

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011267.D
 Acq On : 01 Aug 2019 18:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:05:03 AM

Quant Time: Aug 02 02:17:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	166737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	242976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120895	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	72175	42.98	ug/l	0.00
Spiked Amount			Recovery	=	85.96%	
35) Dibromofluoromethane	5.49	113	70698	44.57	ug/l	0.00
Spiked Amount			Recovery	=	89.14%	
50) Toluene-d8	8.71	98	265301	44.31	ug/l	0.00
Spiked Amount			Recovery	=	88.62%	
62) 4-Bromofluorobenzene	11.13	95	96590	45.18	ug/l	0.00
Spiked Amount			Recovery	=	90.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	58341	45.304	ug/l	99
3) Chloromethane	1.32	50	64454	44.570	ug/l	98
4) Vinyl Chloride	1.40	62	71818	45.148	ug/l	99
5) Bromomethane	1.63	94	52565	46.333	ug/l	99
6) Chloroethane	1.71	64	48591	49.304	ug/l	98
7) Trichlorofluoromethane	1.92	101	130559	46.160	ug/l	98
8) Diethyl Ether	2.18	74	46105	45.651	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69384	45.337	ug/l	100
10) Methyl Iodide	2.50	142	83516	43.285	ug/l	99
11) Tert butyl alcohol	3.04	59	80482	240.367	ug/l	99
12) 1,1-Dichloroethene	2.37	96	68180	44.943	ug/l	99
13) Acrolein	2.28	56	47703	229.214	ug/l	99
14) Allyl chloride	2.72	41	97349	48.135	ug/l	99
15) Acrylonitrile	3.14	53	193765	242.503	ug/l	100
16) Acetone	2.43	43	164706	206.080	ug/l	100
17) Carbon Disulfide	2.56	76	166461	46.759	ug/l	100
18) Methyl Acetate	2.76	43	84672	46.358	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	211228	47.248	ug/l	97
20) Methylene Chloride	2.85	84	77562	44.312	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	72921	45.441	ug/l	94
22) Diisopropyl ether	3.85	45	208389	46.882	ug/l	98
23) Vinyl Acetate	3.81	43	916411	248.575	ug/l	99
24) 1,1-Dichloroethane	3.69	63	121038	46.180	ug/l	99
25) 2-Butanone	4.67	43	263966	232.178	ug/l	100
26) 2,2-Dichloropropane	4.57	77	94373	46.319	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	86230	46.651	ug/l	97
28) Bromochloromethane	5.01	49	56770	47.511	ug/l	100
29) Tetrahydrofuran	5.12	42	168361	241.518	ug/l	100
30) Chloroform	5.20	83	131893	46.300	ug/l	98
31) Cyclohexane	5.57	56	98915	45.744	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	113916	46.681	ug/l	99
36) 1,1-Dichloropropene	5.79	75	94763	44.670	ug/l	99
37) Ethyl Acetate	4.82	43	100786	47.363	ug/l	100
38) Carbon Tetrachloride	5.78	117	101905	47.747	ug/l	96

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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	7.46	83	112165	44.606	ug/l	96
40) Benzene	6.13	78	296531	46.842	ug/l	97
41) Methacrylonitrile	5.04	41	52949	45.562	ug/l	96
42) 1,2-Dichloroethane	6.19	62	99353	46.413	ug/l	99
43) Isopropyl Acetate	6.44	43	158841	46.690	ug/l	99
44) Trichloroethene	7.21	130	86708	45.251	ug/l	98
45) 1,2-Dichloropropane	7.51	63	74696	45.561	ug/l	100
46) Dibromomethane	7.66	93	54104	45.206	ug/l	99
47) Bromodichloromethane	7.90	83	98095	48.410	ug/l	99
48) Methyl methacrylate	7.76	41	76968	48.073	ug/l	99
49) 1,4-Dioxane	7.73	88	42877	923.752	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	536058	244.155	ug/l	99
52) Toluene	8.78	92	194965	46.581	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	104142	44.464	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	117585	49.676	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	81527	47.375	ug/l	99
56) Ethyl methacrylate	9.18	69	120064	48.958	ug/l	99
57) 1,3-Dichloropropane	9.37	76	124452	45.728	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	290064	240.556	ug/l	98
59) 2-Hexanone	9.49	43	421235	247.697	ug/l	100
60) Dibromochloromethane	9.58	129	87254	49.524	ug/l	98
61) 1,2-Dibromoethane	9.67	107	88290	47.487	ug/l	99
64) Tetrachloroethene	9.34	164	85985	44.647	ug/l	98
65) Chlorobenzene	10.13	112	223668	45.999	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	80398	48.296	ug/l	99
67) Ethyl Benzene	10.25	91	382443	46.964	ug/l	99
68) m/p-Xylenes	10.35	106	300343	95.352	ug/l	99
69) o-Xylene	10.69	106	145773	47.102	ug/l	99
70) Styrene	10.71	104	251545	49.122	ug/l	99
71) Bromoform	10.85	173	64281	43.573	ug/l #	98
73) Isopropylbenzene	11.02	105	390185	47.190	ug/l	99
74) N-amyl acetate	10.90	43	150440	50.355	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	129176	46.881	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	106808m	48.513	ug/l	
77) Bromobenzene	11.26	156	107177	46.746	ug/l	99
78) n-propylbenzene	11.36	91	438333	47.671	ug/l	100
79) 2-Chlorotoluene	11.42	91	255333	46.590	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	329679	47.631	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37262	45.629	ug/l	98
82) 4-Chlorotoluene	11.51	91	299769	46.934	ug/l	99
83) tert-Butylbenzene	11.77	119	324589	47.815	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	335845	48.735	ug/l	100
85) sec-Butylbenzene	11.94	105	384326	47.122	ug/l	100
86) p-Isopropyltoluene	12.06	119	361042	48.118	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	192934	47.625	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	189699	45.411	ug/l	98
89) n-Butylbenzene	12.38	91	308760	47.764	ug/l	99
90) Hexachloroethane	12.59	117	54441	49.077	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	188627	46.340	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26710	50.034	ug/l	98

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VSTDCCC050

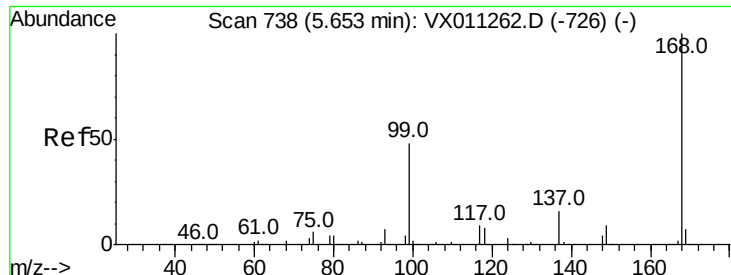
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	127888	47.375	ug/l	99
94) Hexachlorobutadiene	13.78	225	64558	47.137	ug/l	97
95) Naphthalene	13.83	128	398348	50.461	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128144	46.694	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 166737

Ion Ratio Lower Upper

168 100

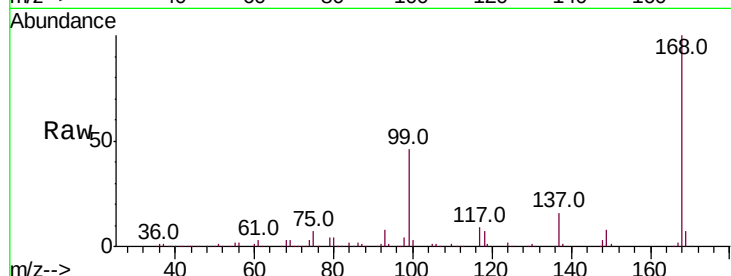
99 46.3 38.5 57.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

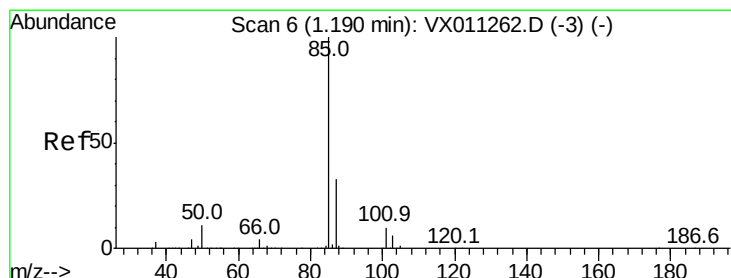
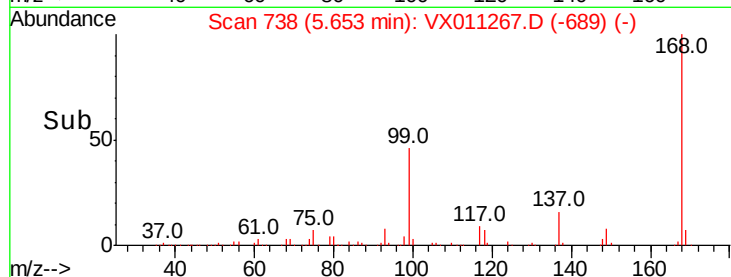
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 45.304 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011267.D

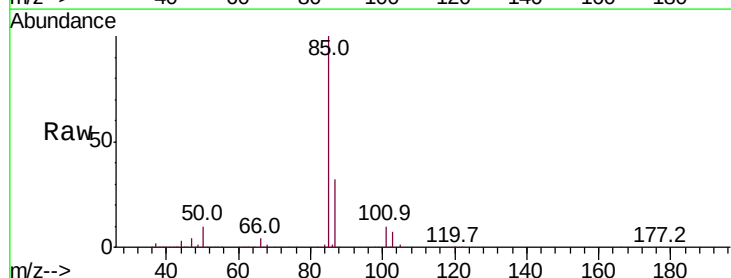
Acq: 01 Aug 2019 18:33

Tgt Ion: 85 Resp: 58341

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

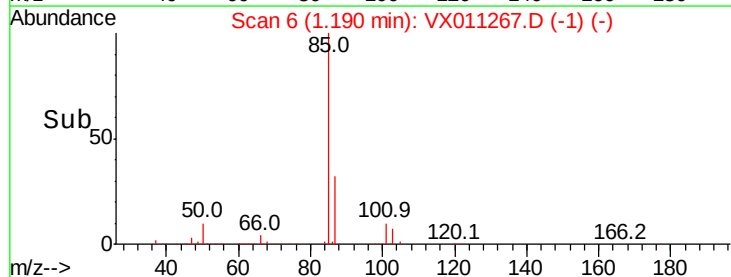
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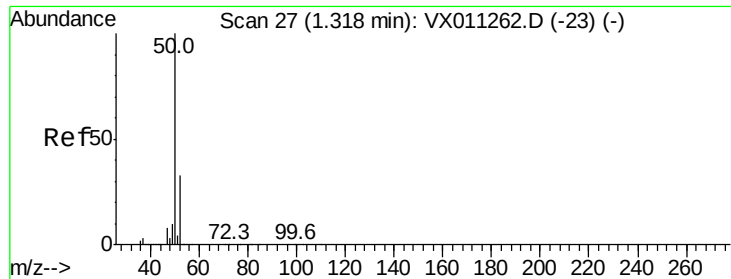
40000

20000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 44.570 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 64454

Ion Ratio Lower Upper

50 100

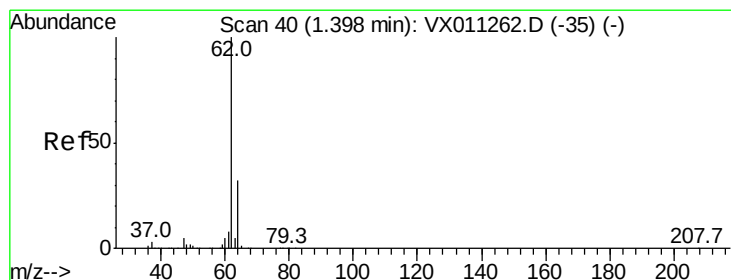
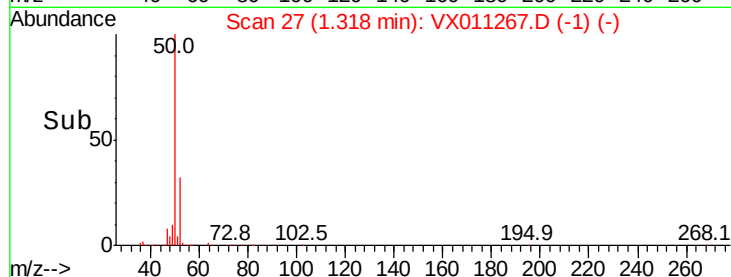
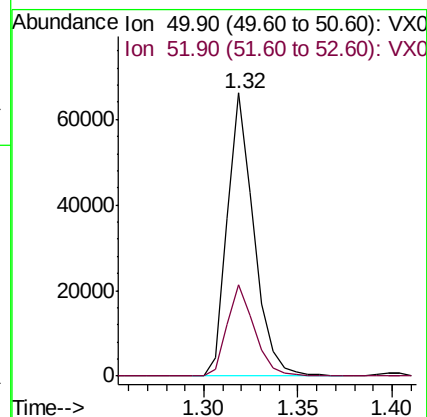
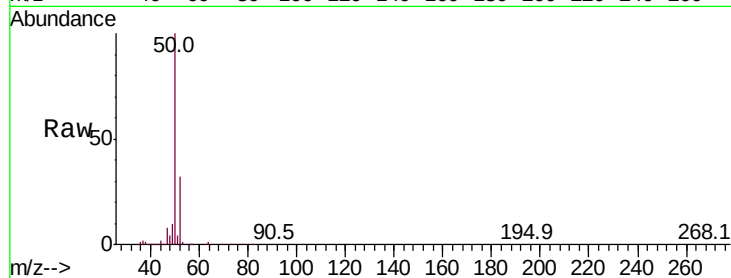
52 32.0 26.4 39.6

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#4

Vinyl Chloride

Concen: 45.148 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011267.D

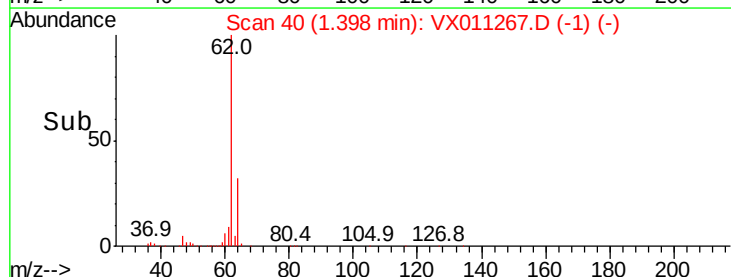
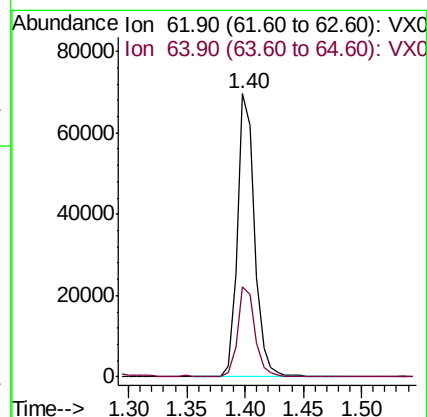
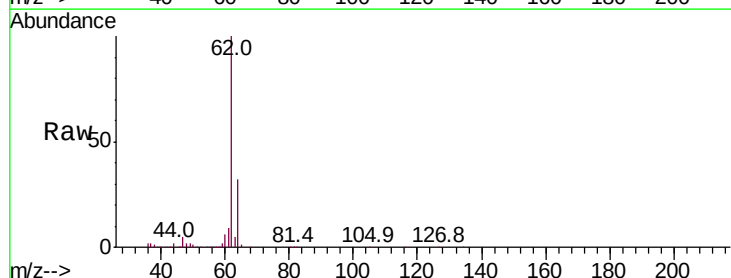
Acq: 01 Aug 2019 18:33

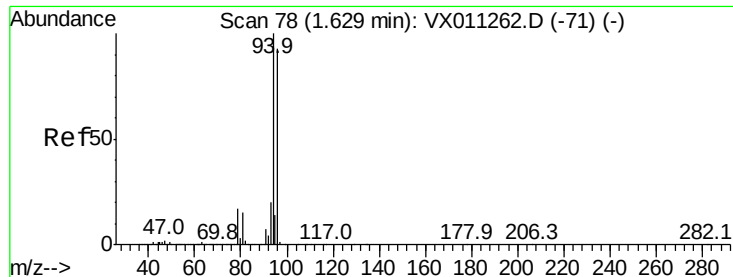
Tgt Ion: 62 Resp: 71818

Ion Ratio Lower Upper

62 100

64 31.7 26.0 39.0





#5

Bromomethane

Concen: 46.333 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Tot Ion: 94 Resp: 52565

Ion Ratio Lower Upper

94 100

96 94.3 74.6 112.0

Instrument :

MSVOA_X

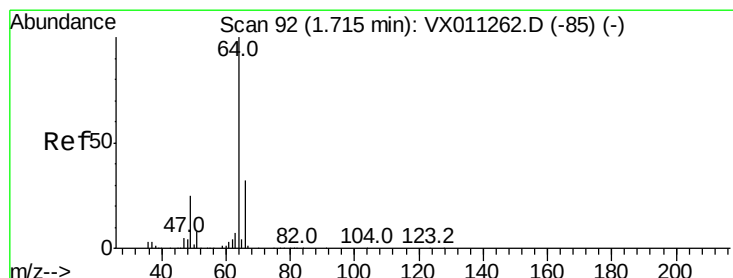
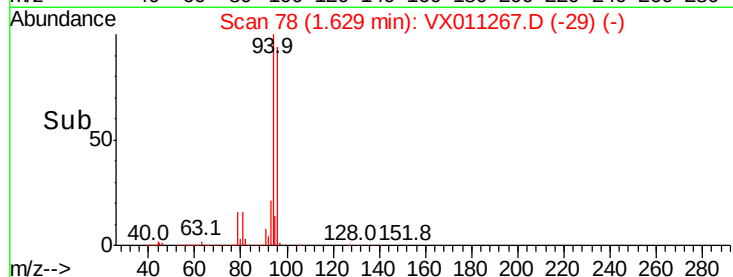
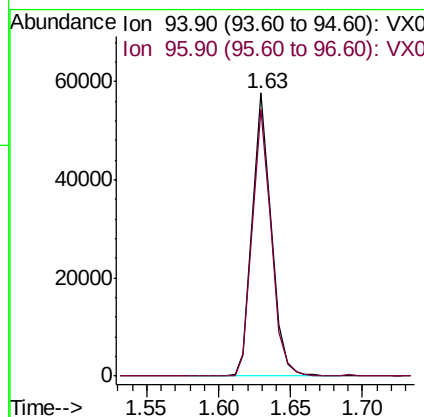
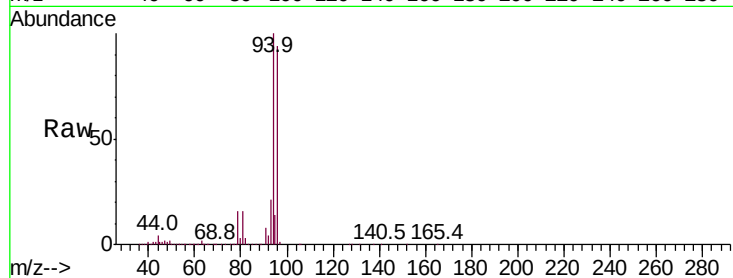
ClientSampleId :

VSTDCCC050

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#6

Chloroethane

Concen: 49.304 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011267.D

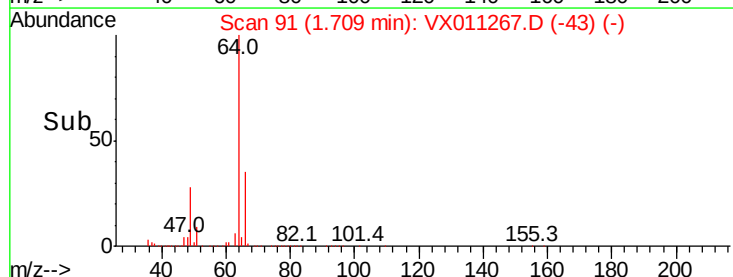
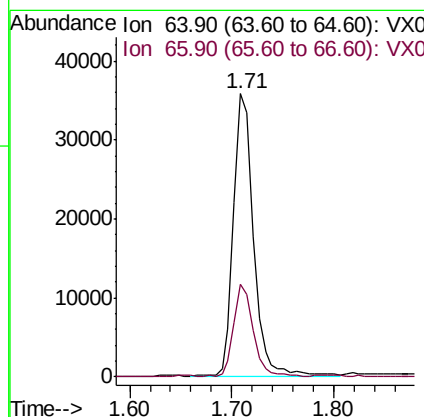
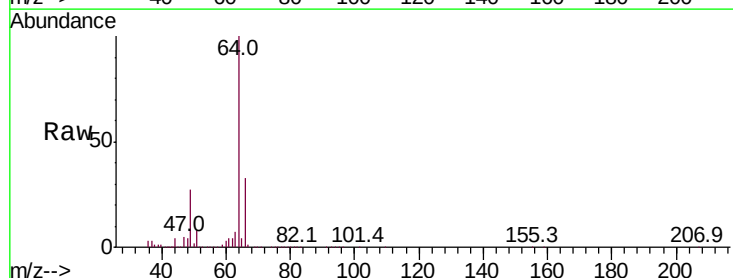
Acq: 01 Aug 2019 18:33

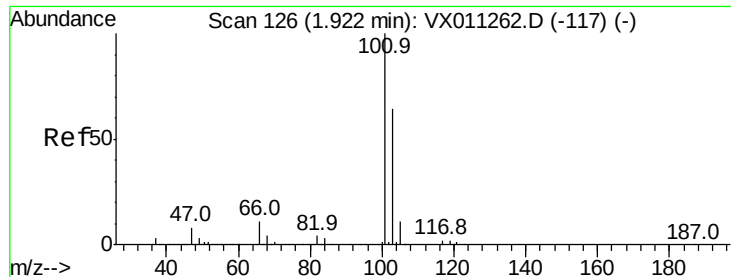
Tgt Ion: 64 Resp: 48591

Ion Ratio Lower Upper

64 100

66 32.5 25.1 37.7





#7

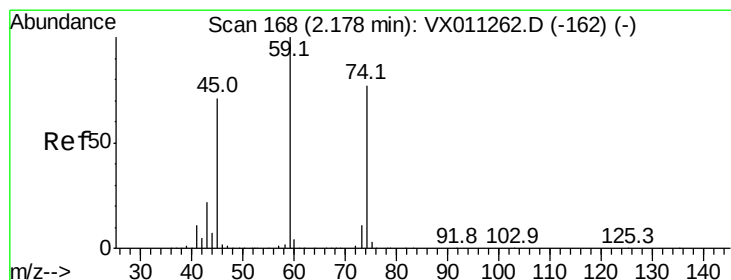
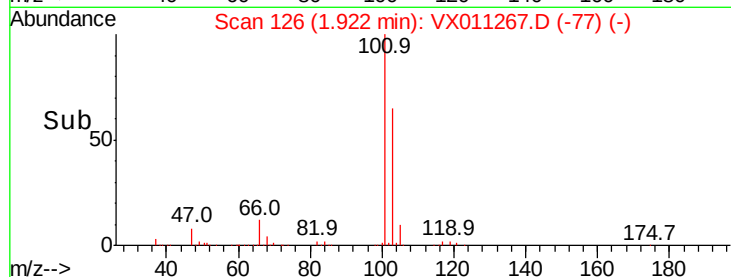
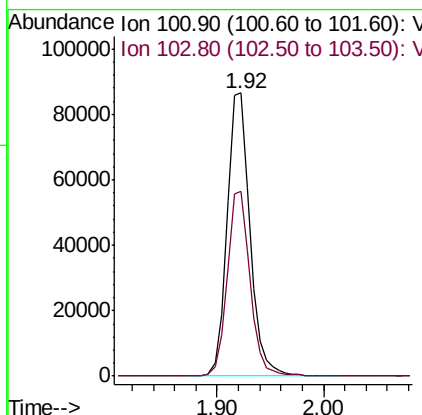
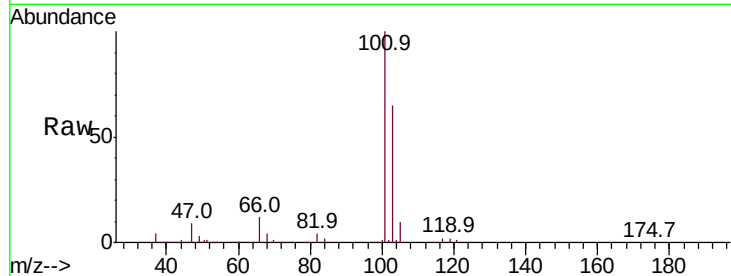
Trichlorofluoromethane
Concen: 46.160 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	130559		
103	65.3		50.9	76.3

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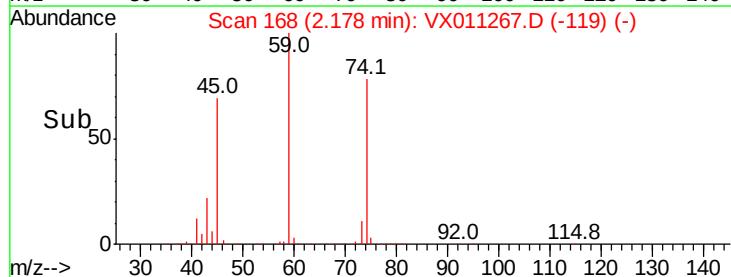
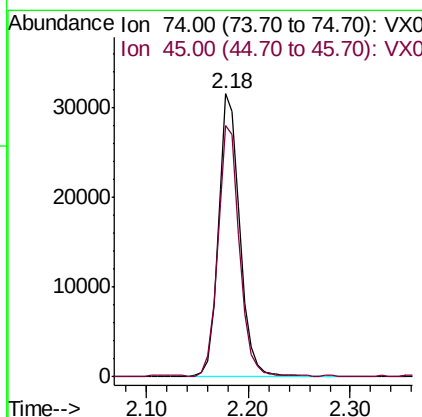
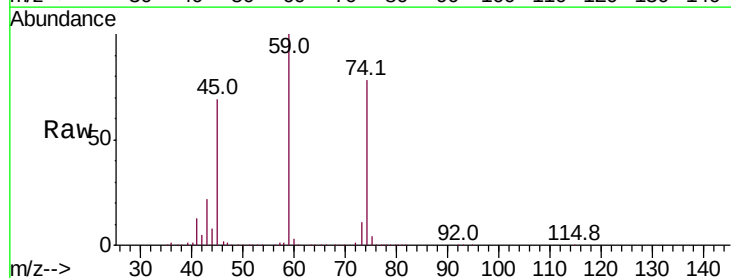
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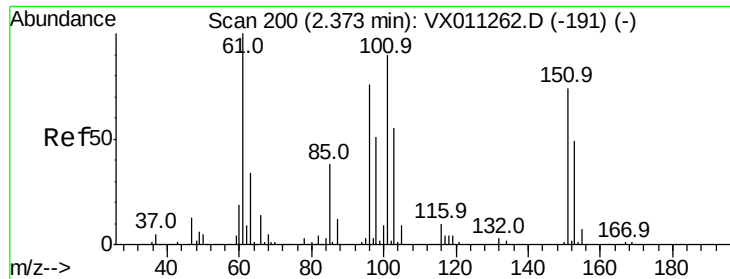


#8

Diethyl Ether
Concen: 45.651 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	46105		
45	89.2		46.1	138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.337 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

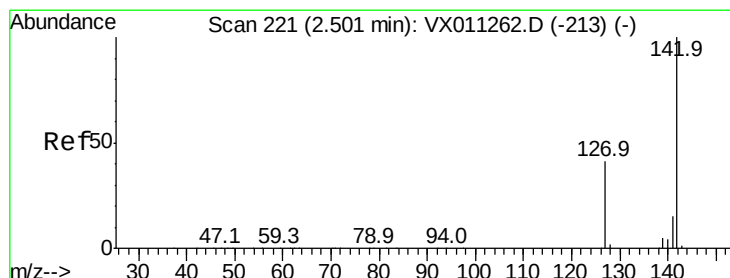
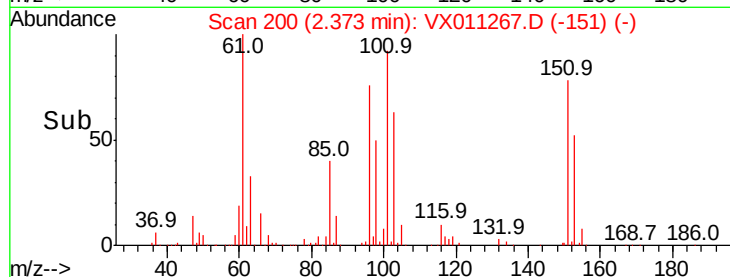
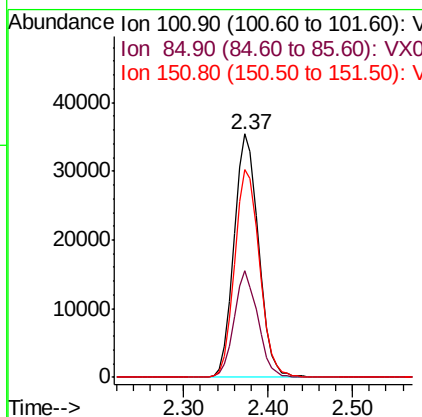
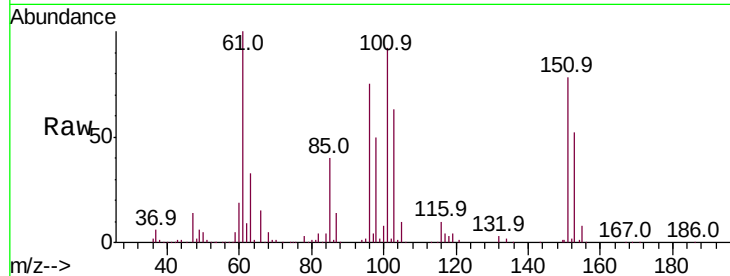
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	69384
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.8	50.6
151	86.6	69.5	104.3

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#10

Methyl Iodide

Concen: 43.285 ug/l

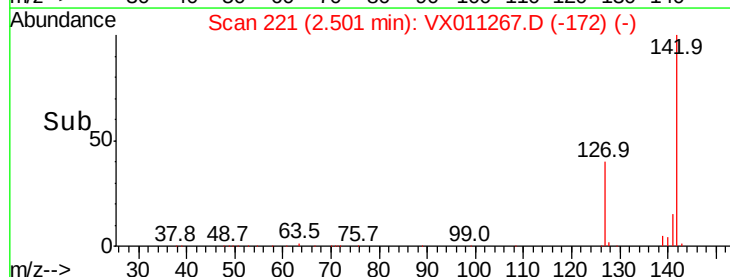
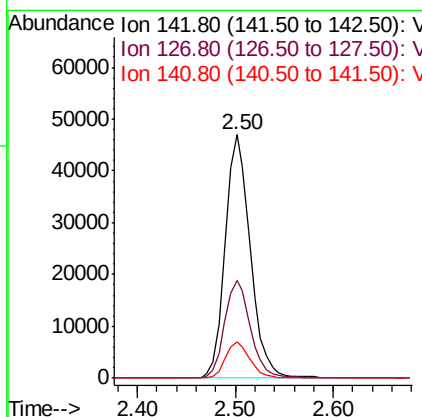
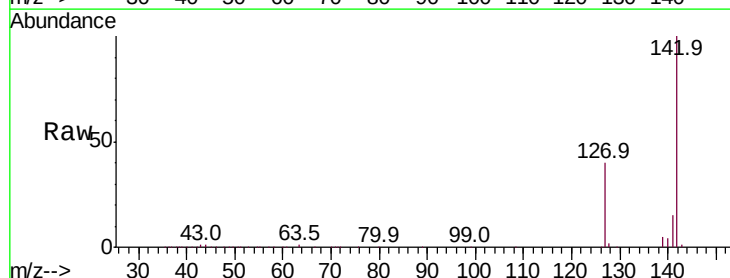
RT: 2.50 min Scan# 221

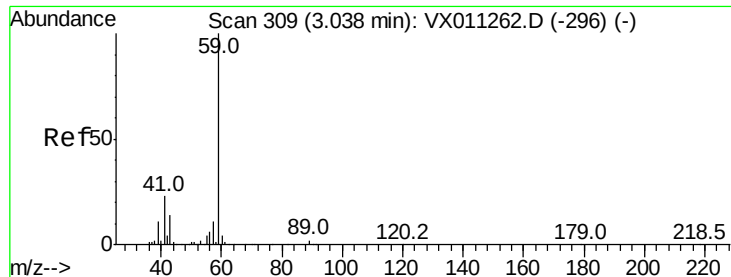
Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Tgt Ion:	142	Resp:	83516
Ion Ratio	Lower	Upper	
142	100		
127	41.4	33.8	50.8
141	14.7	11.4	17.2





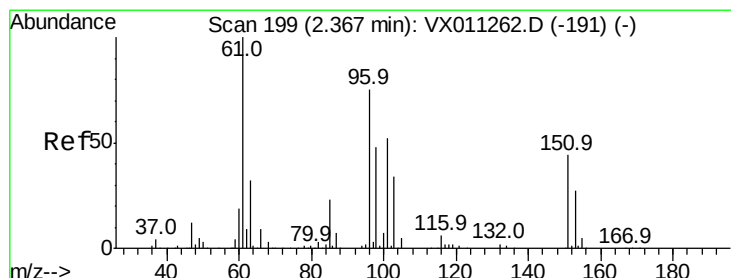
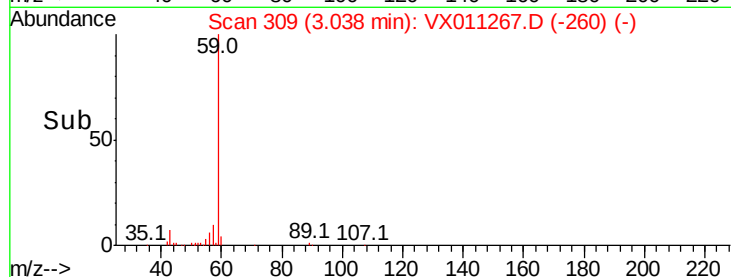
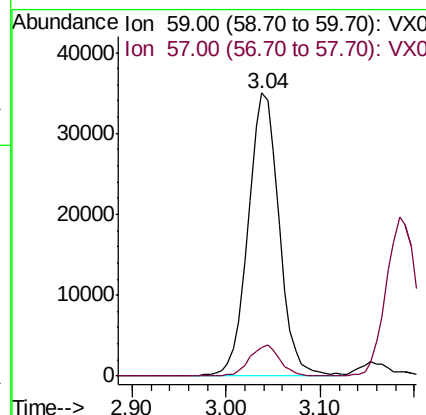
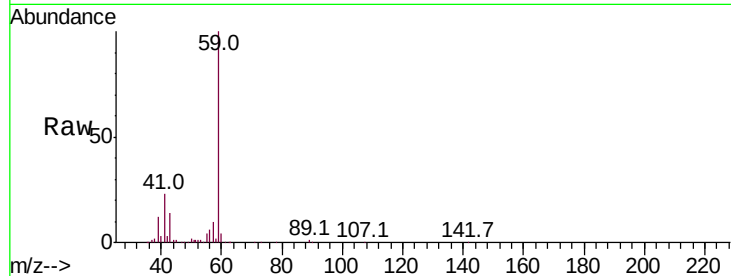
#11
Tert butyl alcohol
Concen: 240.367 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	80482
Ion Ratio	100	Lower	Upper
57	10.9	8.3	12.5

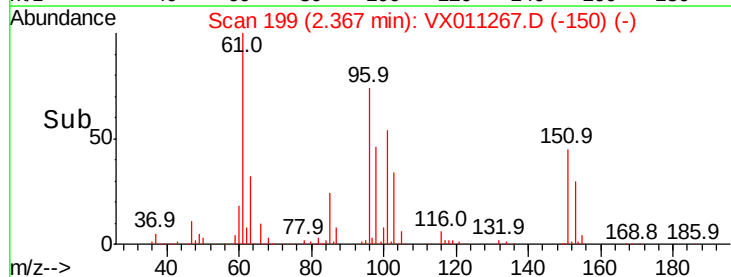
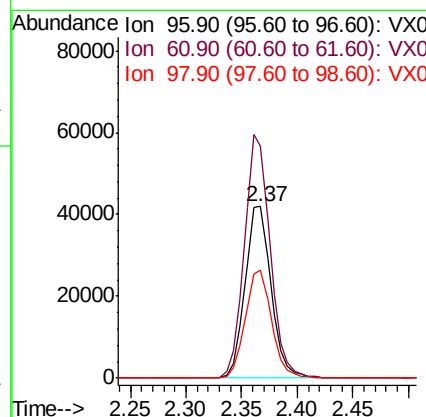
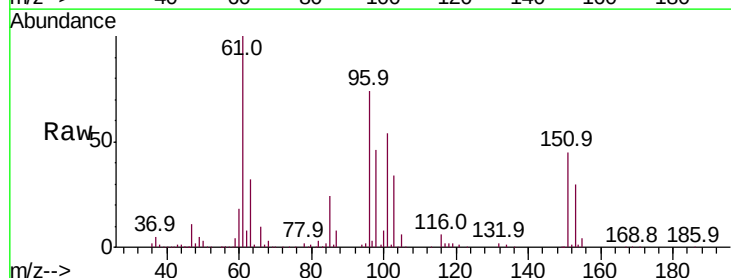
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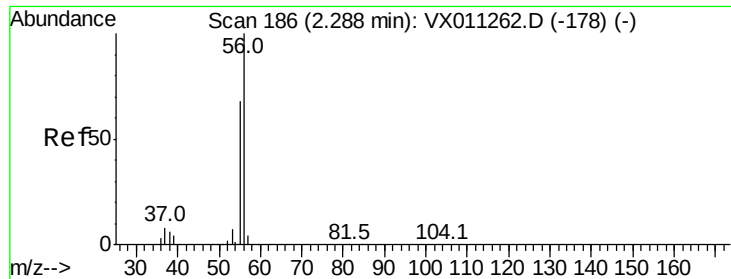
MMDadoda
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#12
1,1-Dichloroethene
Concen: 44.943 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Tgt Ion	96	Resp	68180
Ion Ratio	100	Lower	Upper
61	135.0	106.2	159.2
98	62.8	50.6	75.8





#13

Acrolein

Concen: 229.214 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 47703

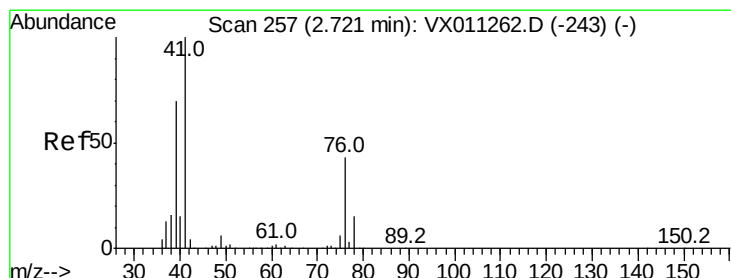
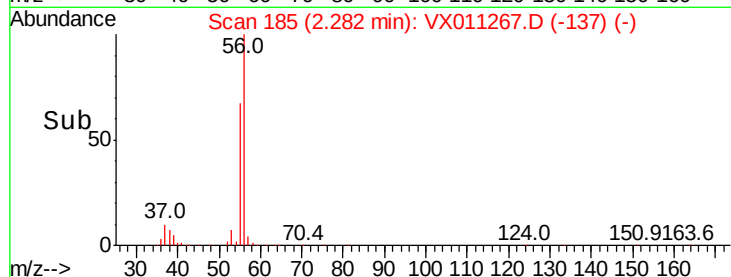
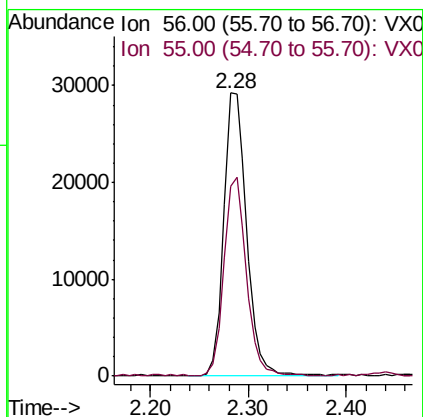
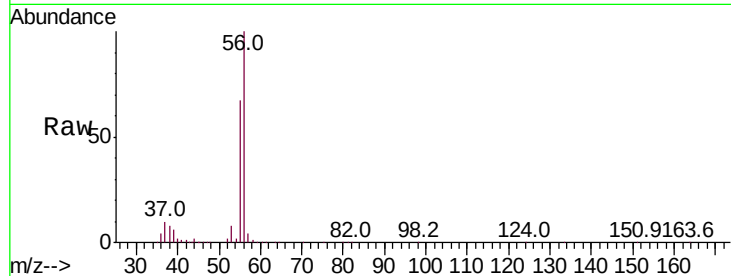
Ion Ratio Lower Upper

56 100

55 69.3 56.0 84.0

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#14

Allyl chloride

Concen: 48.135 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

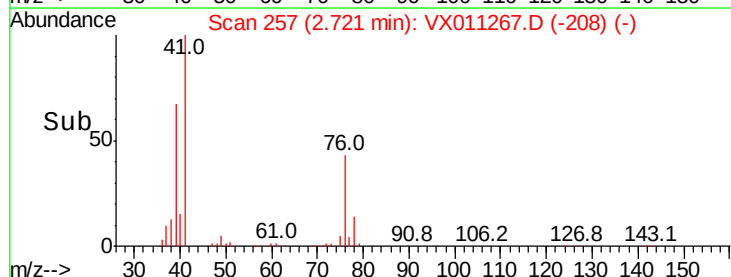
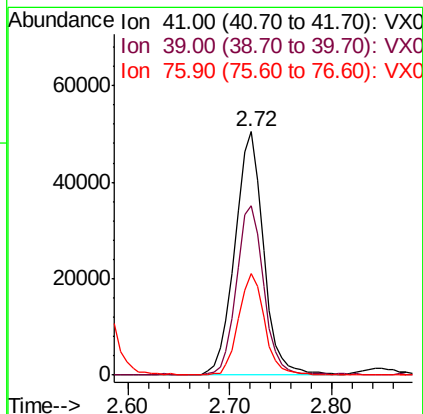
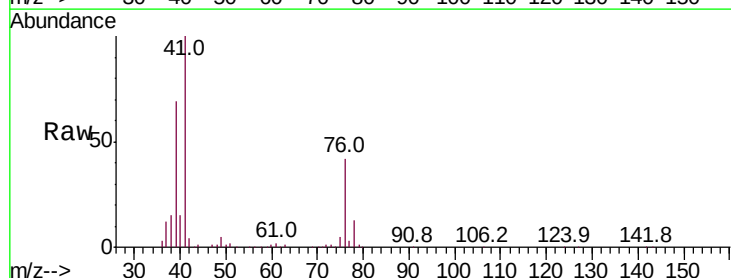
Tgt Ion: 41 Resp: 97349

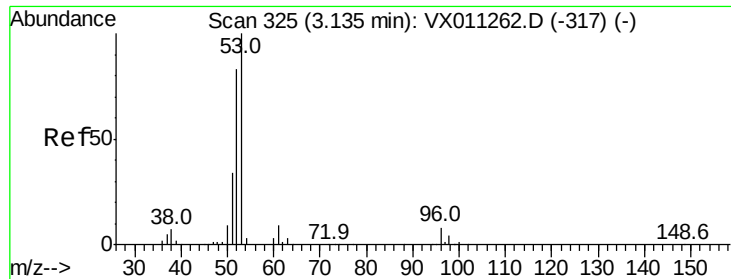
Ion Ratio Lower Upper

41 100

39 66.1 52.8 79.2

76 38.2 31.1 46.7





#15

Acrylonitrile

Concen: 242.503 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

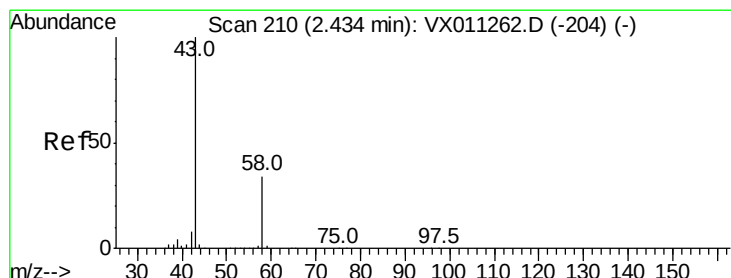
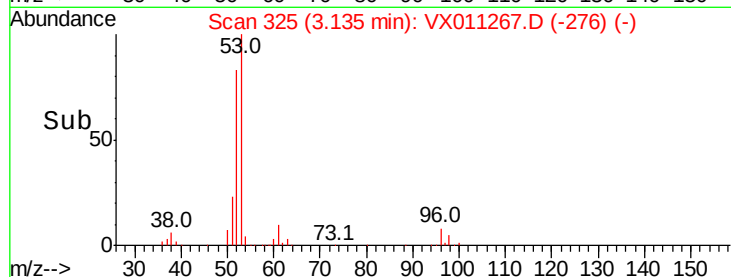
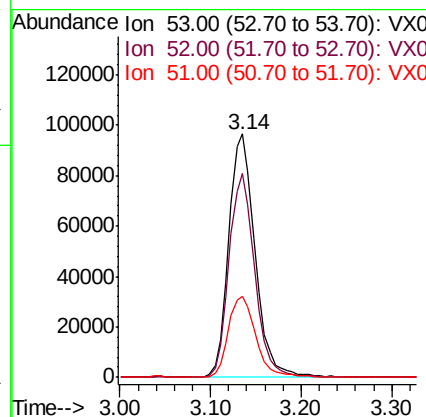
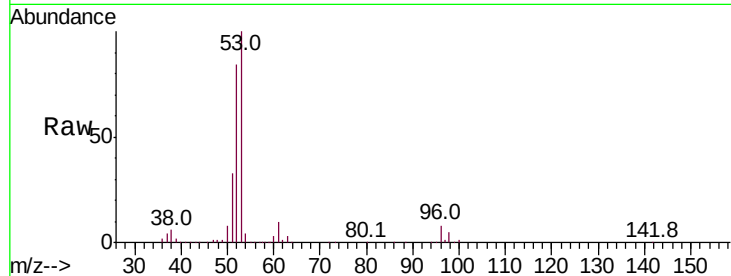
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	193765
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.5	98.3
51	35.1	27.9	41.9

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#16

Acetone

Concen: 206.080 ug/l

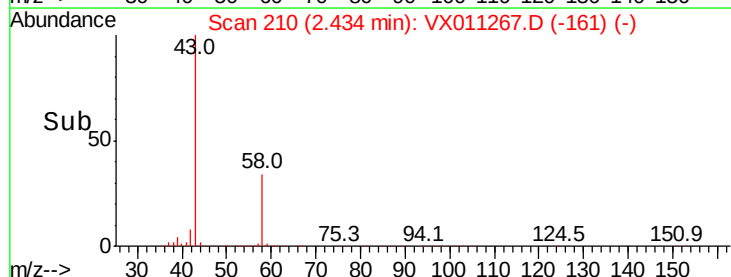
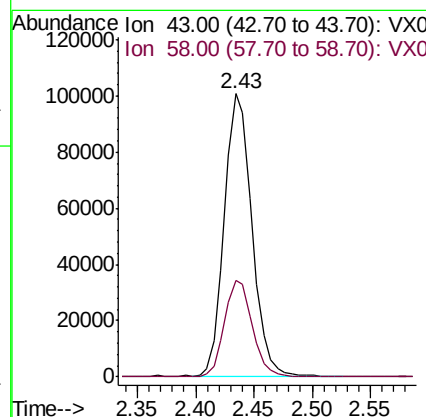
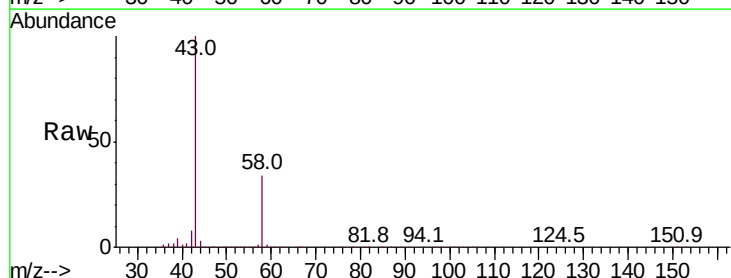
RT: 2.43 min Scan# 210

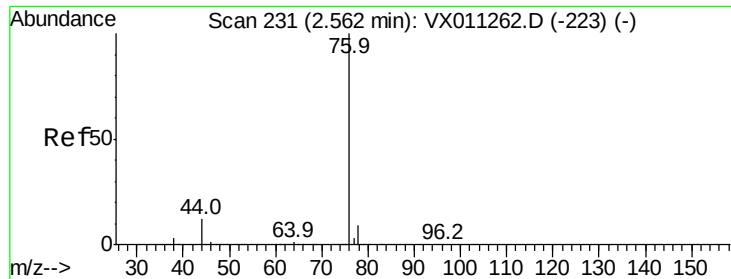
Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Tgt Ion:	43	Resp:	164706
Ion Ratio	Lower	Upper	
43	100		
58	34.2	27.4	41.0





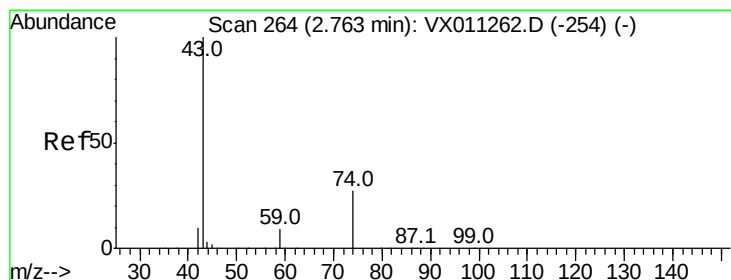
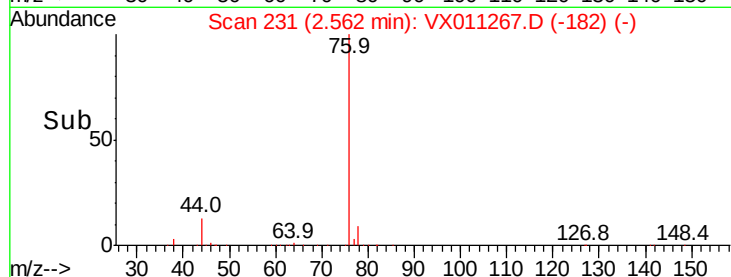
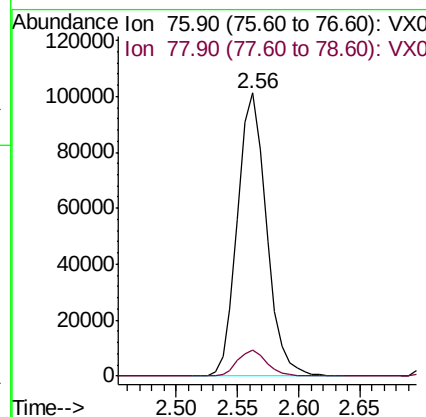
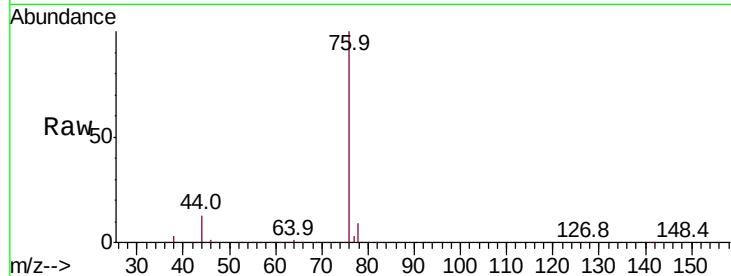
#17
Carbon Disulfide
Concen: 46.759 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

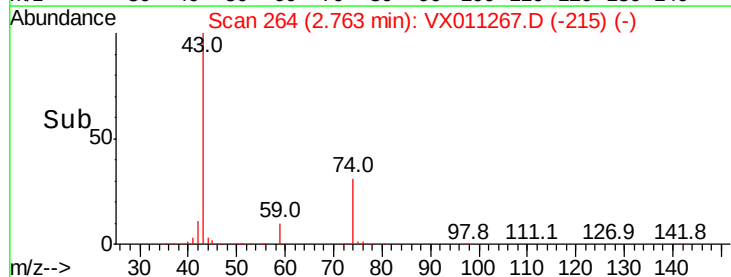
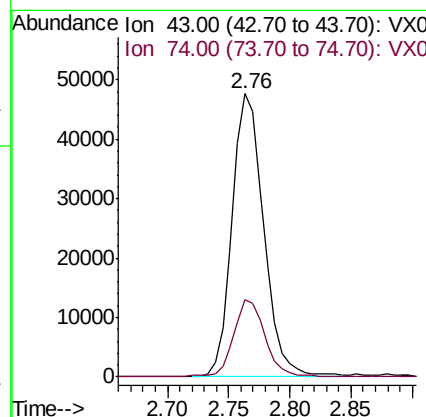
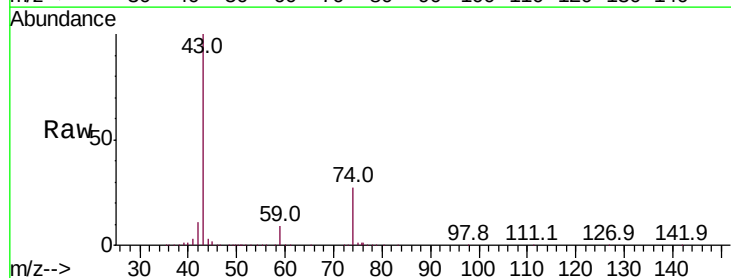
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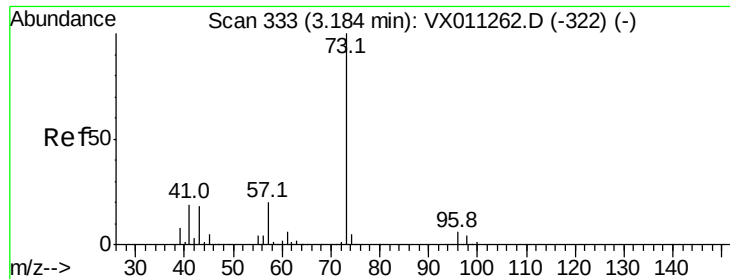
MMDadoda
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#18
Methyl Acetate
Concen: 46.358 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.3	21.0	31.6





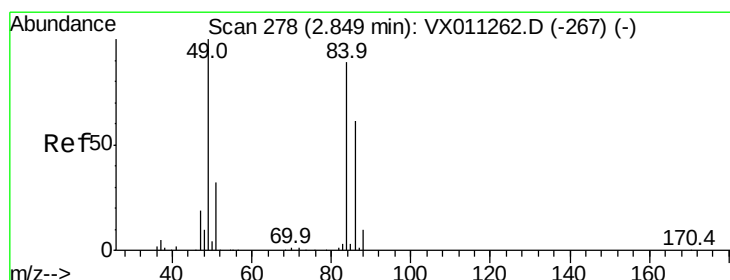
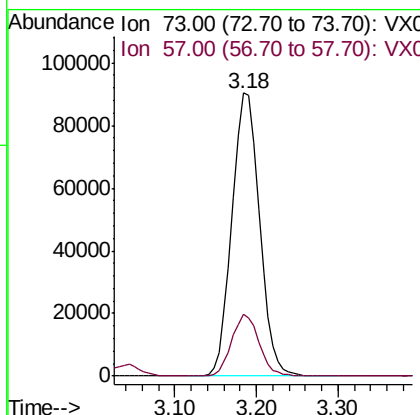
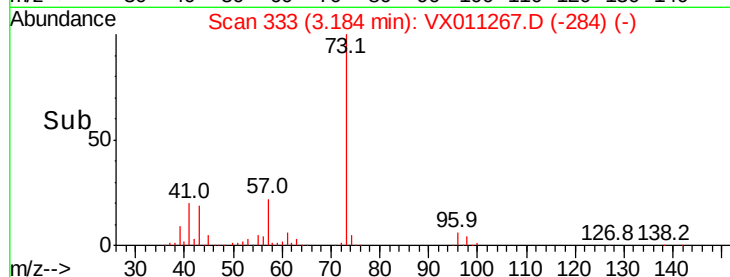
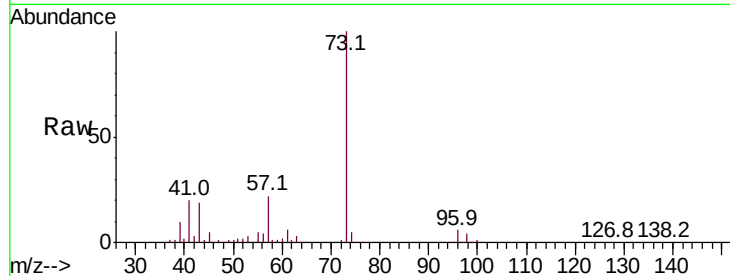
#19
Methyl tert-butyl Ether
Concen: 47.248 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.2	24.2

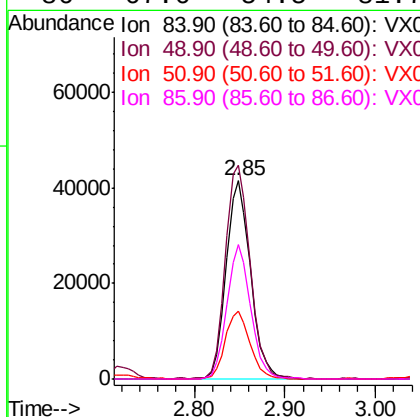
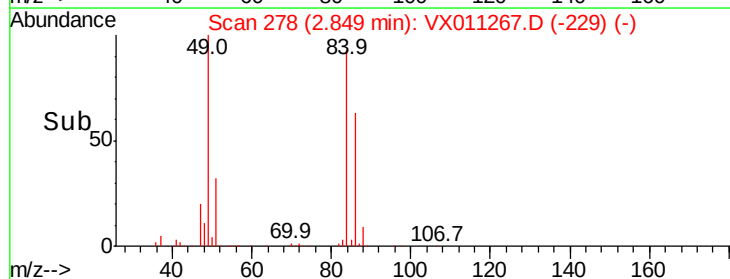
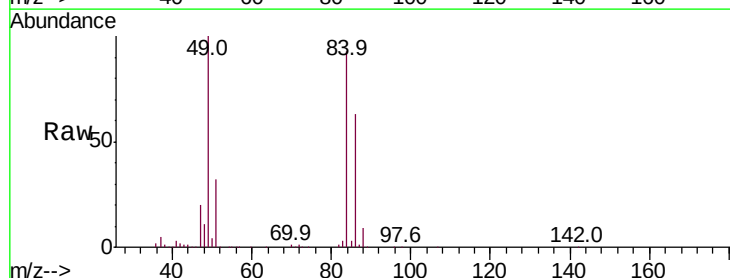
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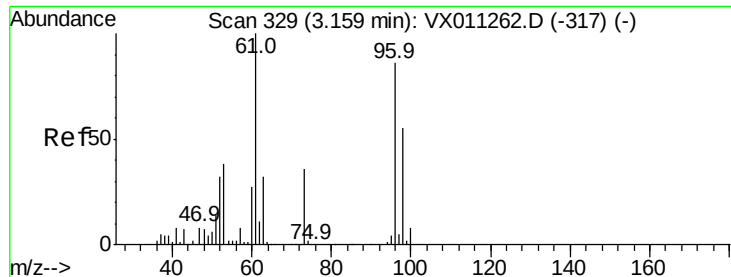
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#20
Methylene Chloride
Concen: 44.312 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.7	89.3	133.9
51	34.4	28.3	42.5
86	67.6	54.5	81.7





#21

trans-1,2-Dichloroethene

Concen: 45.441 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 72921

Ion Ratio Lower Upper

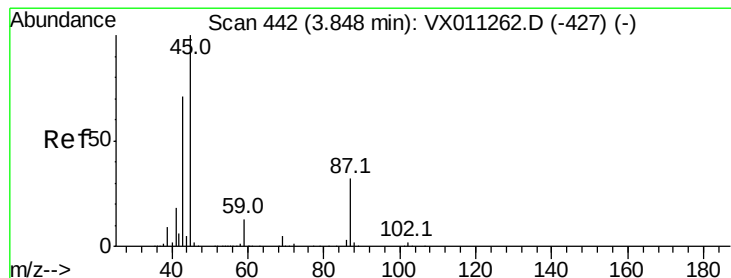
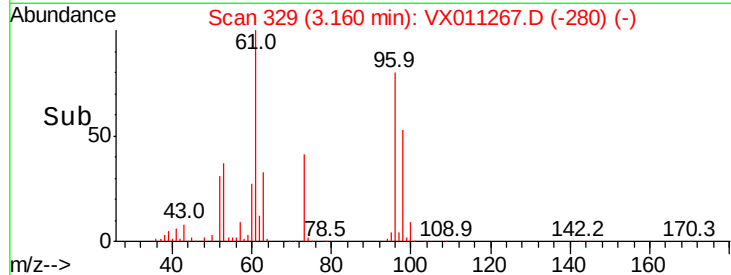
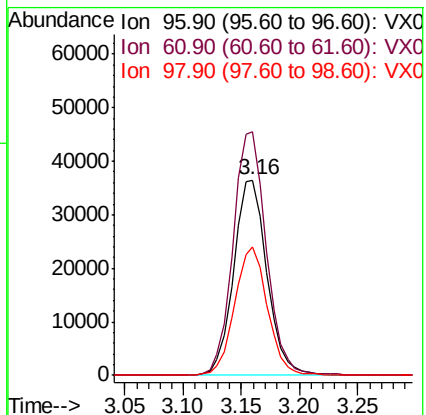
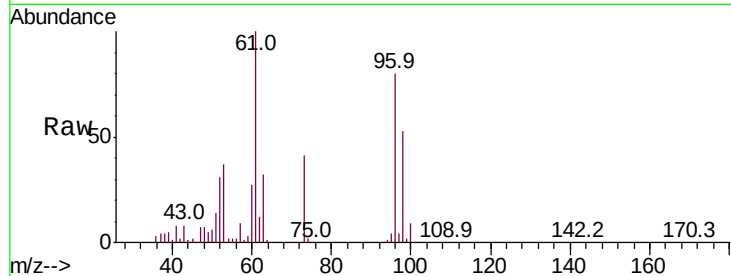
96 100

61 124.6 92.8 139.2

98 66.0 51.2 76.8

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#22

Diisopropyl ether

Concen: 46.882 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Tgt Ion: 45 Resp: 208389

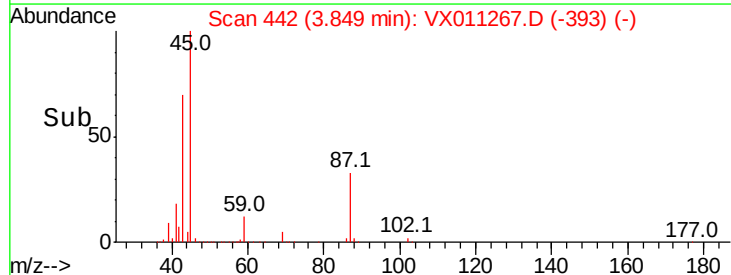
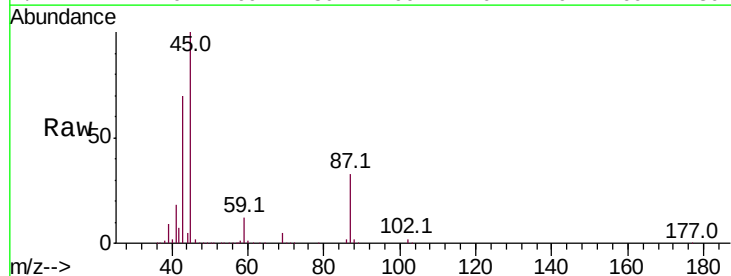
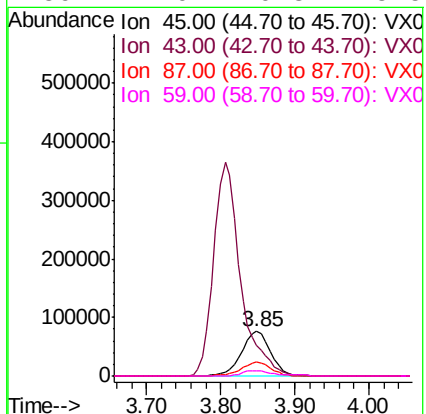
Ion Ratio Lower Upper

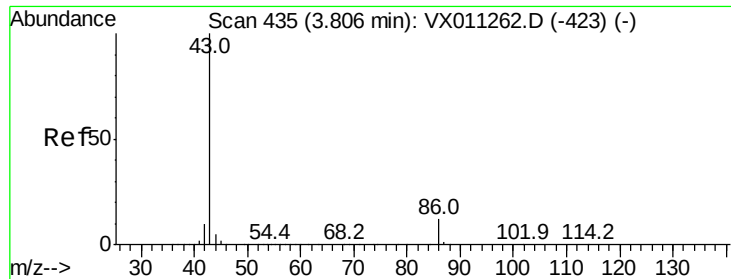
45 100

43 69.2 56.8 85.2

87 32.7 25.8 38.6

59 12.0 10.3 15.5





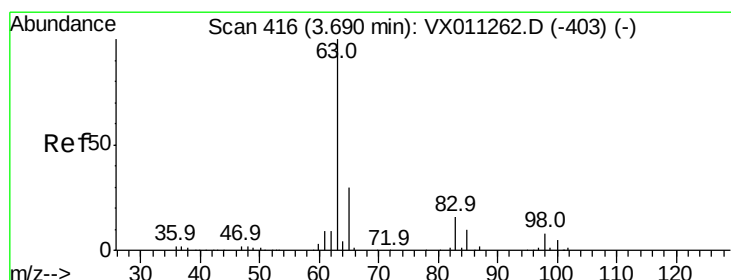
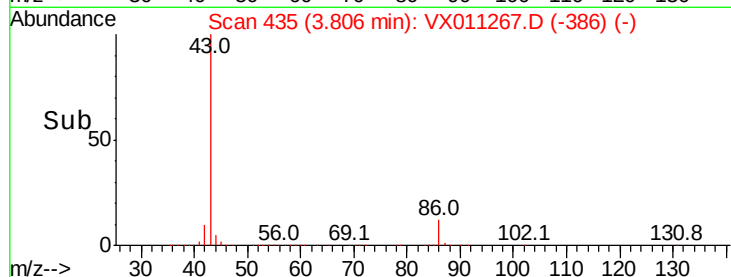
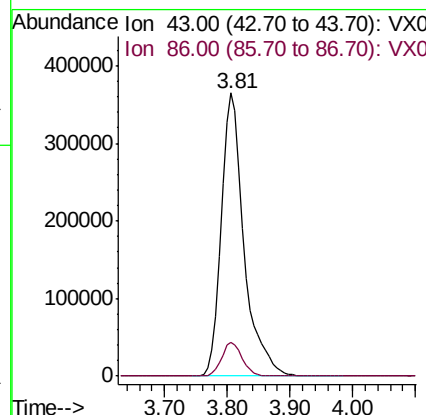
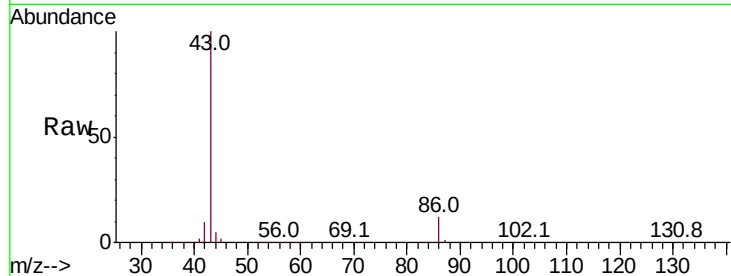
#23
 Vinyl Acetate
 Concen: 248.575 ug/l
 RT: 3.81 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: VX011267.D
 Acq: 01 Aug 2019 18:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 916411
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.6 14.4

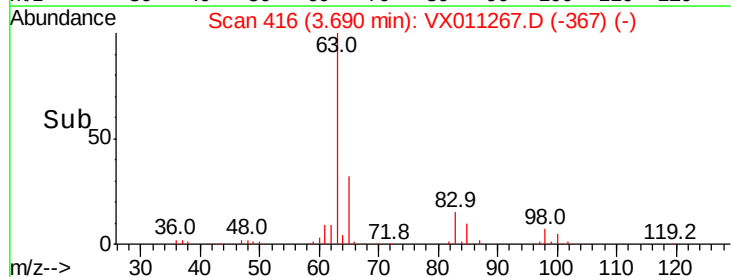
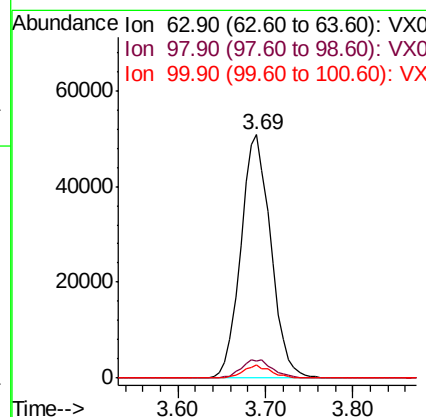
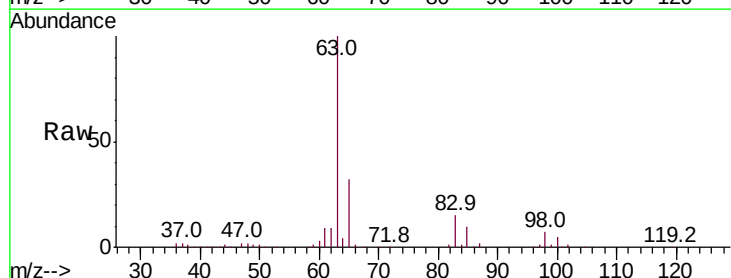
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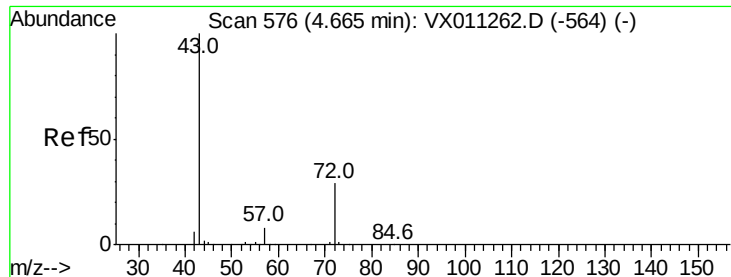
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#24
 1,1-Dichloroethane
 Concen: 46.180 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: VX011267.D
 Acq: 01 Aug 2019 18:33

Tgt Ion: 63 Resp: 121038
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.5
 100 5.5 2.7 8.1





#25

2-Butanone

Concen: 232.178 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 263966

Ion Ratio Lower Upper

43 100

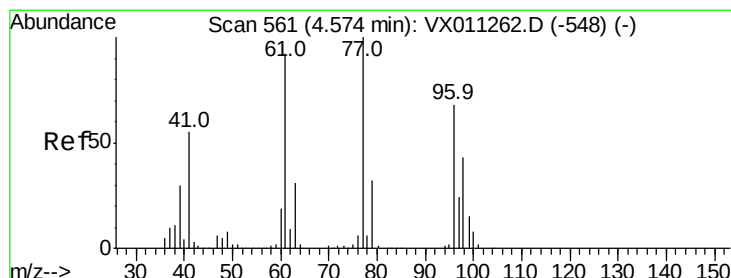
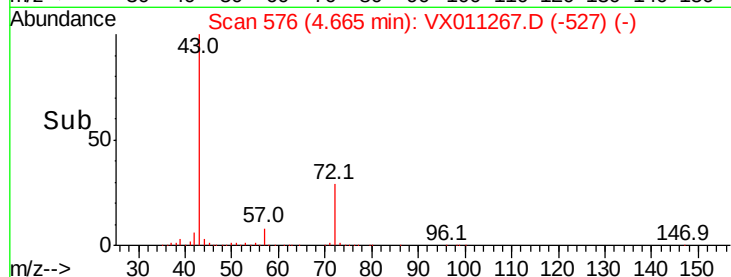
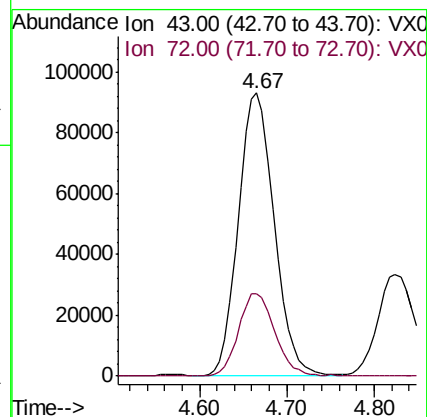
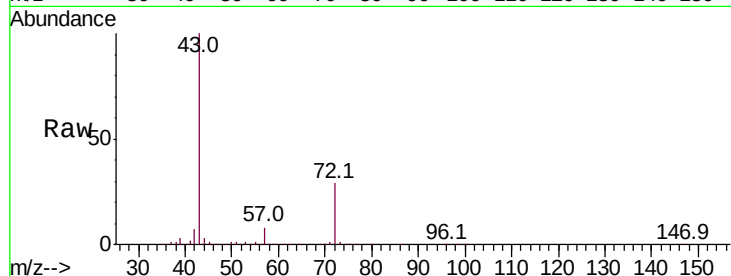
72 29.2 23.2 34.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.319 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011267.D

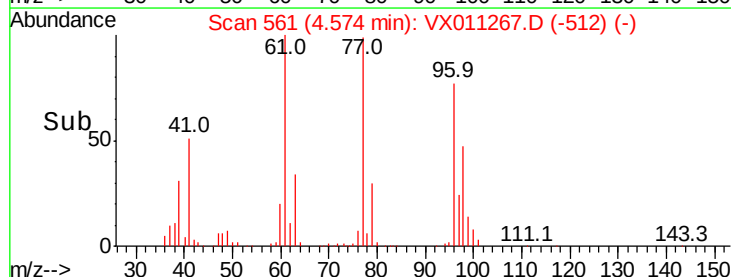
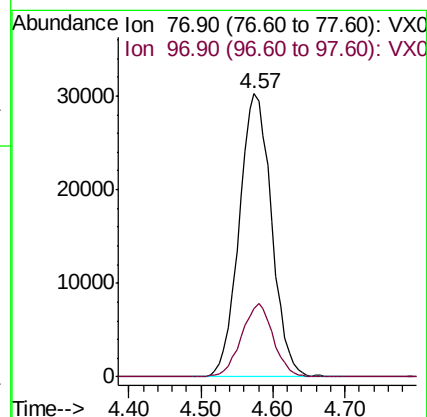
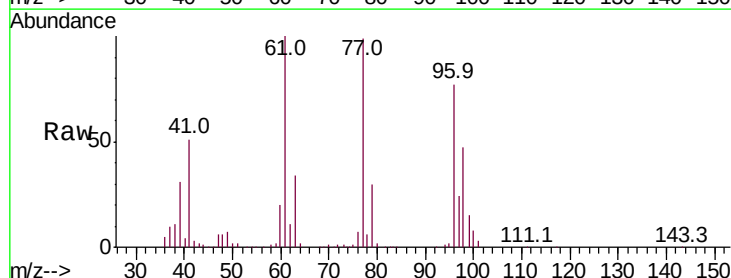
Acq: 01 Aug 2019 18:33

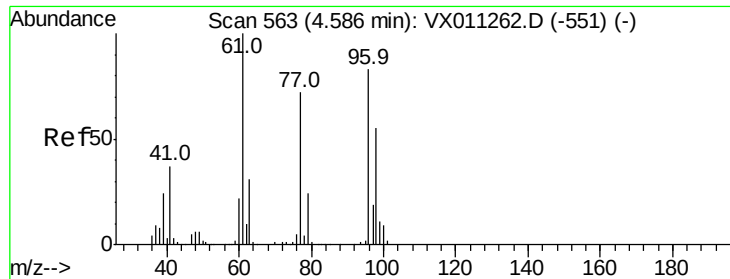
Tgt Ion: 77 Resp: 94373

Ion Ratio Lower Upper

77 100

97 25.5 12.8 38.4





#27

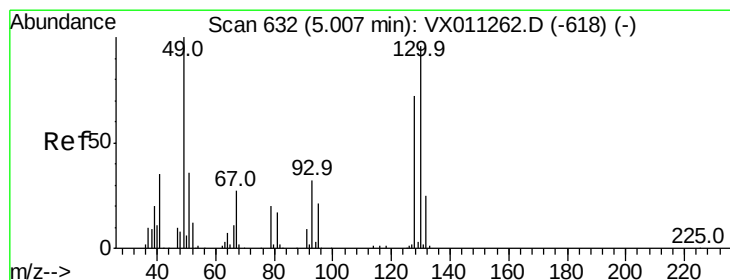
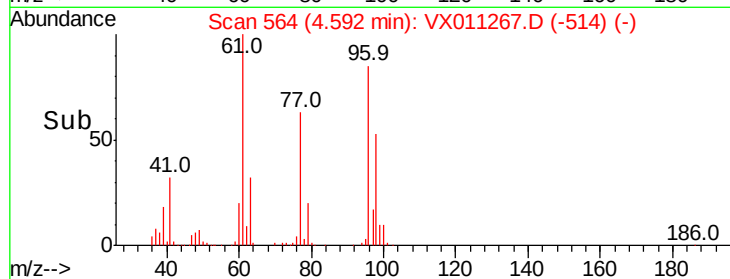
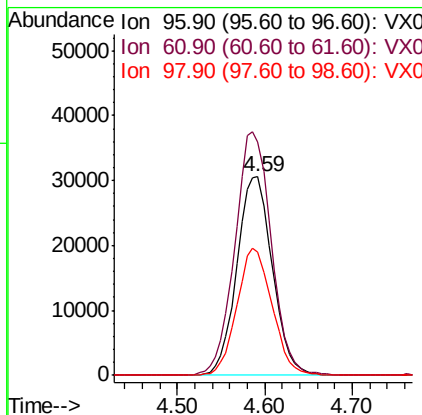
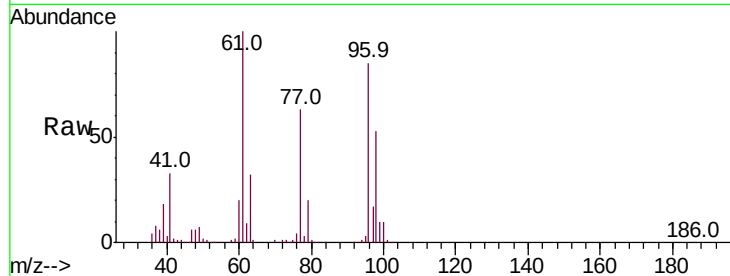
cis-1,2-Dichloroethene
Concen: 46.651 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	86230		
61	126.1	0.0	260.2	
98	63.8	0.0	133.2	

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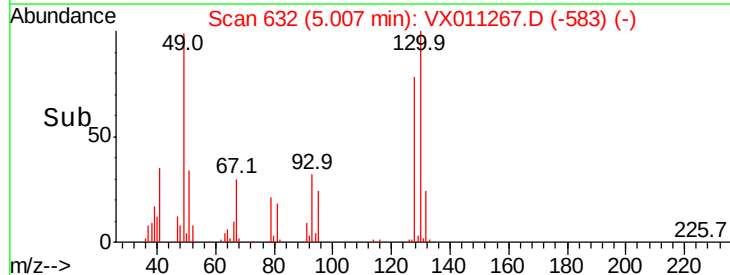
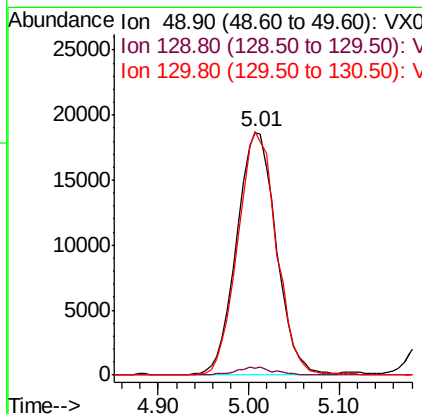
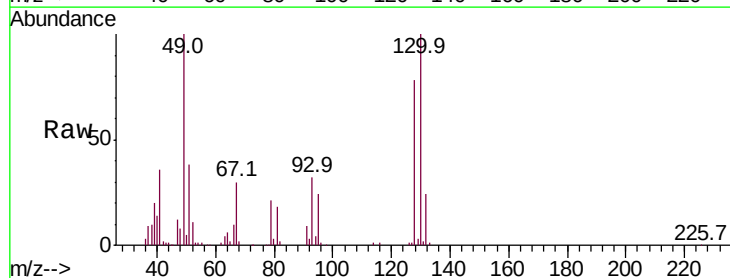
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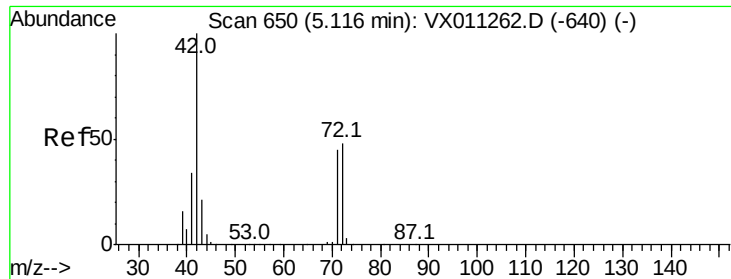


#28

Bromochloromethane
Concen: 47.511 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	56770		
129	3.1	0.0	5.8	
130	97.4	77.9	116.9	





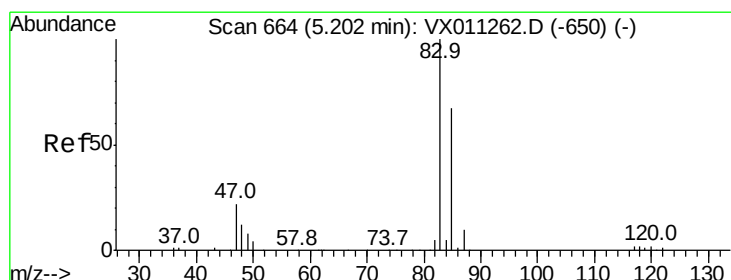
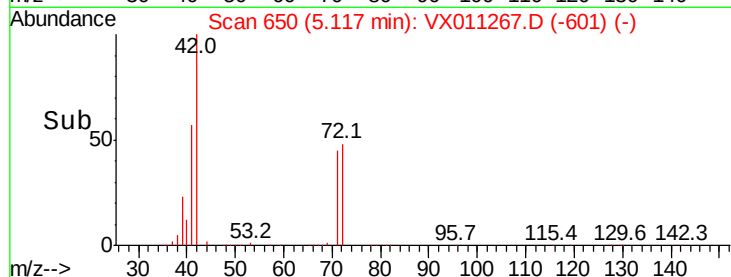
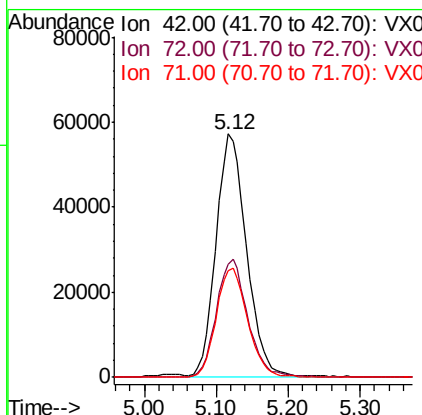
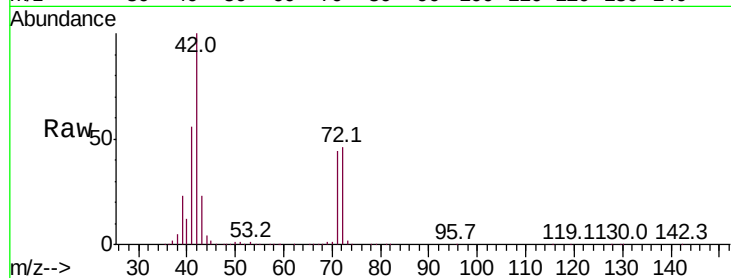
#29
Tetrahydrofuran
Concen: 241.518 ug/l
RT: 5.12 min Scan# 650
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.0	39.9	59.9
71	46.4	36.9	55.3

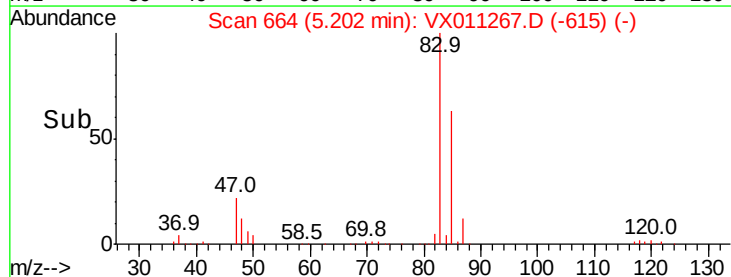
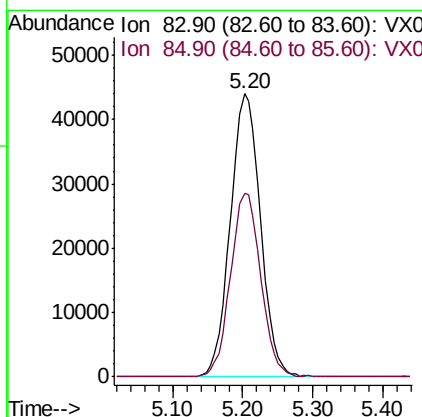
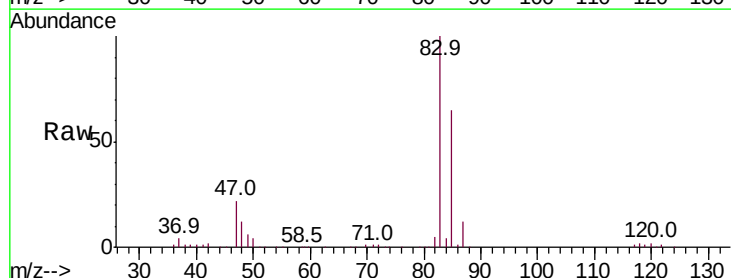
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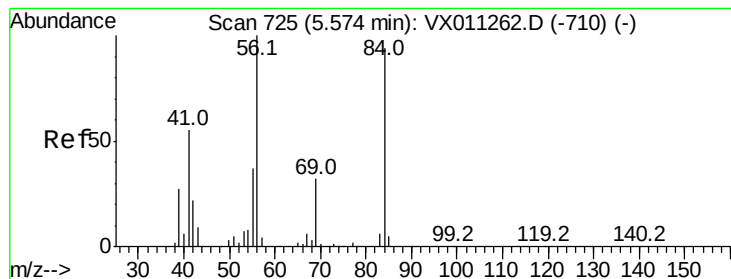
MMDadoda
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#30
Chloroform
Concen: 46.300 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	53.4	80.0





#31

Cyclohexane

Concen: 45.744 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

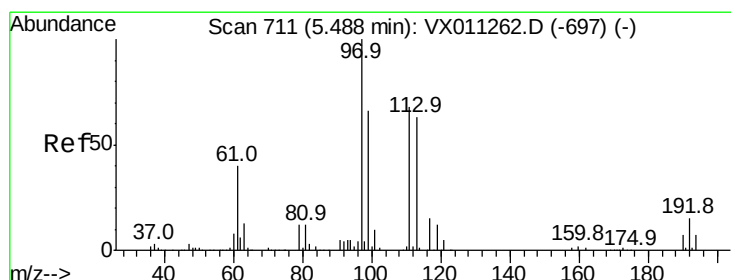
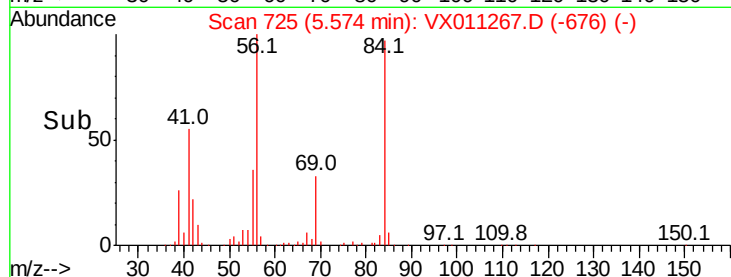
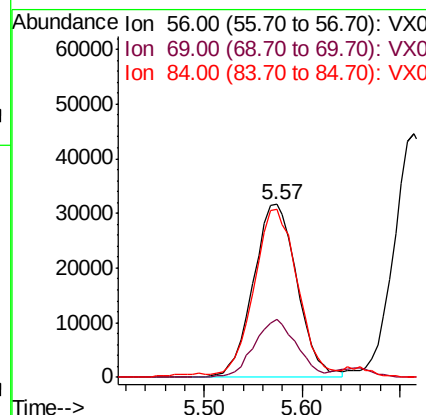
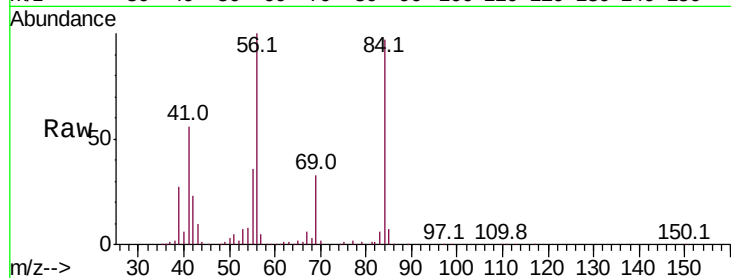
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	98915
Ion	Ratio	Lower	Upper
56	100		
69	33.3	25.5	38.3
84	95.2	75.0	112.4

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#32

1,1,1-Trichloroethane

Concen: 46.681 ug/l

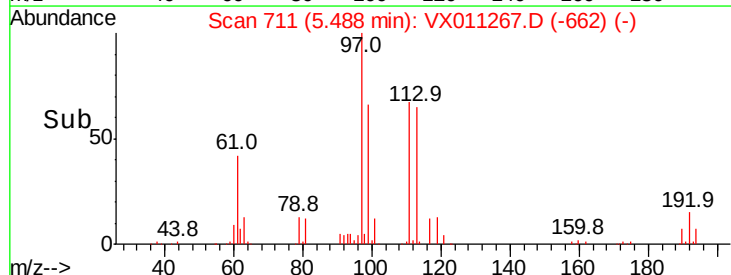
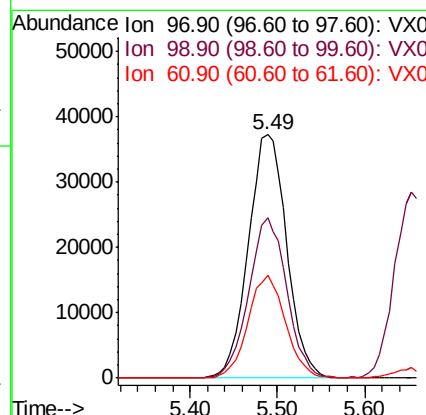
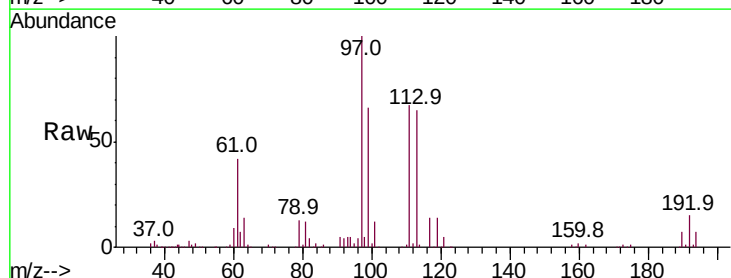
RT: 5.49 min Scan# 711

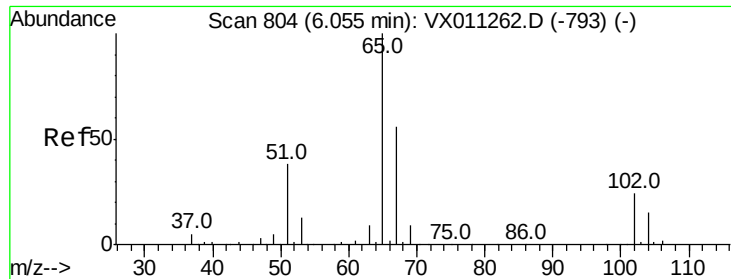
Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Tgt Ion:	97	Resp:	113916
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.6	77.4
61	41.4	32.3	48.5





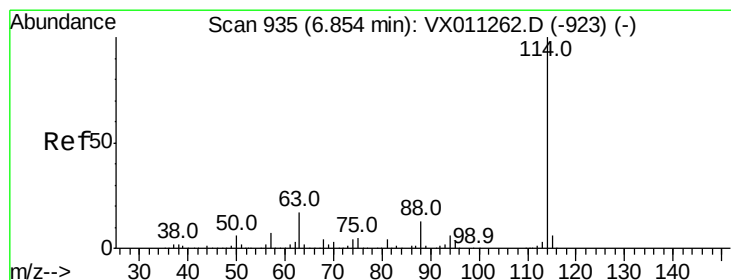
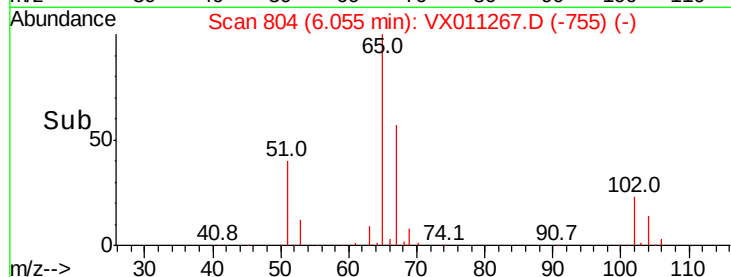
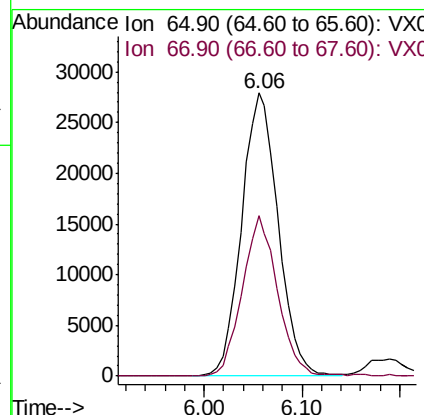
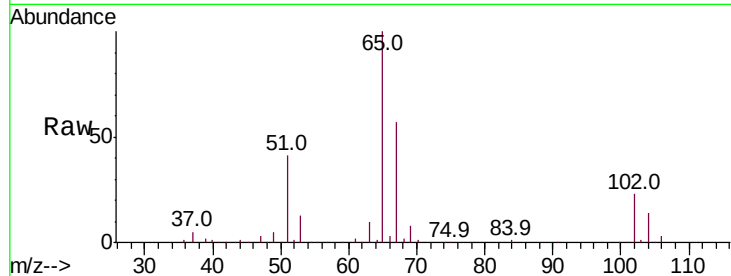
#33
 1,2-Dichloroethane-d4
 Concen: 42.984 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011267.D
 Acq: 01 Aug 2019 18:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	110.6

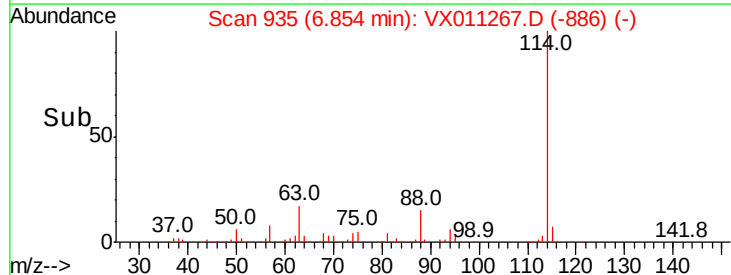
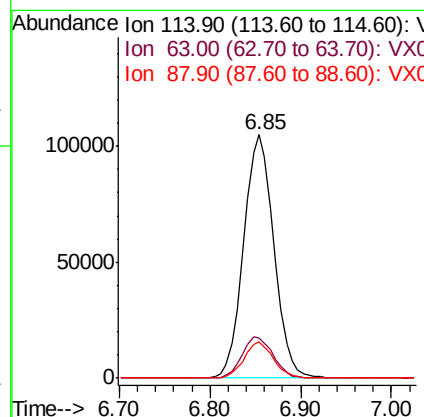
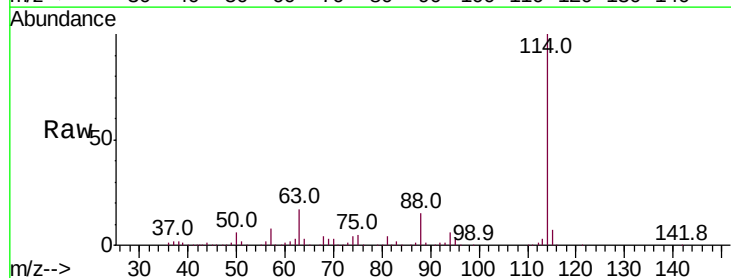
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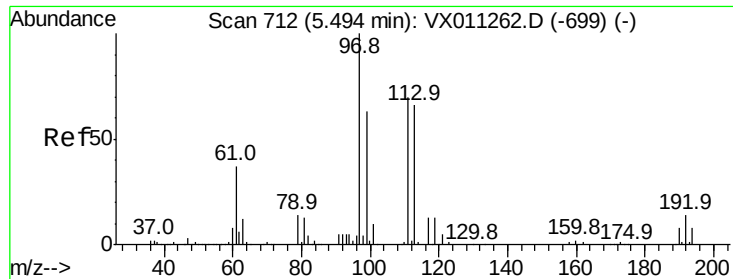
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011267.D
 Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	34.0
88	14.9	0.0	26.4





#35

Dibromofluoromethane

Concen: 44.567 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:113 Resp: 70698

Ion Ratio Lower Upper

113 100

111 100.6 81.9 122.9

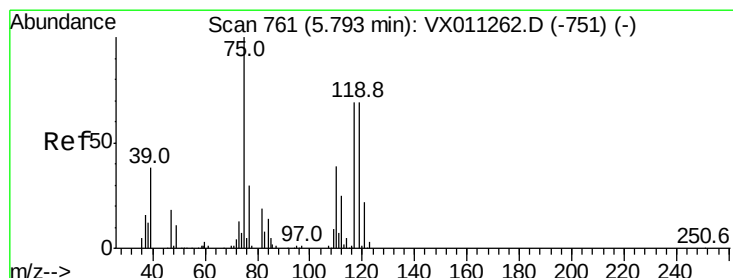
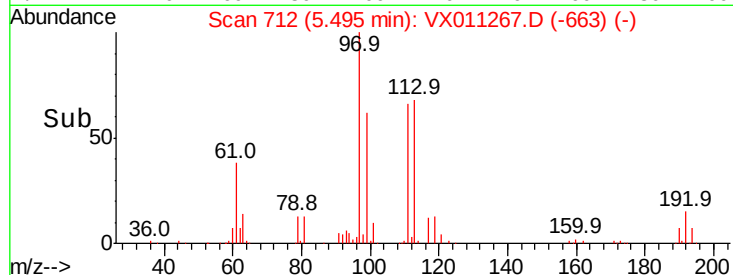
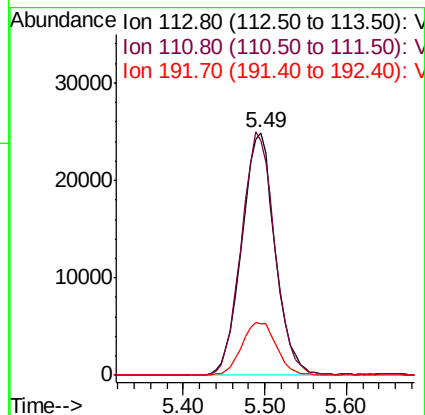
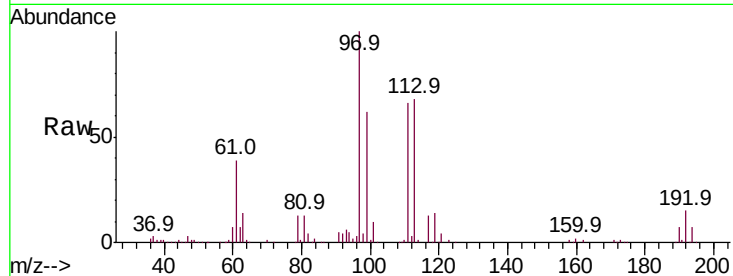
192 22.7 17.8 26.8

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#36

1,1-Dichloropropene

Concen: 44.670 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

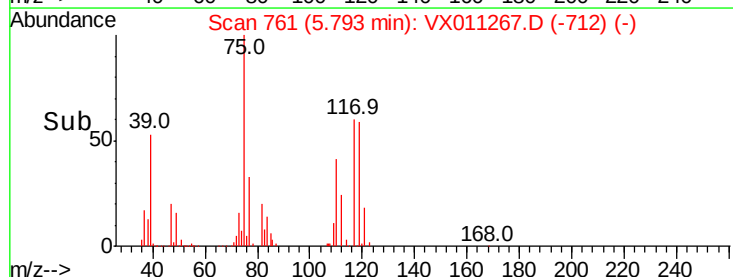
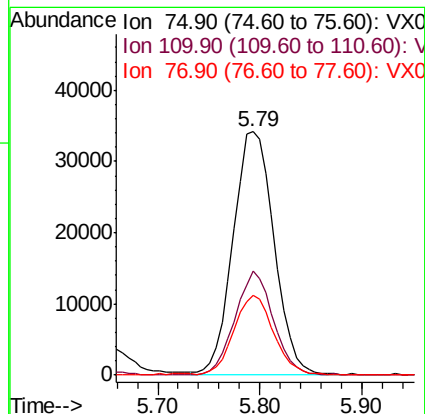
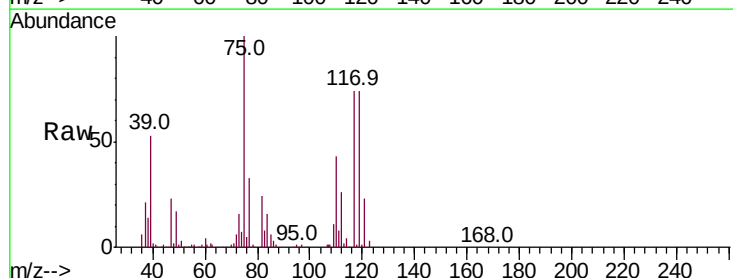
Tgt Ion: 75 Resp: 94763

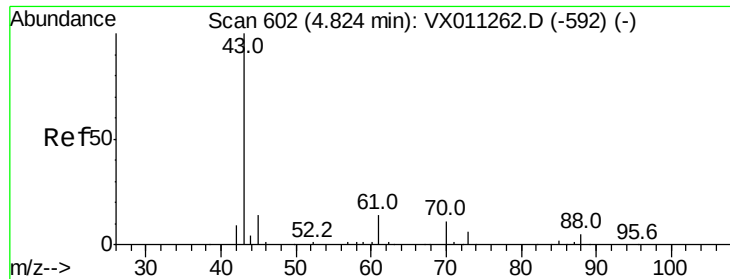
Ion Ratio Lower Upper

75 100

110 40.1 20.0 59.9

77 32.0 24.8 37.2





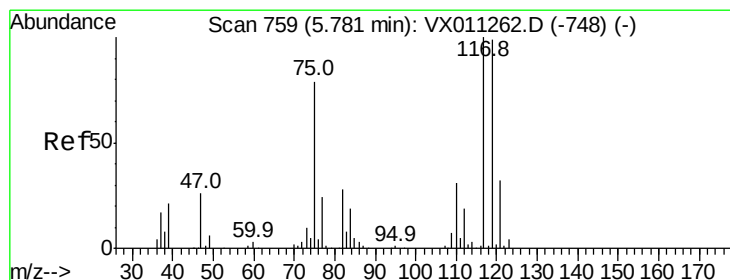
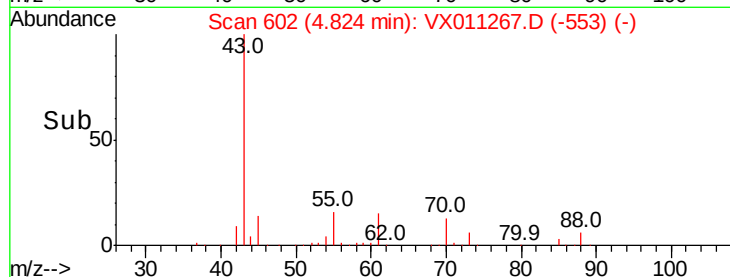
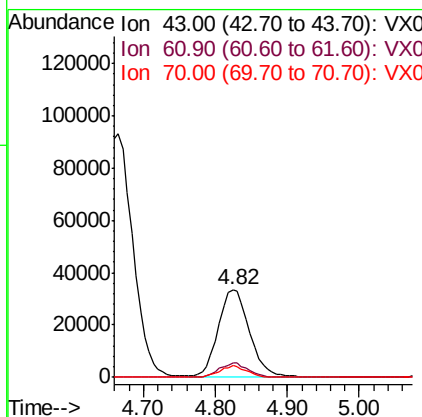
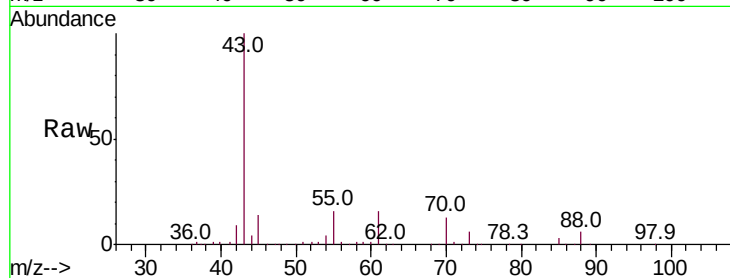
#37
Ethyl Acetate
Concen: 47.363 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	100786
Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.6	18.8
70	11.7	9.1	13.7

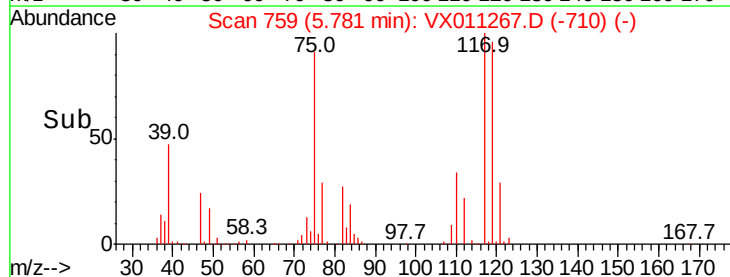
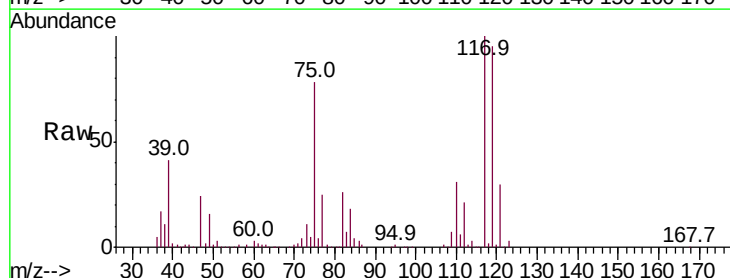
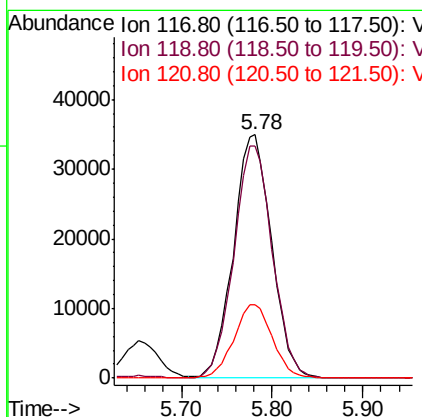
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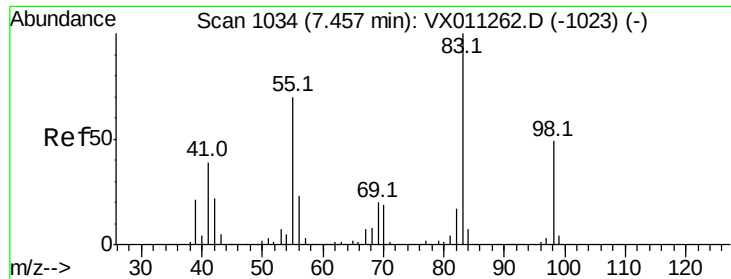
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#38
Carbon Tetrachloride
Concen: 47.747 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Tgt Ion	117	Resp	101905
Ion	Ratio	Lower	Upper
117	100		
119	95.1	79.0	118.4
121	30.0	25.9	38.9





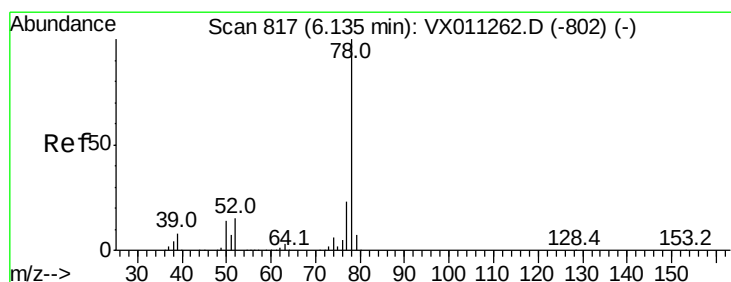
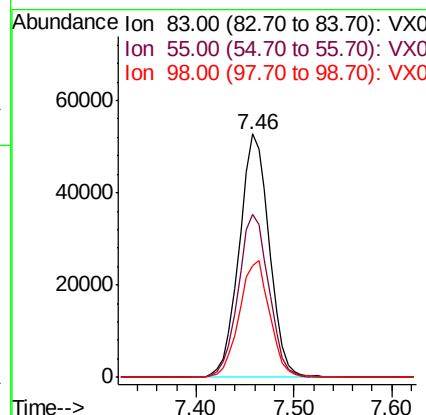
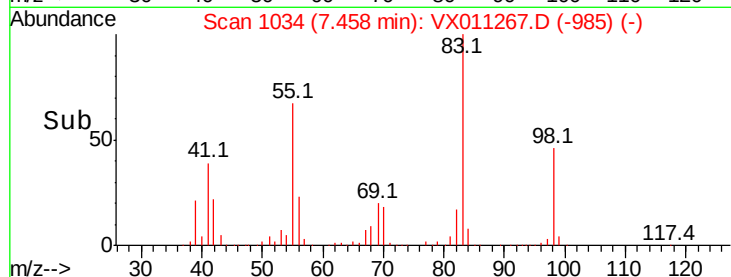
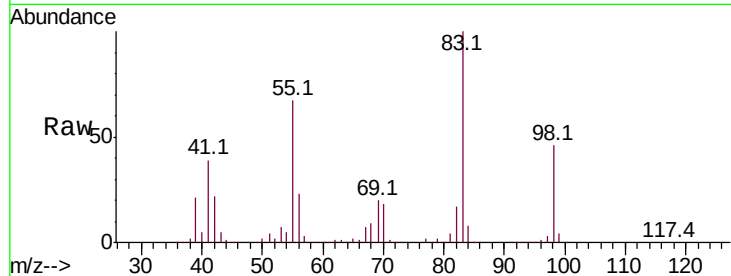
#39
Methylvlcyclohexane
Concen: 44.606 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	66.8	56.1	84.1	
98	45.9	39.0	58.4	

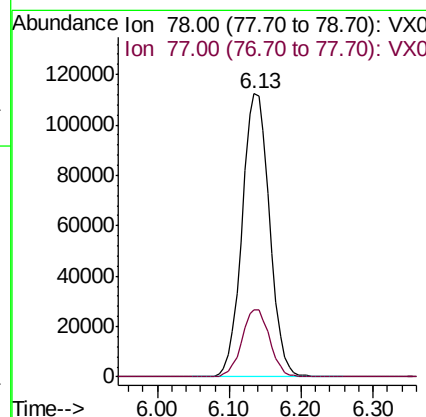
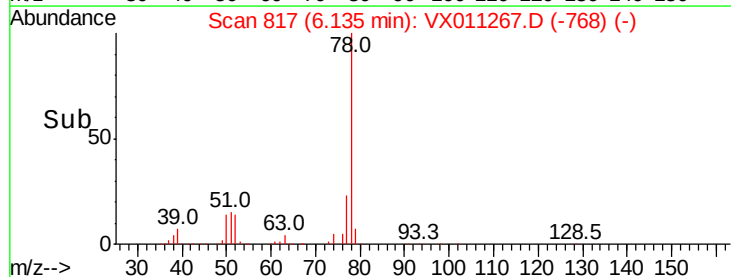
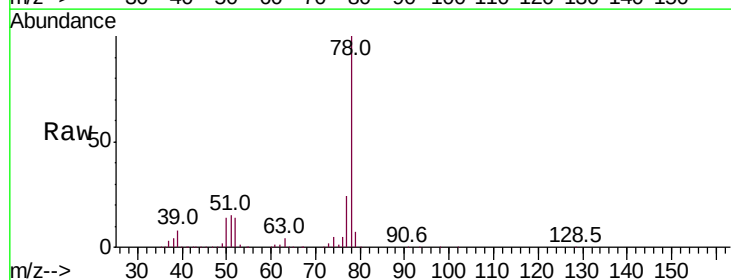
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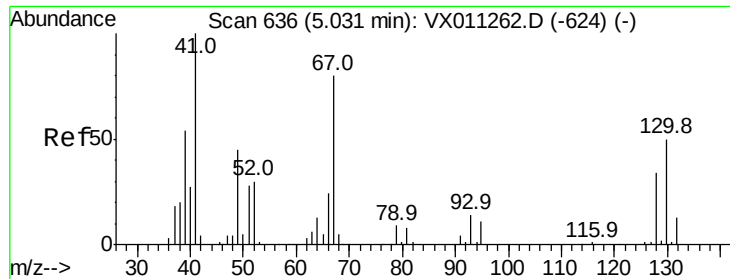
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#40
Benzene
Concen: 46.842 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.9	18.2	27.2	





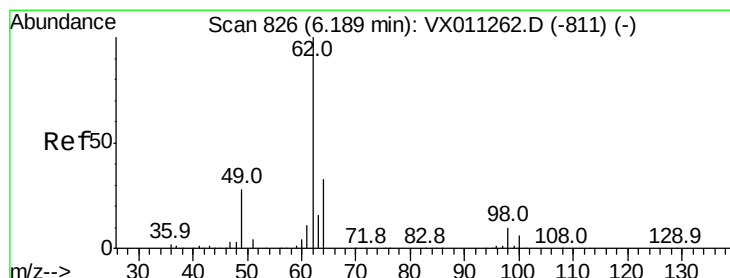
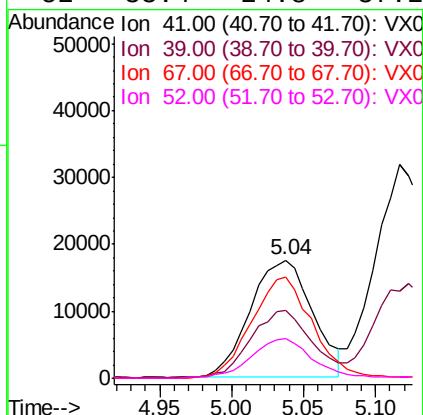
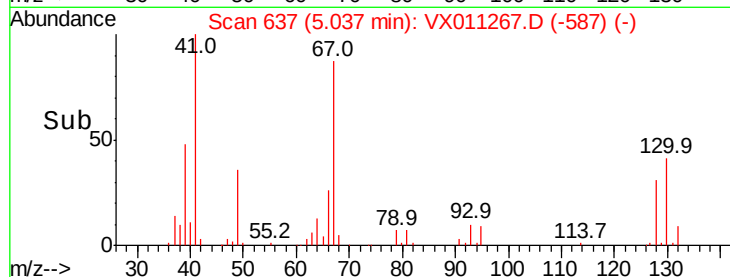
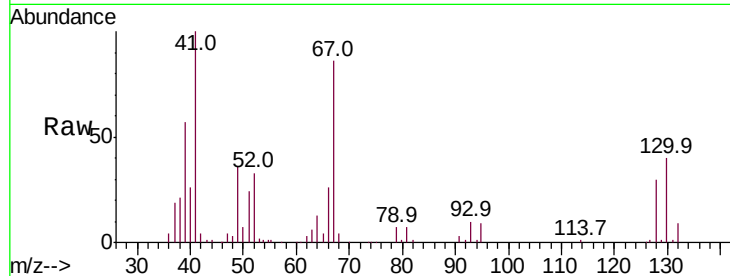
#41
Methacrylonitrile
Concen: 45.562 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.0	43.0	64.6
67	84.3	65.1	97.7
52	33.4	24.8	37.2

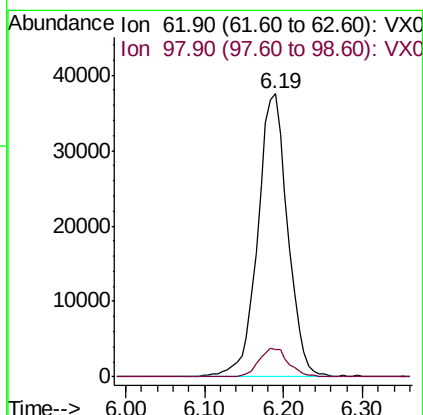
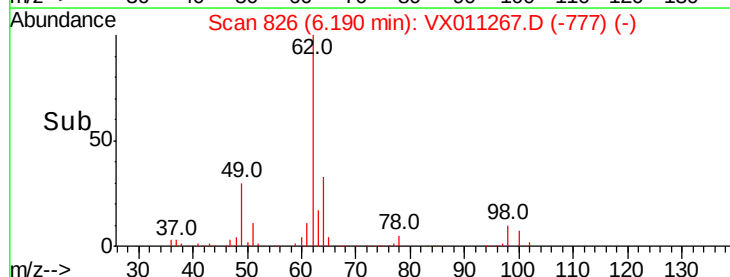
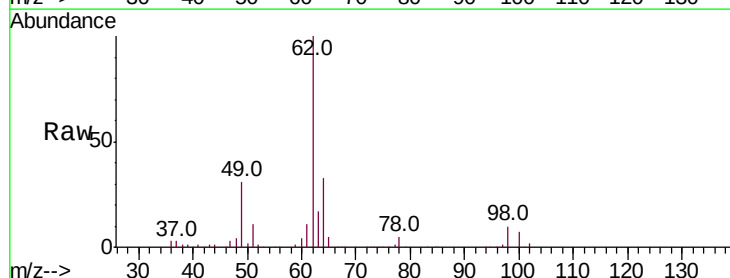
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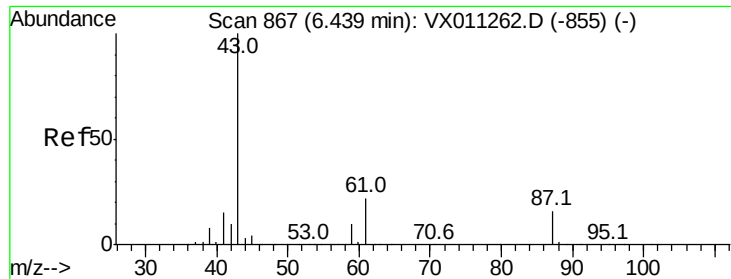
MMDadoda
8/2/2019 9:05:03 AM



#42
1,2-Dichloroethane
Concen: 46.413 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.6





#43

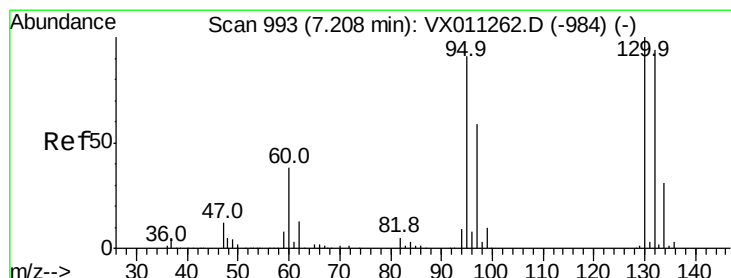
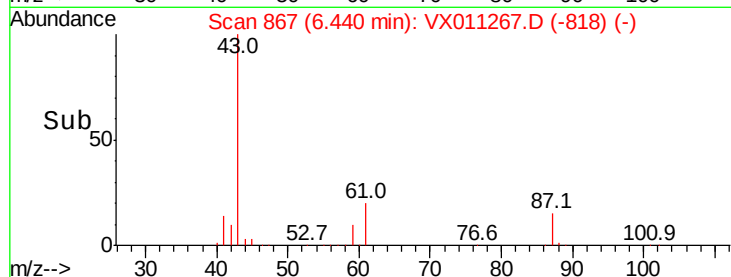
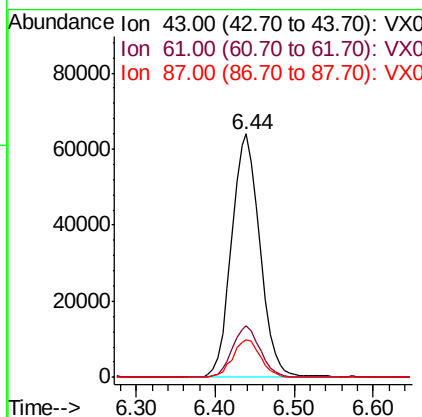
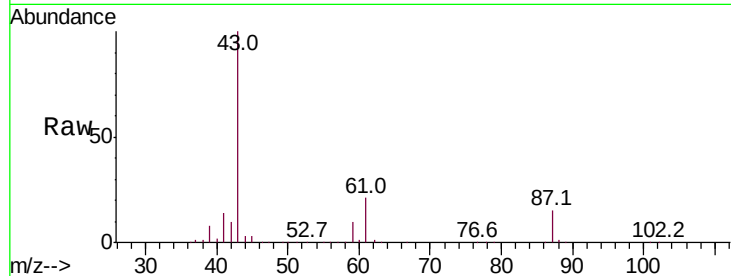
Isopropyl Acetate
 Concen: 46.690 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011267.D
 Acq: 01 Aug 2019 18:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.5	24.7
87	15.3	12.1	18.1

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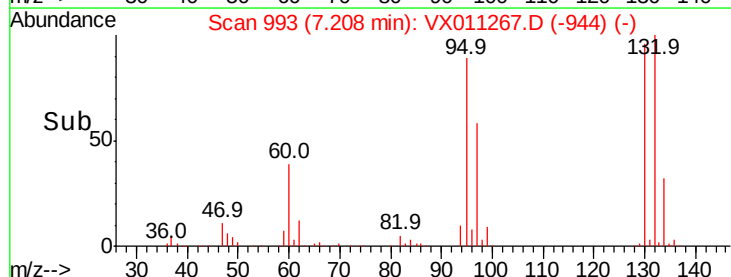
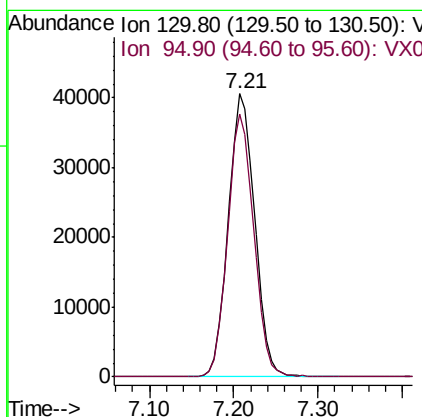
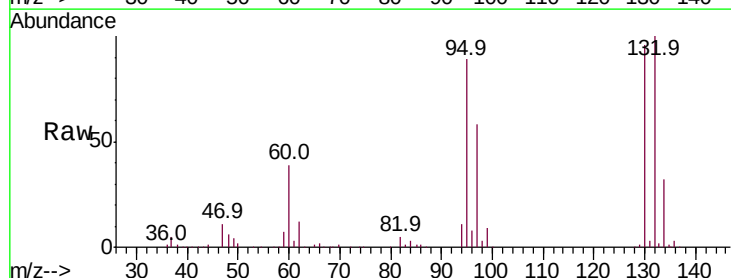
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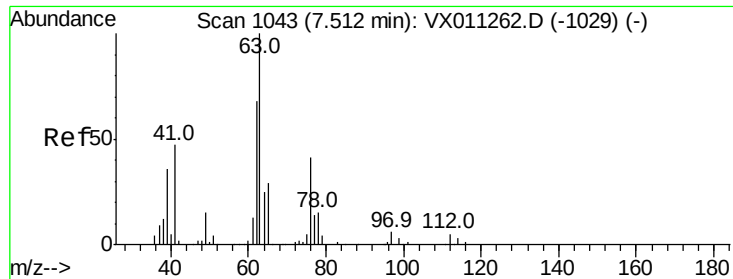


#44

Trichloroethene
 Concen: 45.251 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011267.D
 Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	182.6





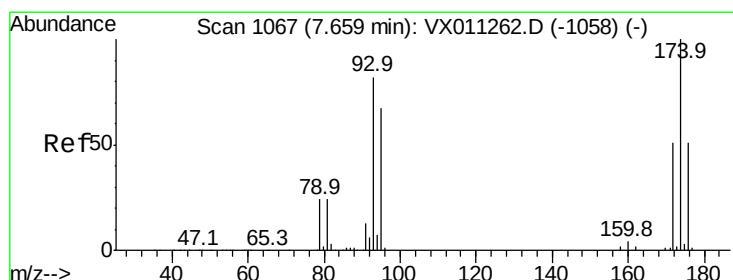
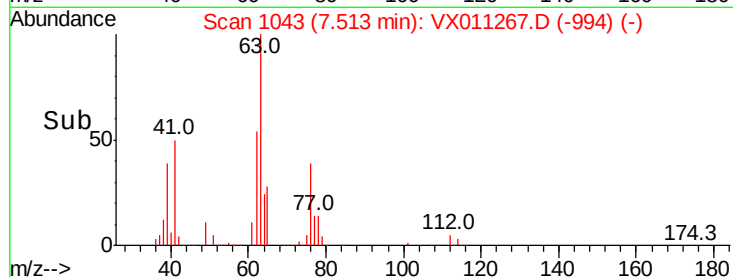
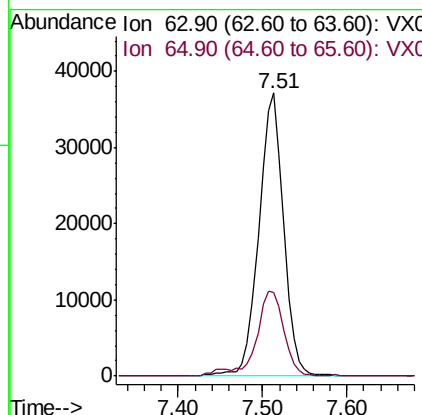
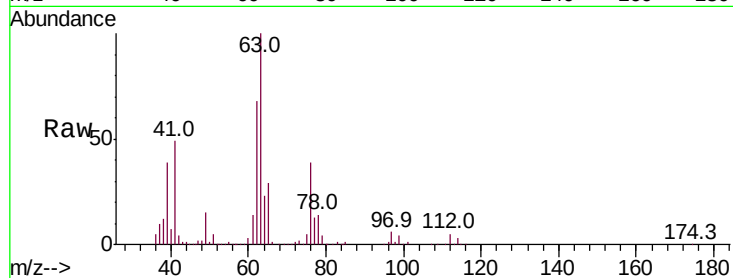
#45
 1,2-Dichloropropane
 Concen: 45.561 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011267.D
 Acq: 01 Aug 2019 18:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.3	23.3	34.9

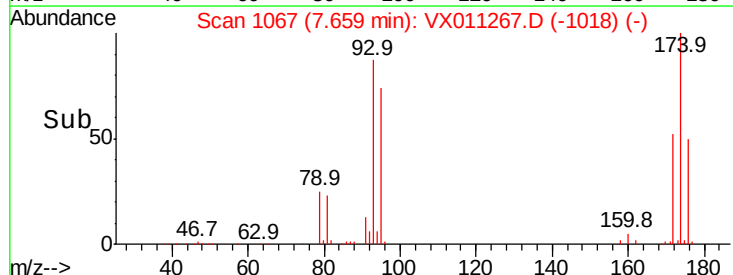
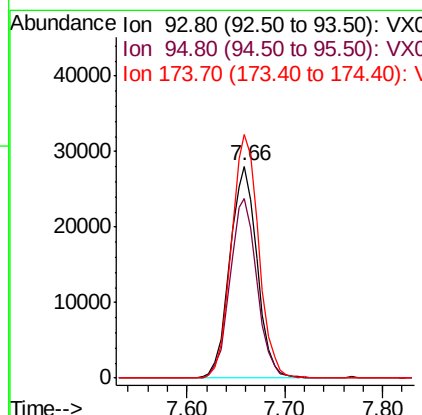
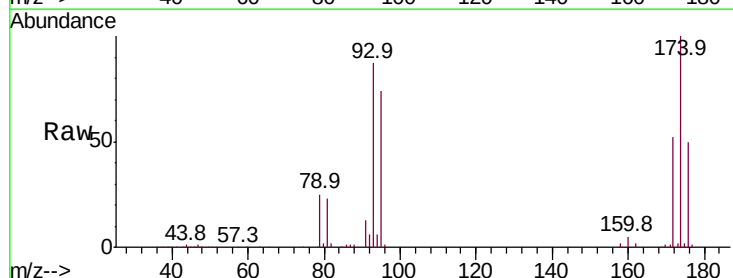
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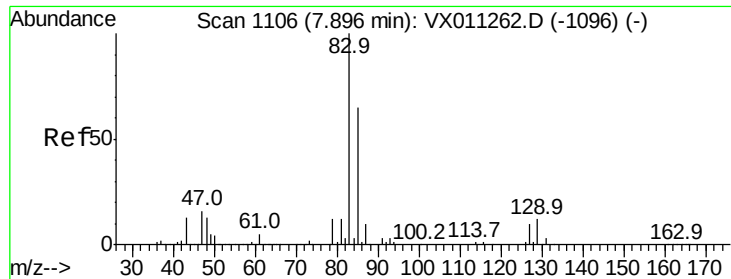
MMDadoda
 8/2/2019 9:05:03 AM



#46
 Dibromomethane
 Concen: 45.206 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011267.D
 Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.4	99.6
174	115.2	93.4	140.2





#47

Bromodichloromethane

Concen: 48.410 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

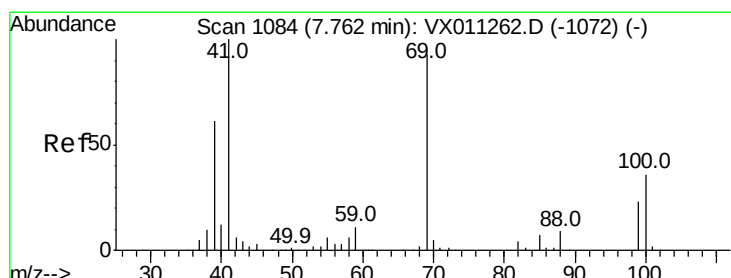
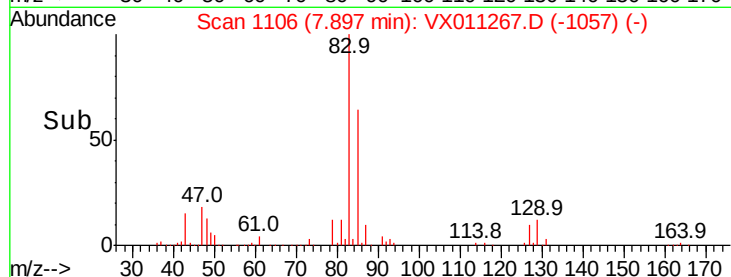
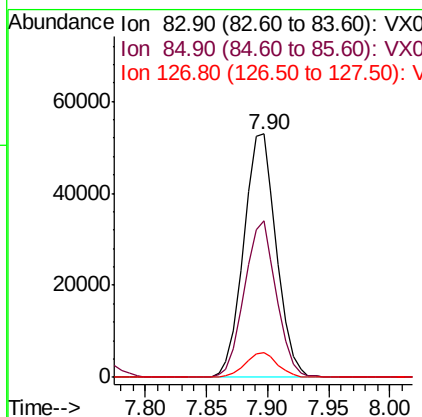
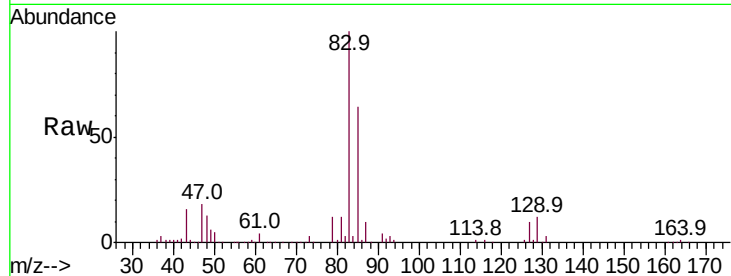
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	98095
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.2	78.2
127	10.0	7.8	11.8

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#48

Methyl methacrylate

Concen: 48.073 ug/l

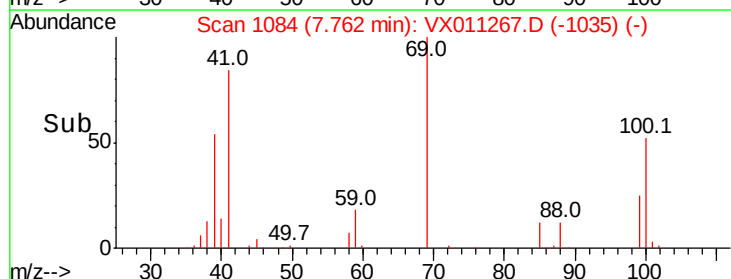
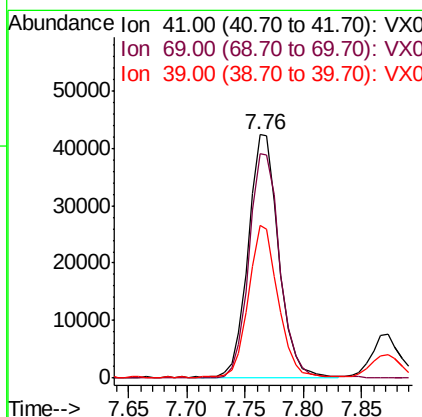
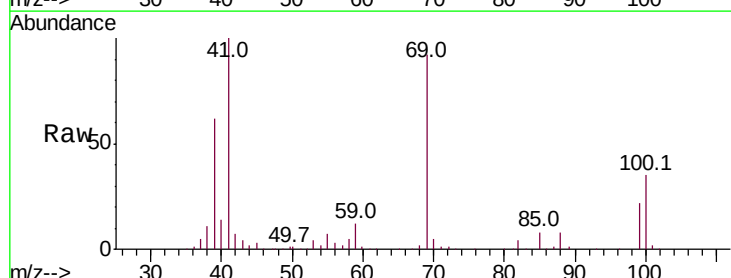
RT: 7.76 min Scan# 1084

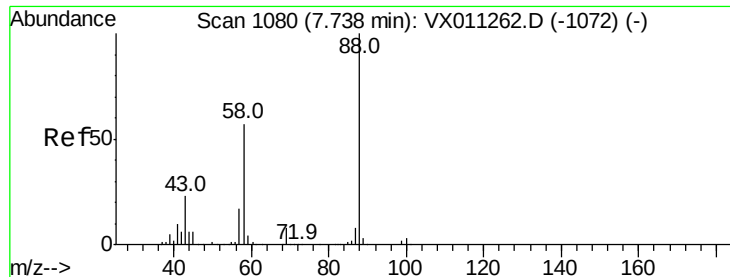
Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Tgt Ion:	41	Resp:	76968
Ion	Ratio	Lower	Upper
41	100		
69	94.2	74.5	111.7
39	60.4	48.6	72.8





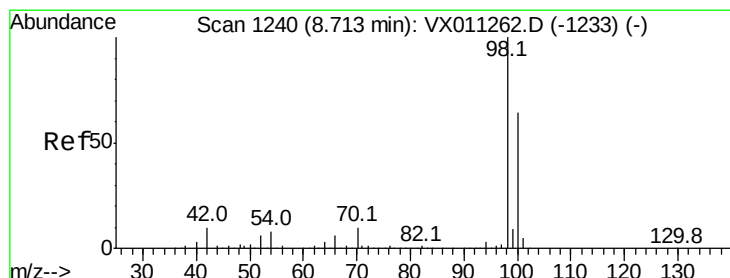
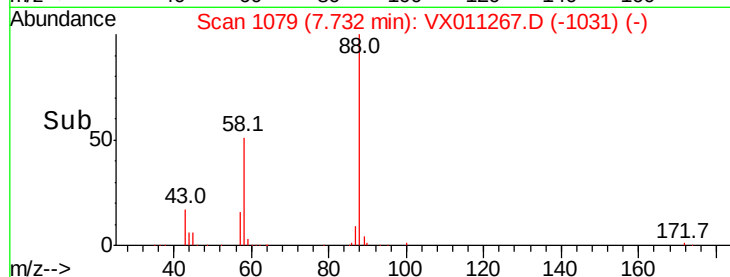
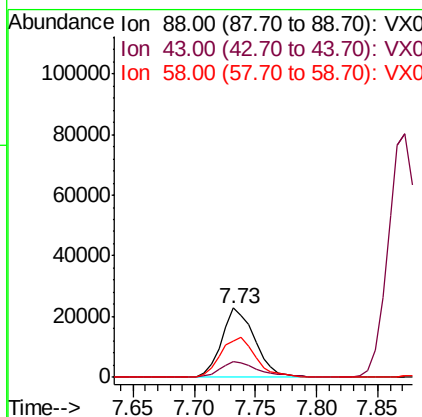
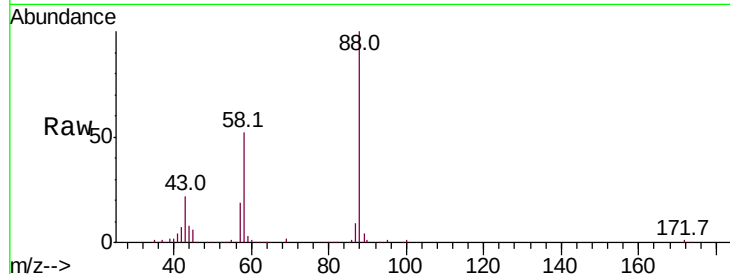
#49
1,4-Dioxane
Concen: 923.752 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.3	22.2	33.2
58	61.4	47.8	71.8

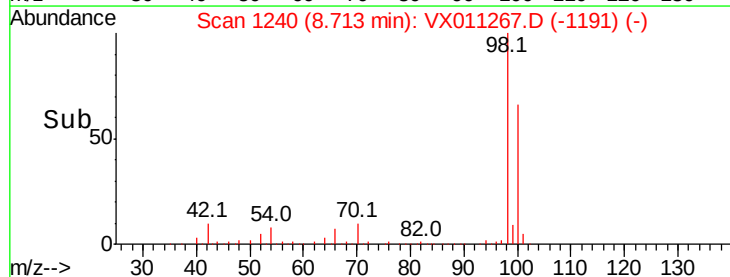
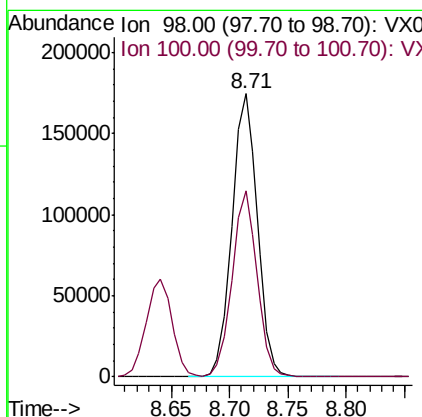
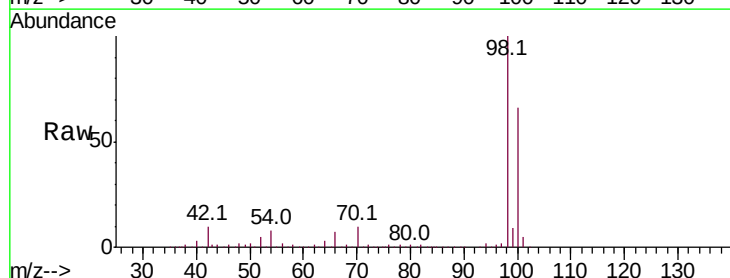
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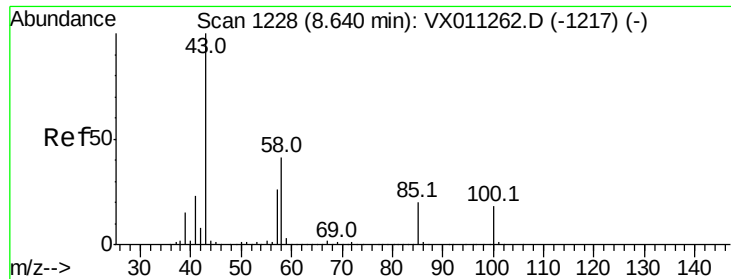
MMDadoda
8/2/2019 9:05:03 AM



#50
Toluene-d8
Concen: 44.306 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 244.155 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 536058

Ion Ratio Lower Upper

43 100

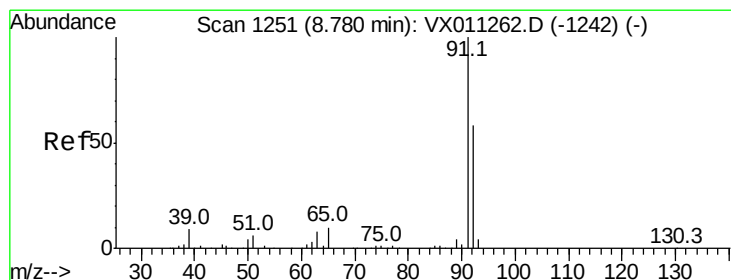
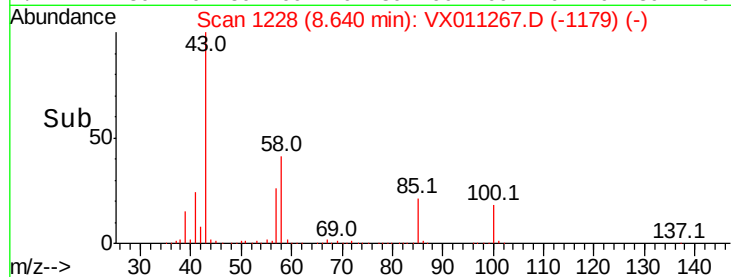
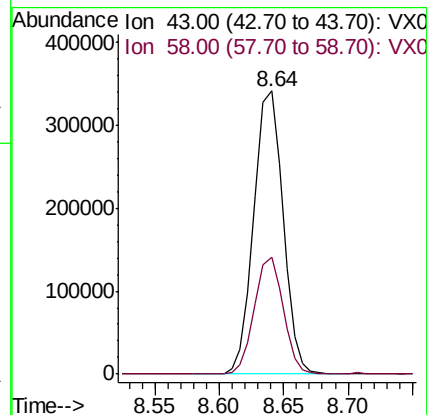
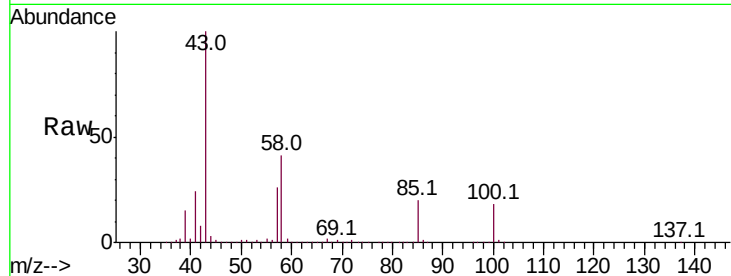
58 40.8 32.3 48.5

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#52

Toluene

Concen: 46.581 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011267.D

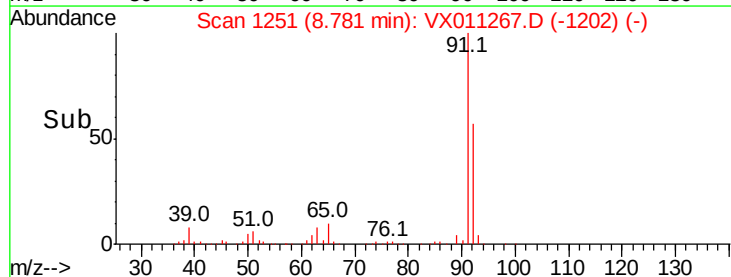
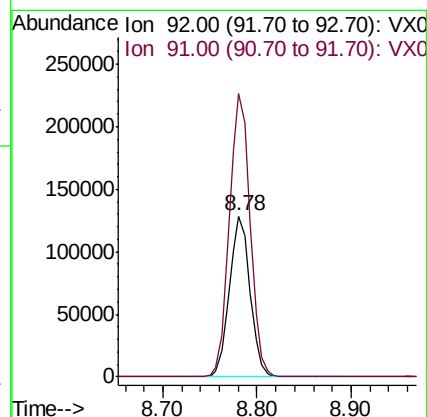
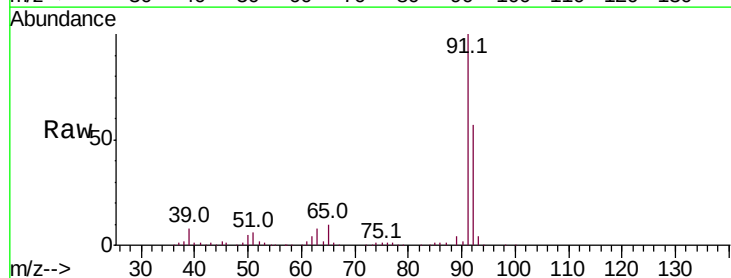
Acq: 01 Aug 2019 18:33

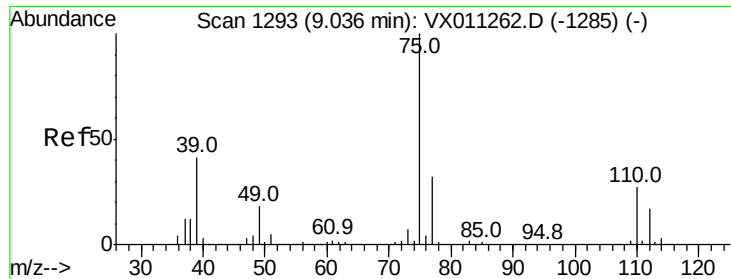
Tgt Ion: 92 Resp: 194965

Ion Ratio Lower Upper

92 100

91 177.9 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 44.464 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 104142

Ion Ratio Lower Upper

75 100

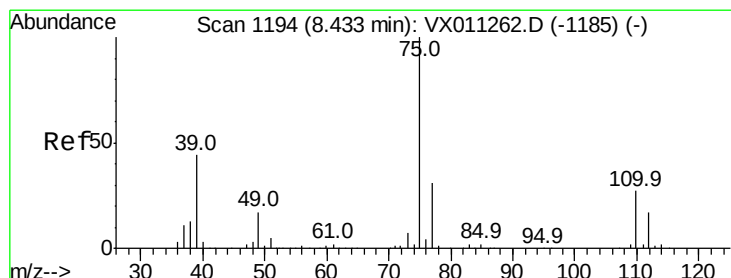
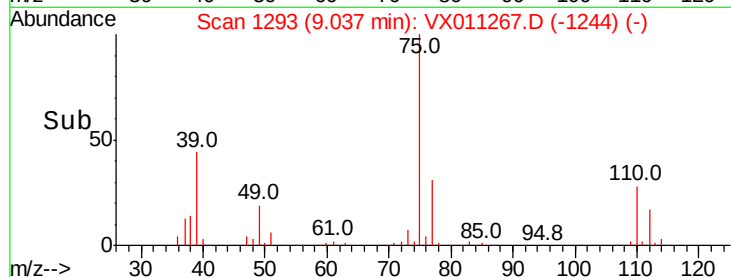
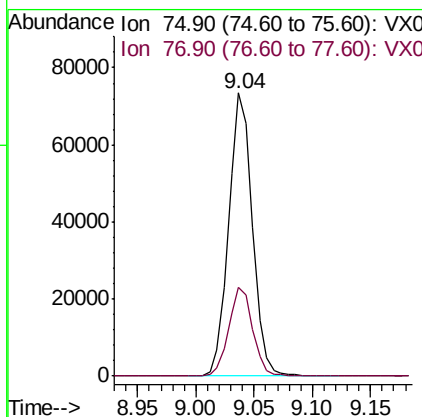
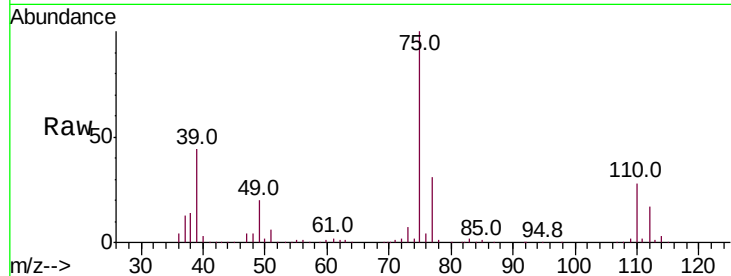
77 31.4 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 49.676 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

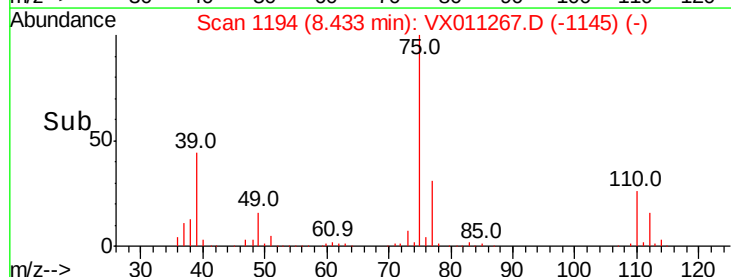
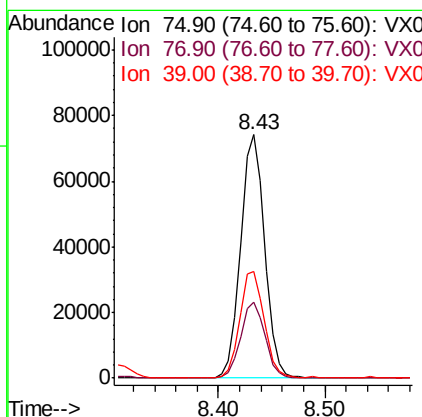
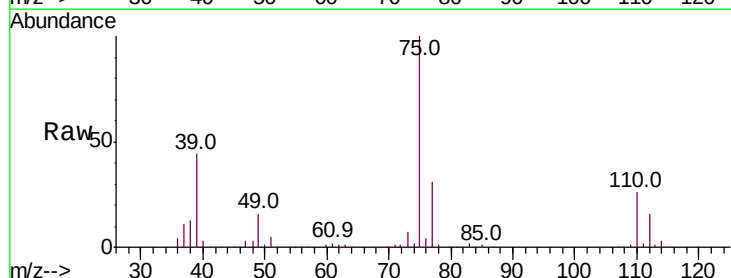
Tgt Ion: 75 Resp: 117585

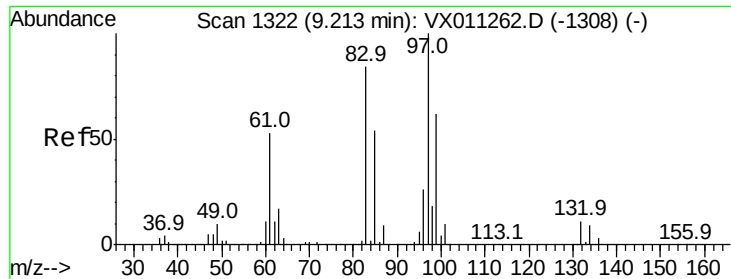
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.6

39 43.7 35.3 52.9





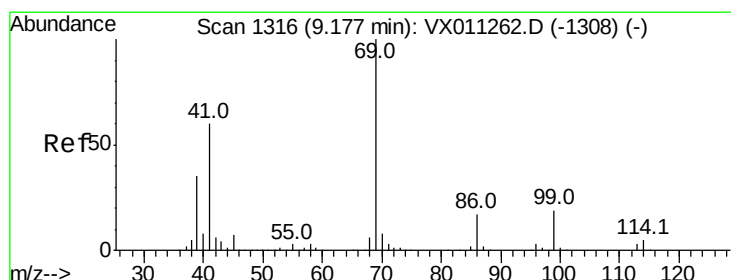
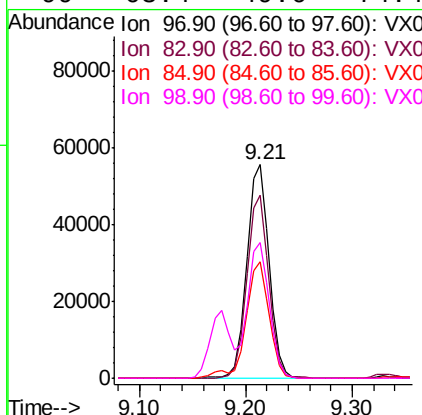
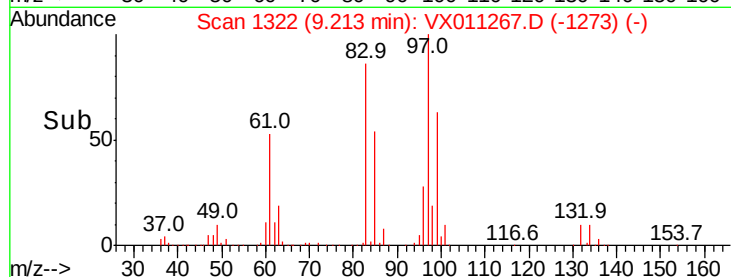
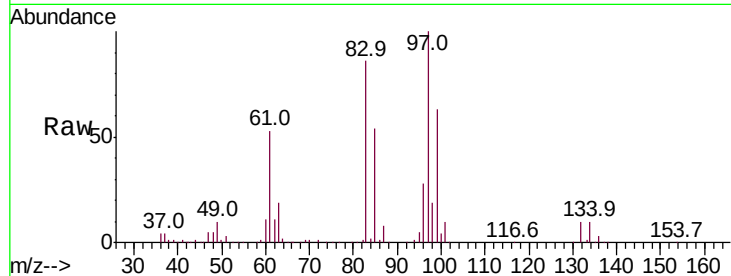
#55
 1,1,2-Trichloroethane
 Concen: 47.375 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011267.D
 Acq: 01 Aug 2019 18:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	81527
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.6	101.4
85	54.5	43.4	65.0
99	63.4	49.6	74.4

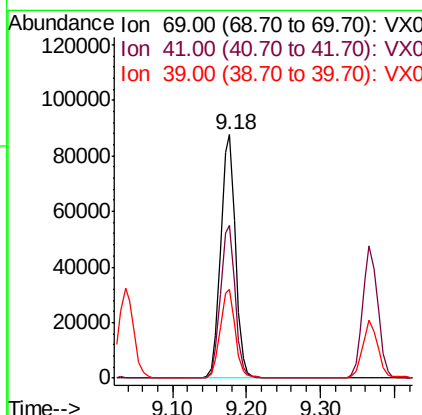
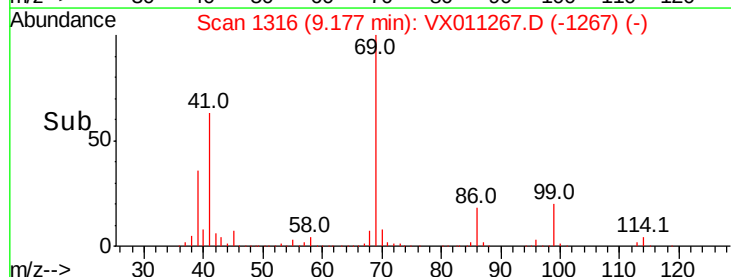
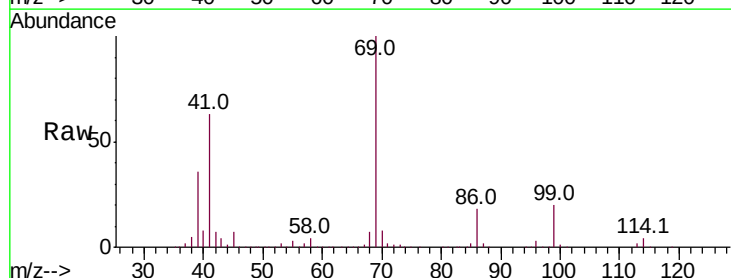
Manual Integrations
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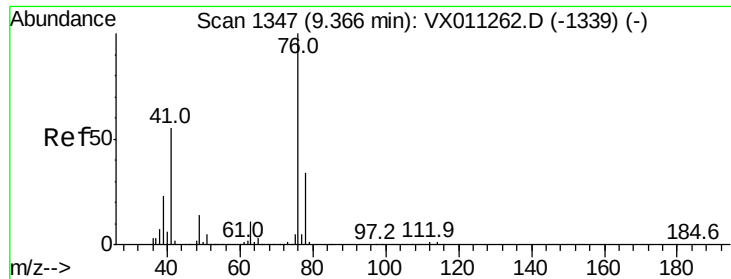
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#56
 Ethyl methacrylate
 Concen: 48.958 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011267.D
 Acq: 01 Aug 2019 18:33

Tgt Ion:	69	Resp:	120064
Ion	Ratio	Lower	Upper
69	100		
41	62.0	48.6	73.0
39	36.7	29.4	44.2





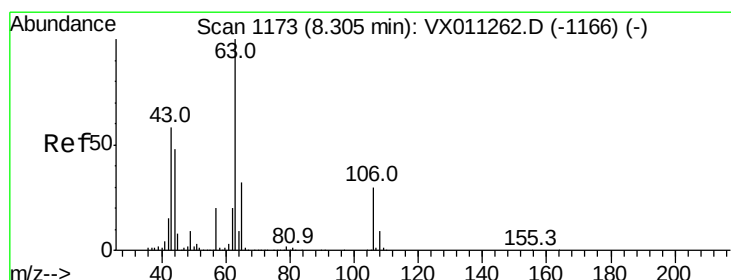
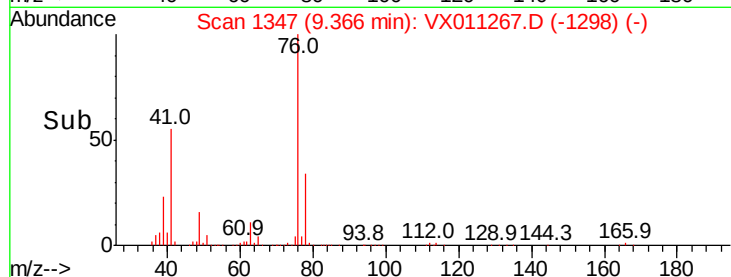
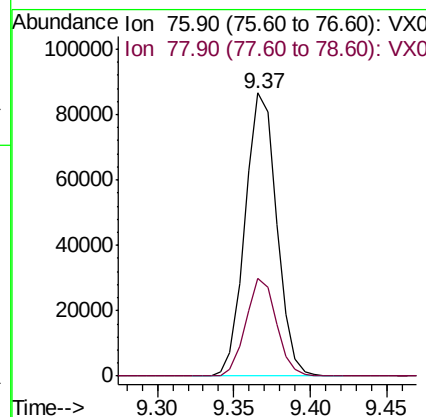
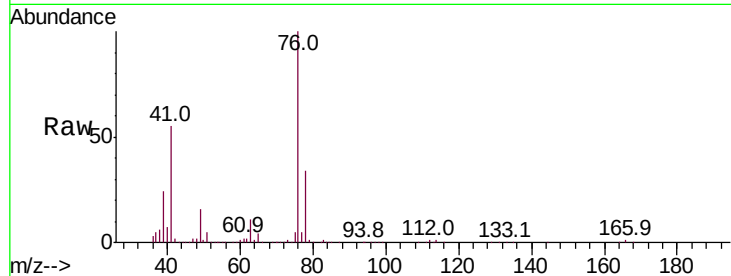
#57
 1,3-Dichloropropane
 Concen: 45.728 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011267.D
 Acq: 01 Aug 2019 18:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.3	26.6	40.0

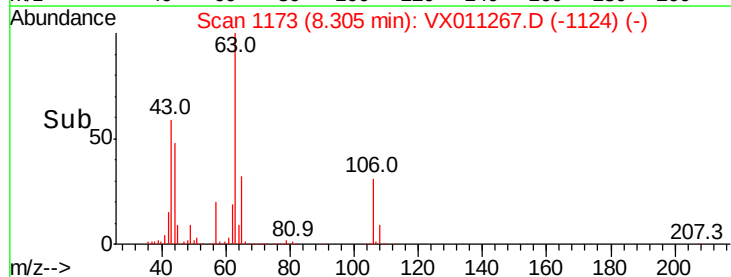
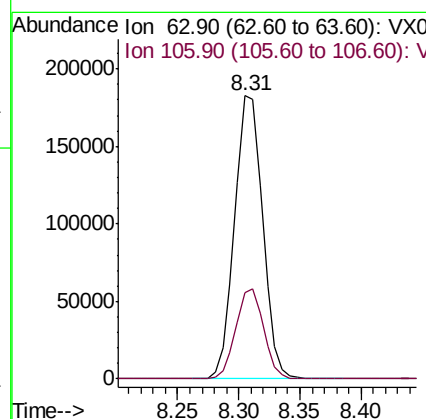
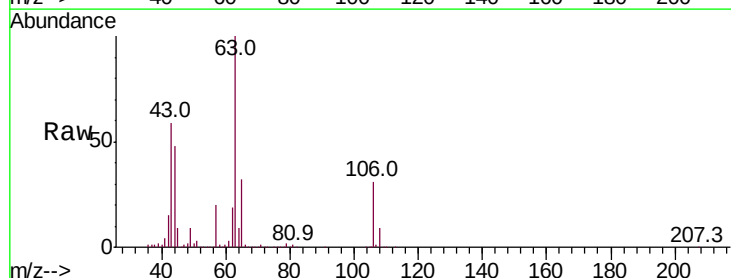
Manual Integrations
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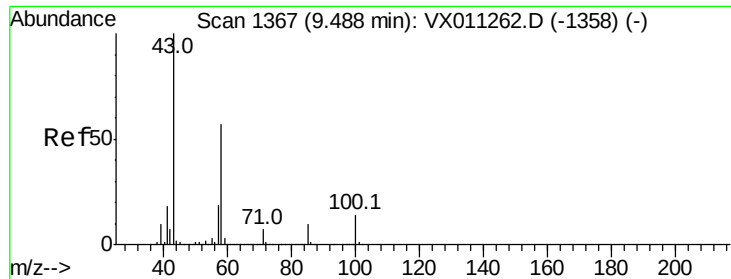
MMDadoda
 8/2/2019 9:05:03 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.556 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011267.D
 Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.3	24.4	36.6





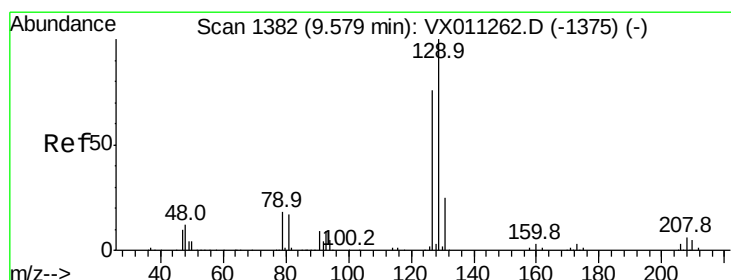
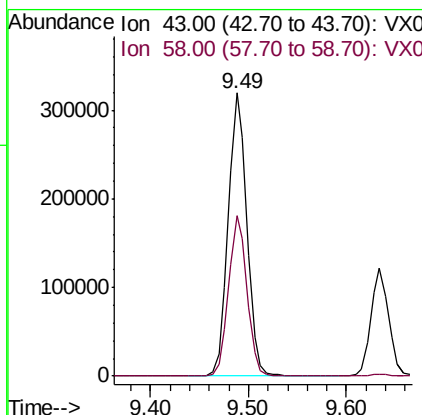
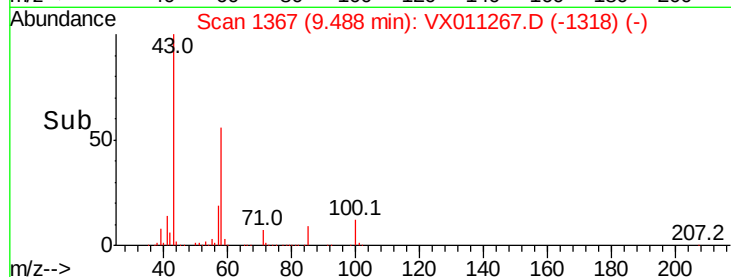
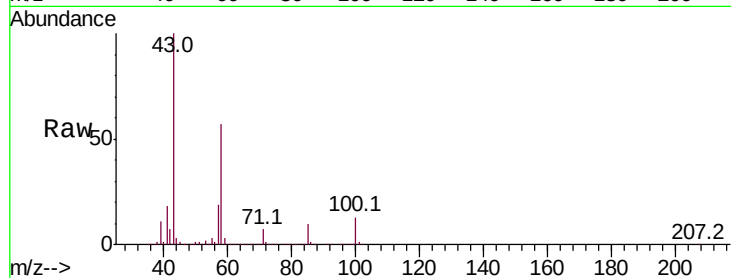
#59
2-Hexanone
Concen: 247.697 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.3	28.2	84.6

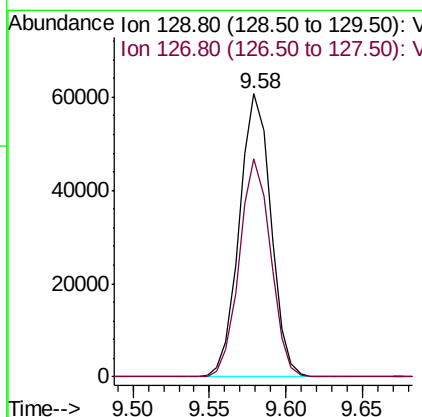
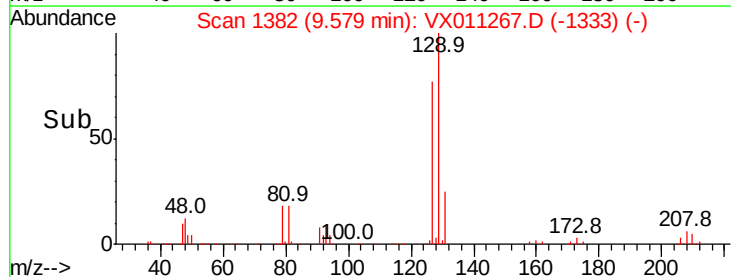
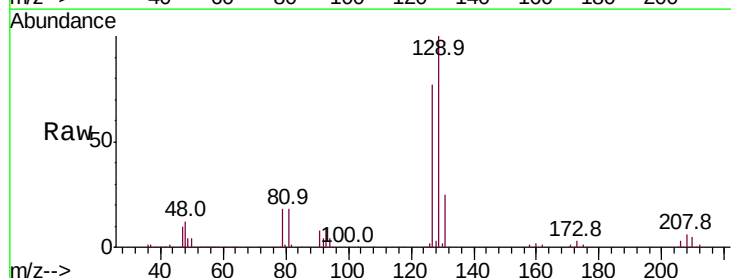
Manual Integrations
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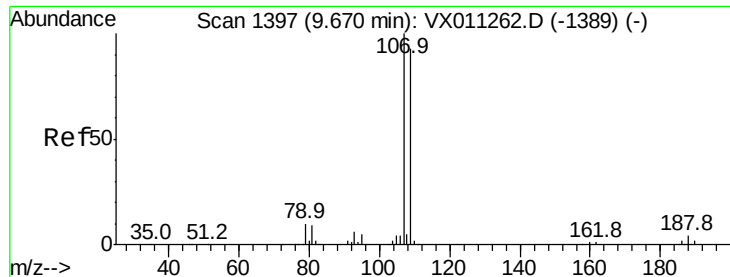
MMDadoda
8/2/2019 9:05:03 AM



#60
Dibromochloromethane
Concen: 49.524 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	39.2	117.6





#61

1,2-Dibromoethane

Concen: 47.487 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 88290

Ion Ratio Lower Upper

107 100

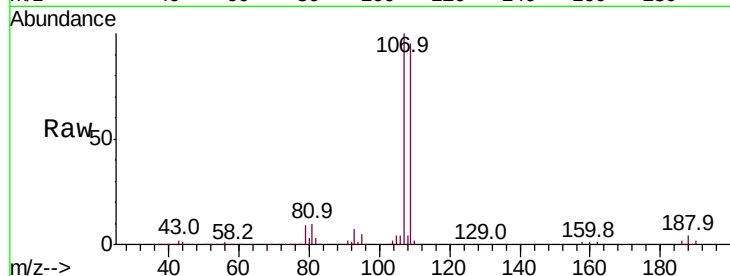
109 94.6 76.6 114.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

60000

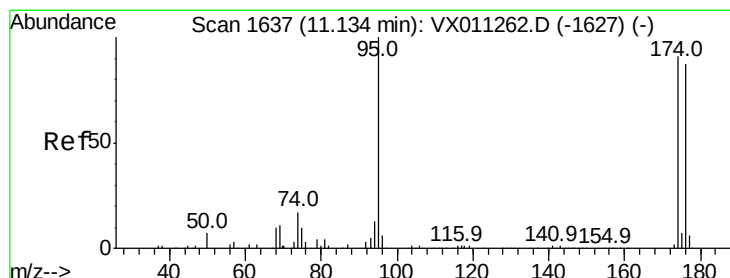
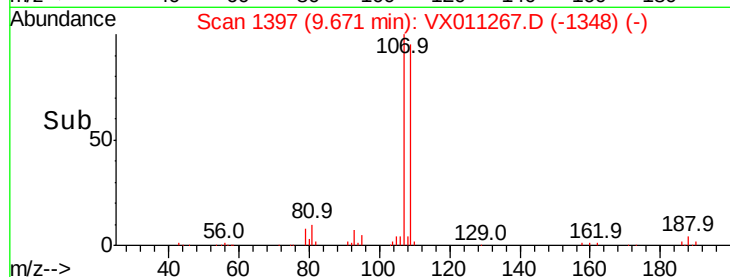
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 45.181 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

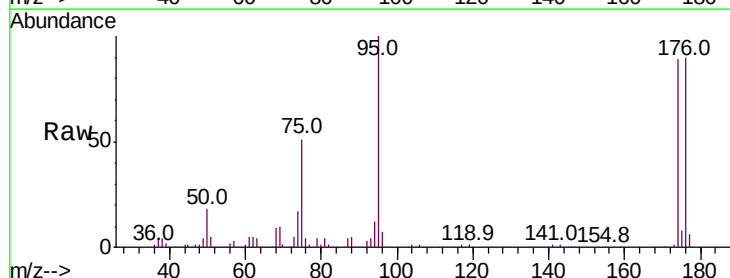
Tgt Ion: 95 Resp: 96590

Ion Ratio Lower Upper

95 100

174 93.8 0.0 191.2

176 92.3 0.0 184.8



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

11.13

100000

80000

60000

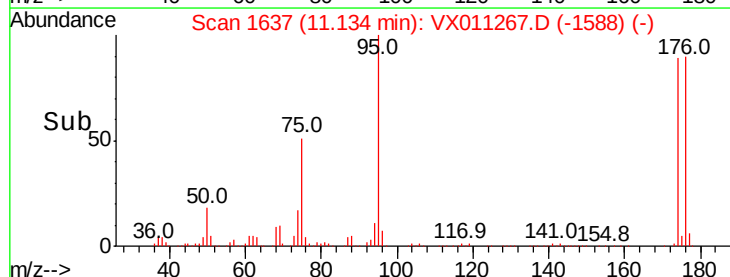
40000

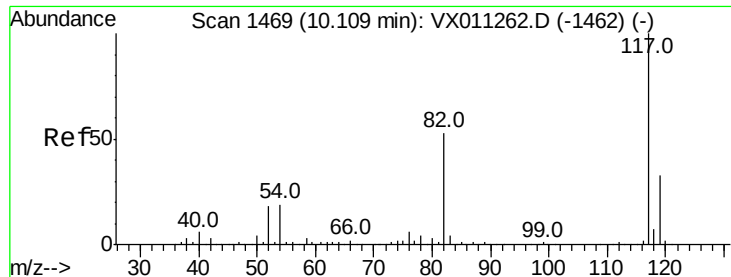
20000

0

Time-->

11.05 11.10 11.15 11.20





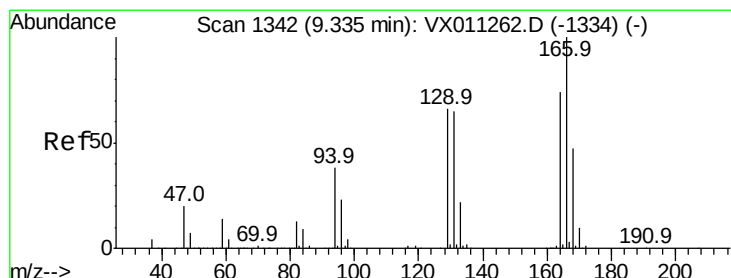
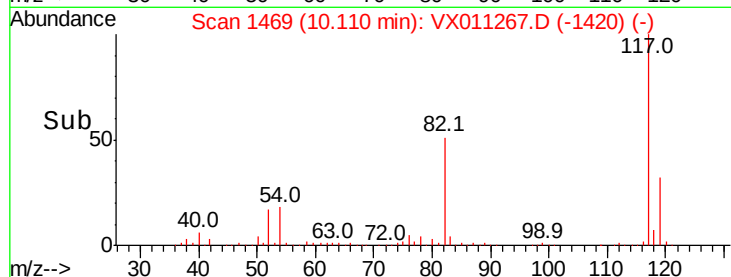
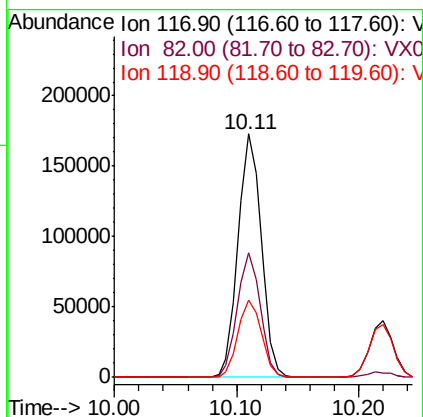
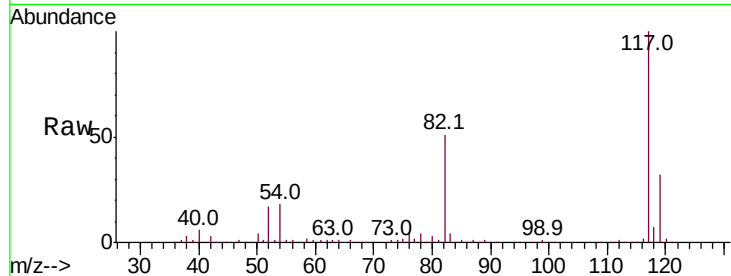
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	226779		
82	51.0		42.2	63.2
119	31.8		26.6	39.8

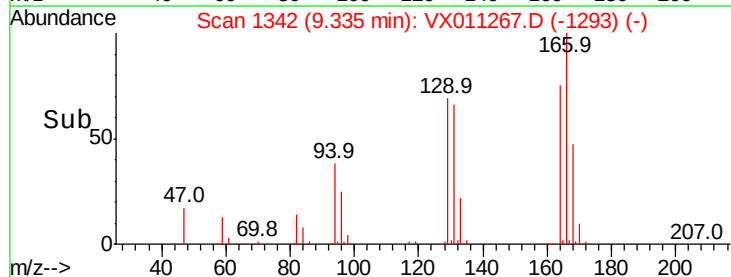
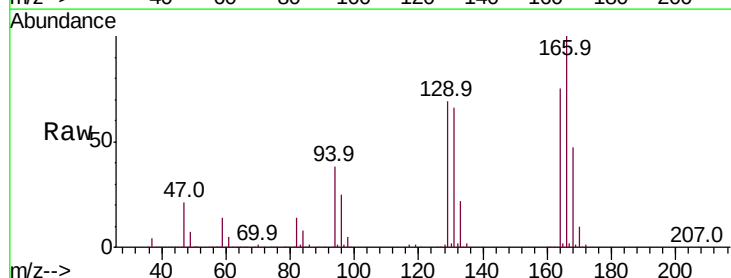
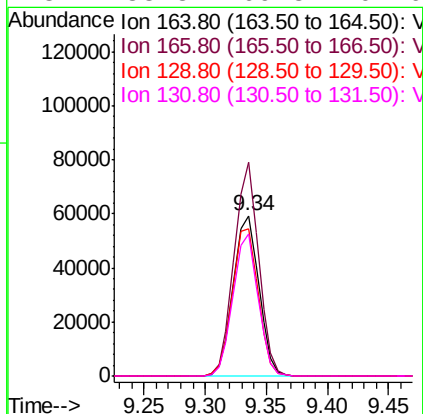
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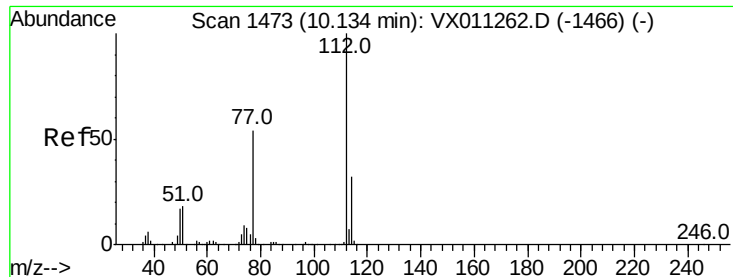
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#64
Tetrachloroethene
Concen: 44.647 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	85985		
166	133.2		107.5	161.3
129	91.5		71.0	106.4
131	88.3		69.8	104.6





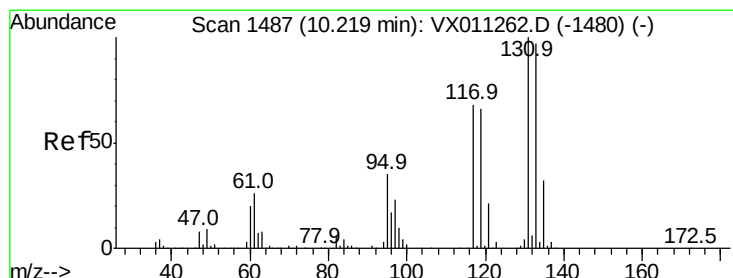
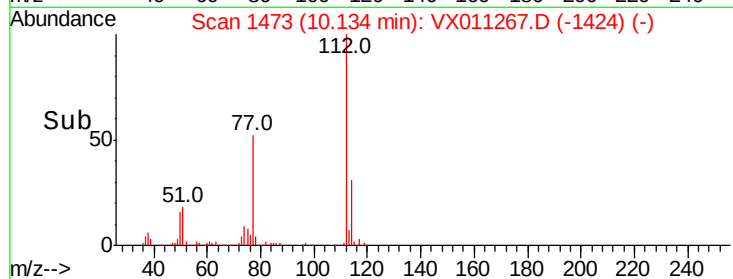
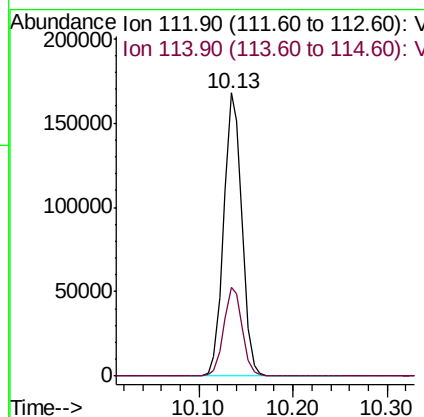
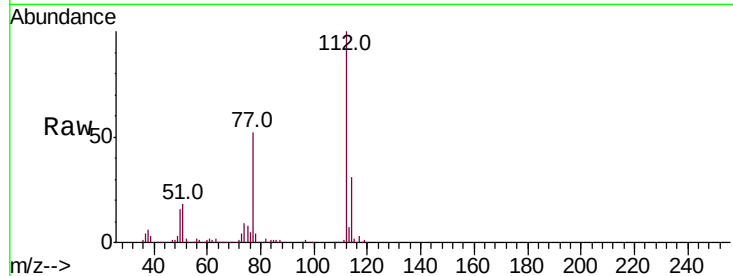
#65
Chlorobenzene
Concen: 45.999 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	223668		
114	31.4	25.9	38.9	

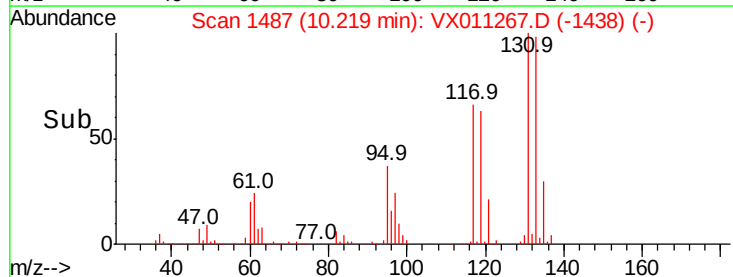
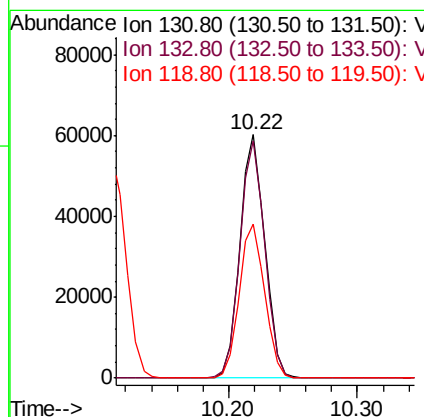
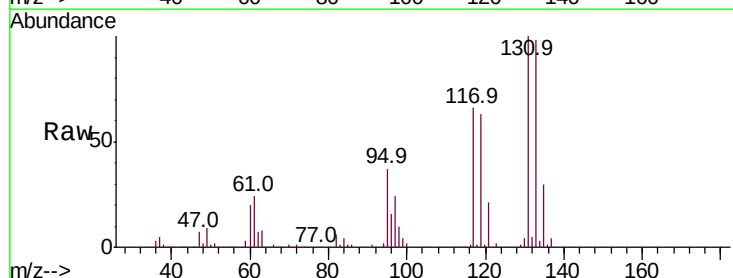
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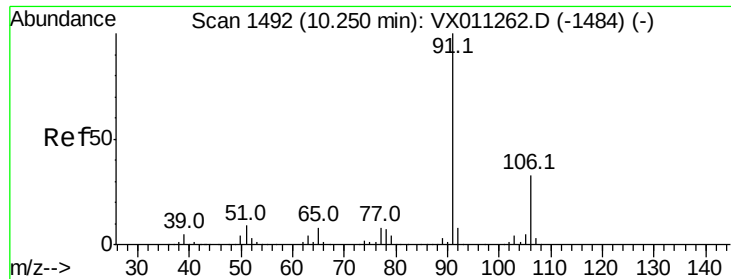
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.296 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	80398		
133	97.2	47.7	143.1	
119	64.8	32.8	98.3	





#67

Ethyl Benzene

Concen: 46.964 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 382443

Ion Ratio Lower Upper

91 100

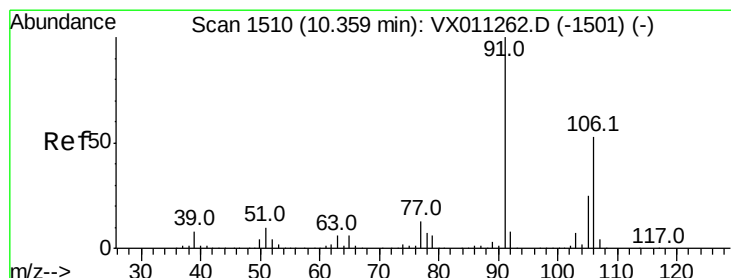
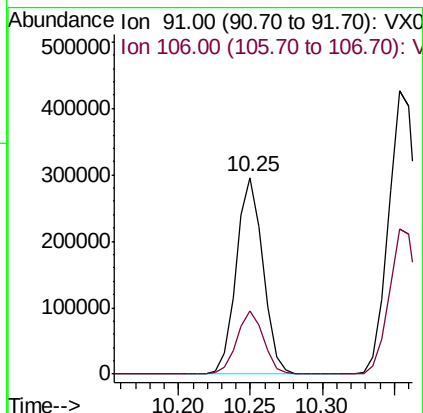
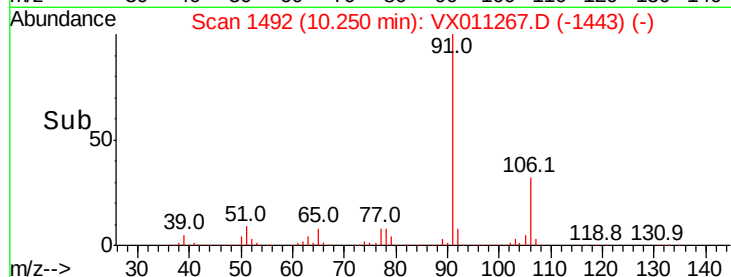
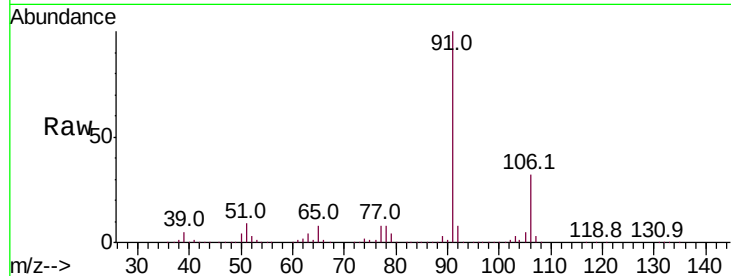
106 32.1 26.2 39.4

Manual Integrations

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#68

m/p-Xylenes

Concen: 95.352 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011267.D

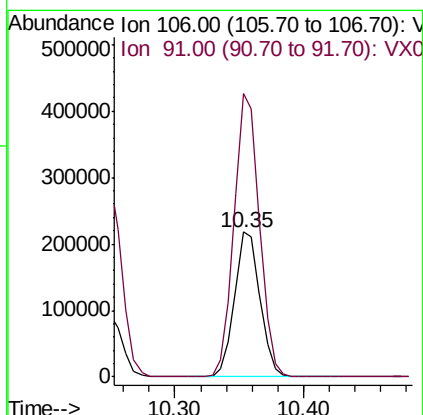
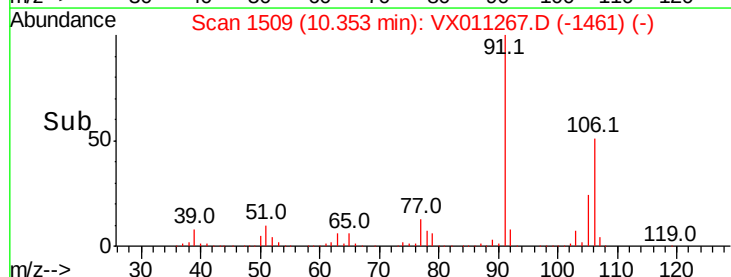
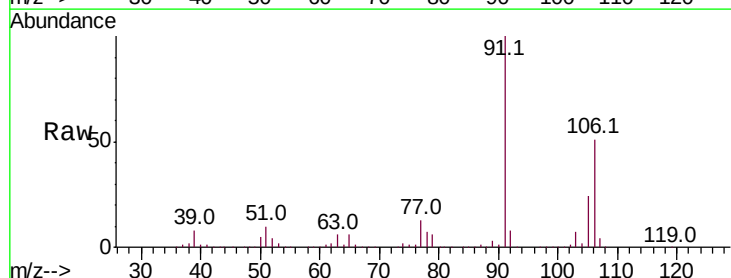
Acq: 01 Aug 2019 18:33

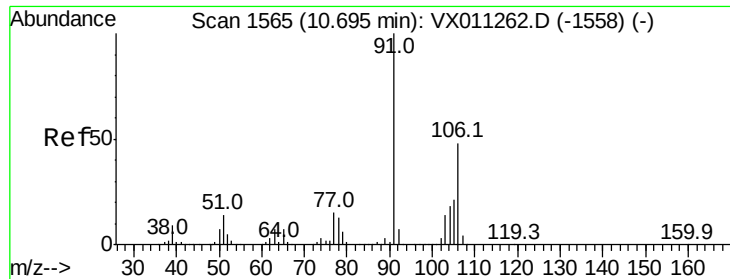
Tgt Ion: 106 Resp: 300343

Ion Ratio Lower Upper

106 100

91 195.7 155.9 233.9





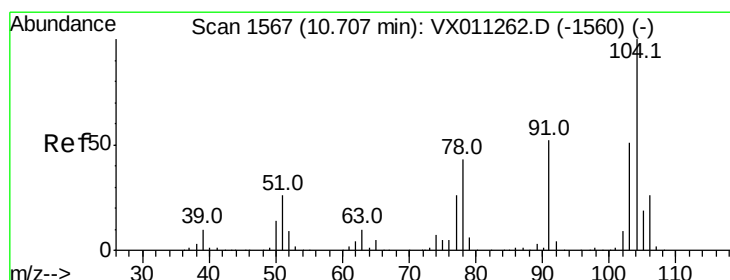
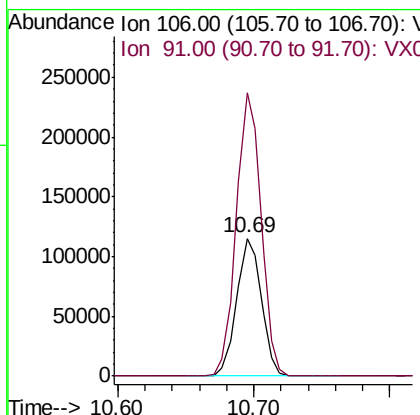
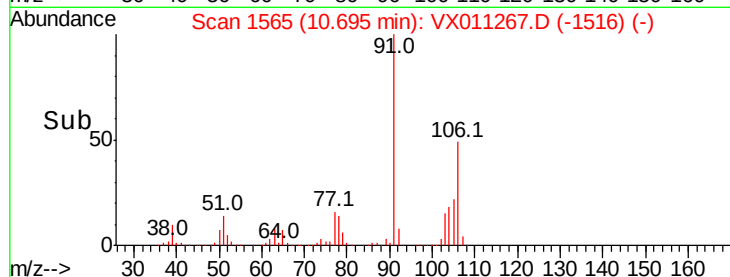
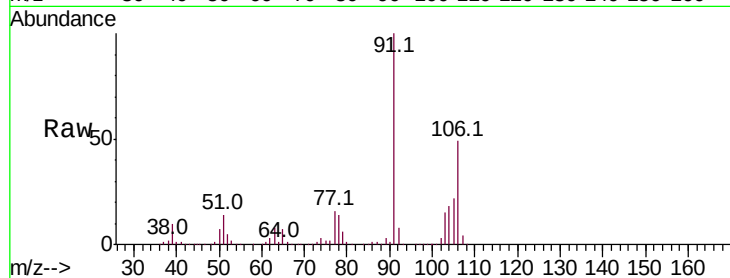
#69
o-Xylene
Concen: 47.102 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.3	103.8	311.3

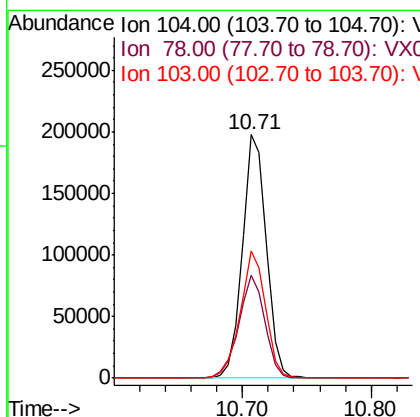
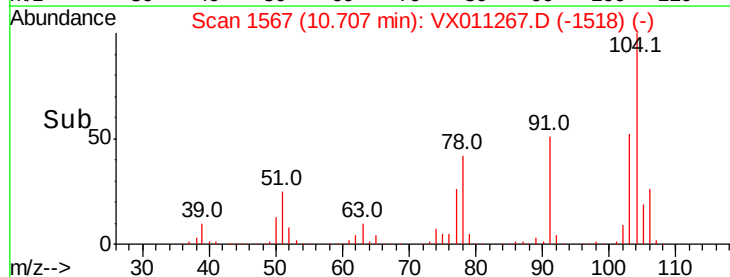
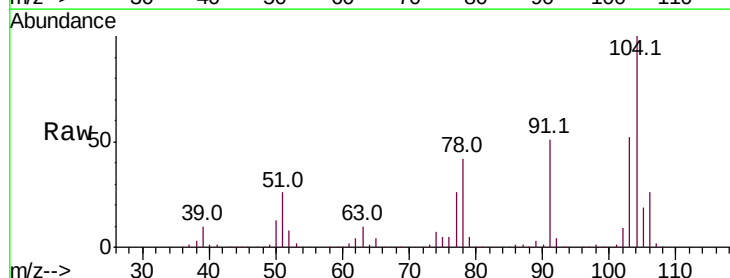
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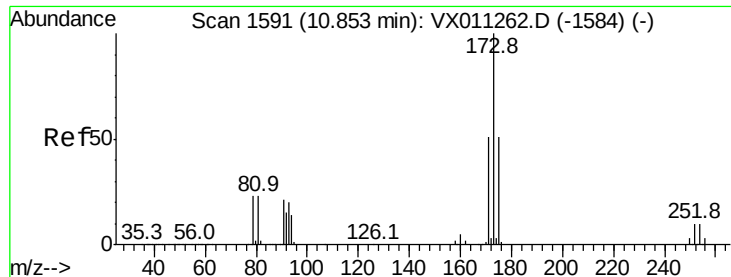
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#70
Styrene
Concen: 49.122 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.6	36.9	55.3
103	55.2	44.4	66.6





#71

Bromoform

Concen: 43.573 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 64281

Ion Ratio Lower Upper

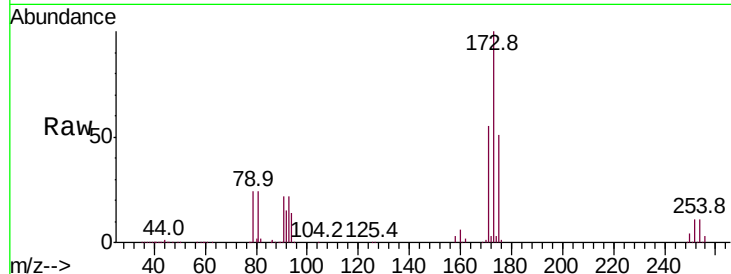
173 100

175 50.5 24.4 73.4

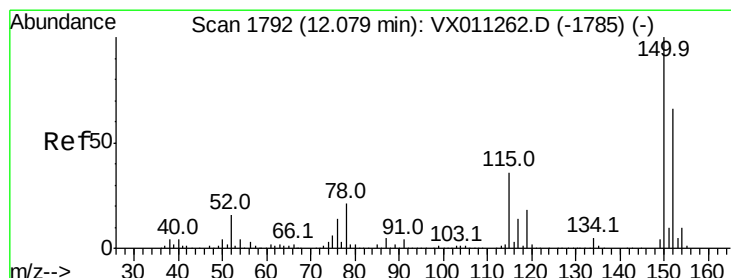
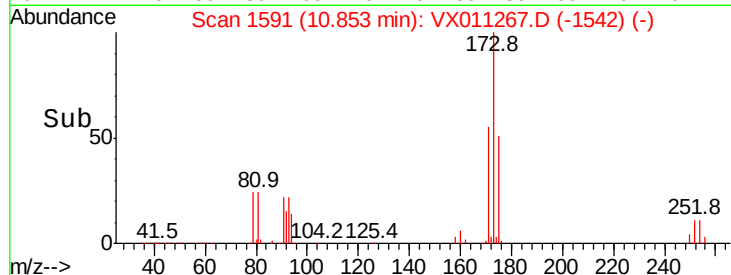
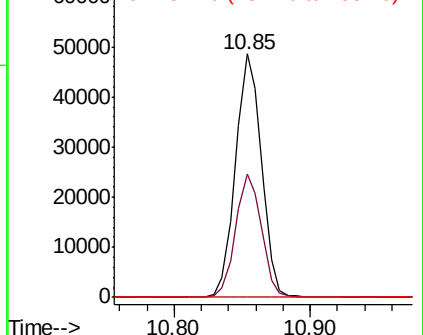
254 0.1 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

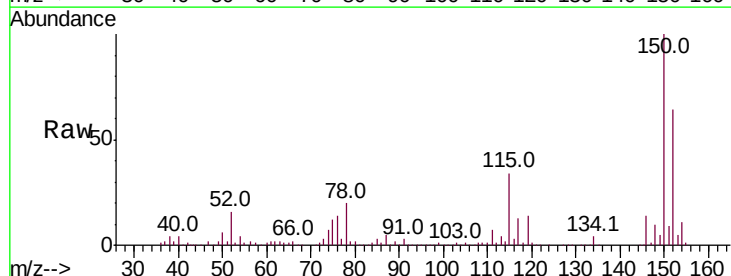
Tgt Ion:152 Resp: 120895

Ion Ratio Lower Upper

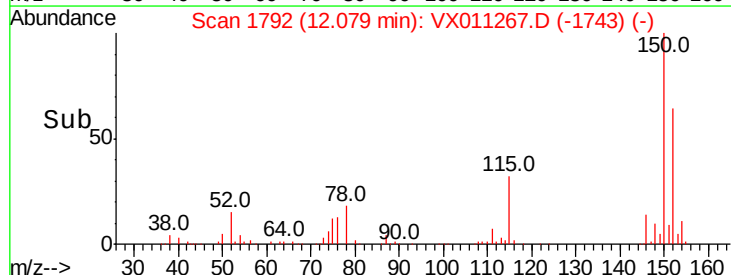
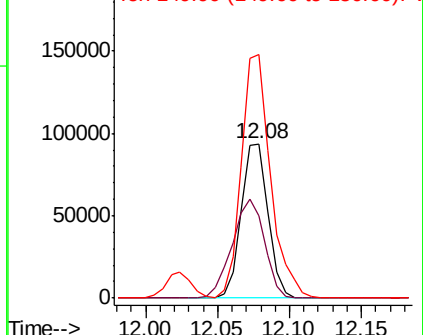
152 100

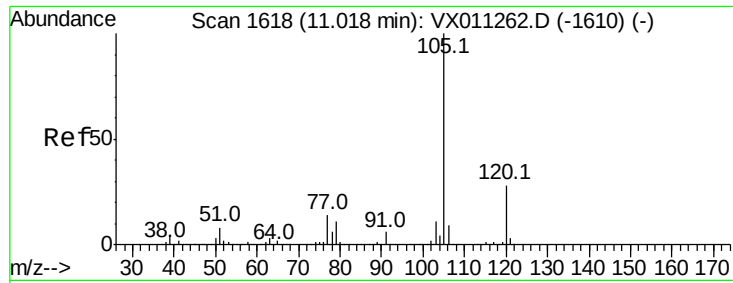
115 78.2 40.0 119.9

150 171.6 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.190 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 390185

Ion Ratio Lower Upper

105 100

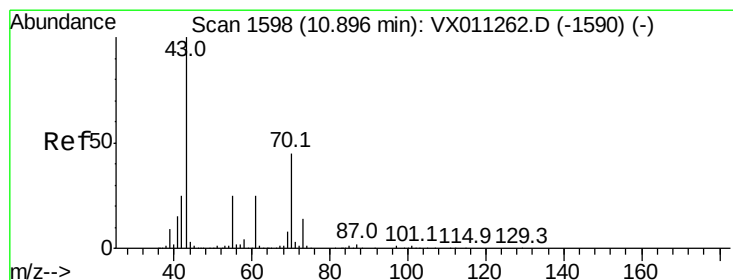
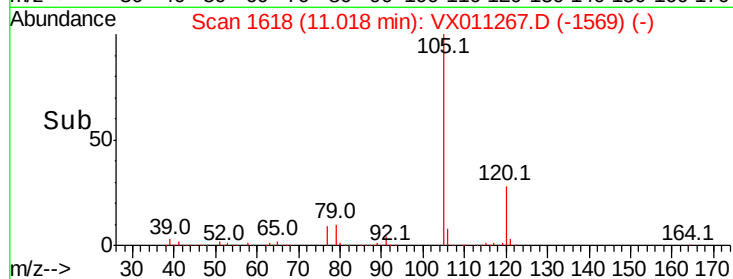
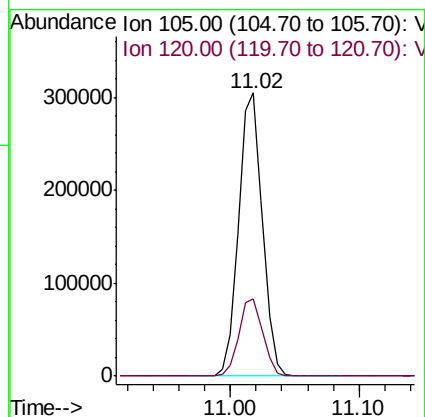
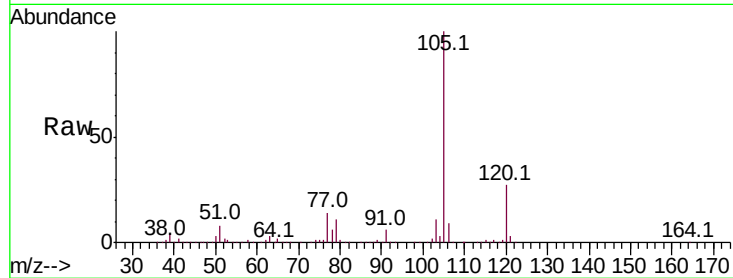
120 27.7 13.7 41.1

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#74

N-ethyl acetate

Concen: 50.355 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Tgt Ion: 43 Resp: 150440

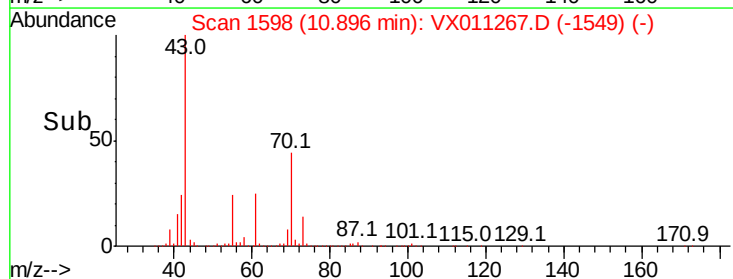
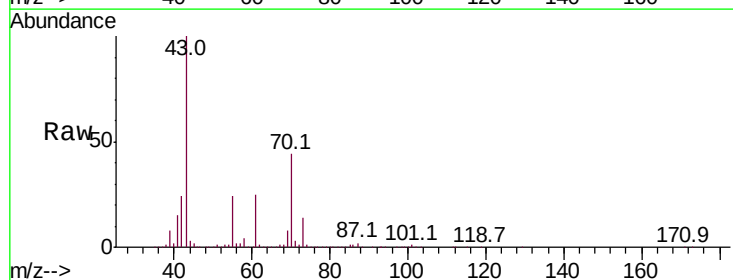
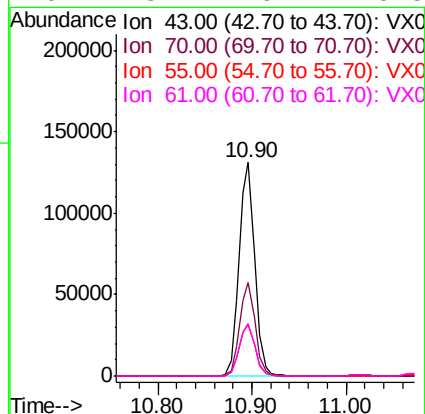
Ion Ratio Lower Upper

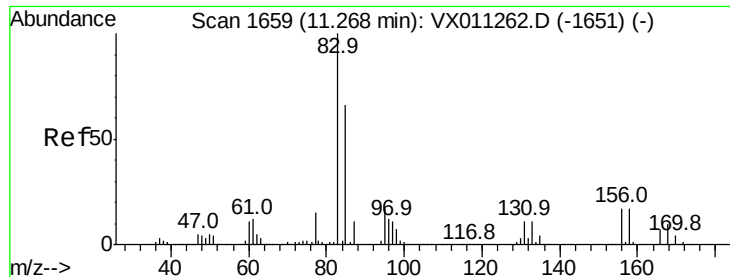
43 100

70 43.5 35.9 53.9

55 24.8 19.8 29.6

61 25.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.881 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 129176

Ion Ratio Lower Upper

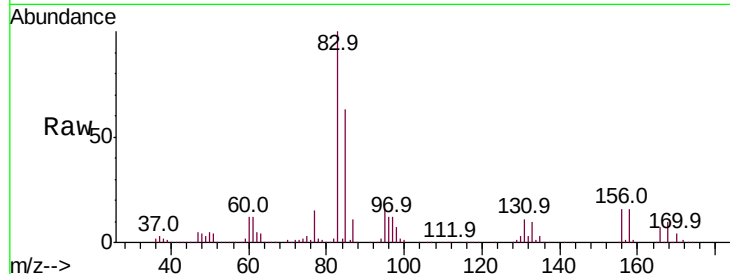
83 100

131 11.0 5.6 16.8

85 64.7 32.1 96.5

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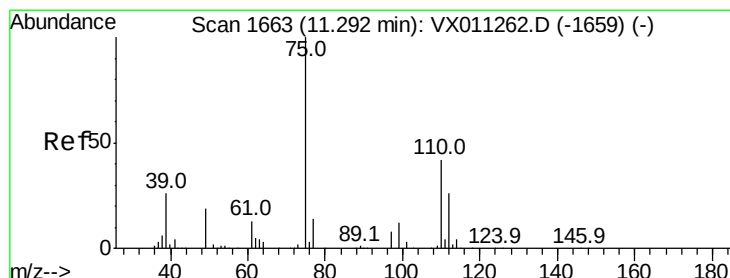
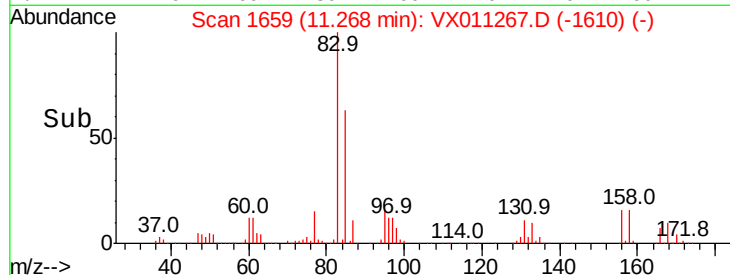
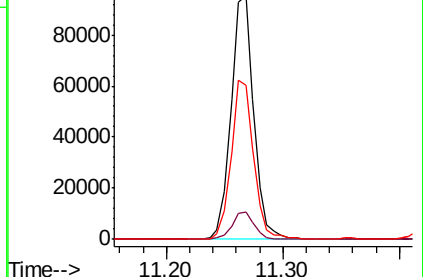
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 48.513 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011267.D

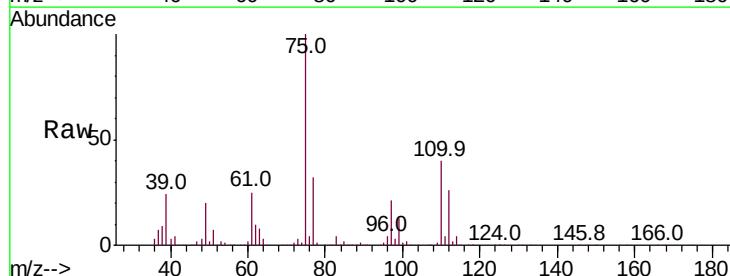
Acq: 01 Aug 2019 18:33

Tgt Ion: 75 Resp: 106808

Ion Ratio Lower Upper

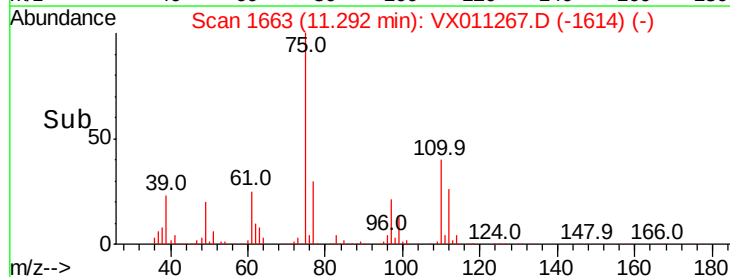
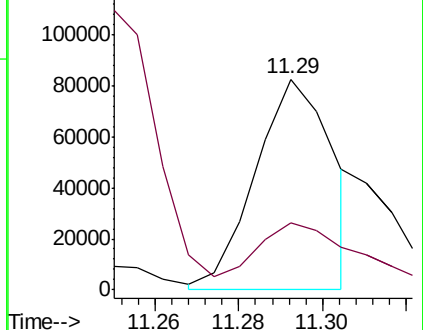
75 100

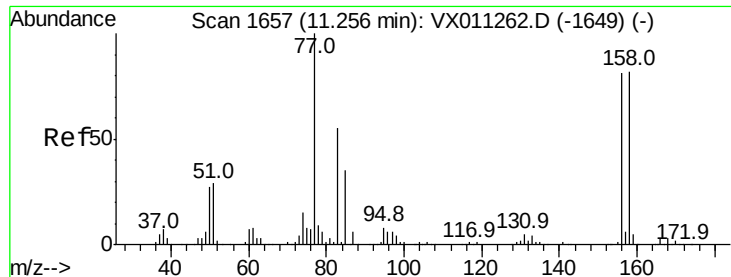
77 42.6 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.746 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

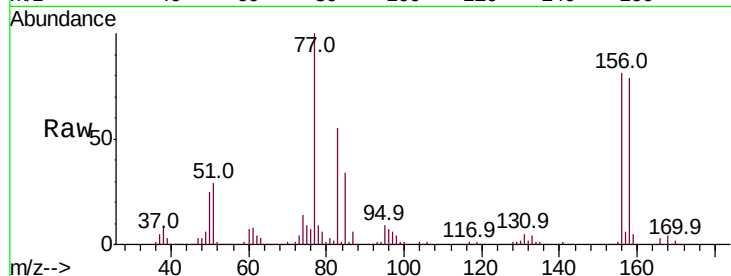
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	107177
Ion Ratio	Lower	Upper	
156	100		
77	133.5	66.2	198.6
158	96.7	49.1	147.3

Manual Integrations
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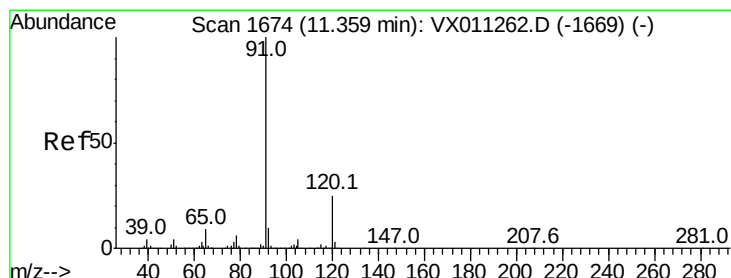
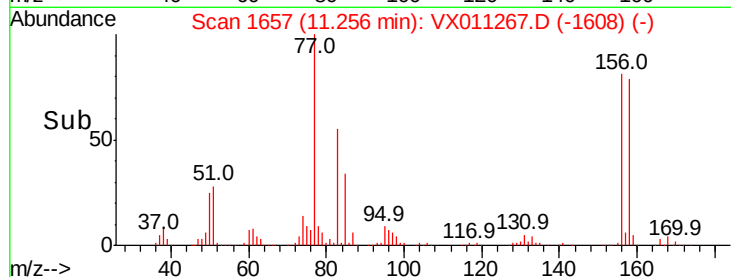
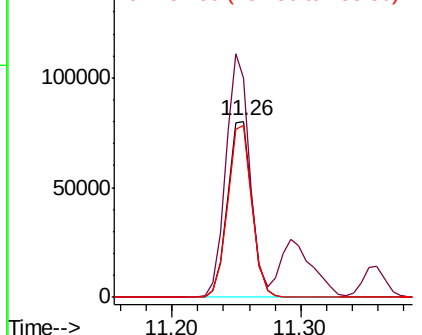
MMDadoda
8/2/2019 9:05:03 AM



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: 47.671 ug/l

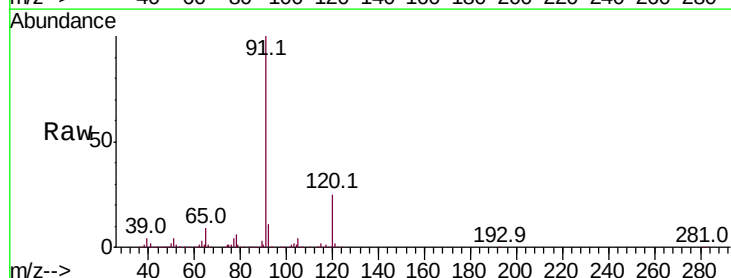
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011267.D

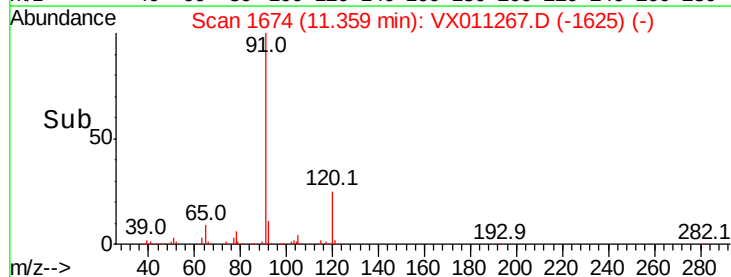
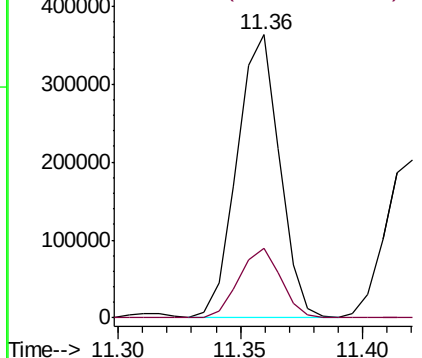
Acq: 01 Aug 2019 18:33

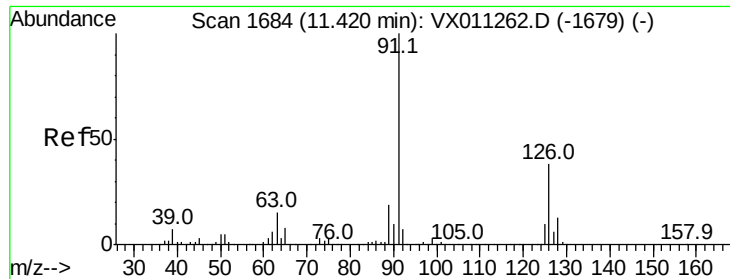
Tgt Ion:	91	Resp:	438333
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.4	37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.590 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 255333

Ion Ratio Lower Upper

91 100

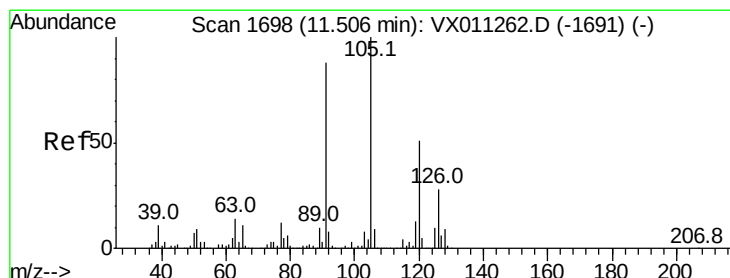
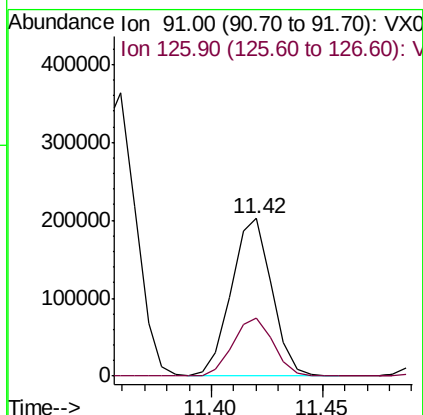
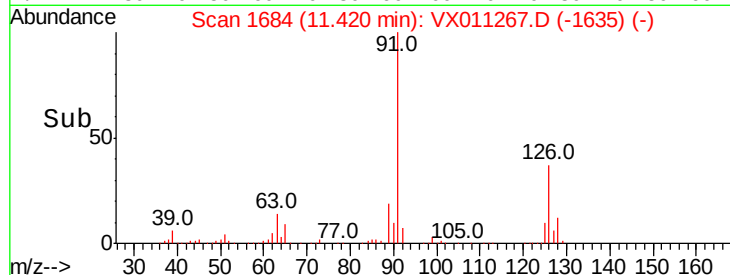
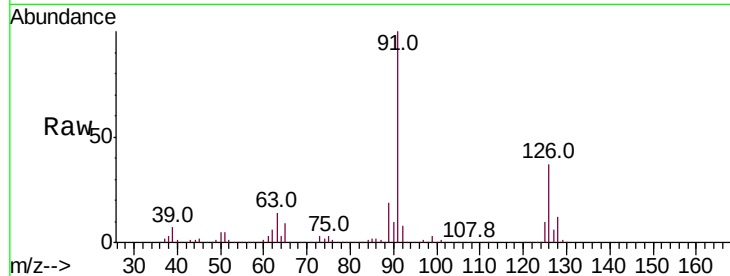
126 37.4 18.5 55.5

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#80

1,3,5-Trimethylbenzene

Concen: 47.631 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011267.D

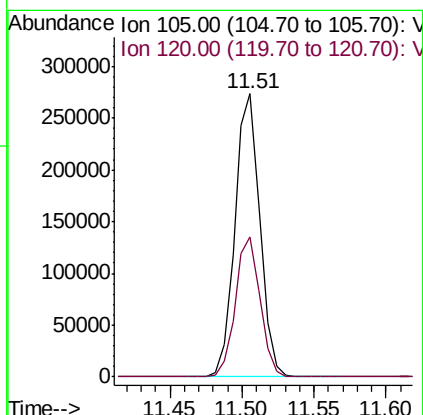
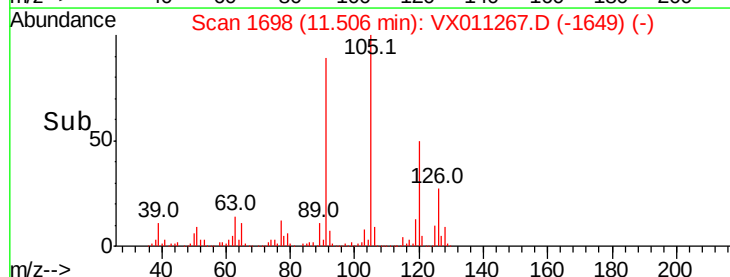
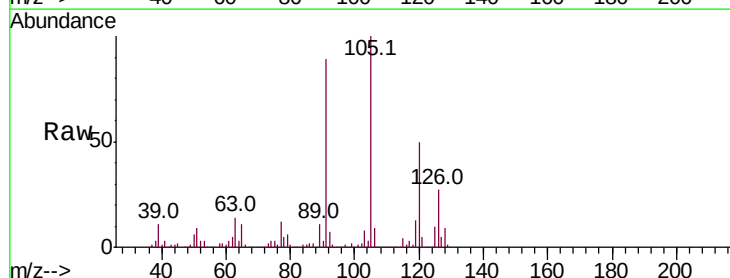
Acq: 01 Aug 2019 18:33

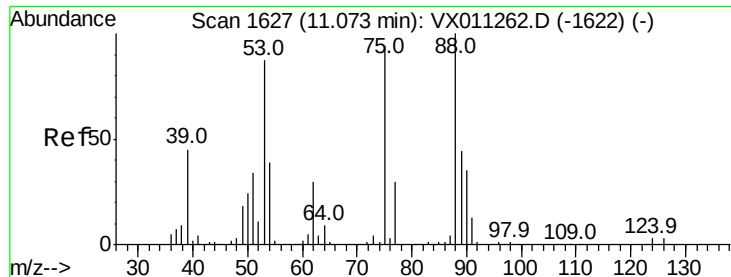
Tgt Ion: 105 Resp: 329679

Ion Ratio Lower Upper

105 100

120 49.3 25.1 75.2





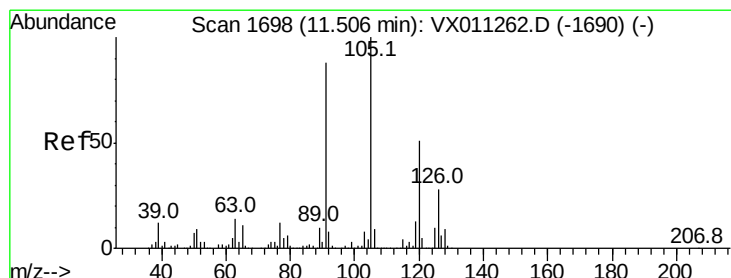
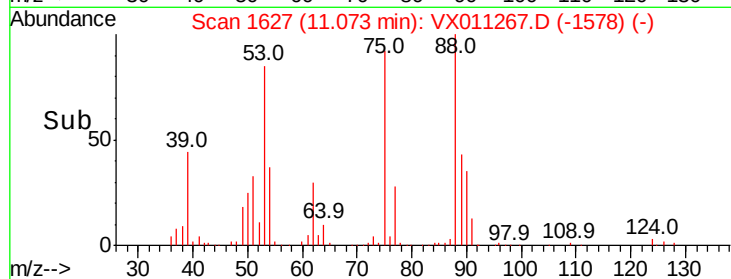
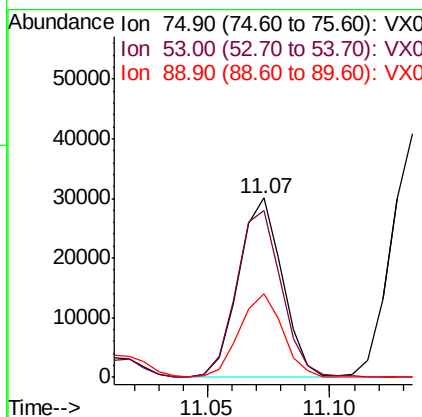
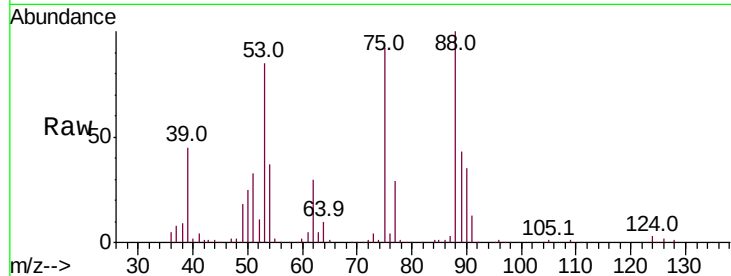
#81
trans-1,4-Dichloro-2-butene
Concen: 45.629 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.8	78.2	117.4
89	46.7	37.9	56.9

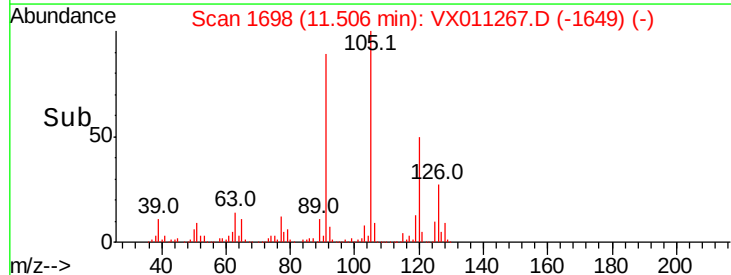
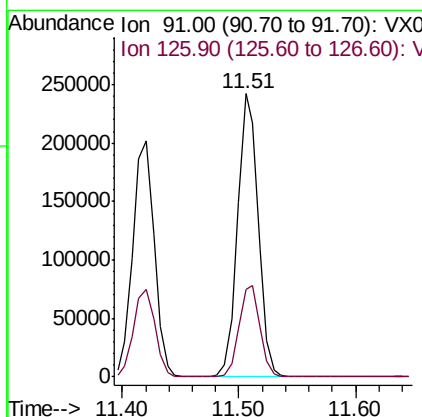
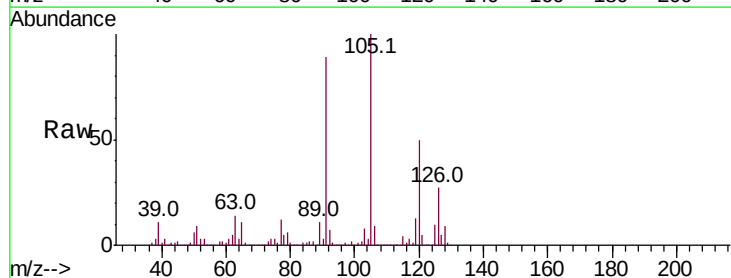
Manual Integrations
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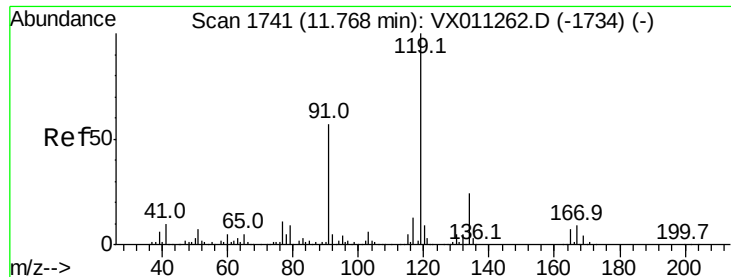
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#82
4-Chlorotoluene
Concen: 46.934 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.4	49.2





#83

tert-Butylbenzene

Concen: 47.815 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

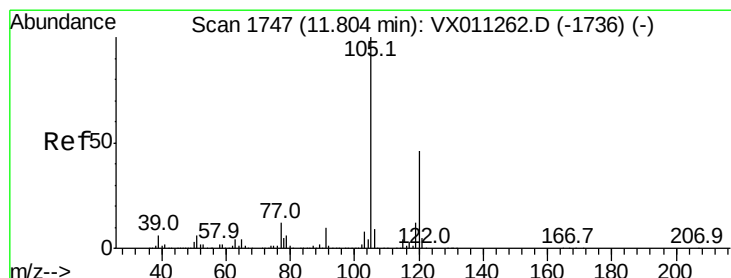
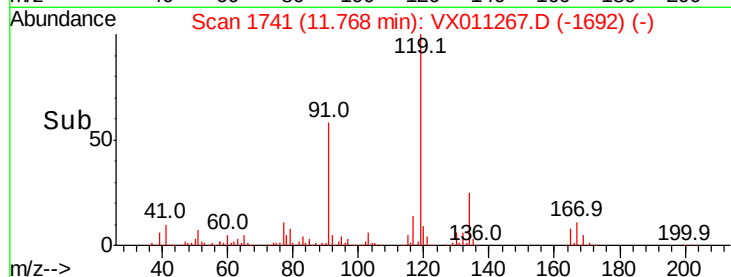
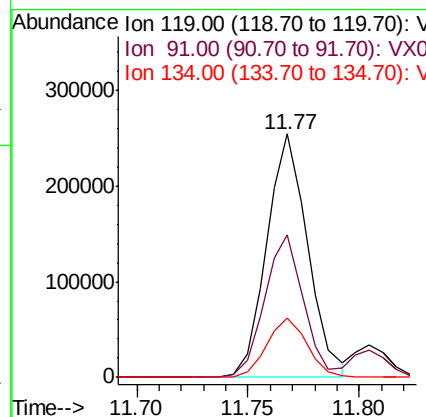
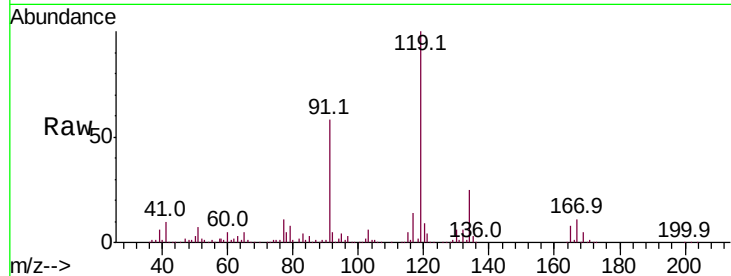
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	324589
Ion Ratio	Lower	Upper	
119	100		
91	54.9	28.0	84.0
134	23.8	11.9	35.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 48.735 ug/l

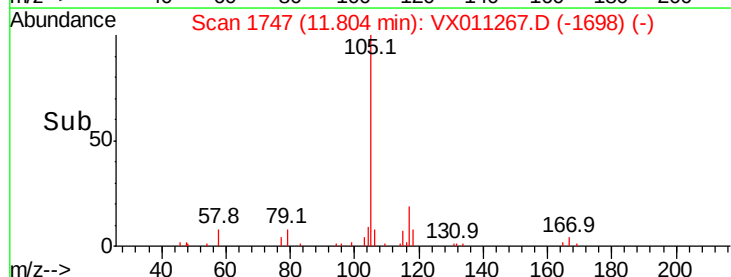
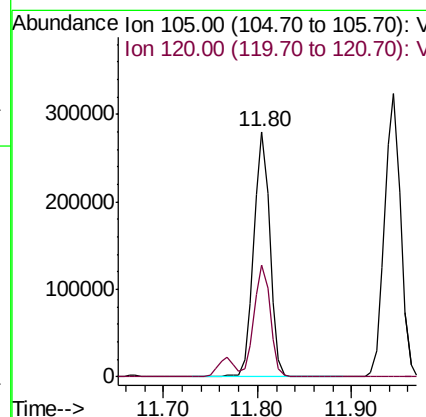
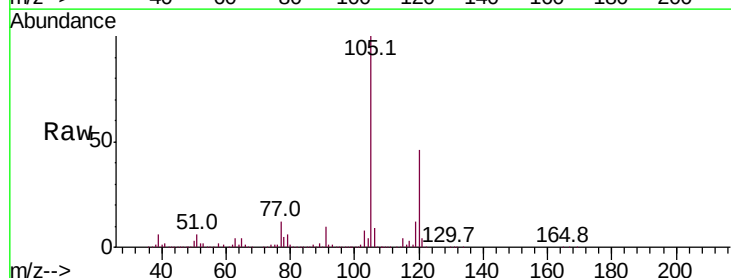
RT: 11.80 min Scan# 1747

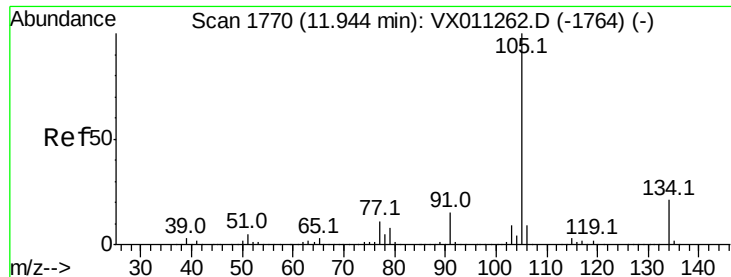
Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Tgt Ion:	105	Resp:	335845
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.0	69.0





#85

sec-Butylbenzene

Concen: 47.122 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 384326

Ion Ratio Lower Upper

105 100

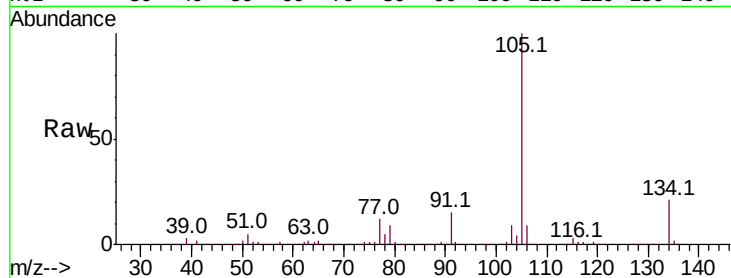
134 20.9 10.4 31.4

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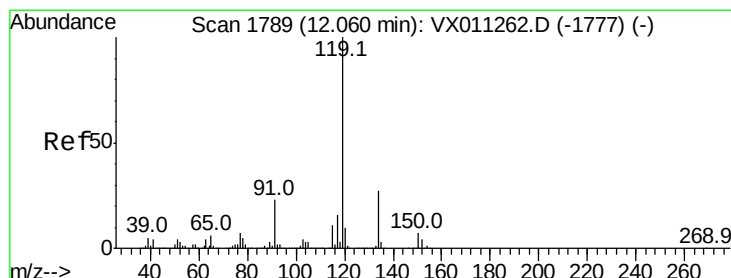
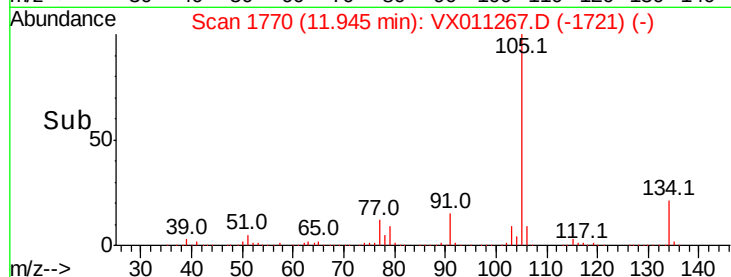
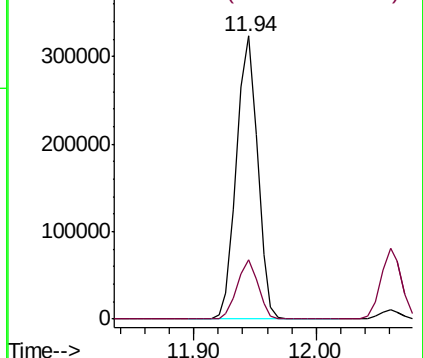
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.118 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011267.D

Acq: 01 Aug 2019 18:33

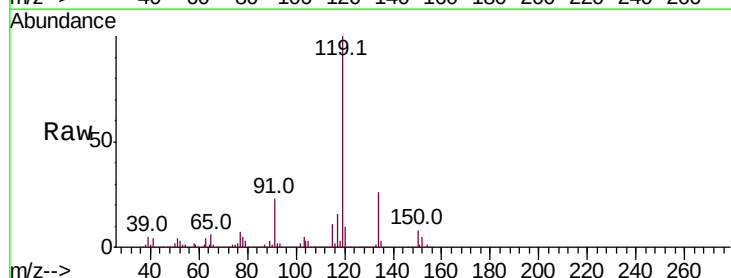
Tgt Ion:119 Resp: 361042

Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.0

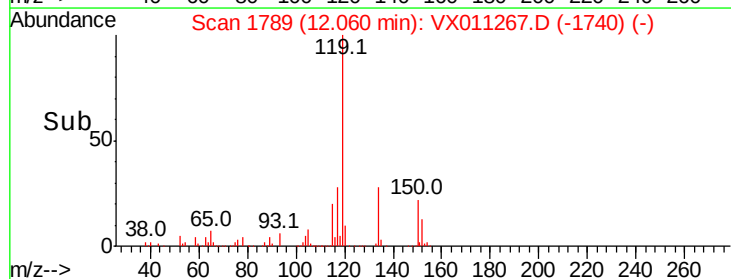
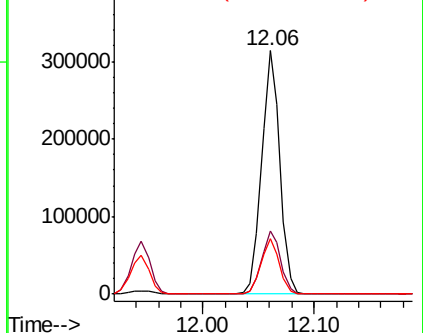
91 22.8 11.4 34.2

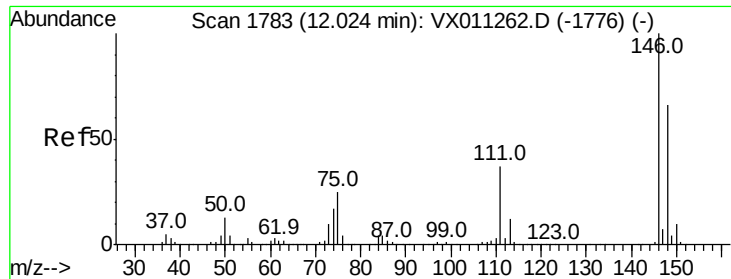


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





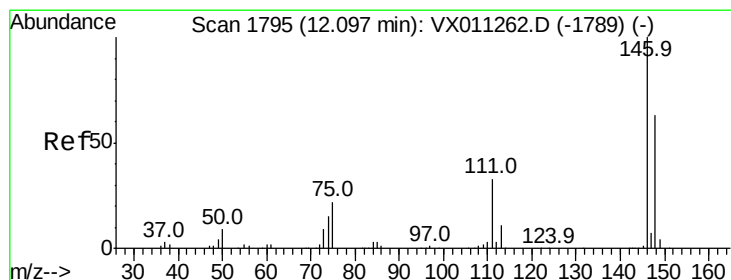
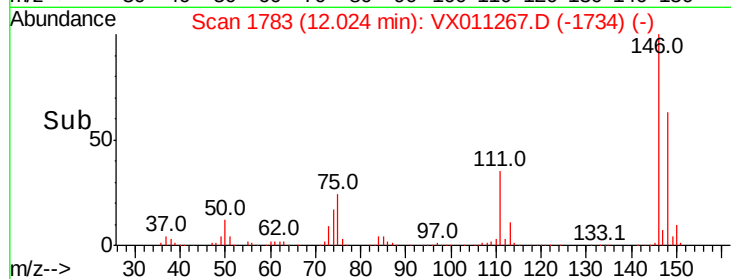
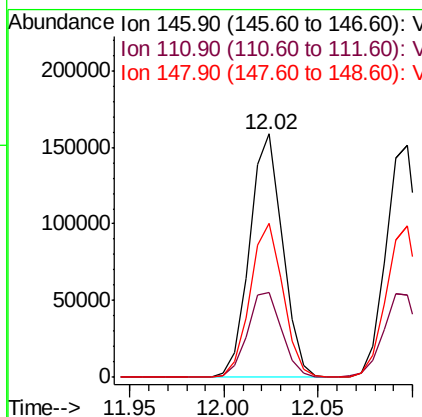
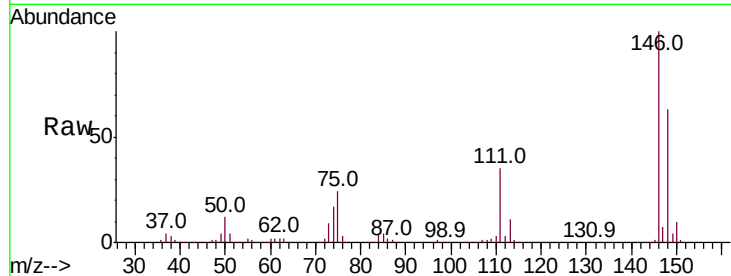
#87
 1,3-Dichlorobenzene
 Concen: 47.625 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011267.D
 Acq: 01 Aug 2019 18:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.8
148	63.0	32.5	97.5

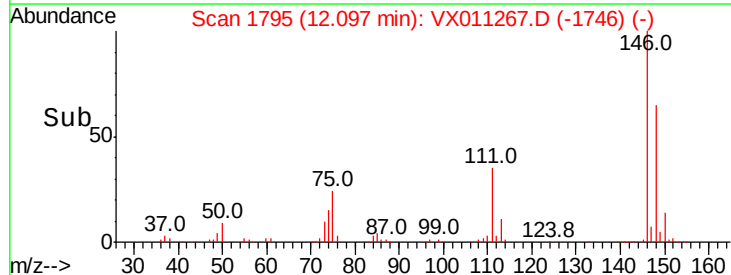
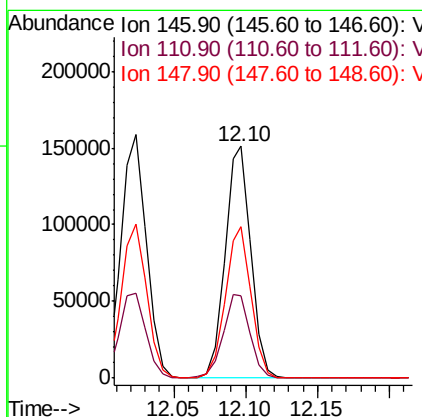
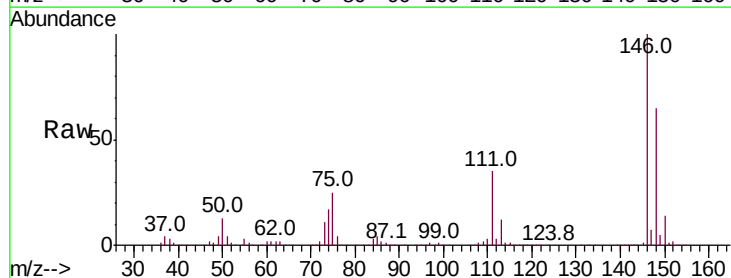
Manual Integrations
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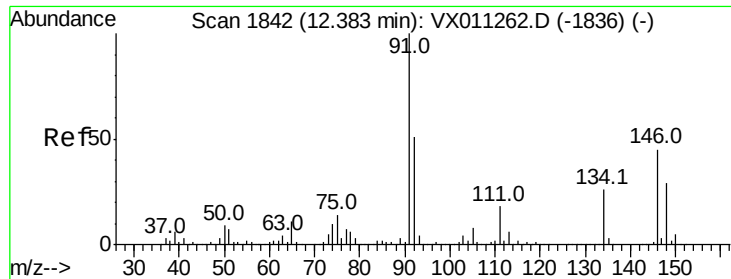
MMDadoda
 8/2/2019 9:05:03 AM



#88
 1,4-Dichlorobenzene
 Concen: 45.411 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011267.D
 Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	17.8	53.4
148	65.0	31.8	95.3





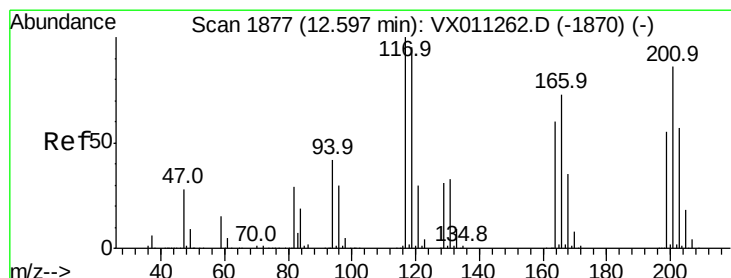
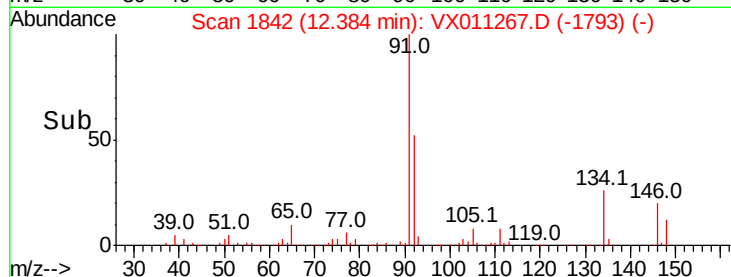
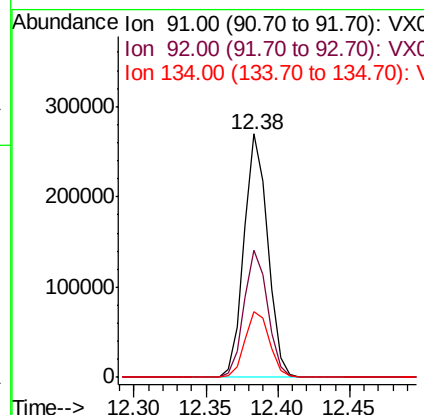
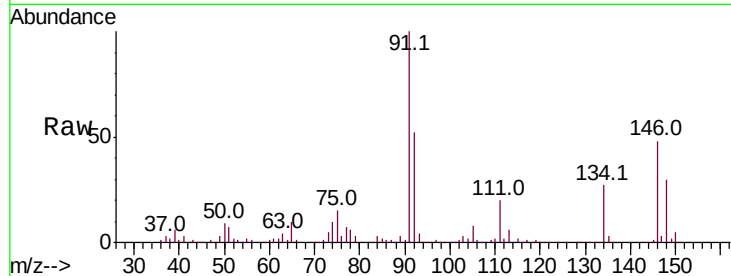
#89
n-Butylbenzene
Concen: 47.764 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	25.8	77.3
134	27.8	13.7	41.0

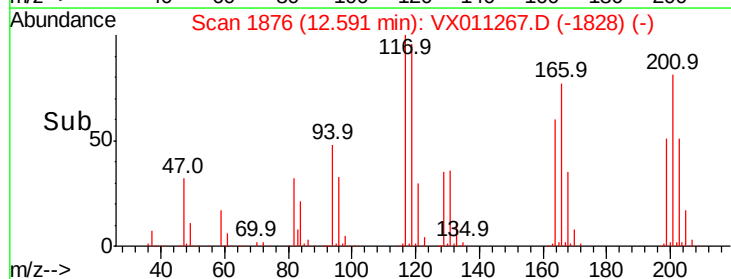
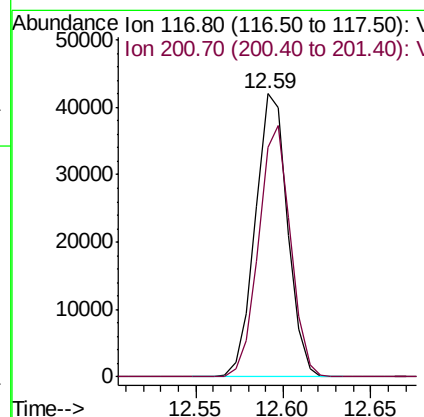
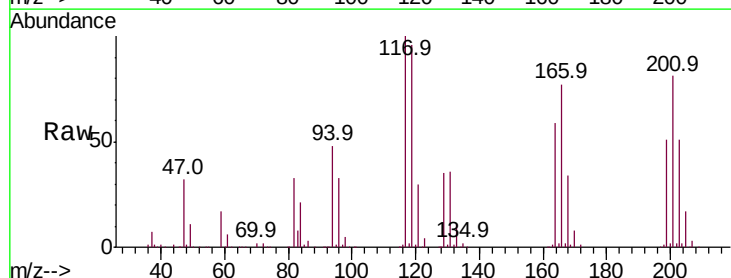
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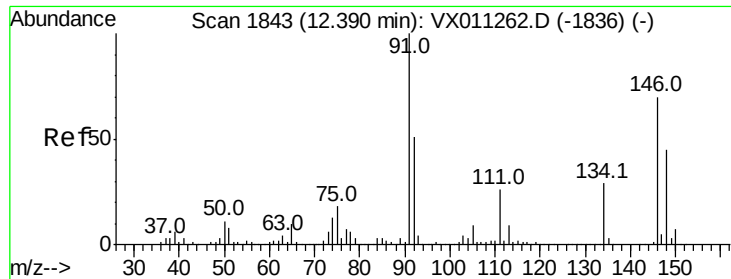
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#90
Hexachloroethane
Concen: 49.077 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.4	41.8	125.4





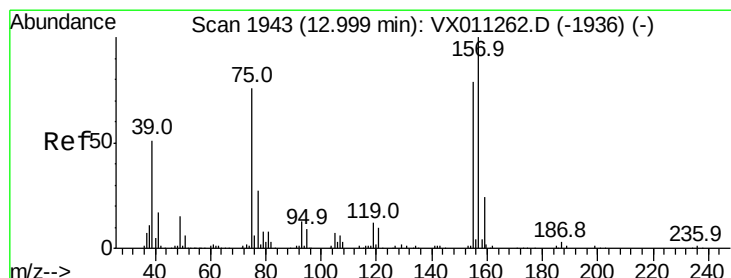
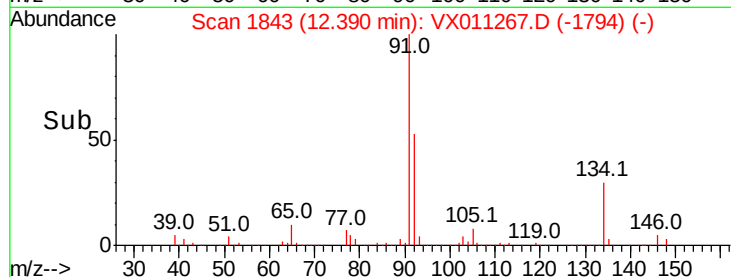
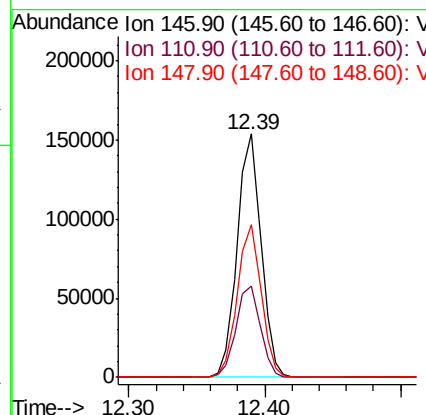
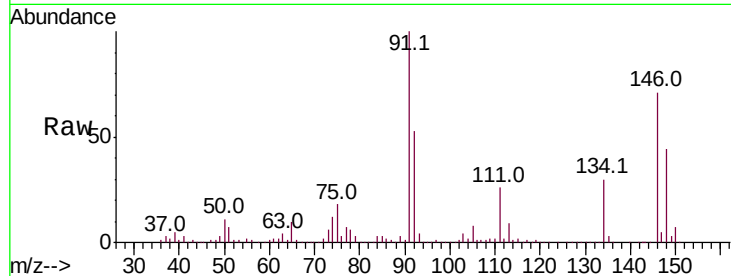
#91
 1,2-Dichlorobenzene
 Concen: 46.340 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011267.D
 Acq: 01 Aug 2019 18:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	188627		
111	38.6	19.1	57.1	
148	62.8	32.3	96.8	

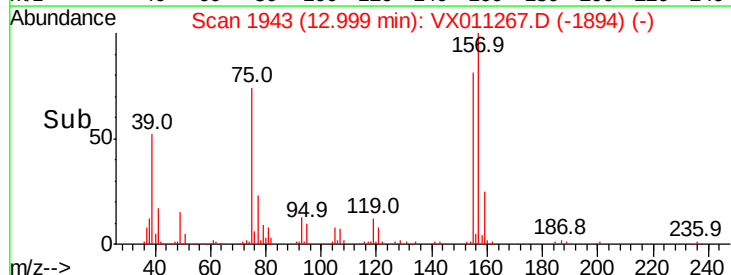
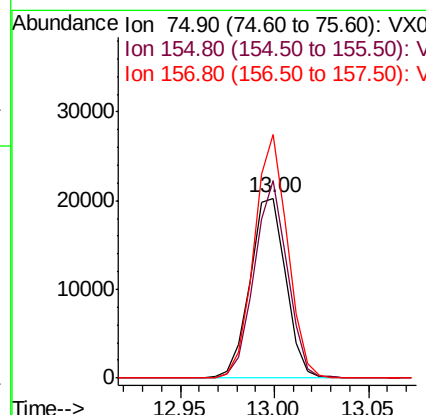
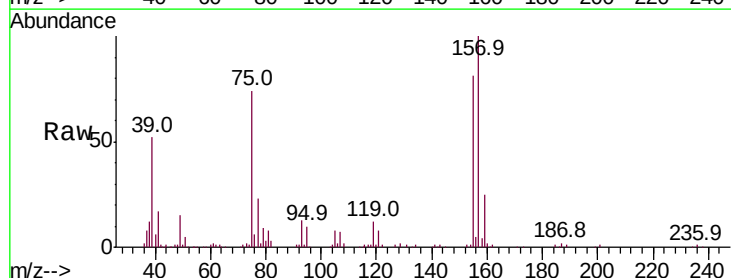
Manual Integrations
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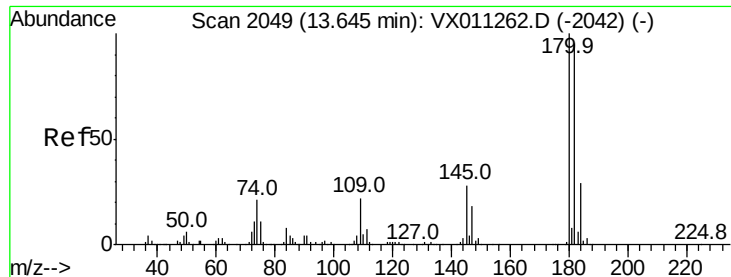
MMDadoda
 8/2/2019 9:05:03 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.034 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011267.D
 Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	26710		
155	101.4	51.9	155.8	
157	126.3	64.3	192.7	





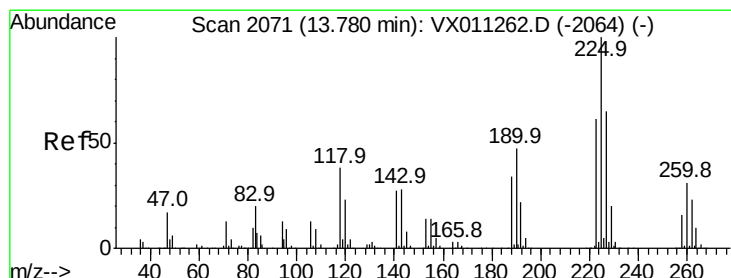
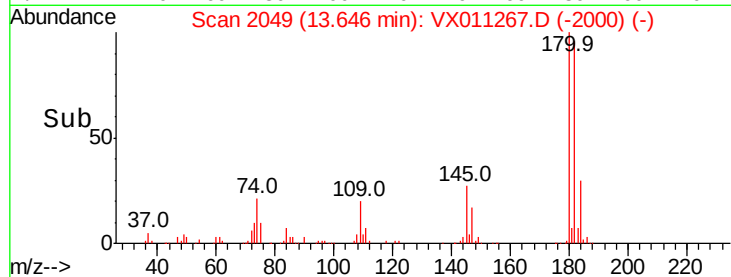
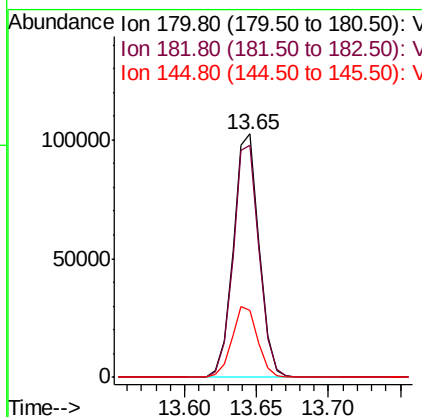
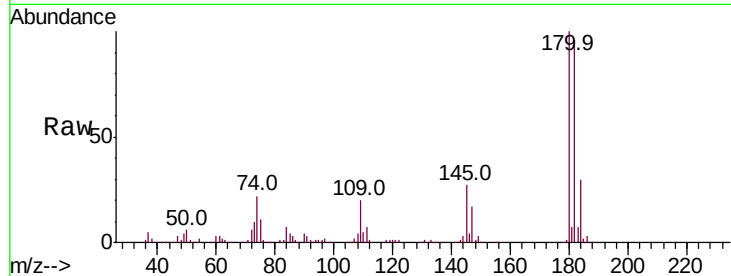
#93
 1,2,4-Trichlorobenzene
 Concen: 47.375 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011267.D
 Acq: 01 Aug 2019 18:33

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	127888		
182	96.1	47.8	143.4	
145	29.1	14.8	44.3	

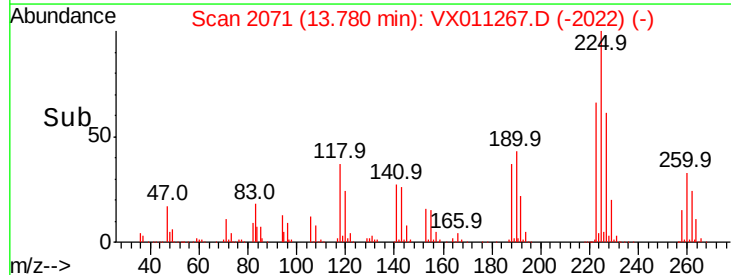
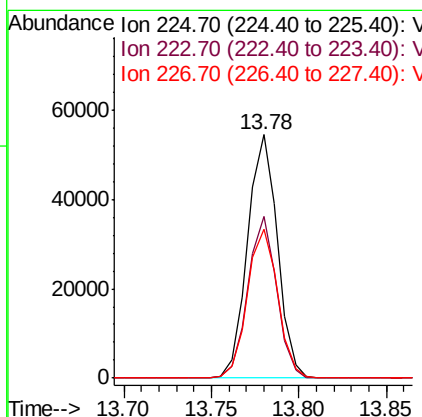
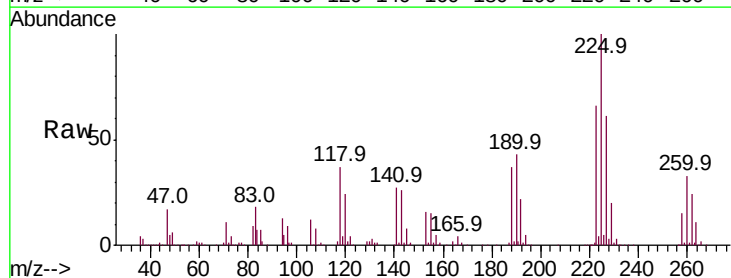
Manual Integrations
 APPROVED

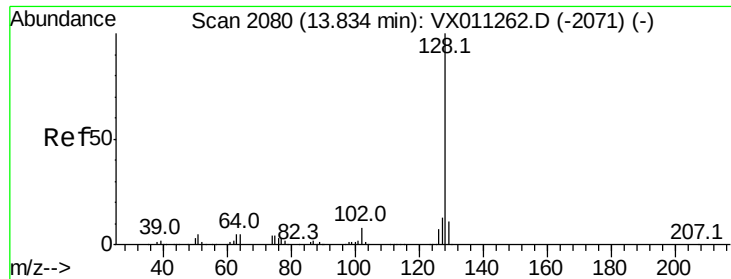
MMDadoda
 8/2/2019 9:05:03 AM



#94
 Hexachlorobutadiene
 Concen: 47.137 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011267.D
 Acq: 01 Aug 2019 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64558		
223	63.9	31.0	93.0	
227	62.3	32.2	96.6	





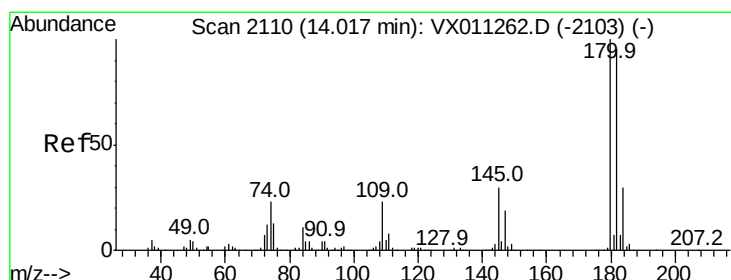
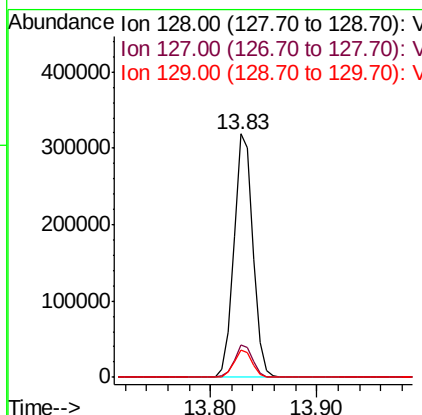
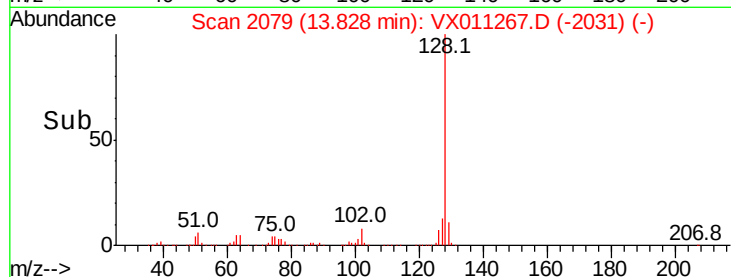
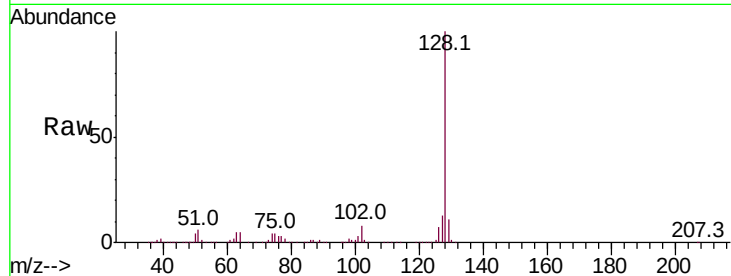
#95
Naphthalene
Concen: 50.461 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	398348
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations
APPROVED

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8/2/2019 9:05:03 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.694 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011267.D
Acq: 01 Aug 2019 18:33

Tgt Ion:	180	Resp:	128144
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.4	142.3
145	30.8	15.2	45.6

