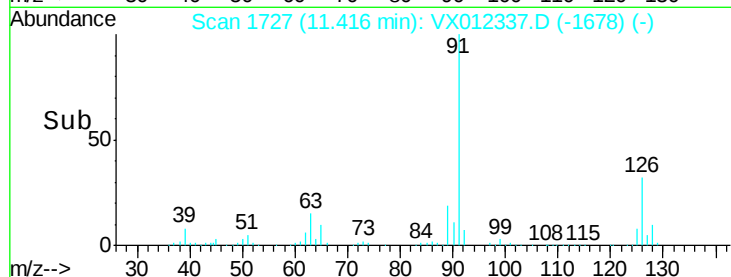
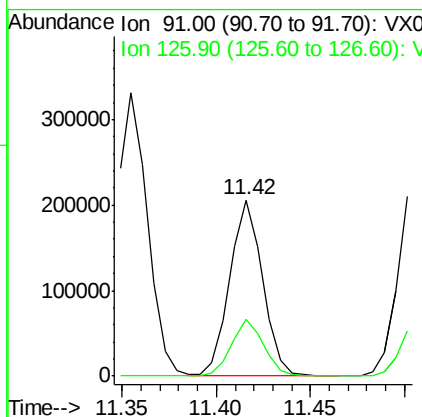
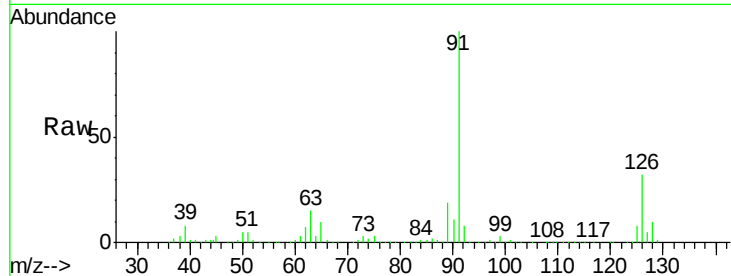
#79
 2-Chlorotoluene
 Concen: 49.712 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 248159
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.9 47.7

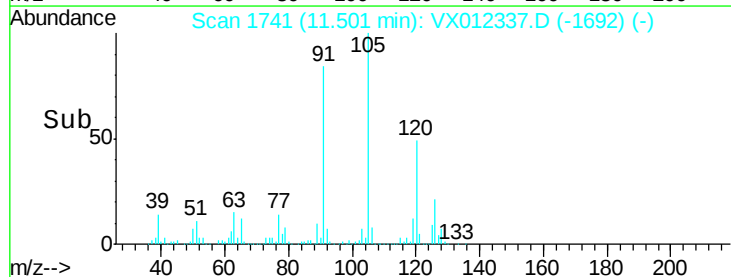
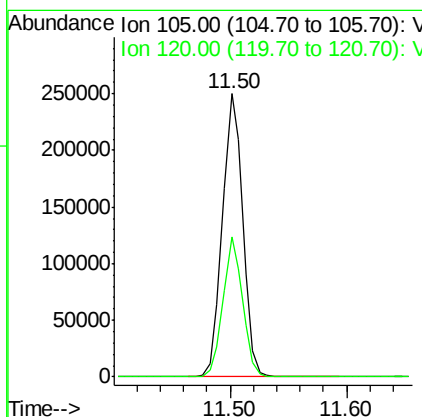
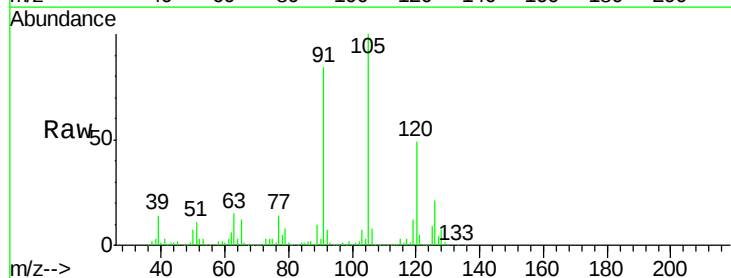
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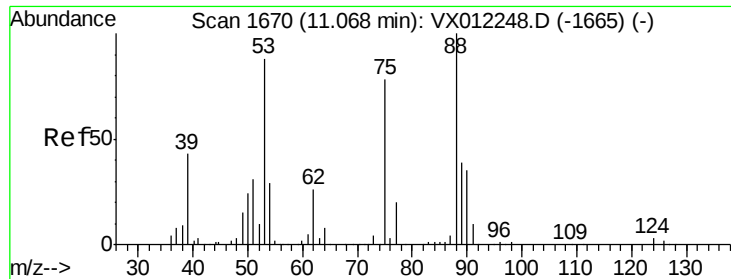
MMDadoda
 9/12/2019 9:26:55 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.202 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Tgt Ion: 105 Resp: 301222
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.7 71.1





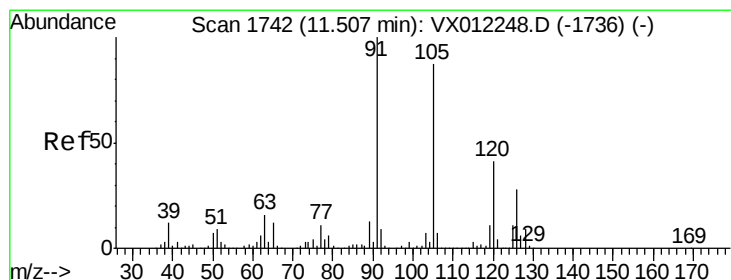
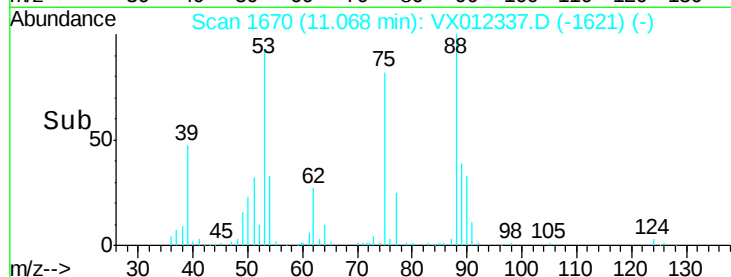
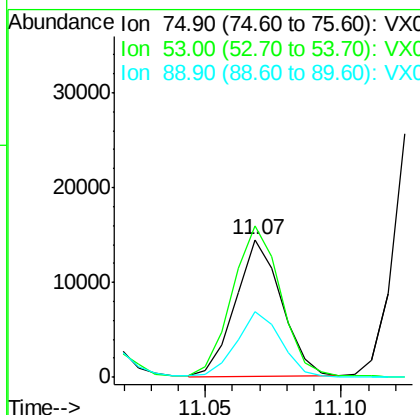
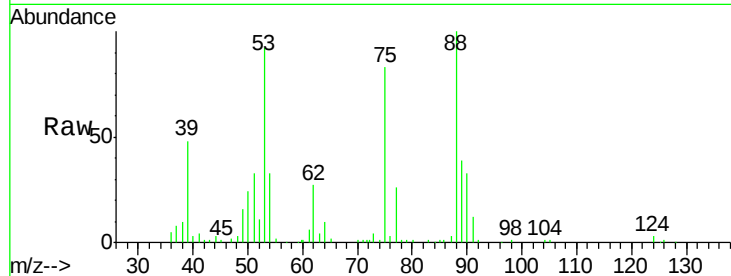
#81
trans-1,4-Dichloro-2-butene
Concen: 39.133 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	116.1	88.1	132.1
89	46.9	43.5	65.3

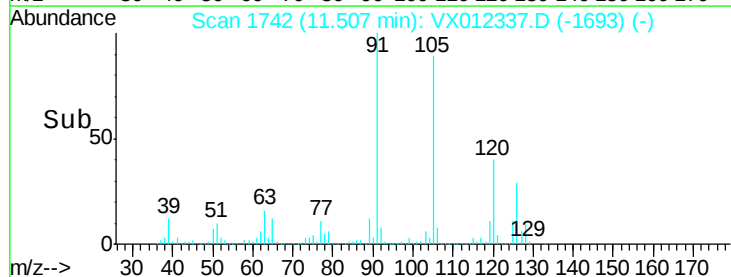
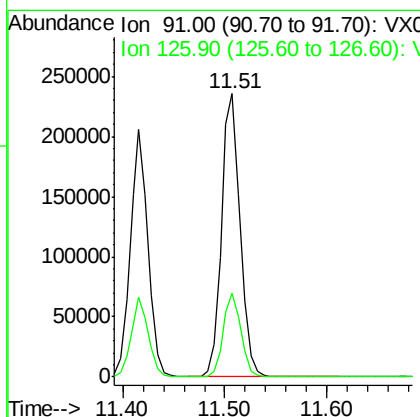
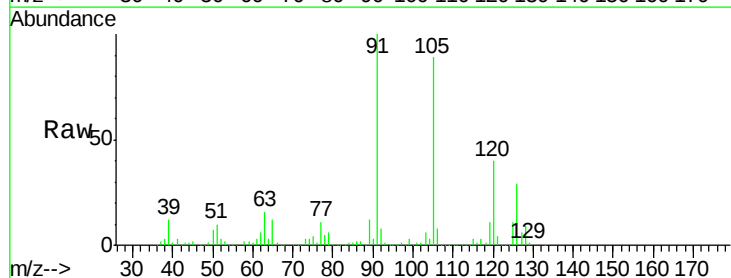
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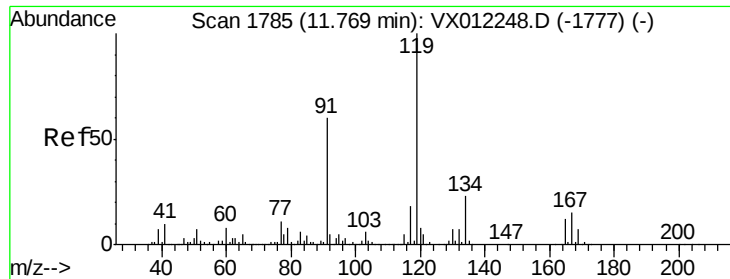
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#82
4-Chlorotoluene
Concen: 49.801 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.0	42.0





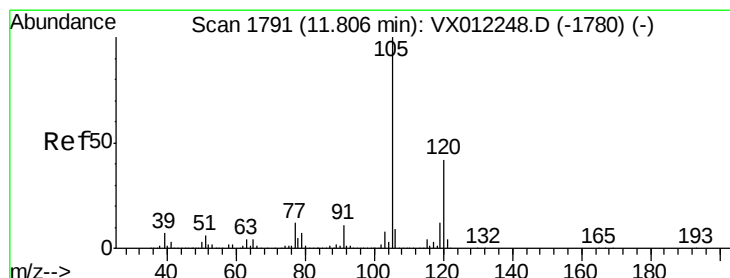
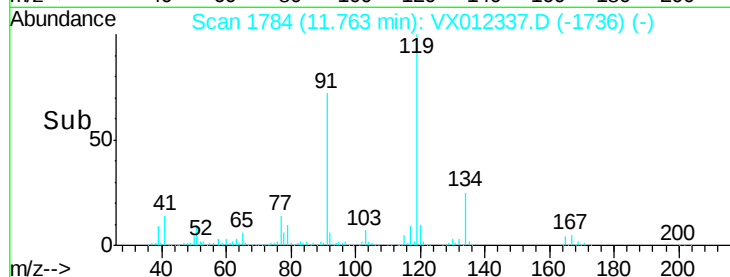
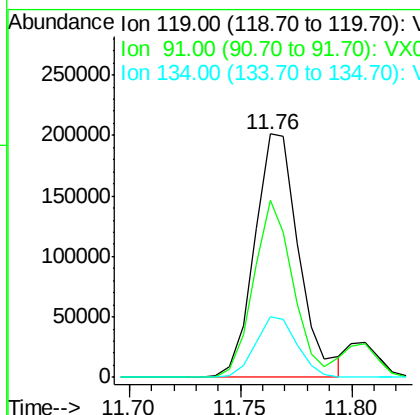
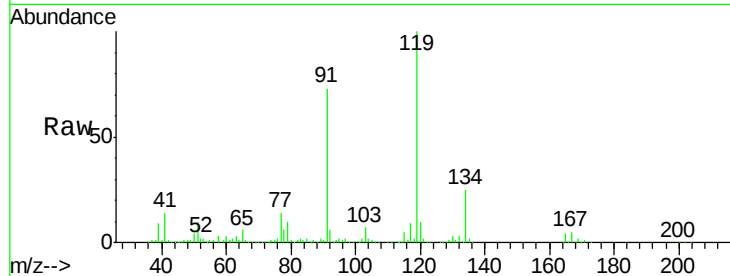
#83
 tert-Butylbenzene
 Concen: 47.817 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	278595		
91	64.5	30.9	92.8	
134	23.5	11.2	33.6	

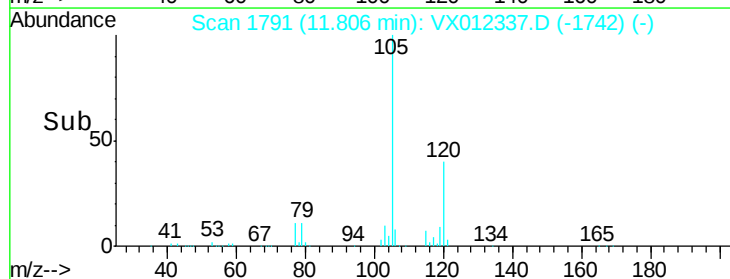
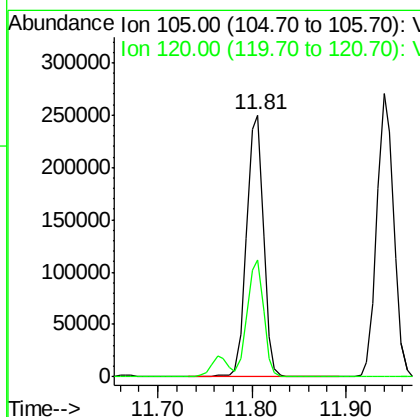
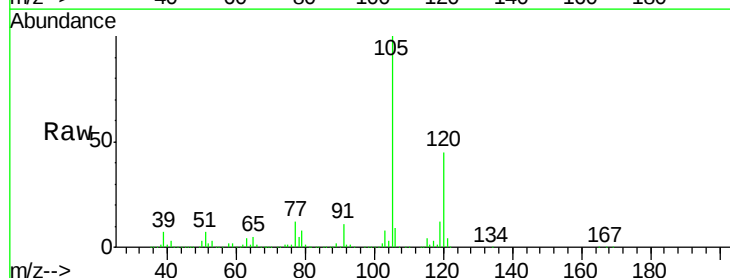
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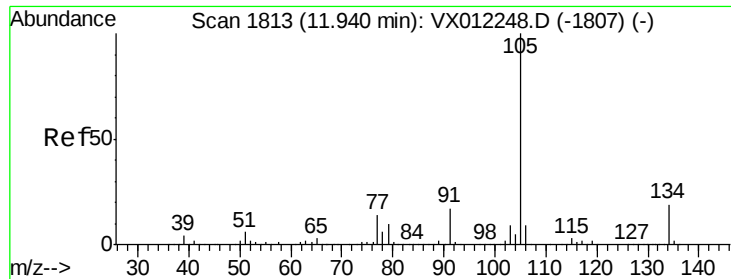
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.392 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	312570		
120	43.4	21.3	63.9	





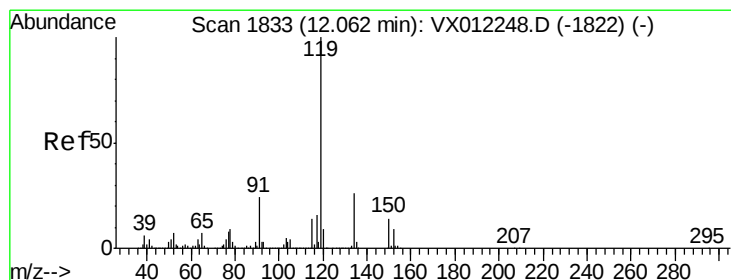
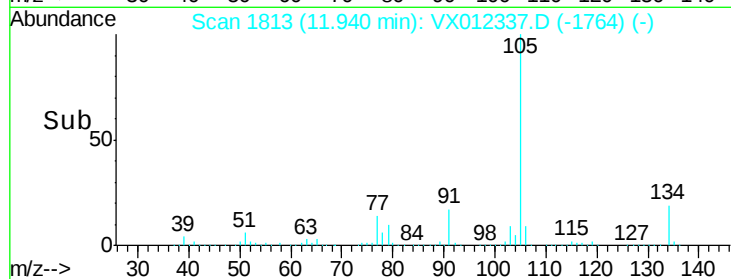
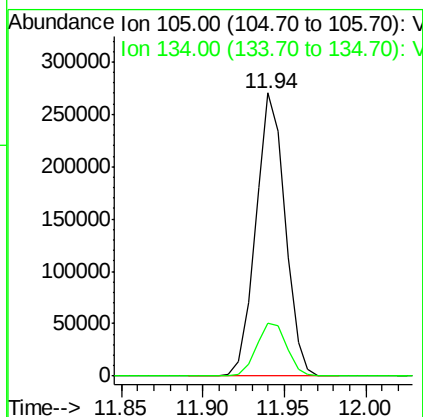
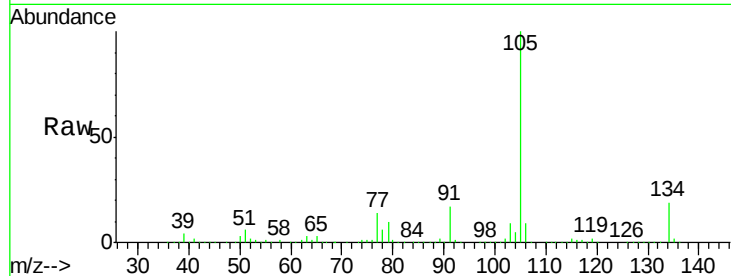
#85
 sec-Butylbenzene
 Concen: 48.506 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.9	29.7

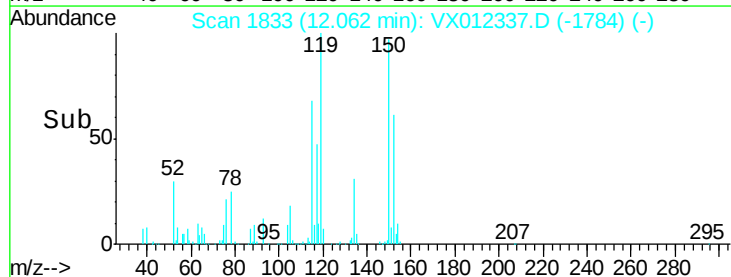
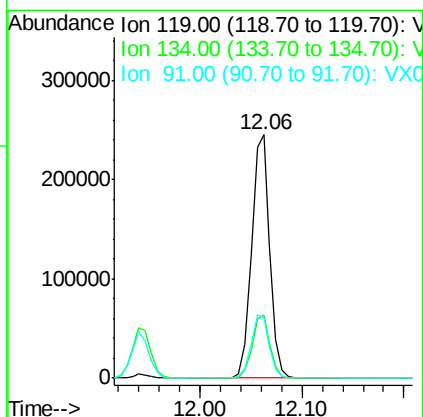
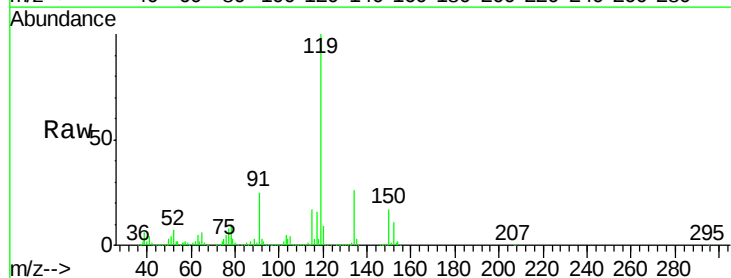
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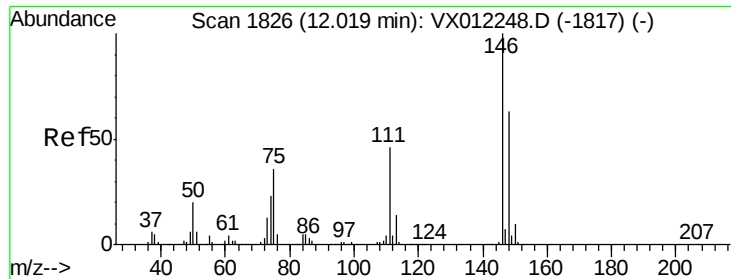
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#86
 p-Isopropyltoluene
 Concen: 47.193 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.7
91	25.9	13.1	39.1





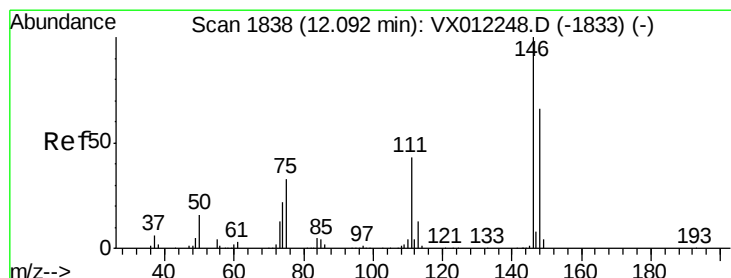
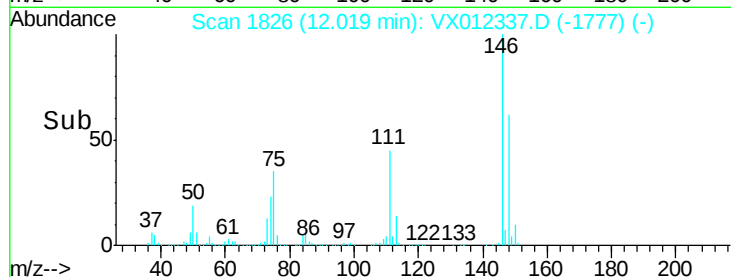
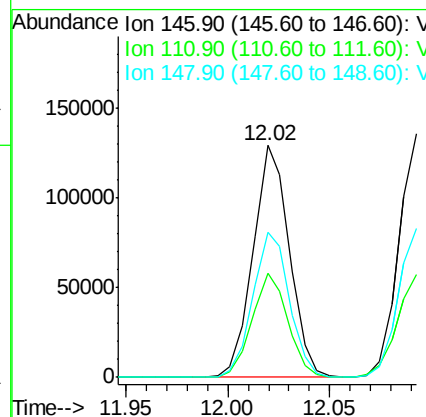
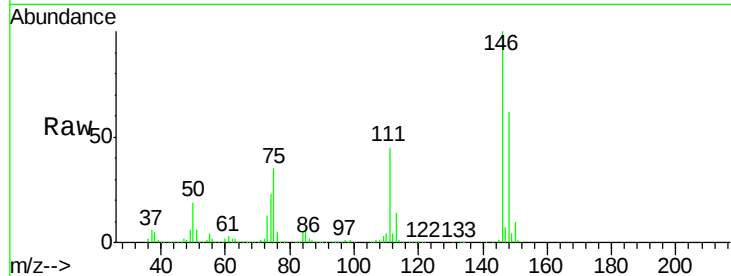
#87
 1,3-Dichlorobenzene
 Concen: 51.145 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.3	66.8
148	62.8	31.5	94.5

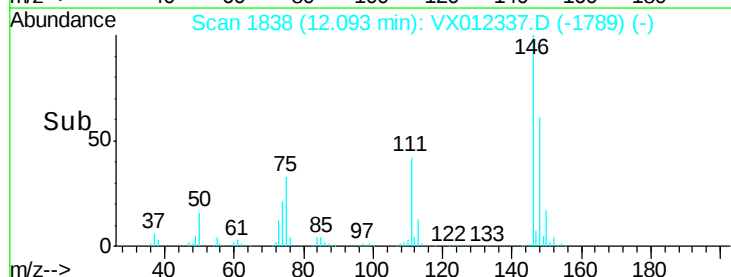
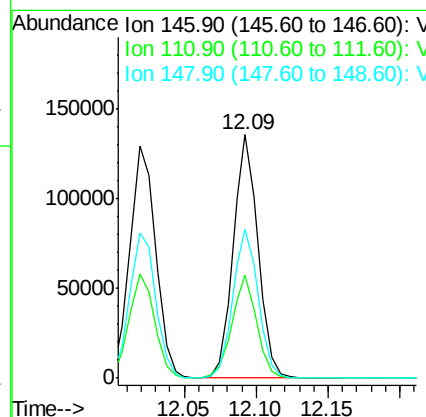
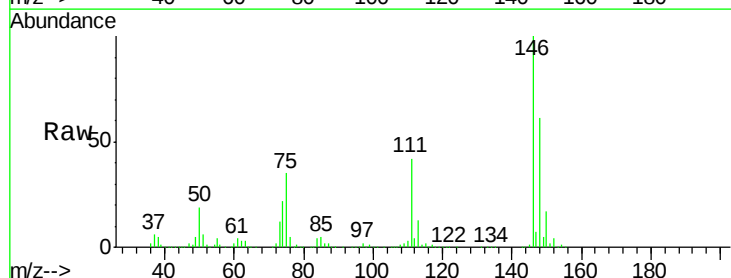
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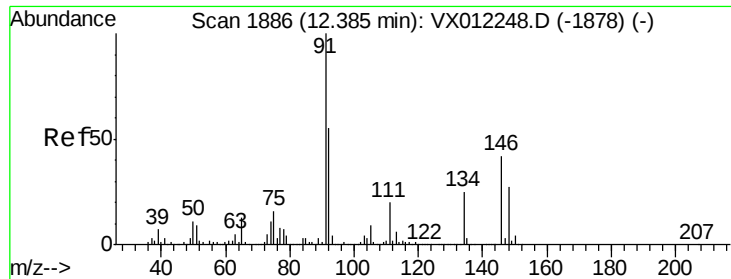
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#88
 1,4-Dichlorobenzene
 Concen: 51.673 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.6	64.8
148	62.9	32.4	97.2





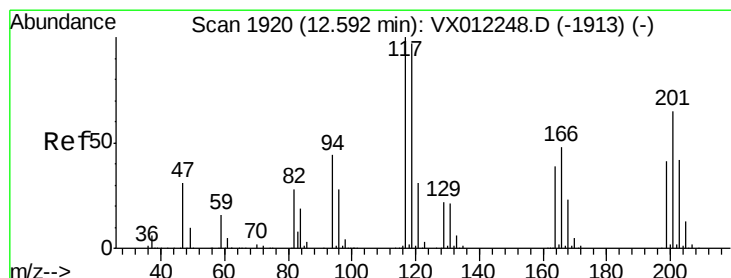
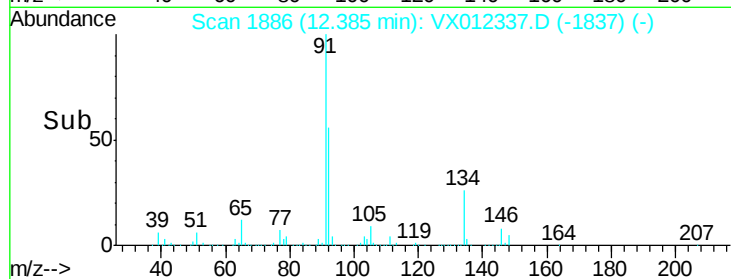
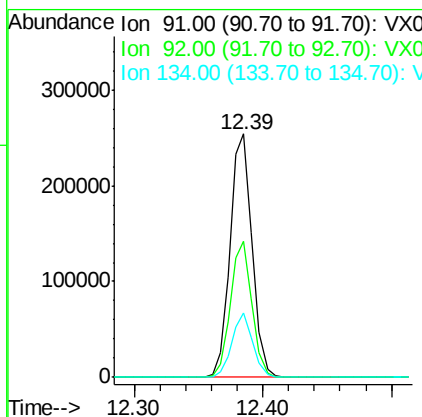
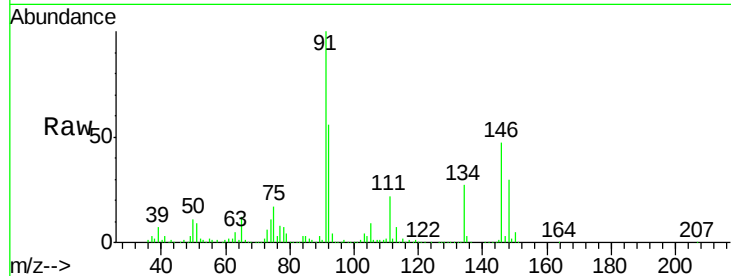
#89
n-Butylbenzene
Concen: 48.345 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.6	82.7
134	25.3	12.5	37.5

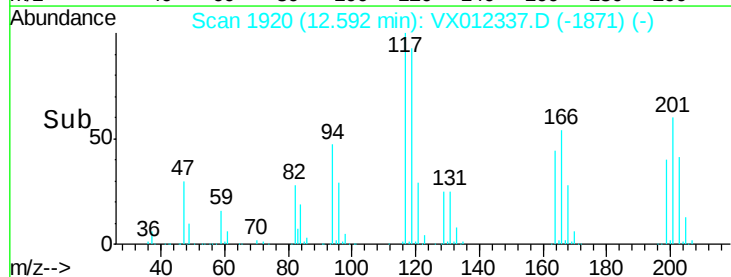
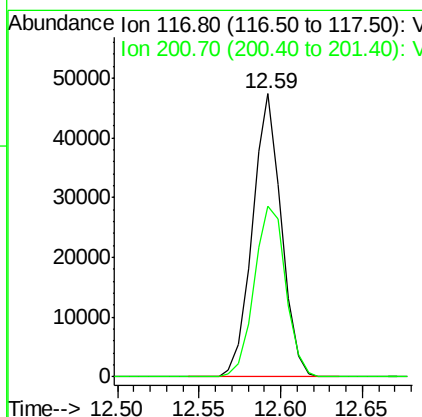
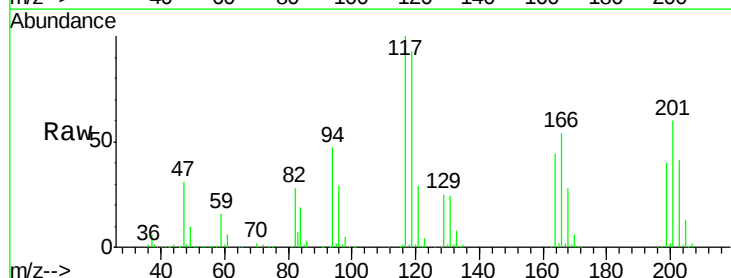
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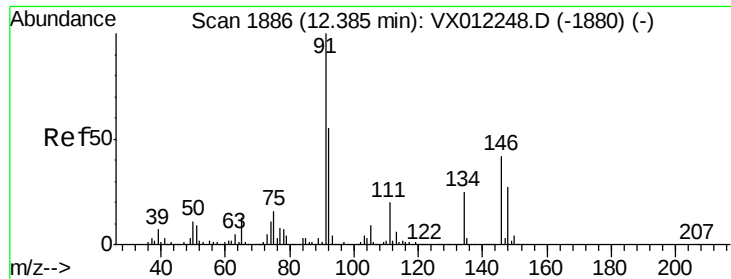
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#90
Hexachloroethane
Concen: 49.212 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012337.D
Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.8	32.2	96.6





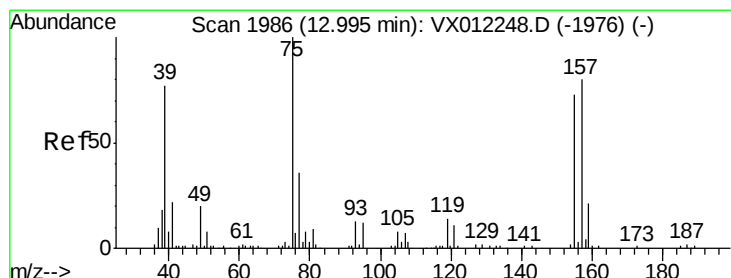
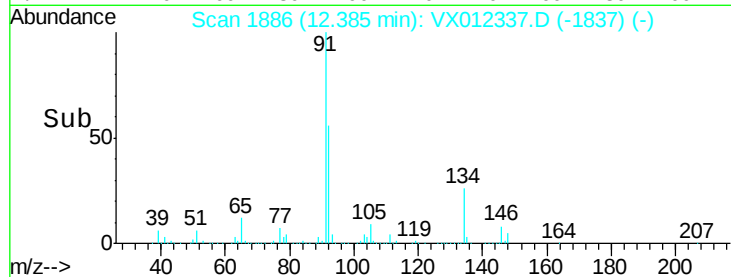
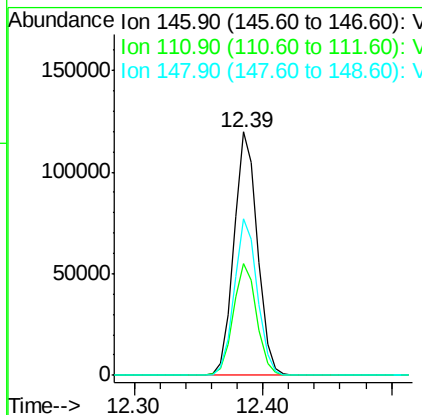
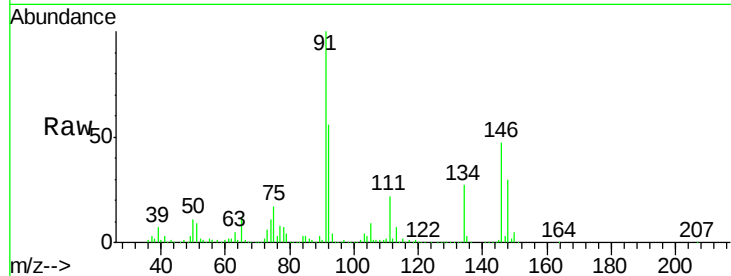
#91
 1,2-Dichlorobenzene
 Concen: 52.345 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.8	23.2	69.6
148	63.7	32.4	97.0

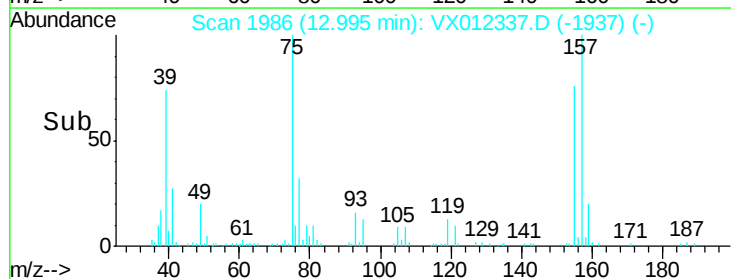
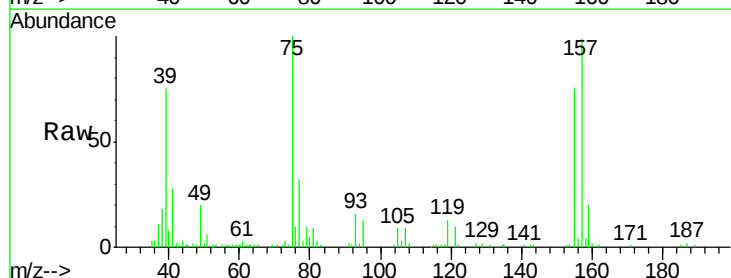
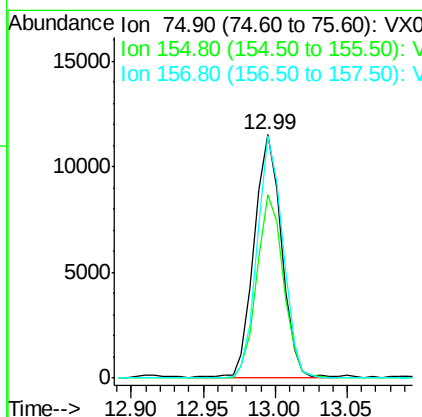
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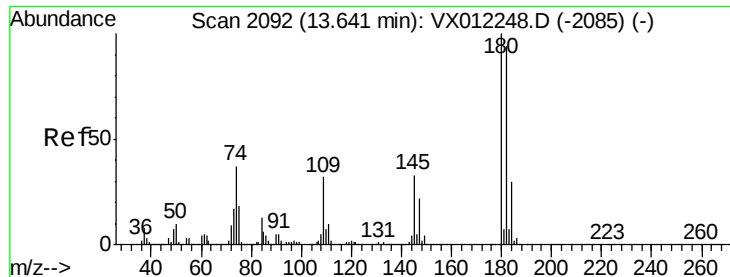
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.725 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.9	35.3	105.7
157	92.6	43.2	129.6





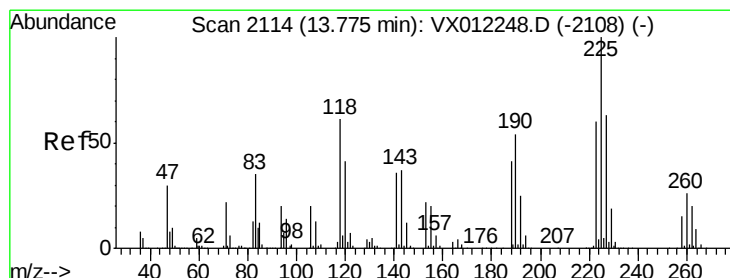
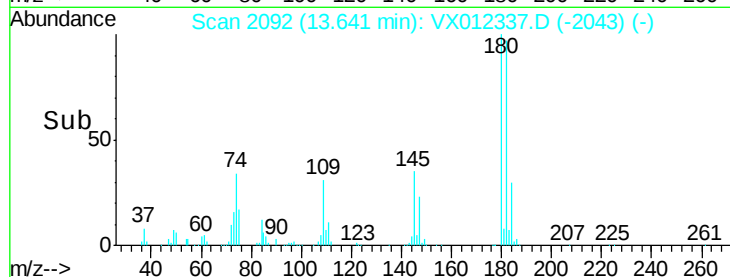
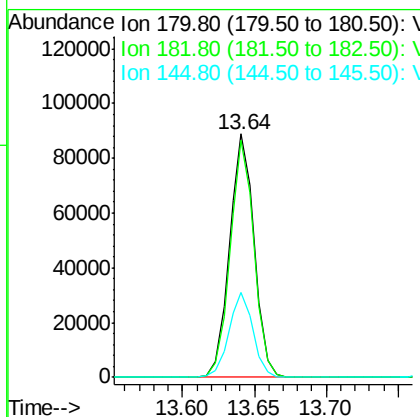
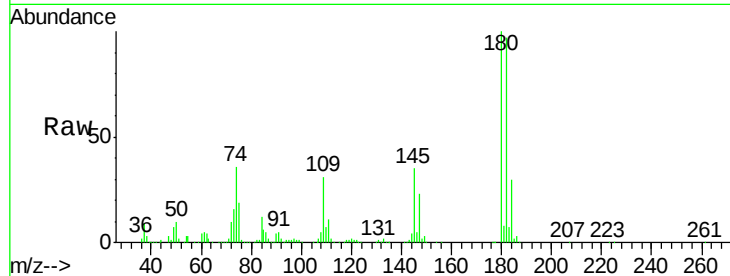
#93
 1,2,4-Trichlorobenzene
 Concen: 53.357 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	106663		
182	94.5	46.9	140.8	
145	34.4	17.1	51.2	

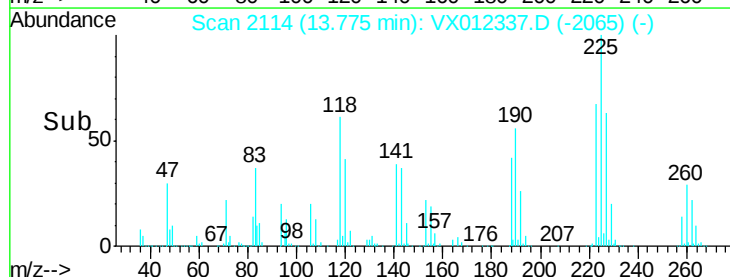
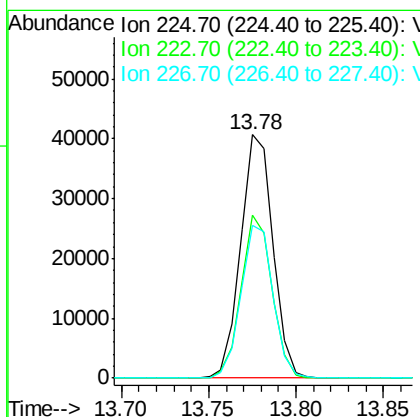
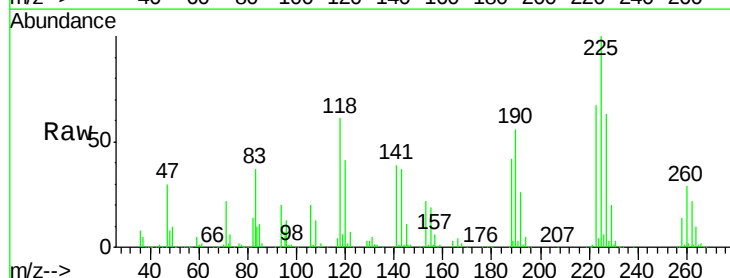
Manual Integrations
 APPROVED

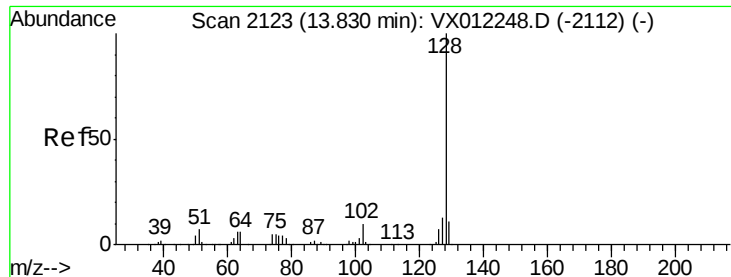
MMDadoda
 9/12/2019 9:26:55 AM



#94
 Hexachlorobutadiene
 Concen: 52.325 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX012337.D
 Acq: 12 Sep 2019 08:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52037		
223	64.3	32.1	96.5	
227	62.2	32.5	97.5	





#95

Naphthalene

Concen: 57.115 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Instrument :

MSVOA_X

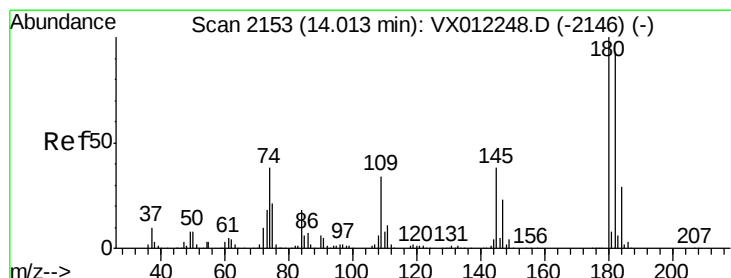
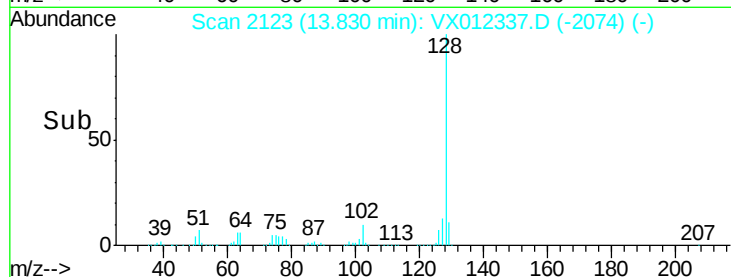
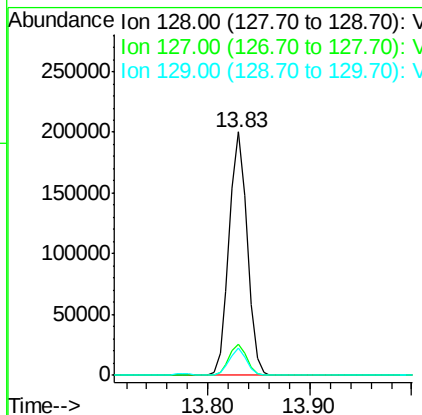
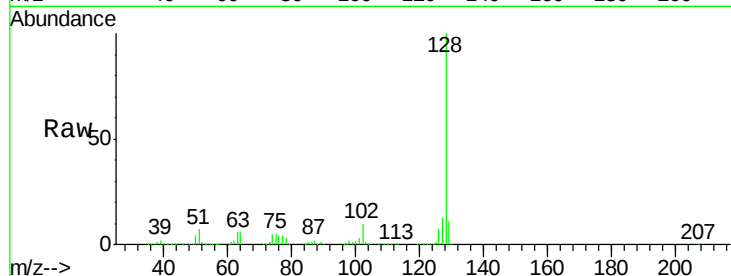
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	245023
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
9/12/2019 9:26:55 AM



#96

1,2,3-Trichlorobenzene

Concen: 55.211 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012337.D

Acq: 12 Sep 2019 08:22

Tgt Ion:	180	Resp:	97654
Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.0	141.0
145	37.4	18.6	55.8

