

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072069.D
 Acq On : 23 Feb 2022 11:30
 Operator : VA/SY
 Sample : VD0223SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBS01

Quant Time: Feb 24 06:45:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	436903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	714521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	662358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	326264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	245599	54.193	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.380%			
35) Dibromofluoromethane	7.909	113	238871	55.178	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.360%			
50) Toluene-d8	10.332	98	930783	57.978	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.960%			
62) 4-Bromofluorobenzene	12.626	95	324683	55.058	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	75775	18.395	ug/l	99
3) Chloromethane	2.209	50	74458	20.133	ug/l	99
4) Vinyl Chloride	2.350	62	64726	17.405	ug/l	90
5) Bromomethane	2.756	94	41954	16.588	ug/l	100
6) Chloroethane	2.915	64	41834	17.798	ug/l	95
7) Trichlorofluoromethane	3.268	101	137348	19.090	ug/l	99
8) Diethyl Ether	3.709	74	37812	18.436	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	84662	18.834	ug/l	99
10) Methyl Iodide	4.297	142	49315	12.287	ug/l	98
11) Tert butyl alcohol	5.215	59	25216	97.517	ug/l #	90
12) 1,1-Dichloroethene	4.062	96	67271	16.849	ug/l	91
13) Acrolein	3.909	56	41283	80.963	ug/l	98
14) Allyl chloride	4.709	41	121666	17.388	ug/l	97
15) Acrylonitrile	5.415	53	98632	88.977	ug/l	99
16) Acetone	4.150	43	84942	86.725	ug/l	91
17) Carbon Disulfide	4.409	76	157369	14.634	ug/l	99
18) Methyl Acetate	4.715	43	50456	19.579	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	190725	19.636	ug/l	96
20) Methylene Chloride	4.962	84	92680	19.013	ug/l	96
21) trans-1,2-Dichloroethene	5.468	96	79462	17.713	ug/l	98
22) Diisopropyl ether	6.362	45	281724	19.281	ug/l	95
23) Vinyl Acetate	6.303	43	717289	91.928	ug/l	98
24) 1,1-Dichloroethane	6.262	63	164500	18.925	ug/l	97
25) 2-Butanone	7.203	43	119820	88.513	ug/l	96
26) 2,2-Dichloropropane	7.203	77	131522	18.908	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	97920	19.051	ug/l	97
28) Bromochloromethane	7.544	49	68757	18.555	ug/l	99
29) Tetrahydrofuran	7.561	42	75830	87.772	ug/l	99
30) Chloroform	7.703	83	177978	19.942	ug/l	99
31) Cyclohexane	7.979	56	128845	16.096	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	148419	19.325	ug/l	99
36) 1,1-Dichloropropene	8.109	75	118312	18.042	ug/l	99
37) Ethyl Acetate	7.285	43	52707	17.333	ug/l #	96
38) Carbon Tetrachloride	8.091	117	128819	19.166	ug/l	94
39) Methylcyclohexane	9.350	83	125632	16.369	ug/l	96
40) Benzene	8.344	78	342912	18.532	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	29733	15.768	ug/l	90
42) 1,2-Dichloroethane	8.420	62	106768	19.235	ug/l	99
43) Isopropyl Acetate	8.450	43	103427	18.265	ug/l	100
44) Trichloroethene	9.108	130	96029	19.041	ug/l	90
45) 1,2-Dichloropropane	9.379	63	94676	19.181	ug/l	97
46) Dibromomethane	9.467	93	47683	18.306	ug/l	99
47) Bromodichloromethane	9.656	83	135334	20.141	ug/l	98
48) Methyl methacrylate	9.450	41	48212	16.855	ug/l #	85
49) 1,4-Dioxane	9.456	88	11226	363.297	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	281987	93.964	ug/l	99
52) Toluene	10.397	92	224887	18.991	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	121256	19.732	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	141206	19.415	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	73753	20.120	ug/l	97
56) Ethyl methacrylate	10.655	69	83184	19.003	ug/l	98
57) 1,3-Dichloropropane	10.938	76	120401	19.004	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	199355	101.798	ug/l	99
59) 2-Hexanone	10.979	43	189331	92.494	ug/l	97
60) Dibromochloromethane	11.132	129	92004	20.099	ug/l	96
61) 1,2-Dibromoethane	11.238	107	62410	17.817	ug/l	98
64) Tetrachloroethene	10.867	164	83888	20.061	ug/l	95
65) Chlorobenzene	11.661	112	249419	19.430	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	97051	20.370	ug/l	98
67) Ethyl Benzene	11.738	91	428304	18.975	ug/l	99
68) m/p-Xylenes	11.844	106	337485	39.056	ug/l	99
69) o-Xylene	12.173	106	155874	19.176	ug/l	96
70) Styrene	12.191	104	281820	20.203	ug/l	99
71) Bromoform	12.349	173	55713	20.389	ug/l #	94
73) Isopropylbenzene	12.473	105	434922	19.415	ug/l	100
74) N-amyl acetate	12.279	43	101969	18.851	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	82905	18.719	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	103011	33.332	ug/l #	100
77) Bromobenzene	12.749	156	104088	19.842	ug/l	100
78) n-propylbenzene	12.808	91	537850	19.534	ug/l	99
79) 2-Chlorotoluene	12.897	91	309139	19.398	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	377481	20.180	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	25326	20.522	ug/l	98
82) 4-Chlorotoluene	12.997	91	329411	19.861	ug/l	100
83) tert-Butylbenzene	13.214	119	316908	19.719	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	375296	20.409	ug/l	100
85) sec-Butylbenzene	13.391	105	485937	19.849	ug/l	99
86) p-Isopropyltoluene	13.502	119	401819	19.955	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	213539	20.137	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	214634	20.143	ug/l	98
89) n-Butylbenzene	13.832	91	379225	19.805	ug/l	99
90) Hexachloroethane	14.096	117	77174	19.093	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	188256	20.244	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	13163	19.078	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	115813	20.275	ug/l	98
94) Hexachlorobutadiene	15.249	225	63759	20.299	ug/l	100
95) Naphthalene	15.385	128	194152	18.723	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	100900	20.479	ug/l	100

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

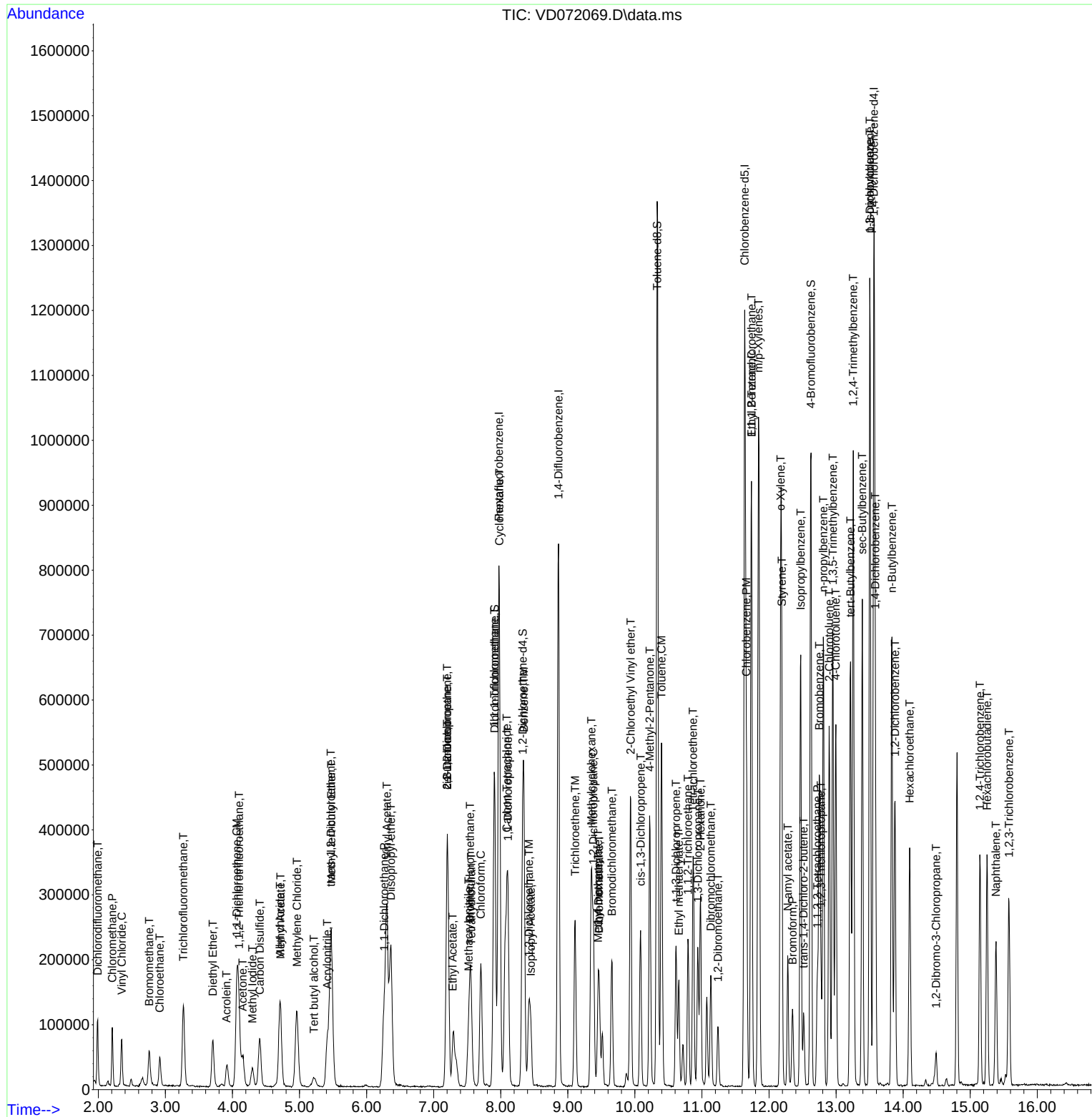
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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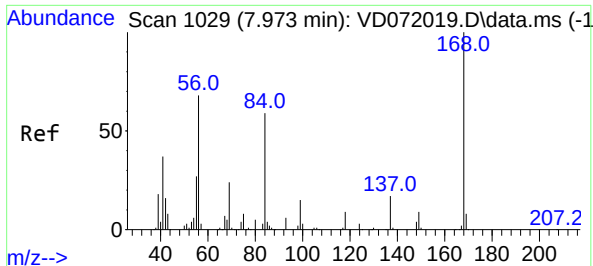
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD072069.D

Acq: 23 Feb 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

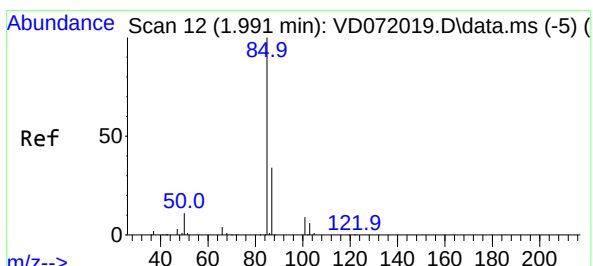
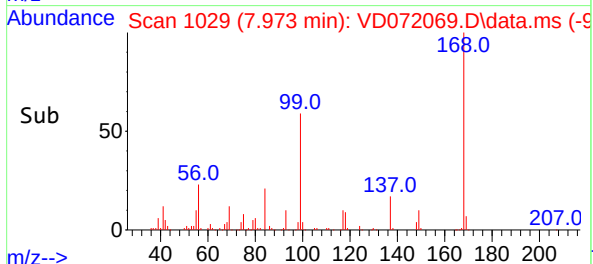
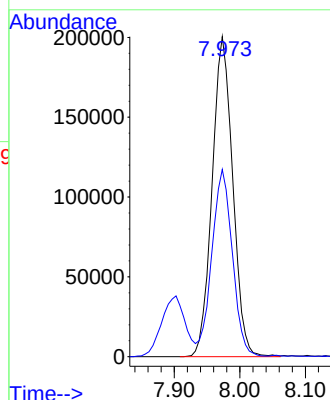
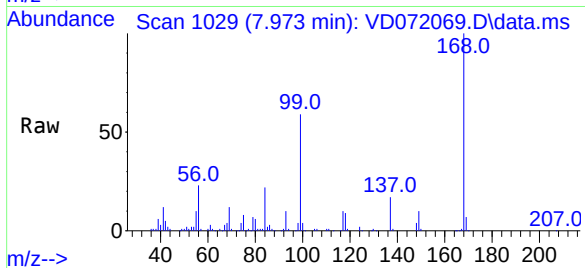
VD0223SBS01

Tgt Ion:168 Resp: 436903

Ion Ratio Lower Upper

168 100

99 58.3 47.1 70.7



Dichlorodifluoromethane

Concen: 18.395 ug/l

RT: 1.991 min Scan# 12

Delta R.T. 0.000 min

Lab File: VD072069.D

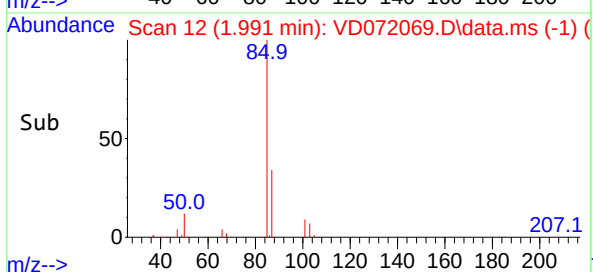
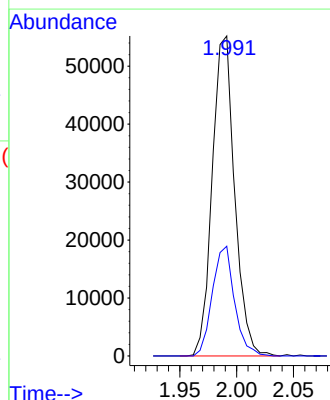
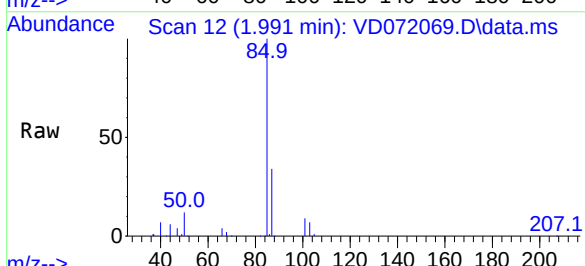
Acq: 23 Feb 2022 11:30

Tgt Ion: 85 Resp: 75775

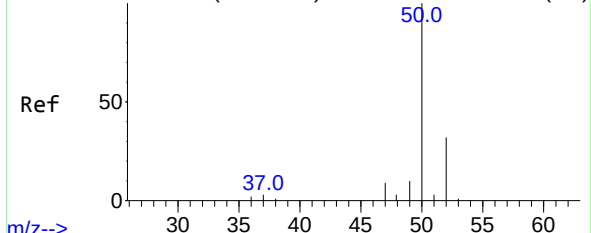
Ion Ratio Lower Upper

85 100

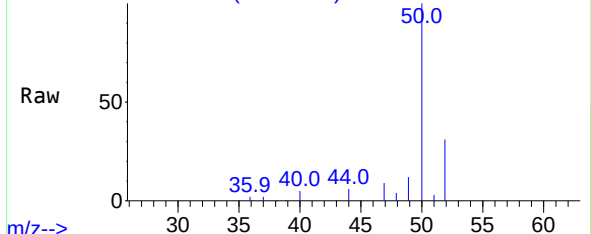
87 34.3 17.0 51.0



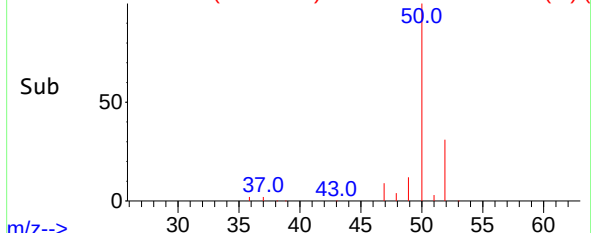
Abundance Scan 49 (2.209 min): VD072019.D\data.ms (-43)



m/z--> Scan 49 (2.209 min): VD072069.D\data.ms



m/z--> Scan 49 (2.209 min): VD072069.D\data.ms (-1)



m/z-->

#3

Chloromethane

Concen: 20.133 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD072069.D

Acq: 23 Feb 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBS01

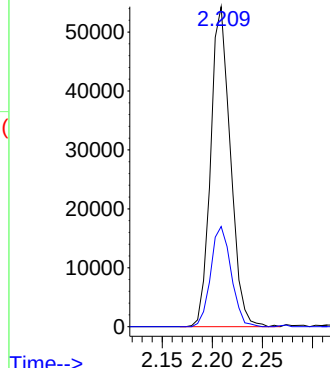
Tgt Ion: 50 Resp: 74458

Ion Ratio Lower Upper

50 100

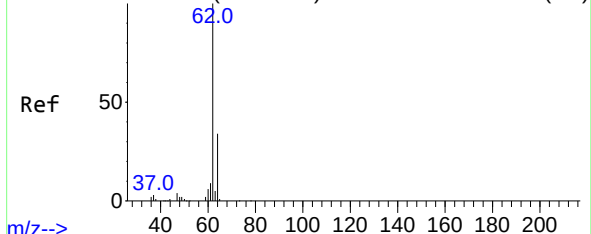
52 31.3 25.5 38.3

Abundance

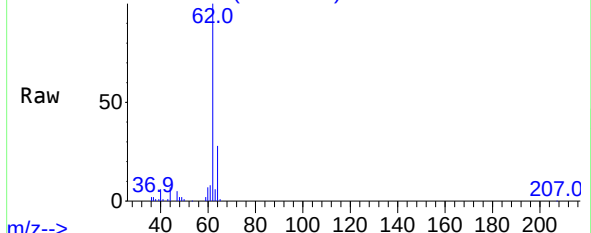


Time-->

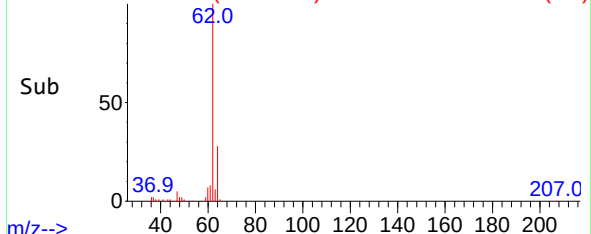
Abundance Scan 73 (2.350 min): VD072019.D\data.ms (-65)



m/z--> Scan 73 (2.350 min): VD072069.D\data.ms



m/z--> Scan 73 (2.350 min): VD072069.D\data.ms (-22)



m/z-->

#4

Vinyl Chloride

Concen: 17.405 ug/l

RT: 2.350 min Scan# 73

Delta R.T. 0.000 min

Lab File: VD072069.D

Acq: 23 Feb 2022 11:30

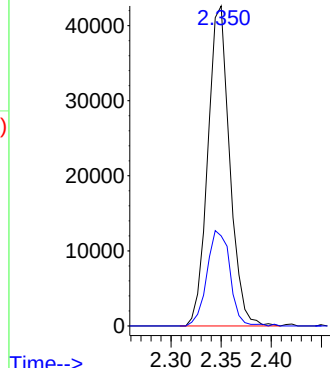
Tgt Ion: 62 Resp: 64726

Ion Ratio Lower Upper

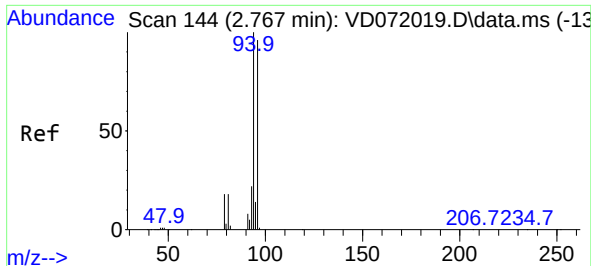
62 100

64 28.2 27.0 40.6

Abundance



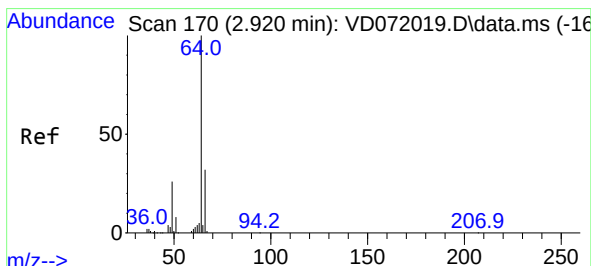
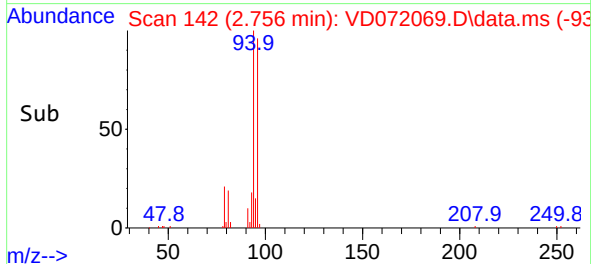
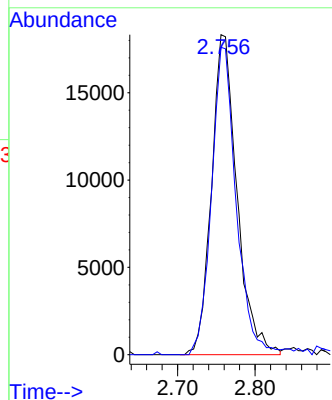
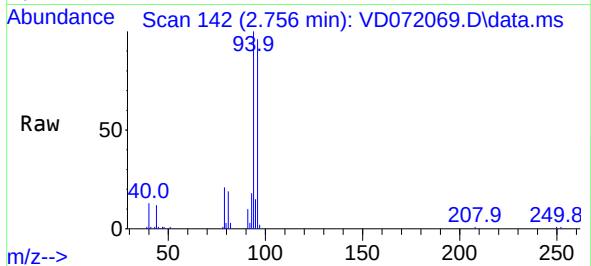
Time-->



#5
Bromomethane
Concen: 16.588 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.011 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

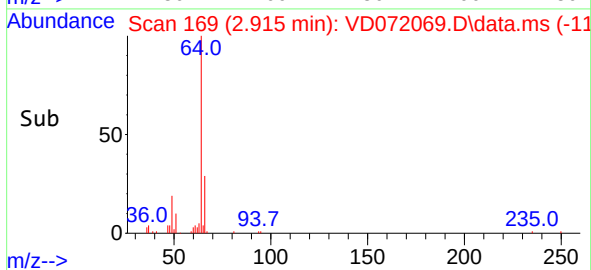
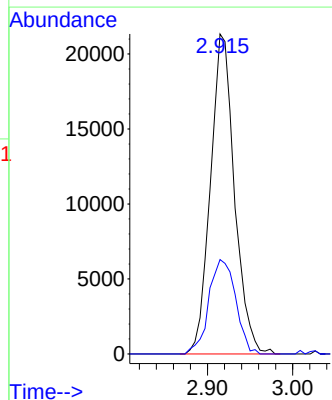
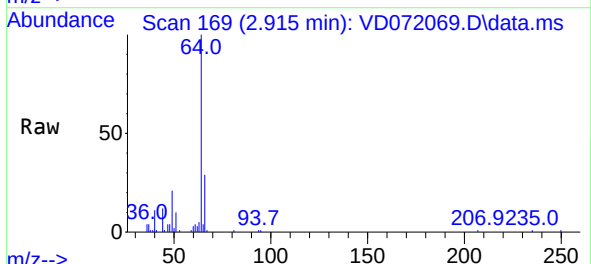
Instrument :
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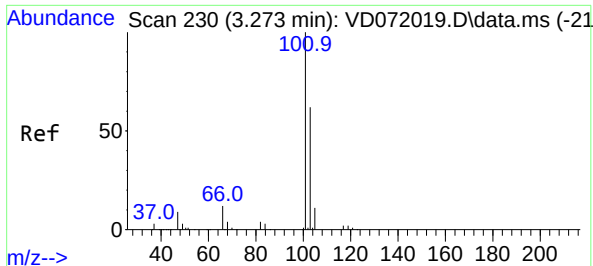
Tgt Ion: 94 Resp: 41954
Ion Ratio Lower Upper
94 100
96 96.0 76.8 115.2



#6
Chloroethane
Concen: 17.798 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 64 Resp: 41834
Ion Ratio Lower Upper
64 100
66 29.5 25.9 38.9

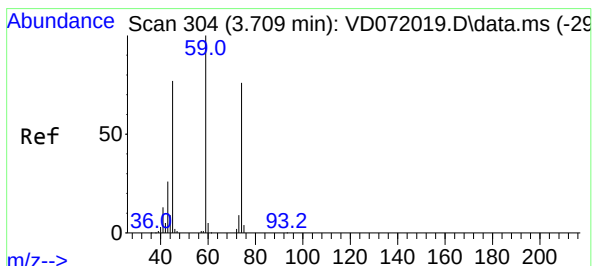
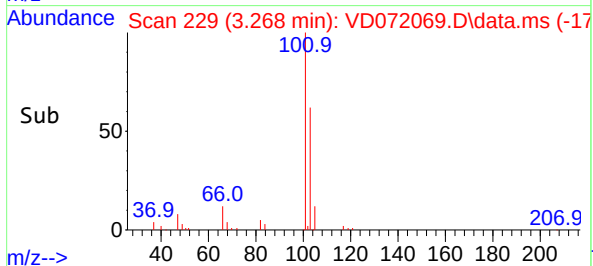
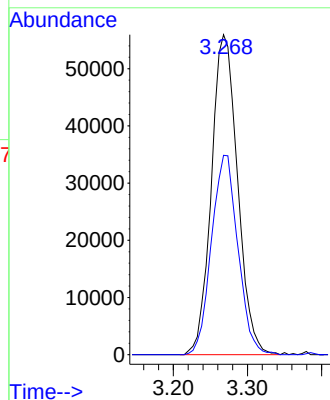
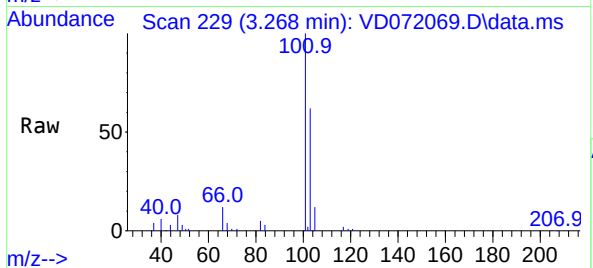




#7
Trichlorofluoromethane
Concen: 19.090 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

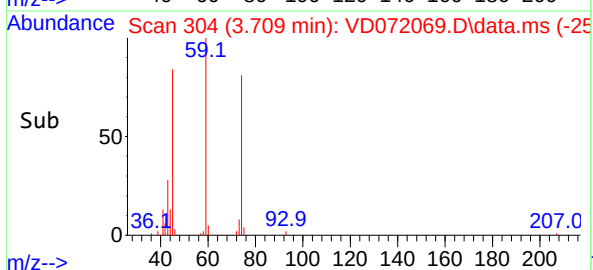
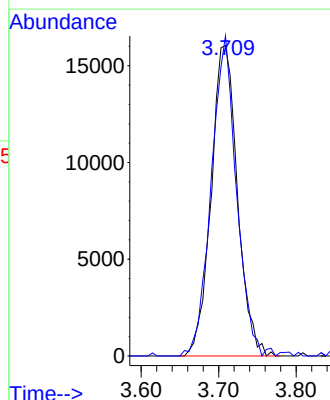
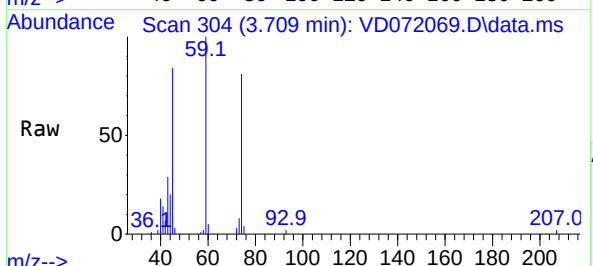
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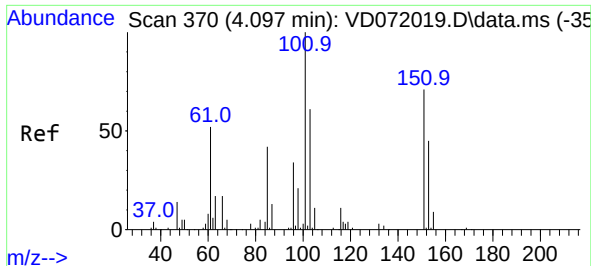
Tgt Ion:101 Resp: 137348
Ion Ratio Lower Upper
101 100
103 62.3 49.4 74.2



#8
Diethyl Ether
Concen: 18.436 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 74 Resp: 37812
Ion Ratio Lower Upper
74 100
45 99.2 50.9 152.8

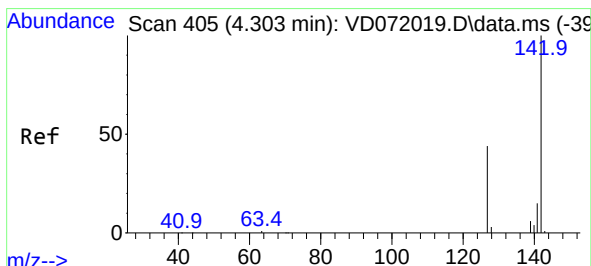
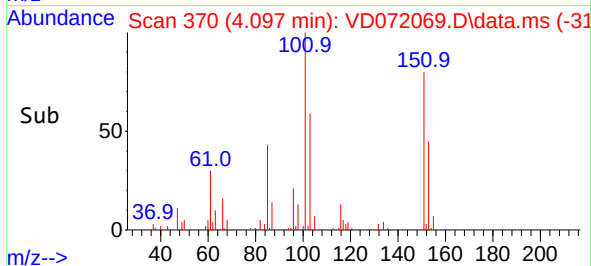
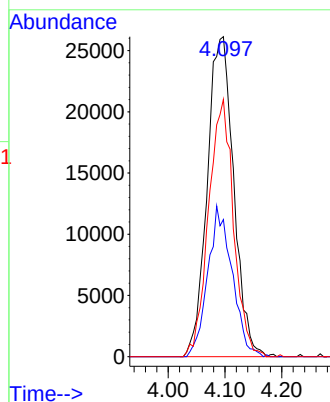
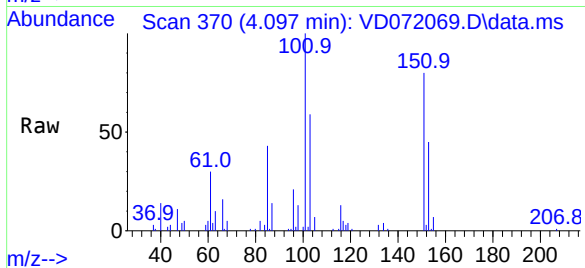




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.834 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

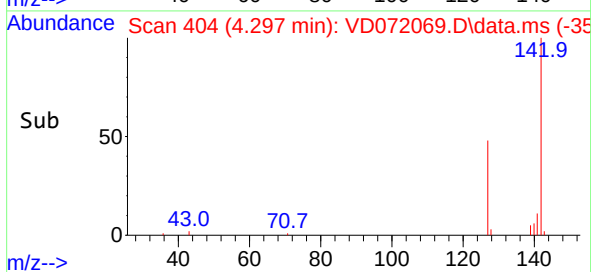
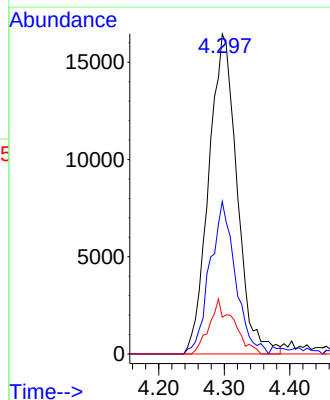
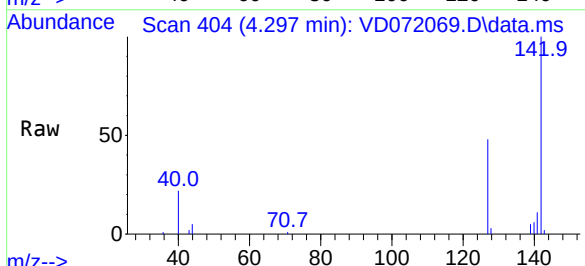
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

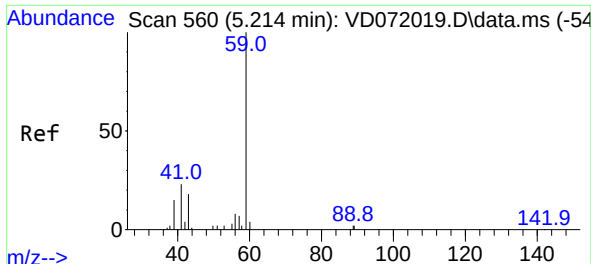
Tgt Ion:	101	Resp:	84662
Ion	Ratio	Lower	Upper
101	100		
85	43.2	34.1	51.1
151	75.6	59.8	89.6



#10
Methyl Iodide
Concen: 12.287 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion:	142	Resp:	49315
Ion	Ratio	Lower	Upper
142	100		
127	43.1	35.8	53.8
141	14.8	11.6	17.4

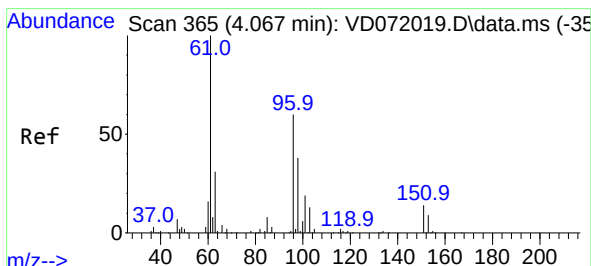
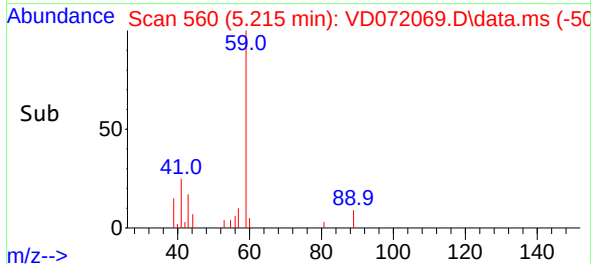
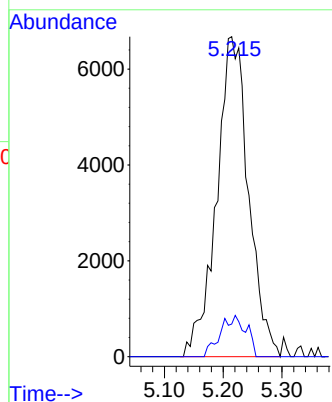
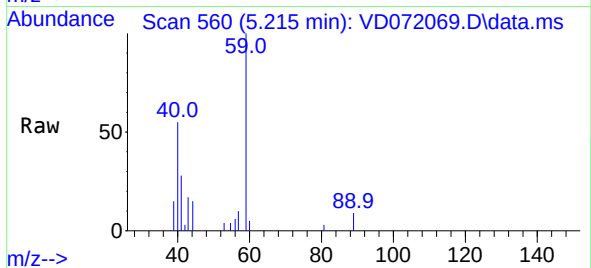




#11
Tert butyl alcohol
Concen: 97.517 ug/l
RT: 5.215 min Scan# 50
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

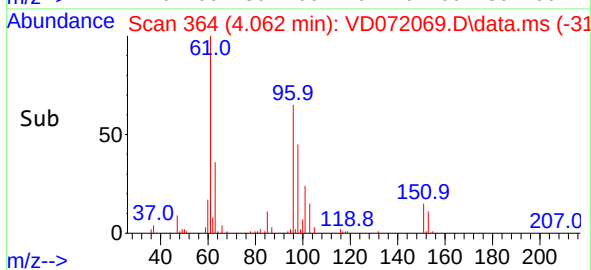
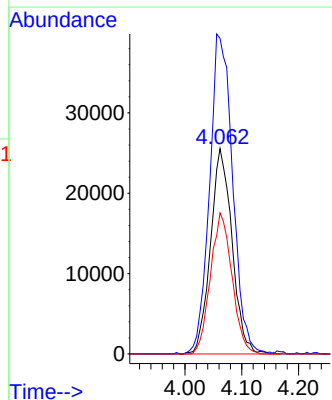
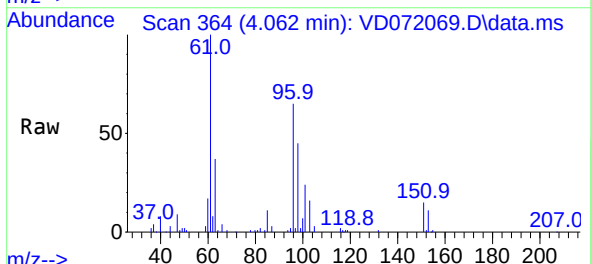
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

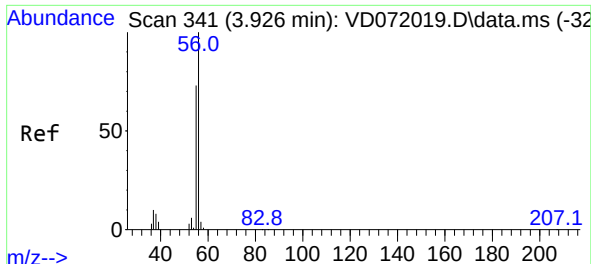
Tgt Ion: 59 Resp: 25216
Ion Ratio Lower Upper
59 100
57 10.4 5.4 8.2#



#12
1,1-Dichloroethene
Concen: 16.849 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 96 Resp: 67271
Ion Ratio Lower Upper
96 100
61 153.5 132.8 199.2
98 68.7 50.1 75.1

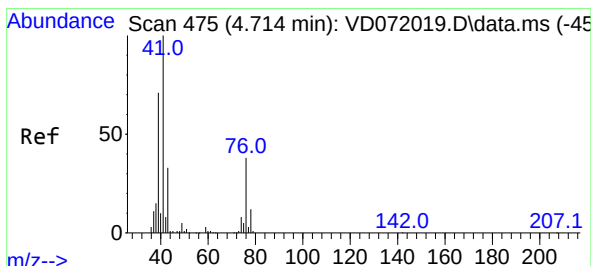
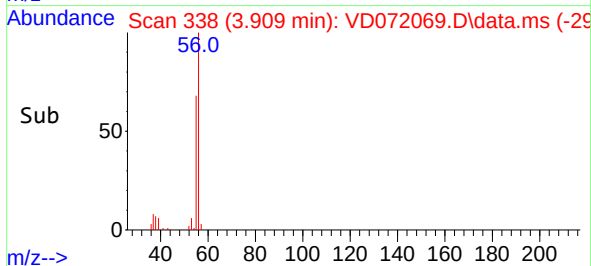
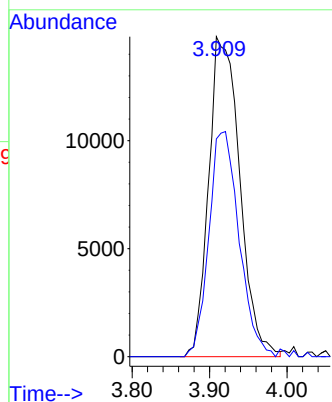
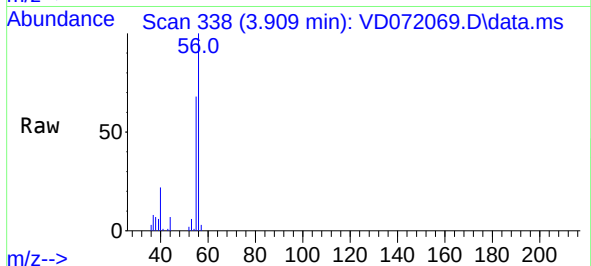




#13
Acrolein
Concen: 80.963 ug/l
RT: 3.909 min Scan# 31
Delta R.T. -0.017 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

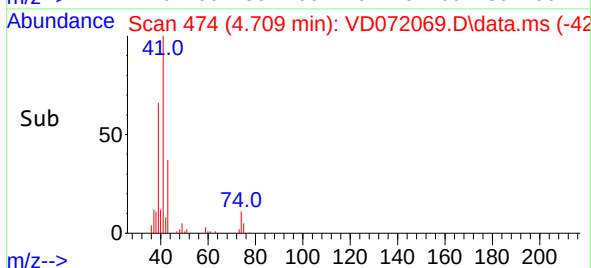
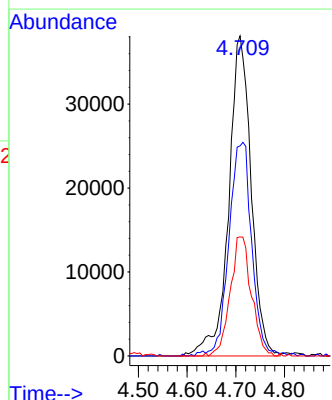
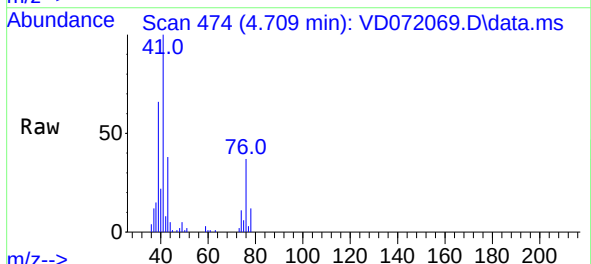
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

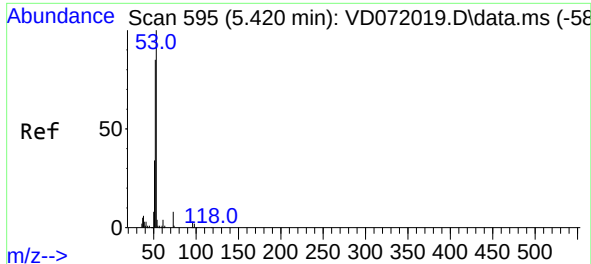
Tgt Ion: 56 Resp: 41283
Ion Ratio Lower Upper
56 100
55 68.3 55.8 83.6



#14
Allyl chloride
Concen: 17.388 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 41 Resp: 121666
Ion Ratio Lower Upper
41 100
39 68.2 52.2 78.2
76 35.3 28.1 42.1





#15

Acrylonitrile

Concen: 88.977 ug/l

RT: 5.415 min Scan# 594

Delta R.T. -0.006 min

Lab File: VD072069.D

Acq: 23 Feb 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBS01

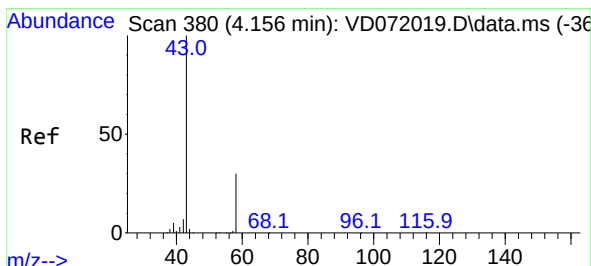
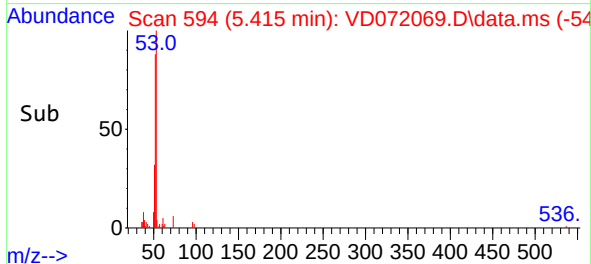
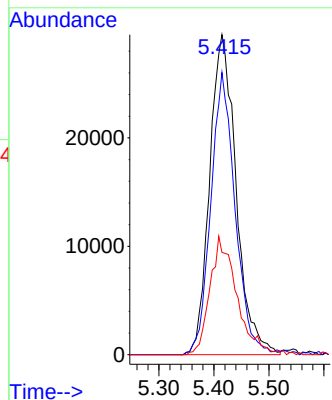
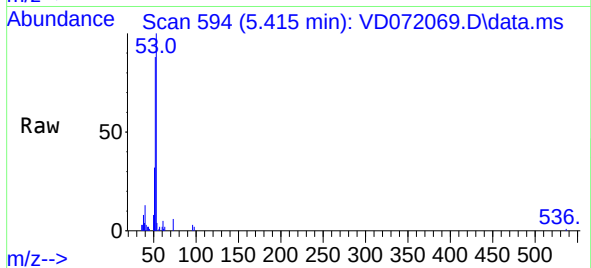
Tgt Ion: 53 Resp: 98632

Ion Ratio Lower Upper

53 100

52 81.0 65.8 98.6

51 37.7 29.4 44.0



#16

Acetone

Concen: 86.725 ug/l

RT: 4.150 min Scan# 379

Delta R.T. -0.006 min

Lab File: VD072069.D

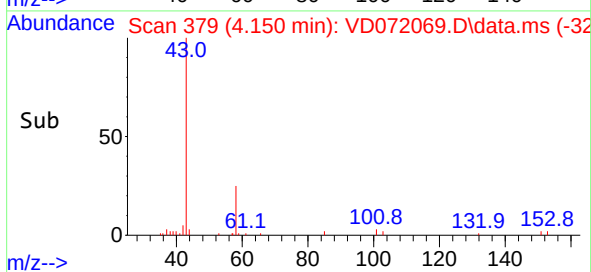
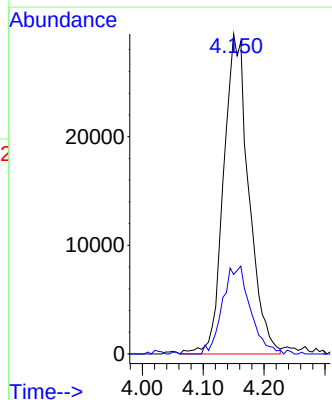
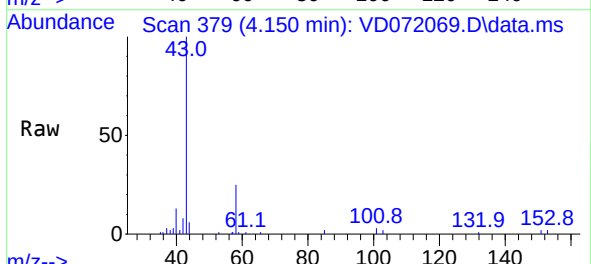
Acq: 23 Feb 2022 11:30

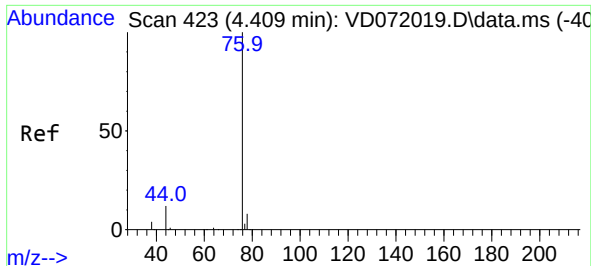
Tgt Ion: 43 Resp: 84942

Ion Ratio Lower Upper

43 100

58 24.9 23.8 35.6

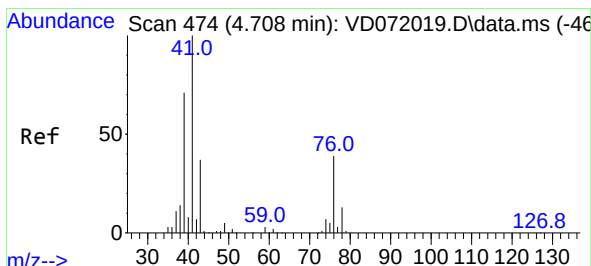
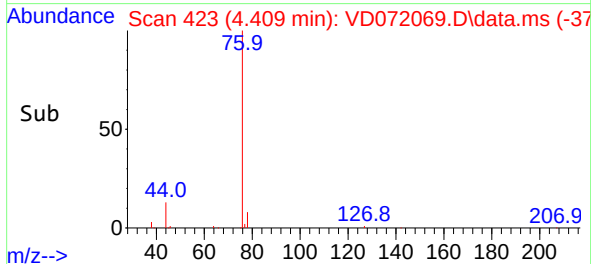
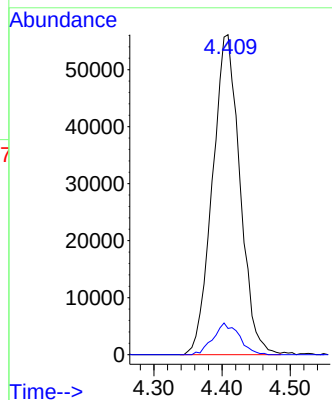
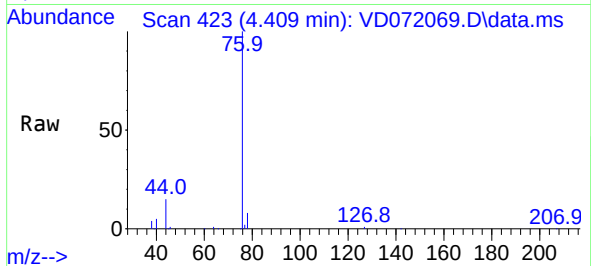




#17
Carbon Disulfide
Concen: 14.634 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

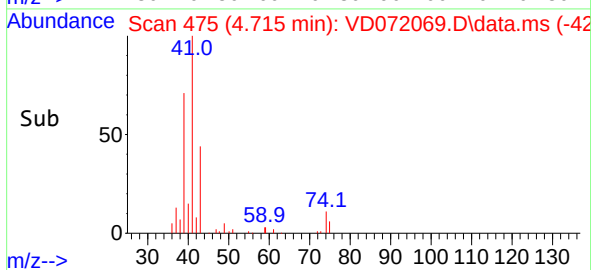
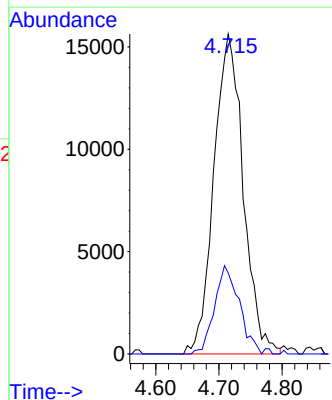
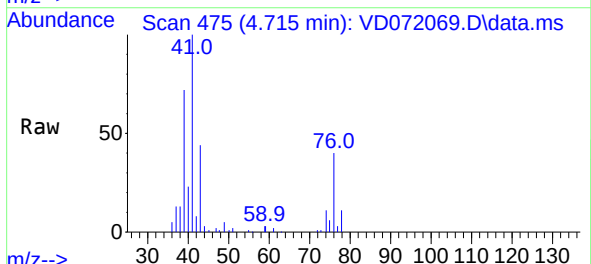
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

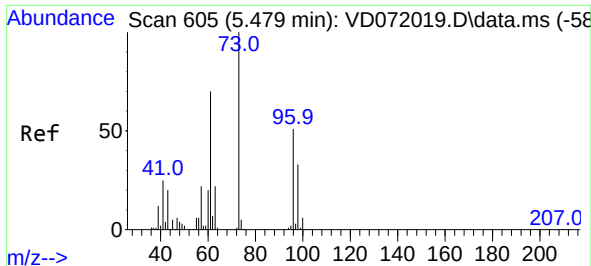
Tgt Ion: 76 Resp: 157369
Ion Ratio Lower Upper
76 100
78 8.2 6.7 10.1



#18
Methyl Acetate
Concen: 19.579 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.007 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 43 Resp: 50456
Ion Ratio Lower Upper
43 100
74 23.2 18.6 27.8

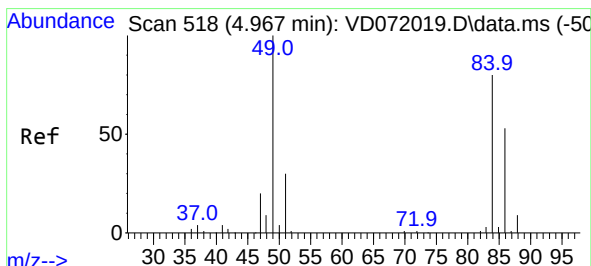
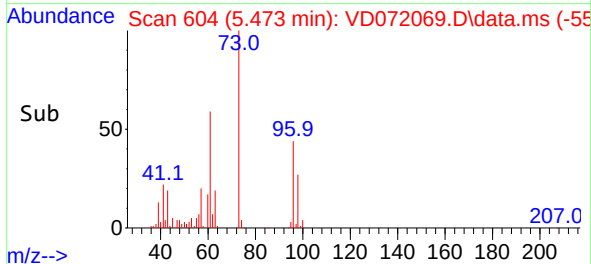
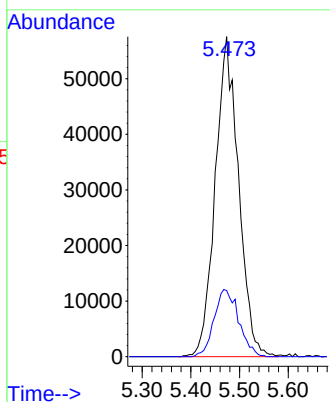
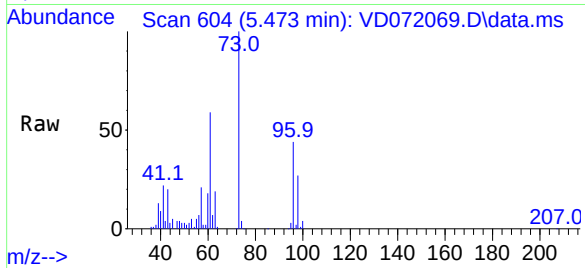




#19
Methyl tert-butyl Ether
Concen: 19.636 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

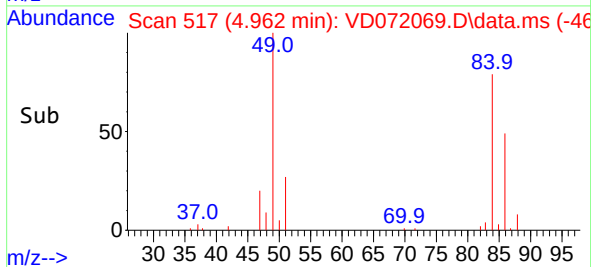
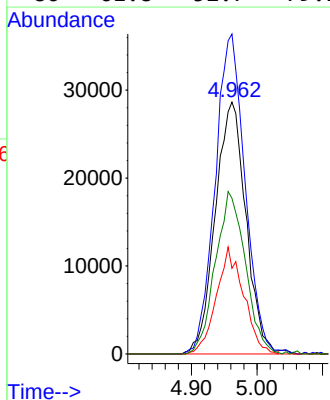
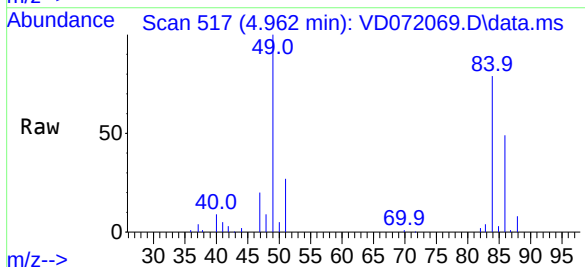
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

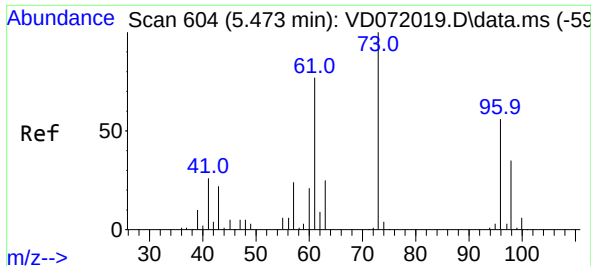
Tgt Ion: 73 Resp: 190725
Ion Ratio Lower Upper
73 100
57 20.7 18.0 27.0



#20
Methylene Chloride
Concen: 19.013 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 84 Resp: 92680
Ion Ratio Lower Upper
84 100
49 127.1 100.0 150.0
51 34.0 30.2 45.4
86 61.8 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 17.713 ug/l

RT: 5.468 min Scan# 604

Delta R.T. -0.006 min

Lab File: VD072069.D

Acq: 23 Feb 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBS01

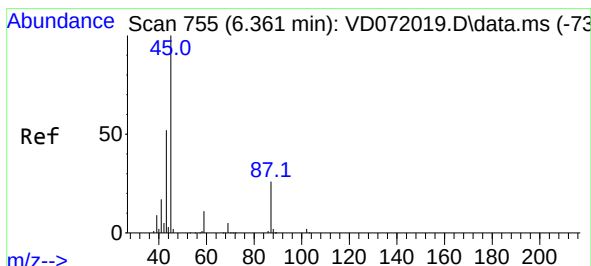
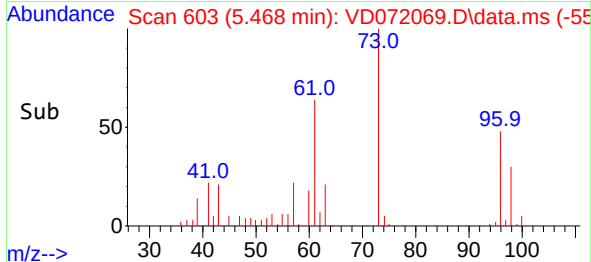
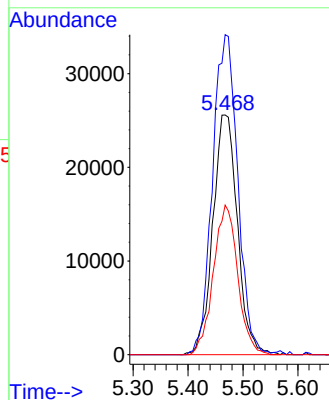
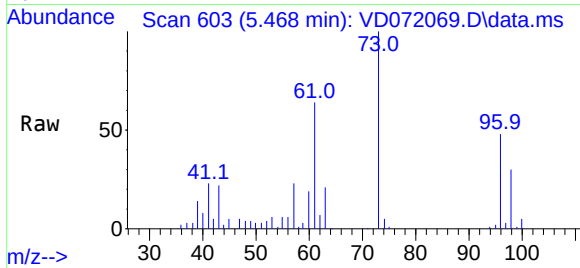
Tgt Ion: 96 Resp: 79462

Ion Ratio Lower Upper

96 100

61 133.5 109.4 164.0

98 62.4 49.6 74.4



#22

Diisopropyl ether

Concen: 19.281 ug/l

RT: 6.362 min Scan# 755

Delta R.T. 0.000 min

Lab File: VD072069.D

Acq: 23 Feb 2022 11:30

Tgt Ion: 45 Resp: 281724

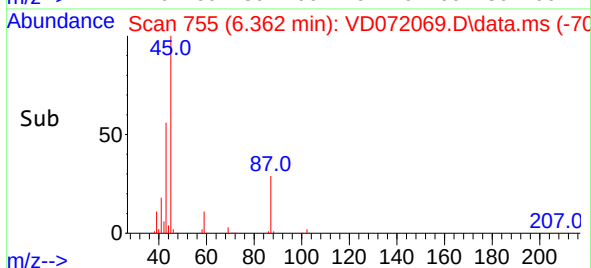
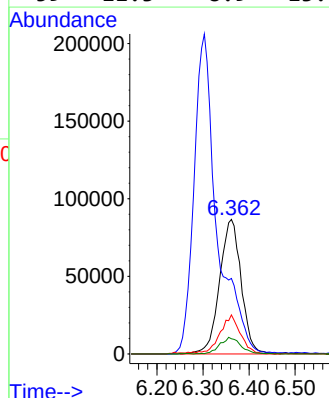
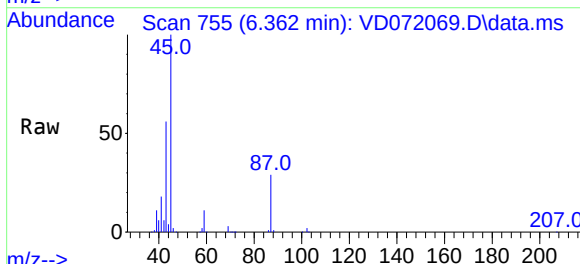
Ion Ratio Lower Upper

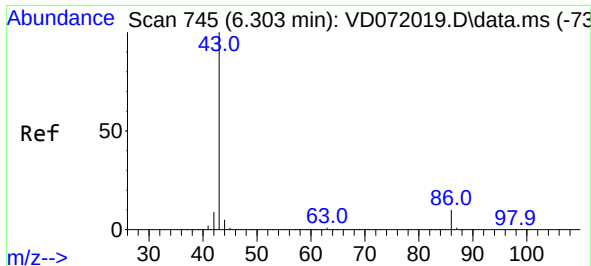
45 100

43 55.1 41.3 61.9

87 29.0 20.4 30.6

59 11.3 8.9 13.3

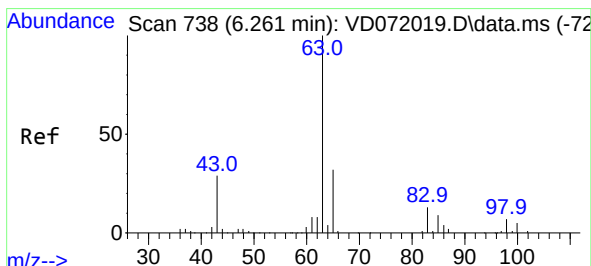
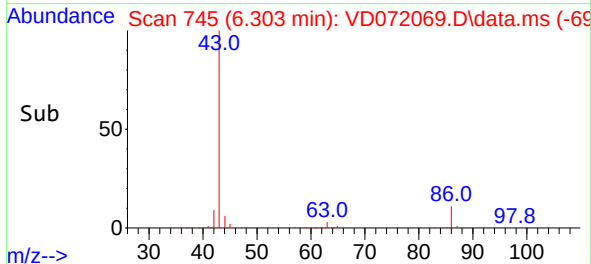
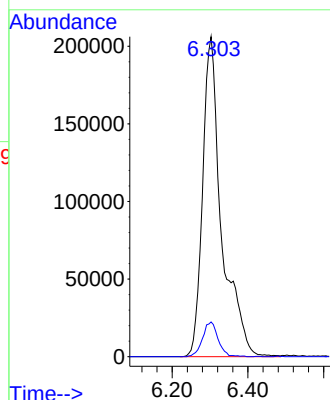
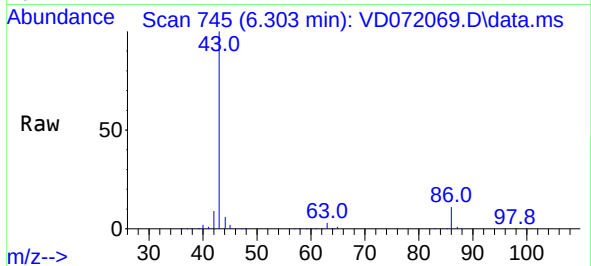




#23
 Vinyl Acetate
 Concen: 91.928 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072069.D
 Acq: 23 Feb 2022 11:30

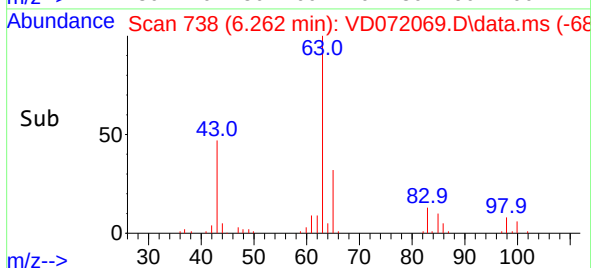
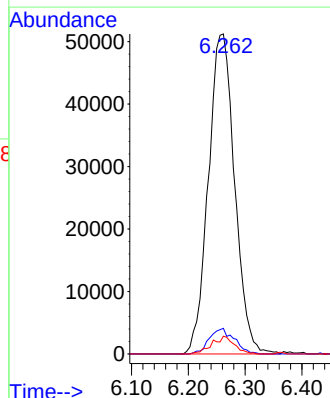
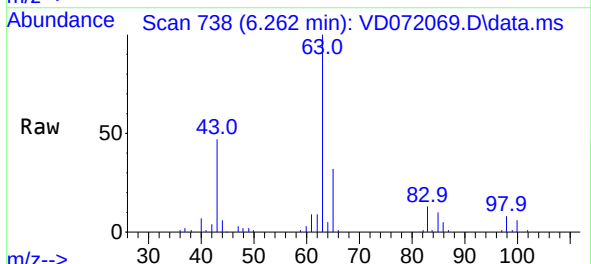
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBS01

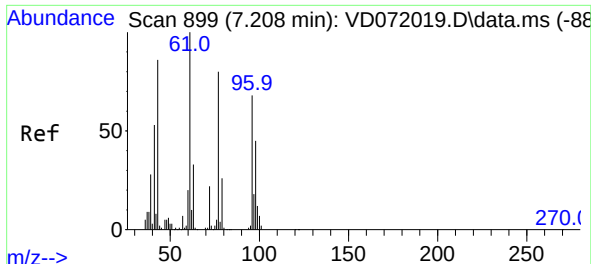
Tgt Ion: 43 Resp: 717289
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 18.925 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072069.D
 Acq: 23 Feb 2022 11:30

Tgt Ion: 63 Resp: 164500
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.3 9.9
 100 5.5 2.4 7.1

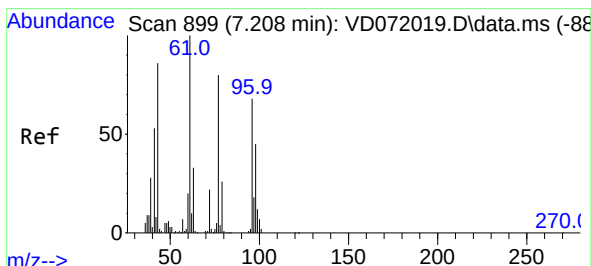
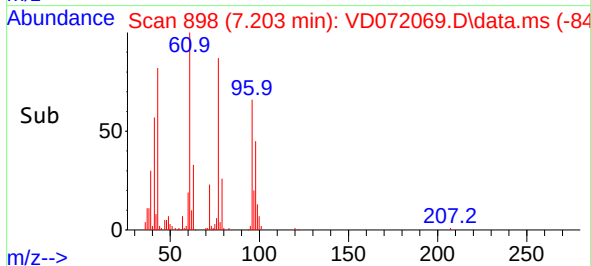
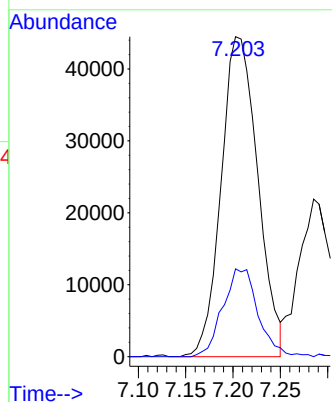
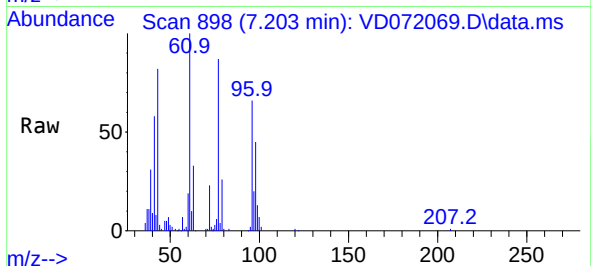




#25
2-Butanone
Concen: 88.513 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

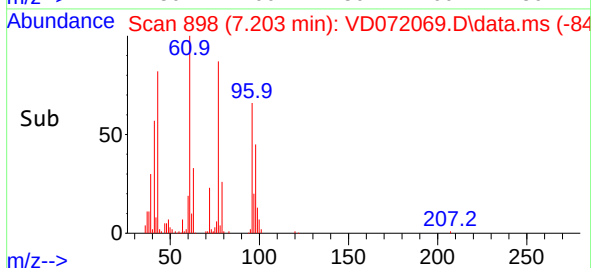
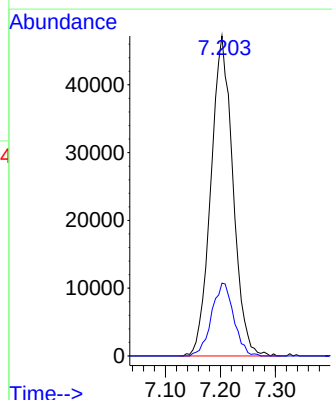
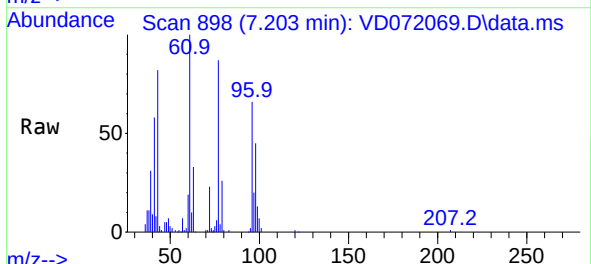
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

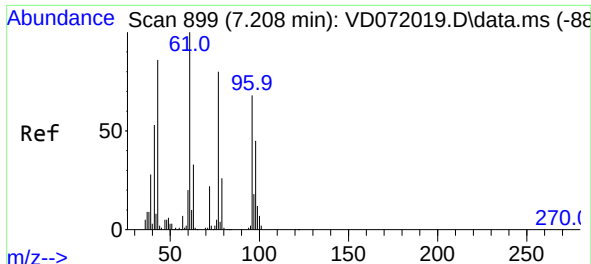
Tgt Ion: 43 Resp: 119820
Ion Ratio Lower Upper
43 100
72 27.4 20.3 30.5



#26
2,2-Dichloropropane
Concen: 18.908 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 77 Resp: 131522
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.051 ug/l

RT: 7.203 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD072069.D

Acq: 23 Feb 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBS01

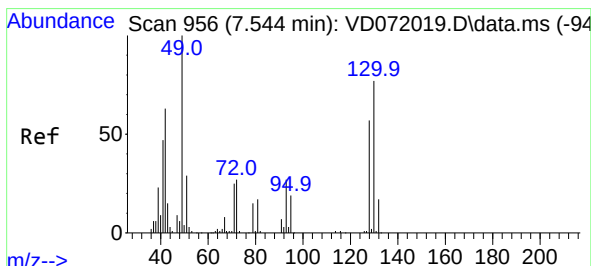
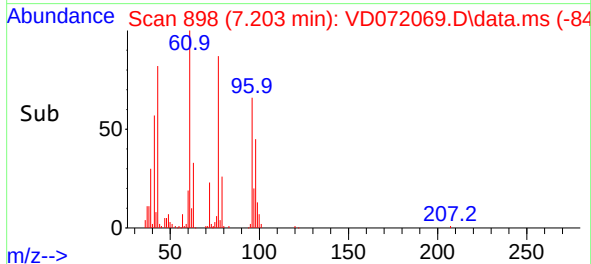
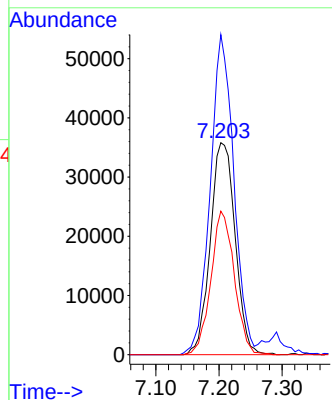
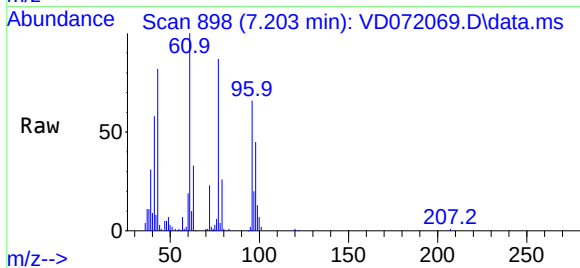
Tgt Ion: 96 Resp: 97920

Ion Ratio Lower Upper

96 100

61 143.0 0.0 295.6

98 63.9 0.0 129.8



#28

Bromochloromethane

Concen: 18.555 ug/l

RT: 7.544 min Scan# 956

Delta R.T. 0.000 min

Lab File: VD072069.D

Acq: 23 Feb 2022 11:30

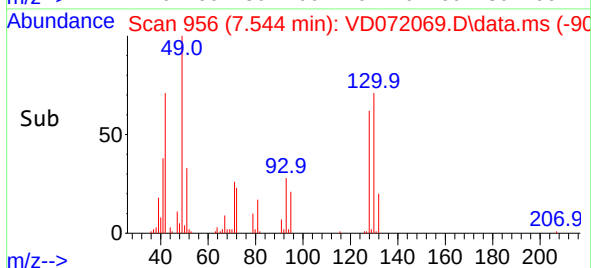
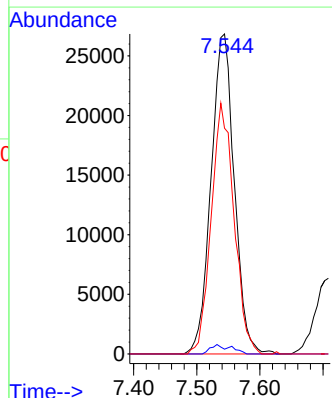
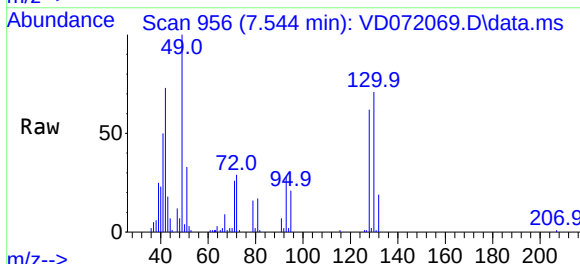
Tgt Ion: 49 Resp: 68757

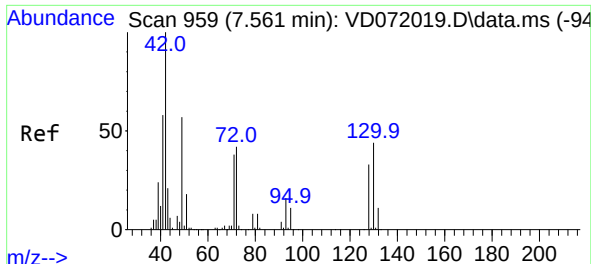
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.2

130 76.9 61.1 91.7





#29

Tetrahydrofuran

Concen: 87.772 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072069.D

Acq: 23 Feb 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBS01

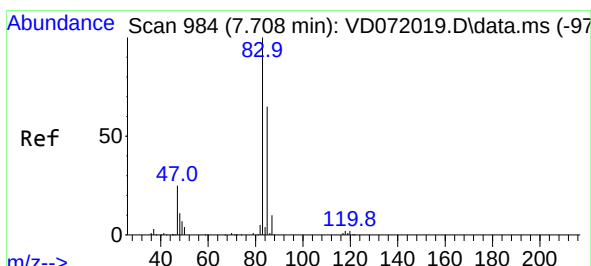
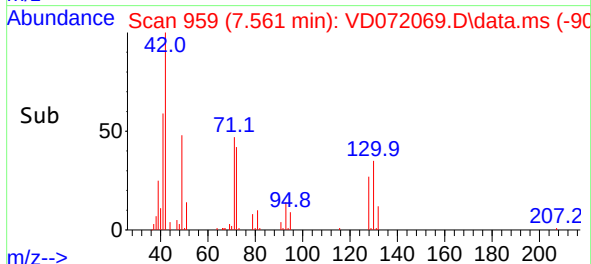
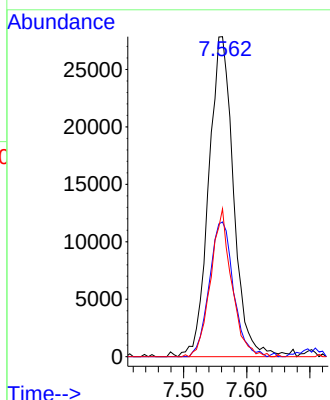
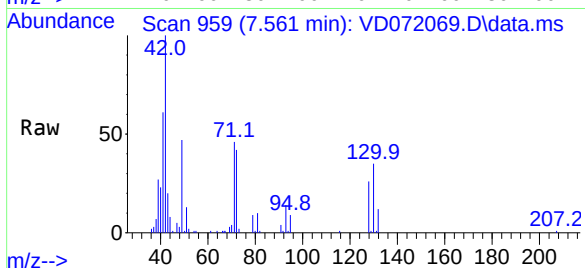
Tgt Ion: 42 Resp: 75830

Ion Ratio Lower Upper

42 100

72 41.2 33.6 50.4

71 39.2 31.0 46.4



#30

Chloroform

Concen: 19.942 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD072069.D

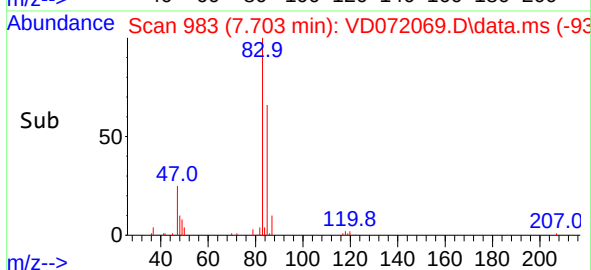
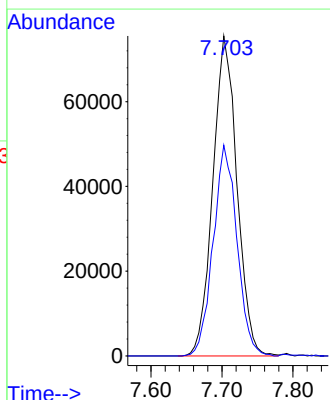
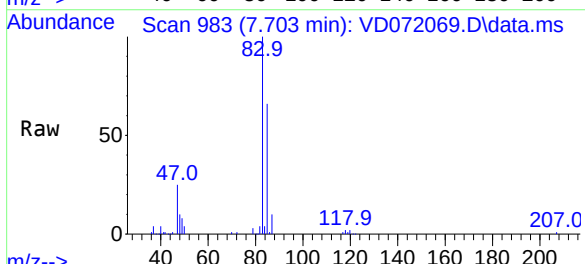
Acq: 23 Feb 2022 11:30

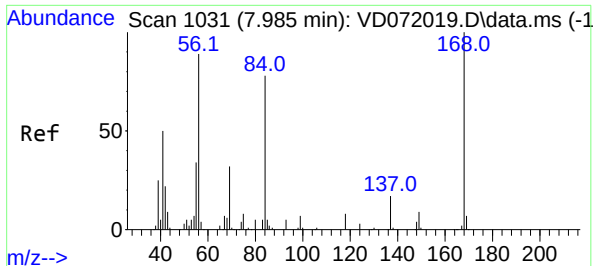
Tgt Ion: 83 Resp: 177978

Ion Ratio Lower Upper

83 100

85 65.9 52.2 78.2





#31

Cyclohexane

Concen: 16.096 ug/l

RT: 7.979 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD072069.D

Acq: 23 Feb 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBS01

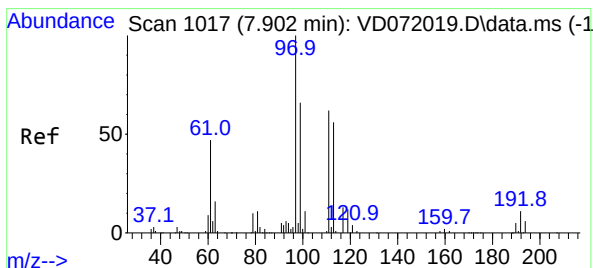
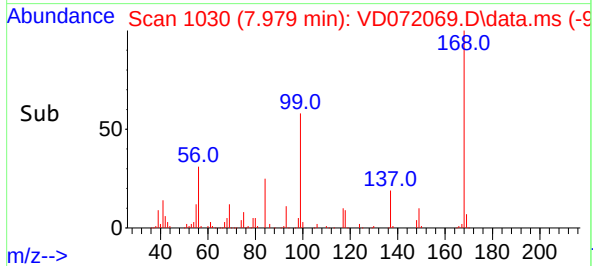
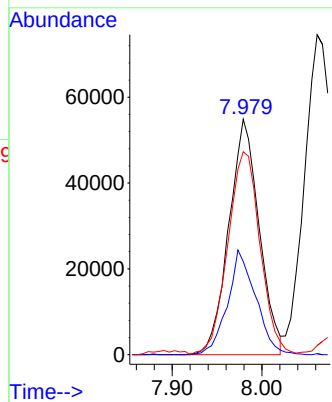
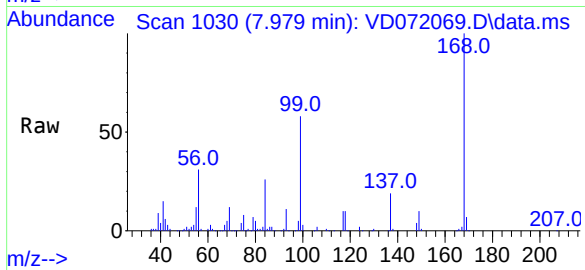
Tgt Ion: 56 Resp: 128845

Ion Ratio Lower Upper

56 100

69 39.1 28.9 43.3

84 84.9 70.6 105.8



#32

1,1,1-Trichloroethane

Concen: 19.325 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD072069.D

Acq: 23 Feb 2022 11:30

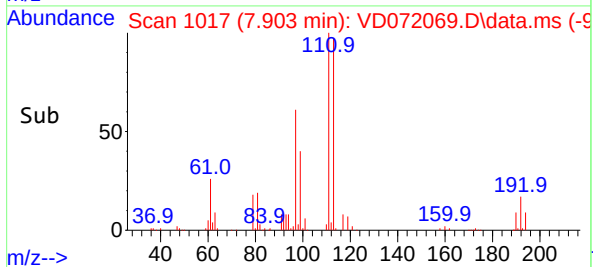
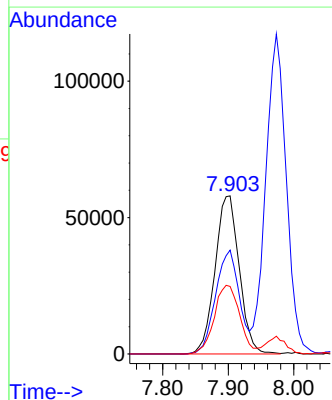
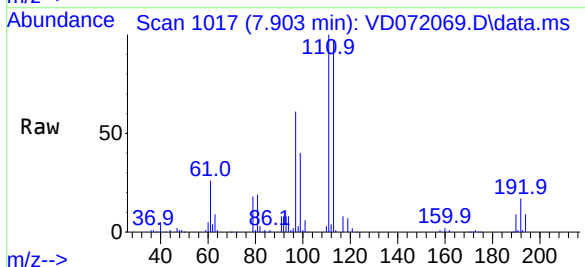
Tgt Ion: 97 Resp: 148419

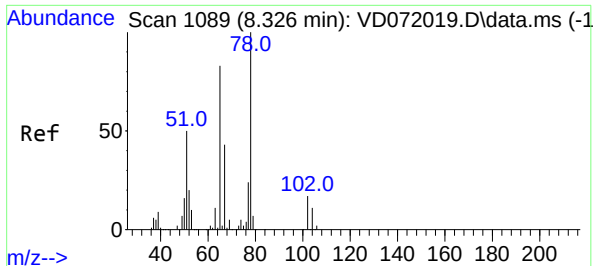
Ion Ratio Lower Upper

97 100

99 64.6 51.2 76.8

61 45.7 37.2 55.8

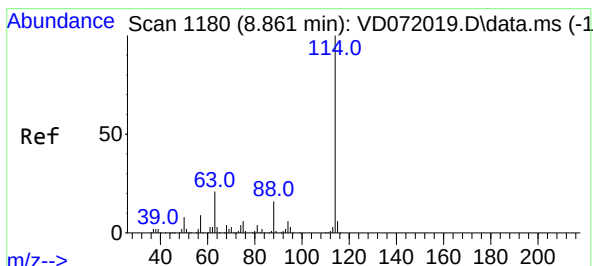
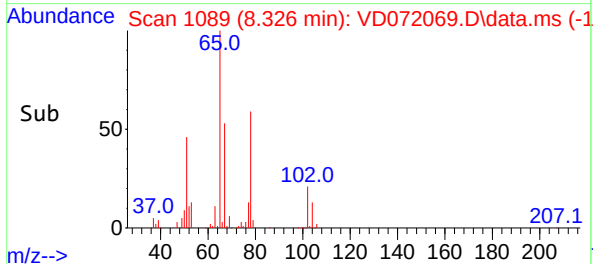
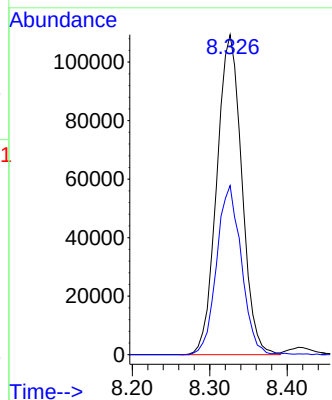
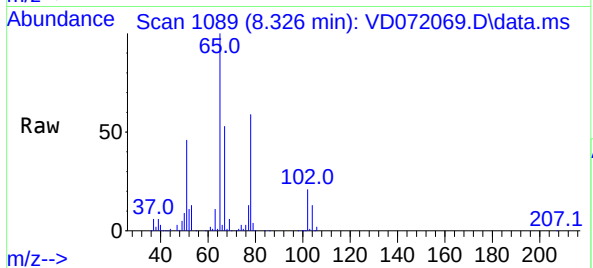




#33
1,2-Dichloroethane-d4
Concen: 54.193 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

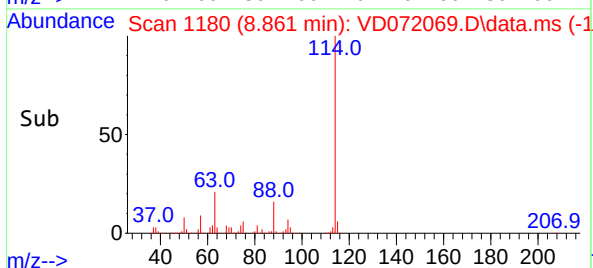
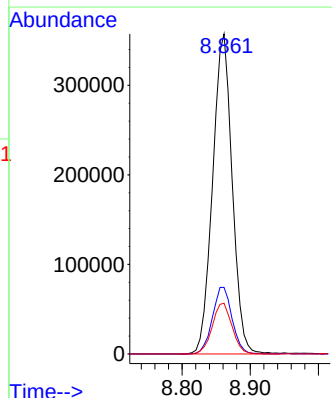
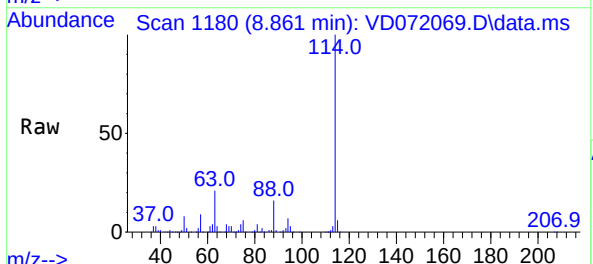
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

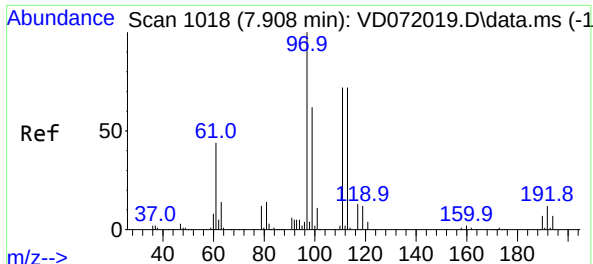
Tgt Ion: 65 Resp: 245599
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 114 Resp: 714521
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.2
88 15.8 0.0 31.2

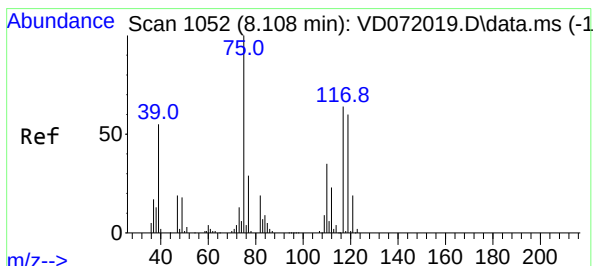
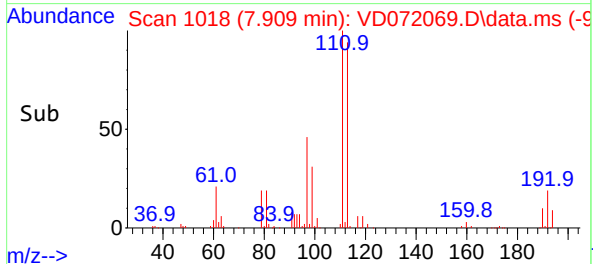
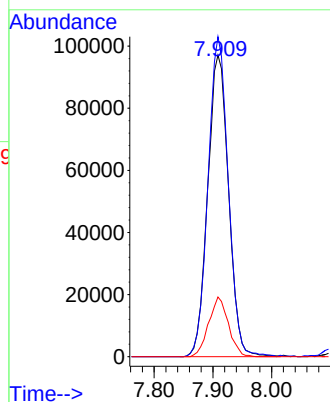
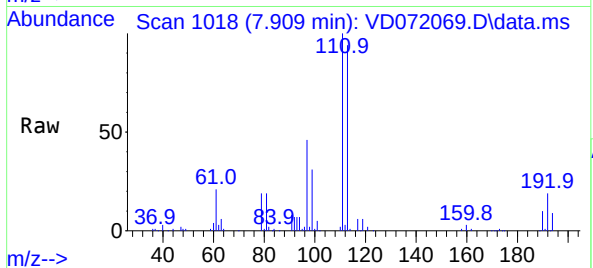




#35
Dibromofluoromethane
Concen: 55.178 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

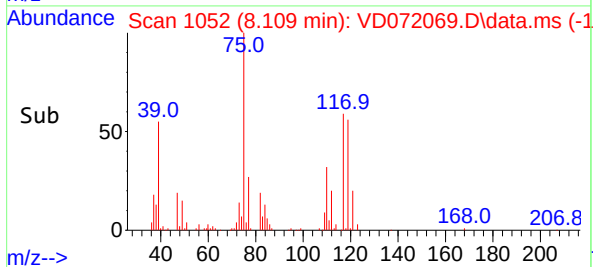
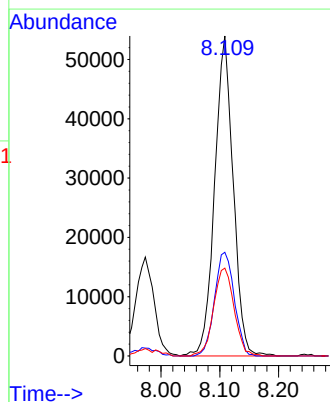
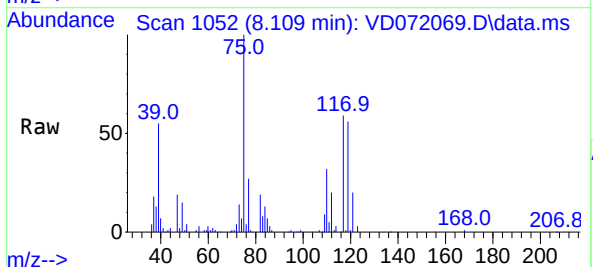
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

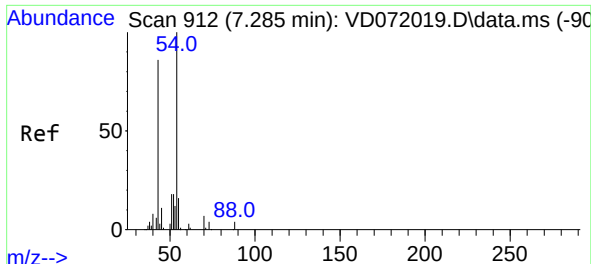
Tgt Ion:113 Resp: 238871
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.4
192 18.8 15.3 22.9



#36
1,1-Dichloropropene
Concen: 18.042 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 75 Resp: 118312
Ion Ratio Lower Upper
75 100
110 34.5 17.7 53.1
77 30.3 24.8 37.2

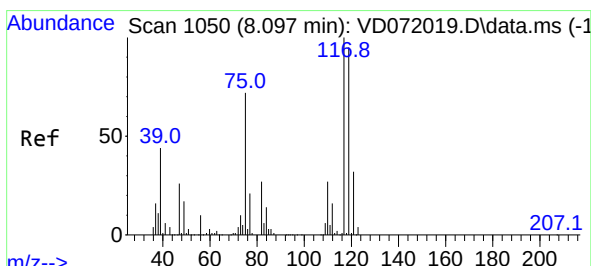
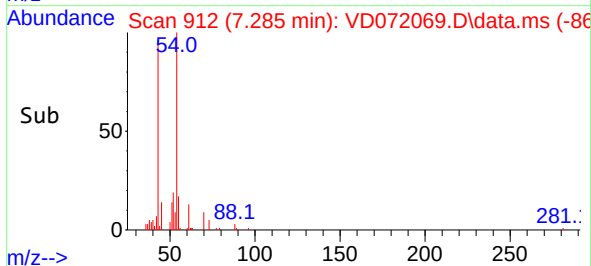
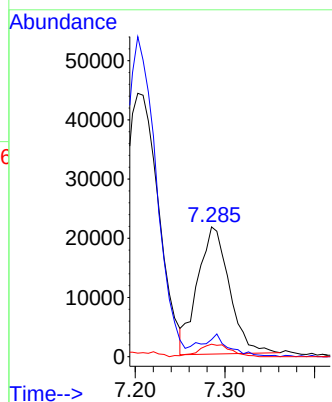
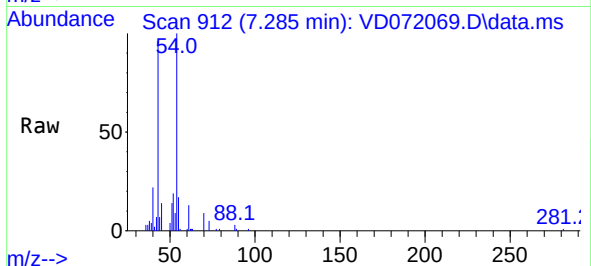




#37
Ethyl Acetate
Concen: 17.333 ug/l
RT: 7.285 min Scan# 912
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

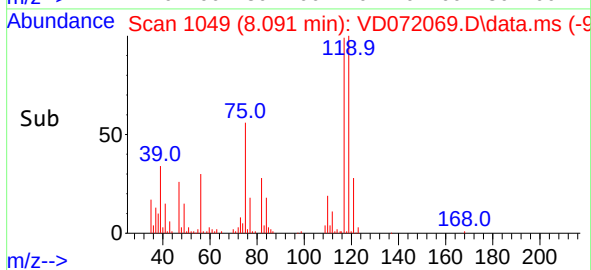
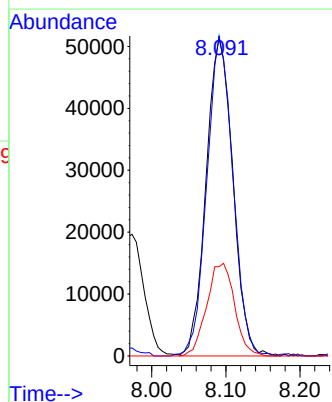
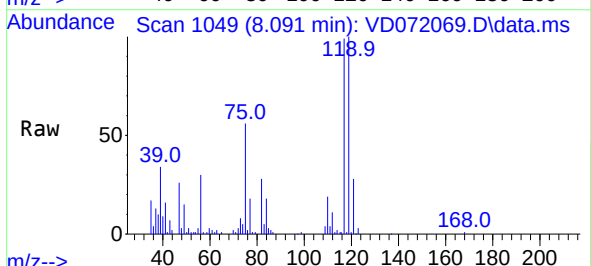
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

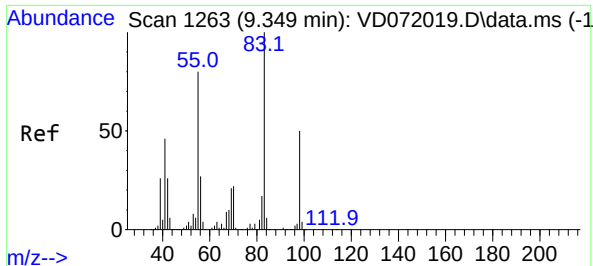
Tgt Ion: 43 Resp: 52707
Ion Ratio Lower Upper
43 100
61 14.8 9.8 14.8#
70 9.9 7.4 11.2



#38
Carbon Tetrachloride
Concen: 19.166 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 117 Resp: 128819
Ion Ratio Lower Upper
117 100
119 100.3 75.8 113.8
121 28.1 25.8 38.6





#39

Methylcyclohexane

Concen: 16.369 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072069.D

Acq: 23 Feb 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBS01

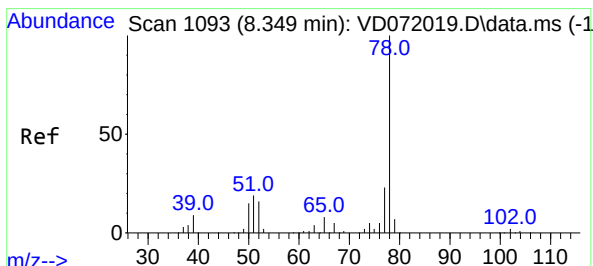
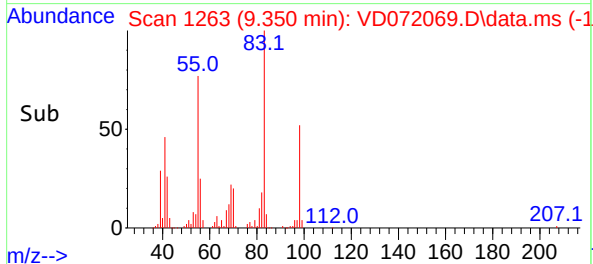
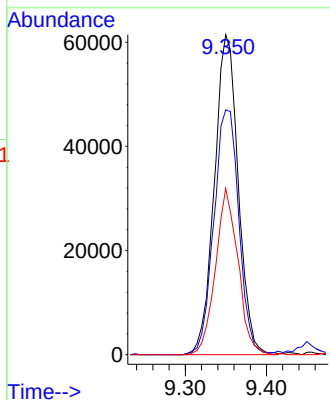
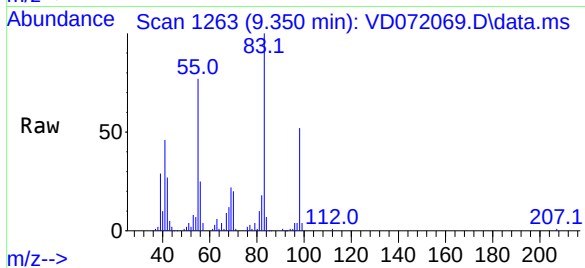
Tgt Ion: 83 Resp: 125632

Ion Ratio Lower Upper

83 100

55 76.5 64.0 96.0

98 51.9 39.8 59.8



#40

Benzene

Concen: 18.532 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072069.D

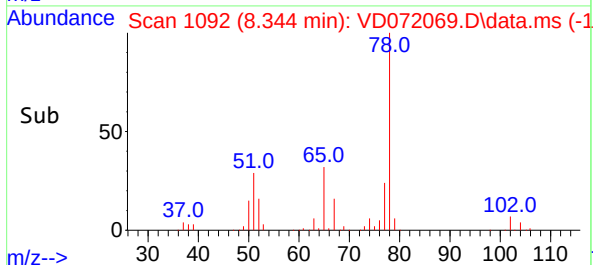
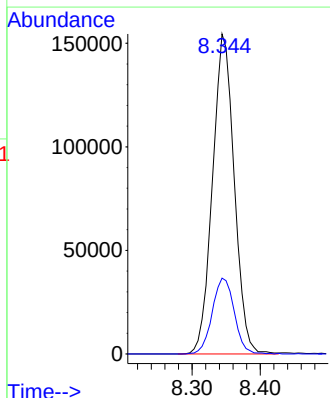
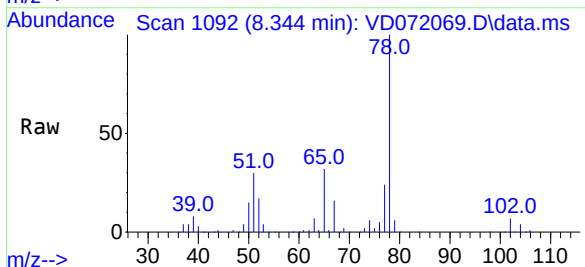
Acq: 23 Feb 2022 11:30

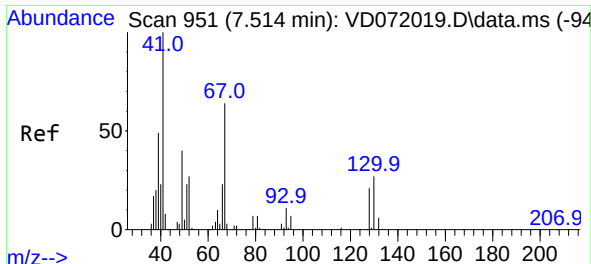
Tgt Ion: 78 Resp: 342912

Ion Ratio Lower Upper

78 100

77 23.7 18.2 27.4



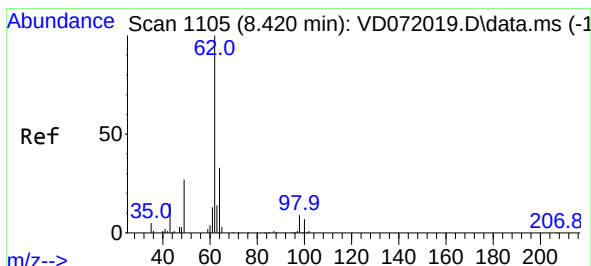
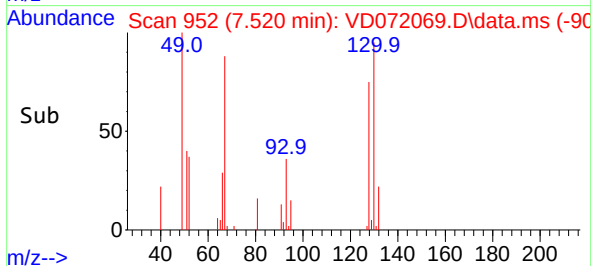
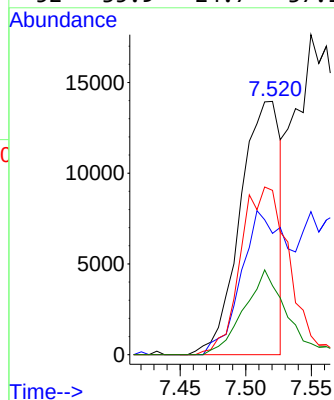
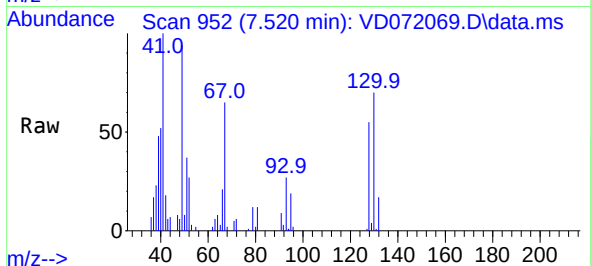


#41
Methacrylonitrile
Concen: 15.768 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

Tgt Ion: 41 Resp: 29733

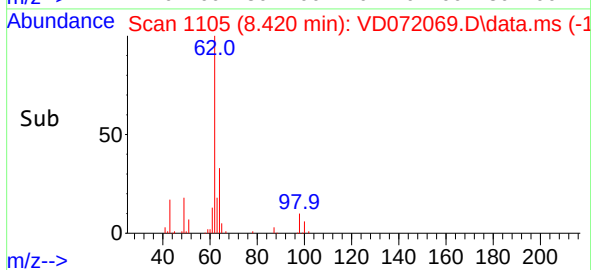
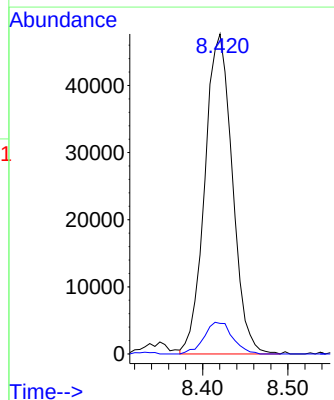
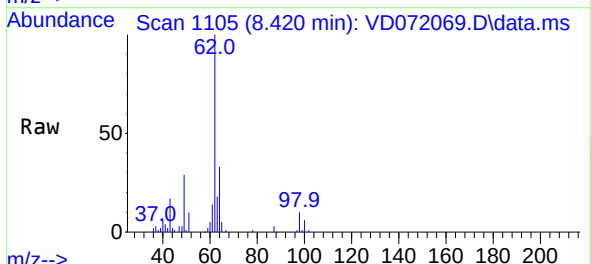
Ion	Ratio	Lower	Upper
41	100		
39	67.1	46.7	70.1
67	80.0	57.6	86.4
52	35.9	24.7	37.1

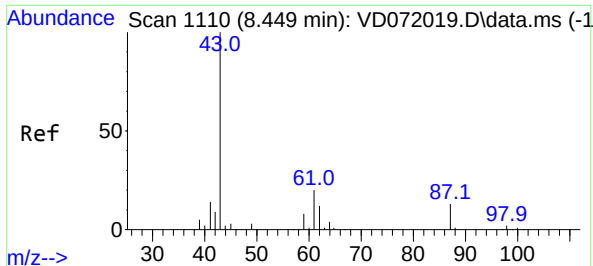


#42
1,2-Dichloroethane
Concen: 19.235 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 62 Resp: 106768

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.0





#43

Isopropyl Acetate

Concen: 18.265 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VD072069.D

Acq: 23 Feb 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBS01

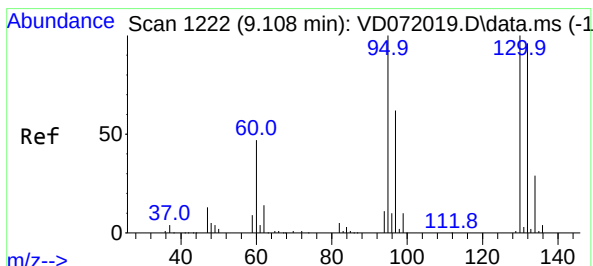
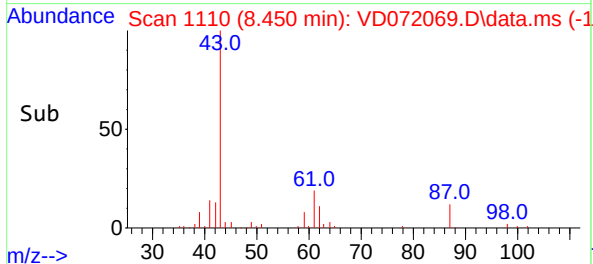
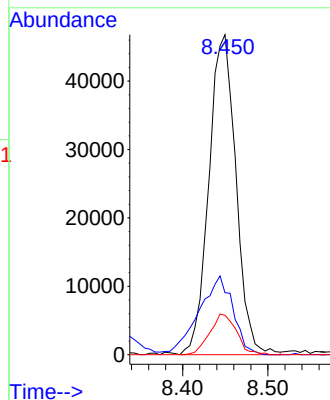
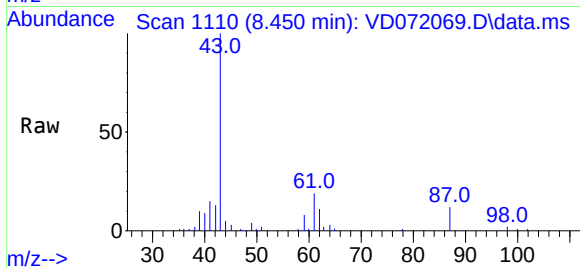
Tgt Ion: 43 Resp: 103427

Ion Ratio Lower Upper

43 100

61 31.0 24.6 37.0

87 12.5 10.1 15.1



#44

Trichloroethene

Concen: 19.041 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD072069.D

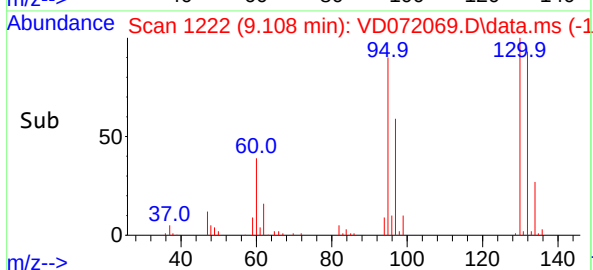
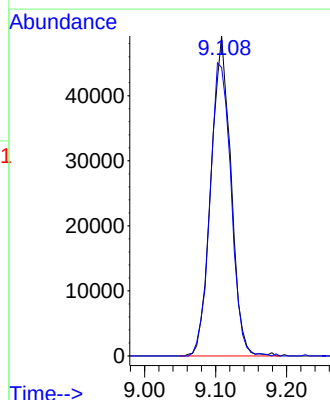
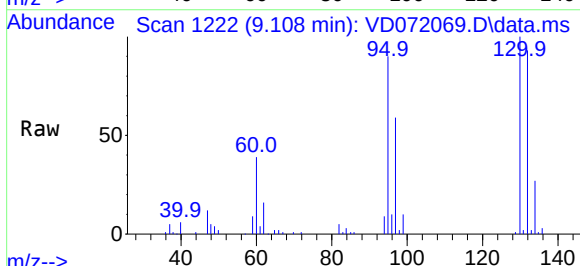
Acq: 23 Feb 2022 11:30

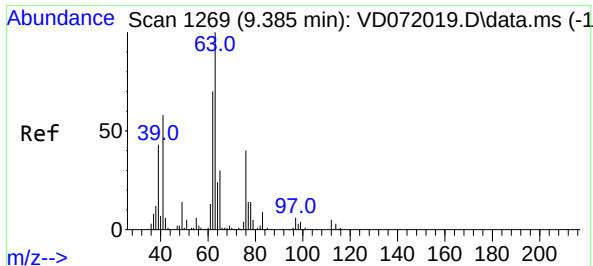
Tgt Ion:130 Resp: 96029

Ion Ratio Lower Upper

130 100

95 90.1 0.0 199.4

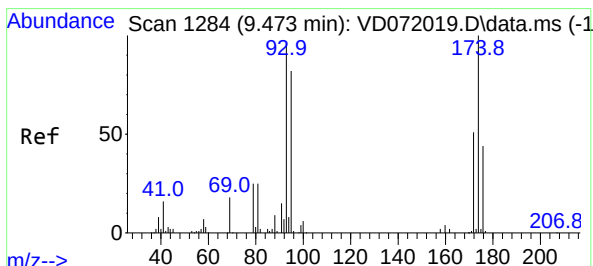
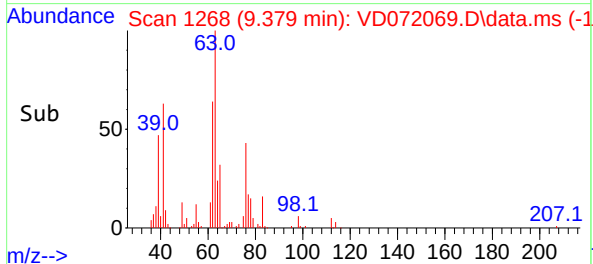
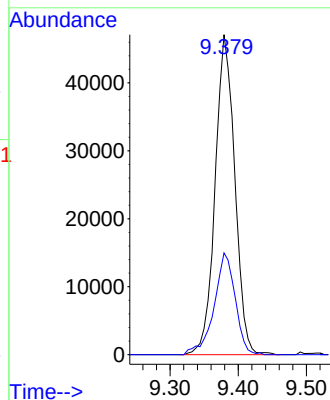
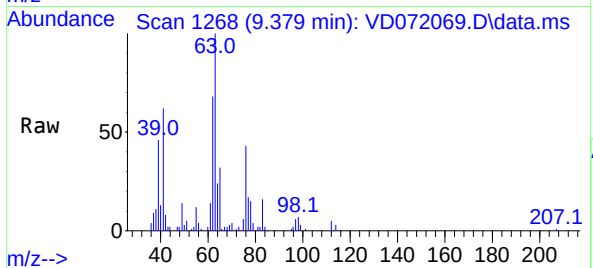




#45
1,2-Dichloropropane
Concen: 19.181 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

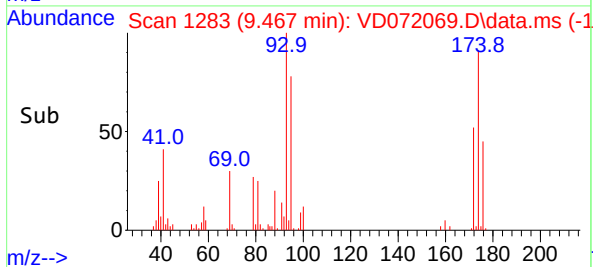
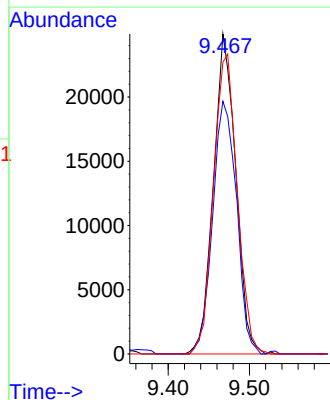
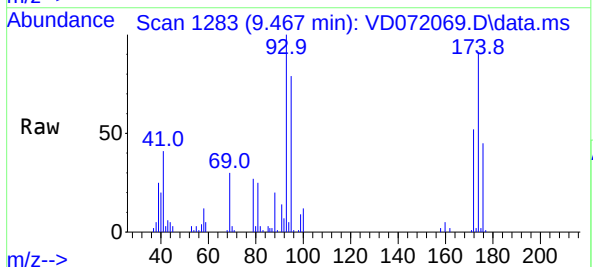
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

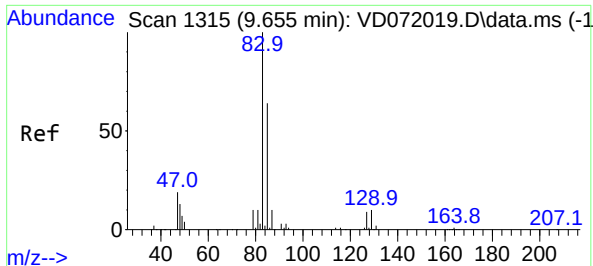
Tgt Ion: 63 Resp: 94676
Ion Ratio Lower Upper
63 100
65 31.8 24.0 36.0



#46
Dibromomethane
Concen: 18.306 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 93 Resp: 47683
Ion Ratio Lower Upper
93 100
95 84.2 67.5 101.3
174 99.2 80.0 120.0





#47

Bromodichloromethane

Concen: 20.141 ug/l

RT: 9.656 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VD072069.D

Acq: 23 Feb 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBS01

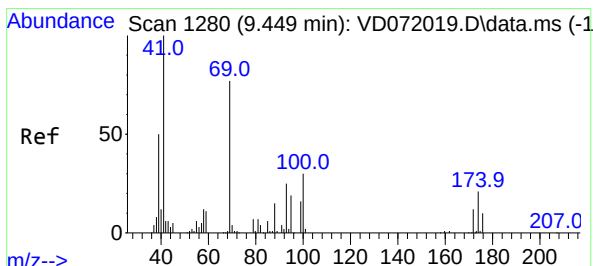
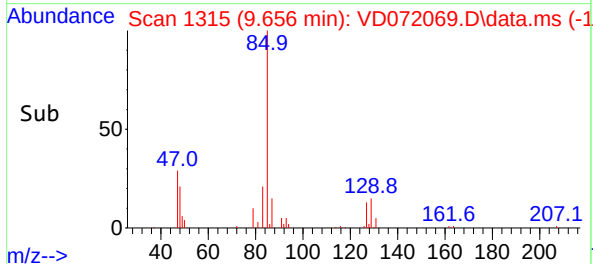
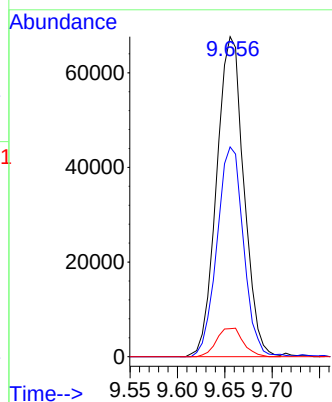
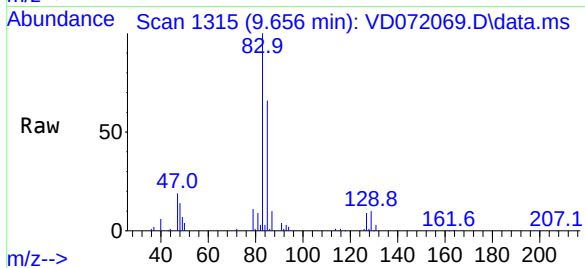
Tgt Ion: 83 Resp: 135334

Ion Ratio Lower Upper

83 100

85 65.6 51.4 77.0

127 8.8 7.0 10.6



#48

Methyl methacrylate

Concen: 16.855 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD072069.D

Acq: 23 Feb 2022 11:30

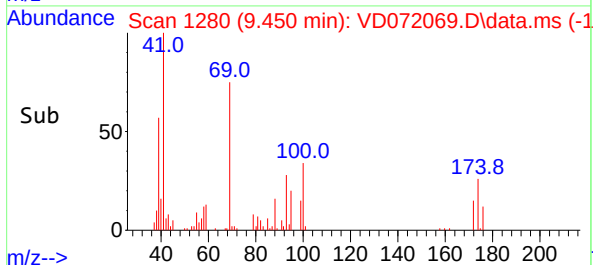
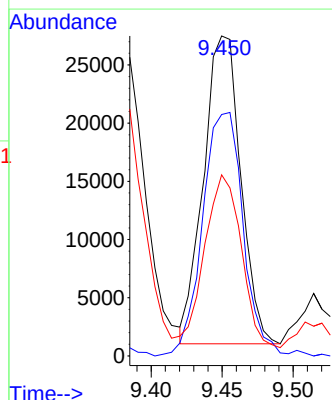
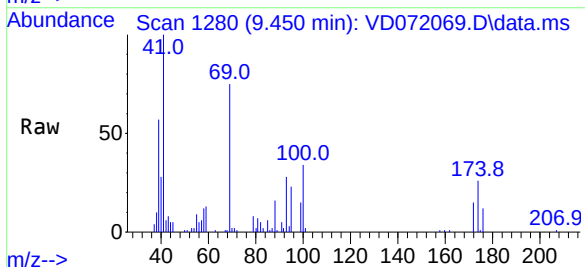
Tgt Ion: 41 Resp: 48212

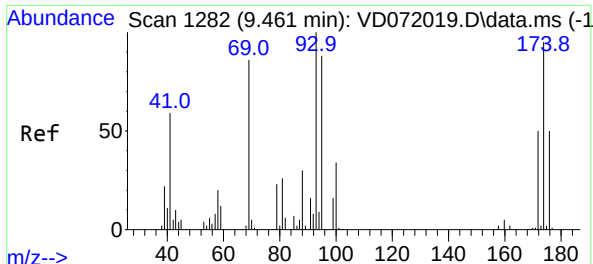
Ion Ratio Lower Upper

41 100

69 86.2 61.6 92.4

39 62.4 38.6 57.8#

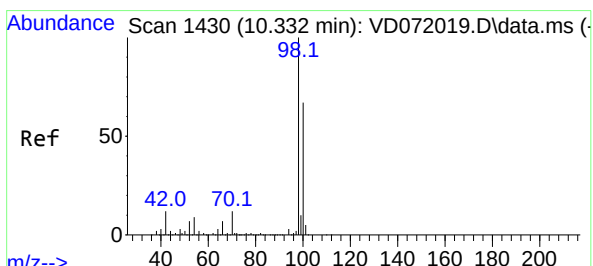
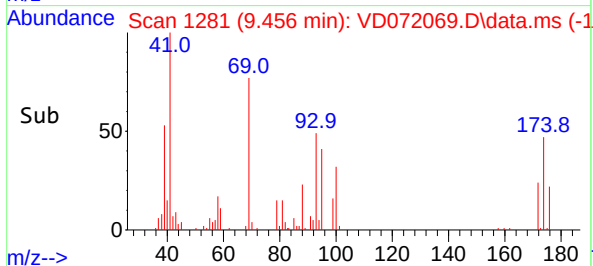
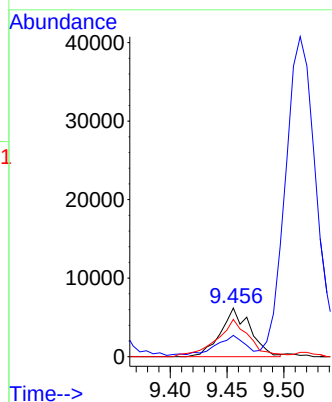
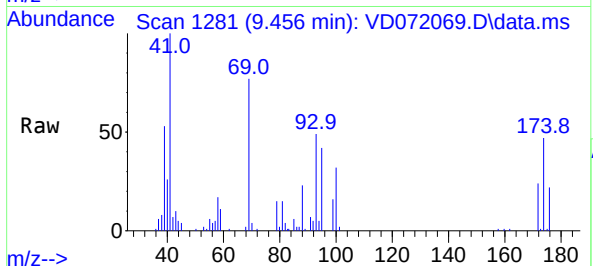




#49
1,4-Dioxane
Concen: 363.297 ug/l
RT: 9.456 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

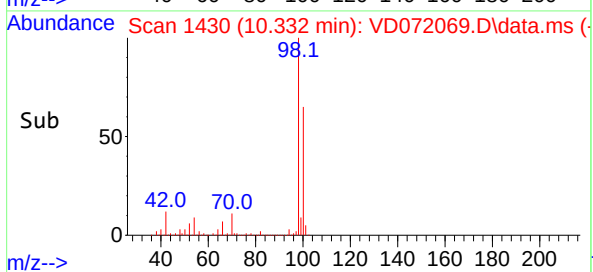
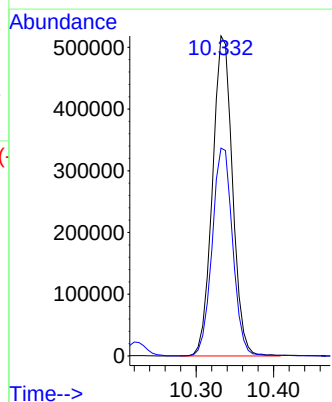
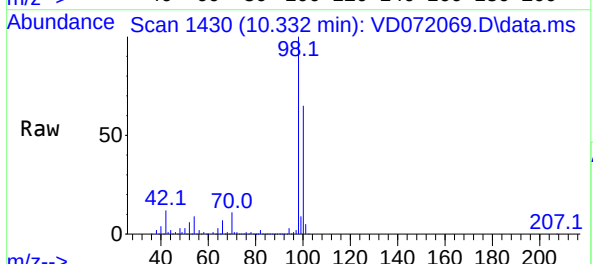
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

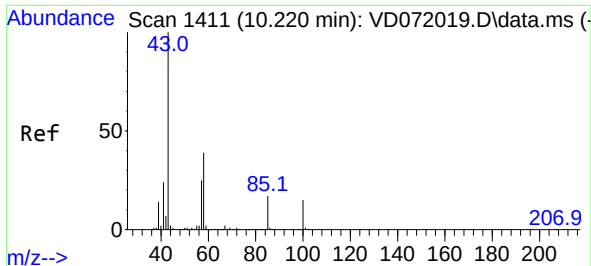
Tgt Ion: 88 Resp: 11226
Ion Ratio Lower Upper
88 100
43 39.3 29.9 44.9
58 84.3 61.0 91.4



#50
Toluene-d8
Concen: 57.978 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 98 Resp: 930783
Ion Ratio Lower Upper
98 100
100 66.4 53.8 80.6

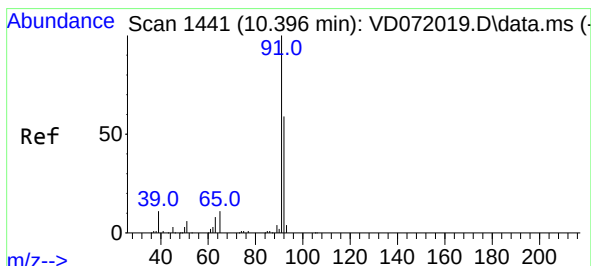
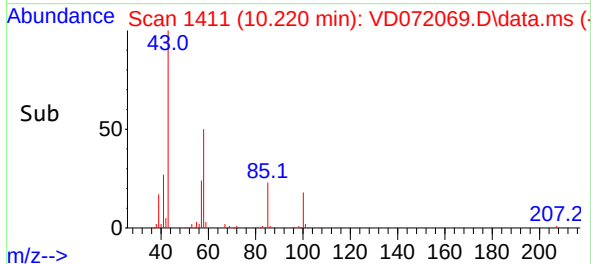
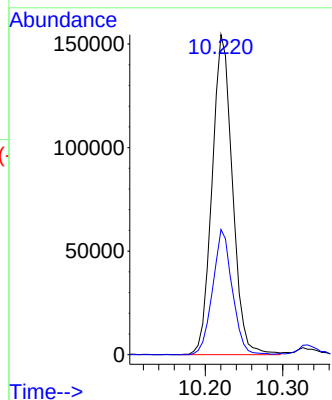
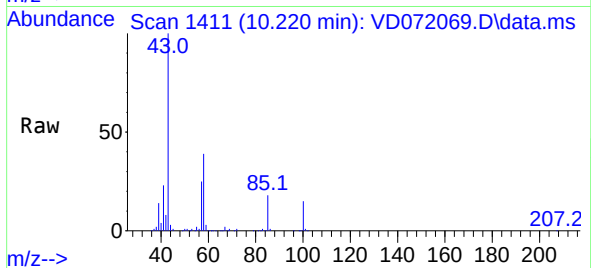




#51
4-Methyl-2-Pentanone
Concen: 93.964 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

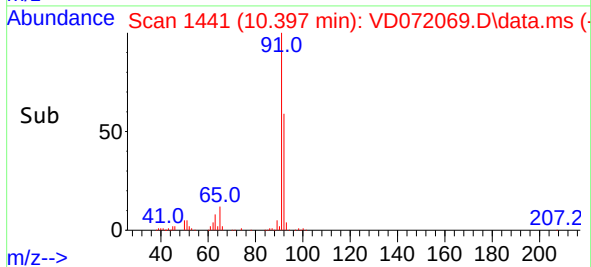
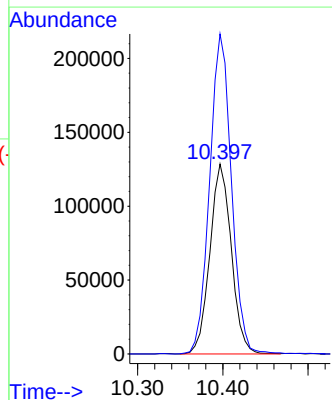
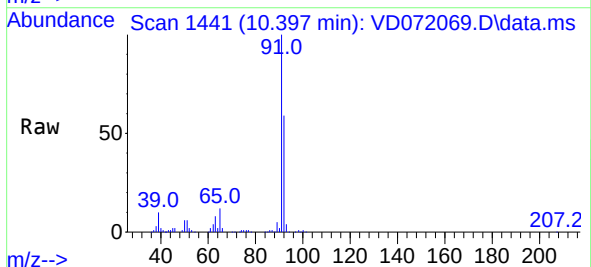
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

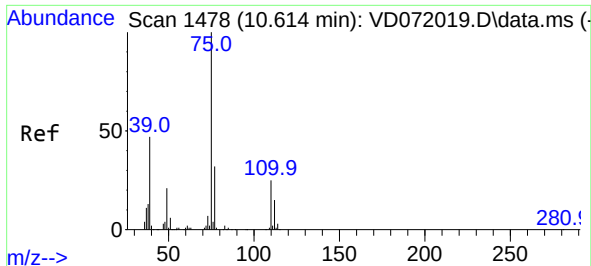
Tgt Ion: 43 Resp: 281987
Ion Ratio Lower Upper
43 100
58 37.6 30.8 46.2



#52
Toluene
Concen: 18.991 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 92 Resp: 224887
Ion Ratio Lower Upper
92 100
91 171.4 135.6 203.4

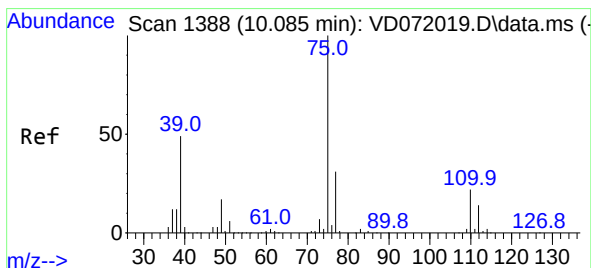
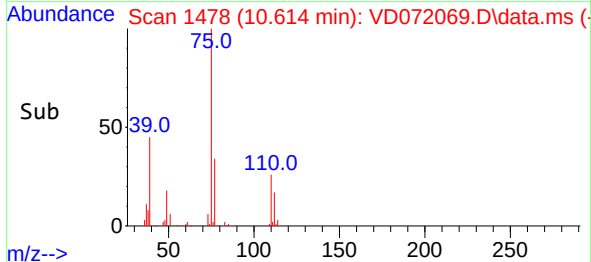
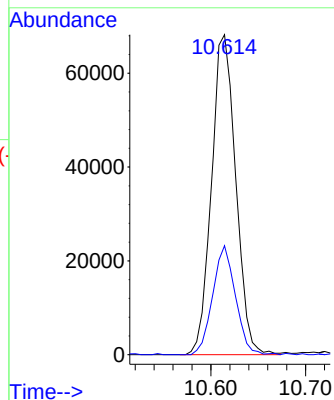
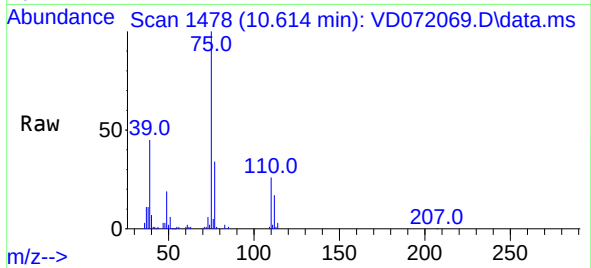




#53
 t-1,3-Dichloropropene
 Concen: 19.732 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD072069.D
 Acq: 23 Feb 2022 11:30

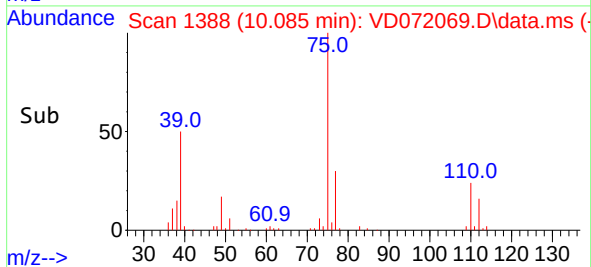
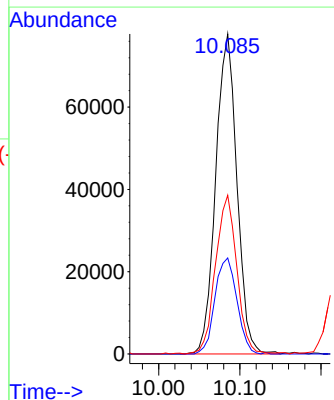
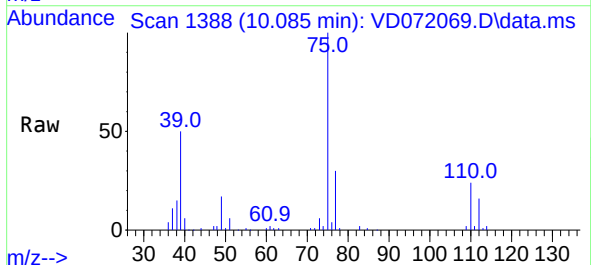
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBS01

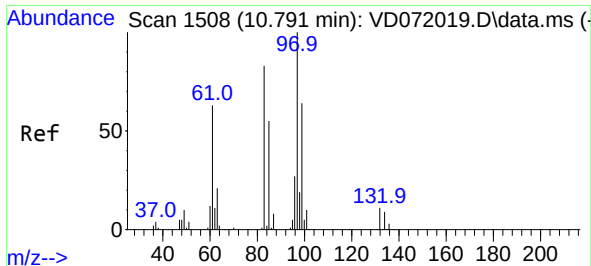
Tgt Ion: 75 Resp: 121256
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.415 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. 0.000 min
 Lab File: VD072069.D
 Acq: 23 Feb 2022 11:30

Tgt Ion: 75 Resp: 141206
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.7 37.1
 39 49.3 39.1 58.7

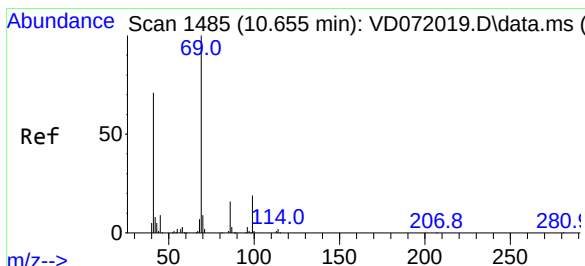
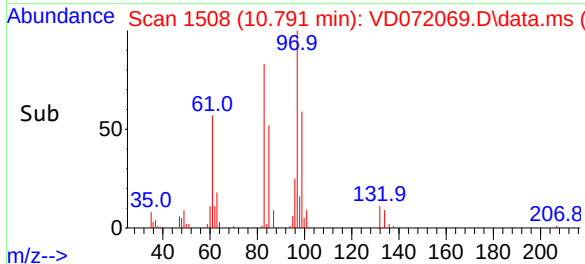
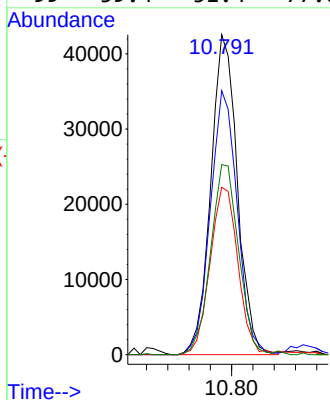
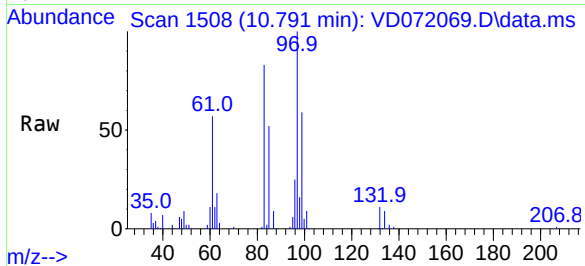




#55
1,1,2-Trichloroethane
Concen: 20.120 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

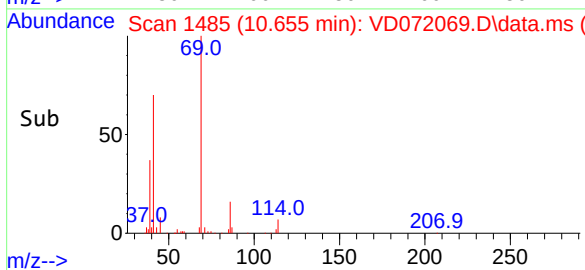
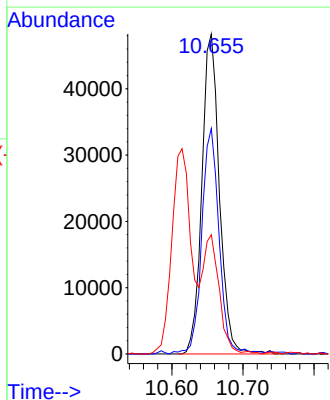
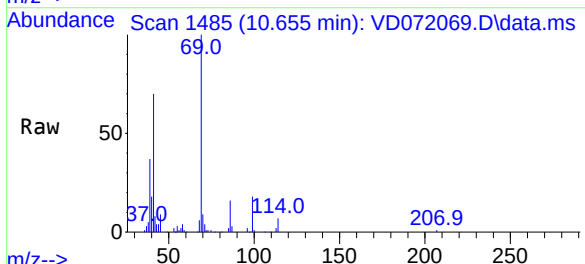
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

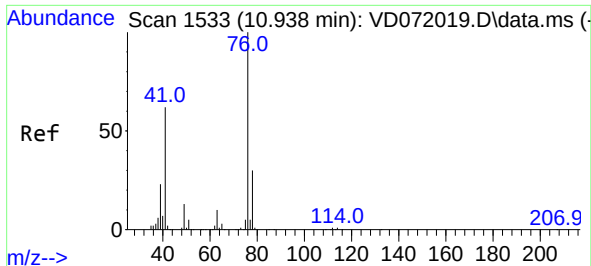
Tgt Ion:	97	Resp:	73753
Ion	Ratio	Lower	Upper
97	100		
83	82.5	66.2	99.4
85	52.3	43.7	65.5
99	59.4	51.4	77.0



#56
Ethyl methacrylate
Concen: 19.003 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion:	69	Resp:	83184
Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.8	85.2
39	34.0	28.2	42.4





#57

1,3-Dichloropropane

Concen: 19.004 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072069.D

Acq: 23 Feb 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

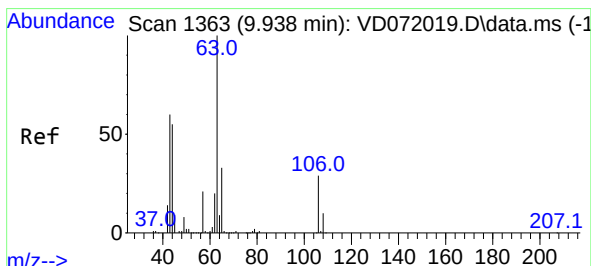
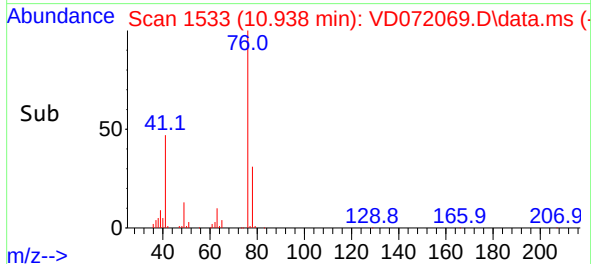
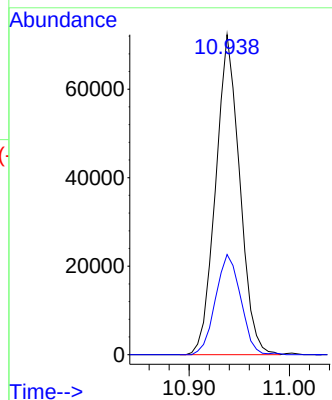
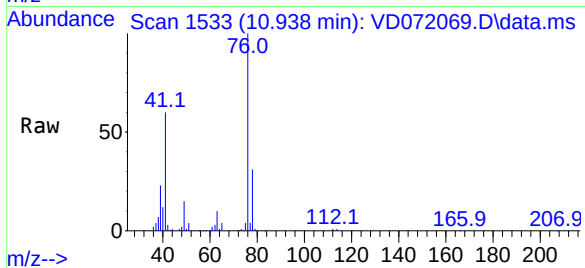
VD0223SBS01

Tgt Ion: 76 Resp: 120401

Ion Ratio Lower Upper

76 100

78 32.7 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 101.798 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD072069.D

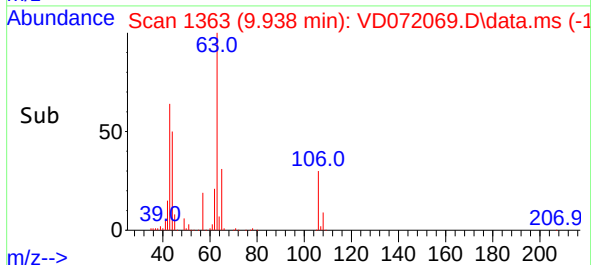
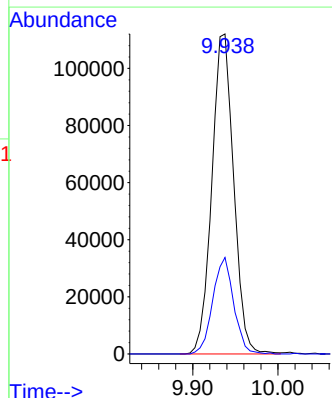
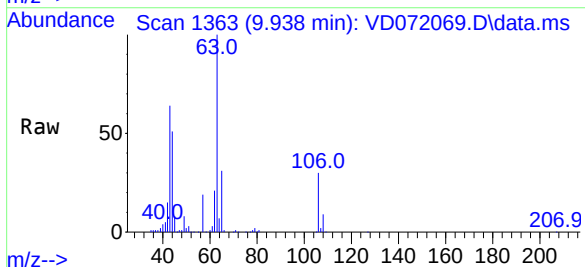
Acq: 23 Feb 2022 11:30

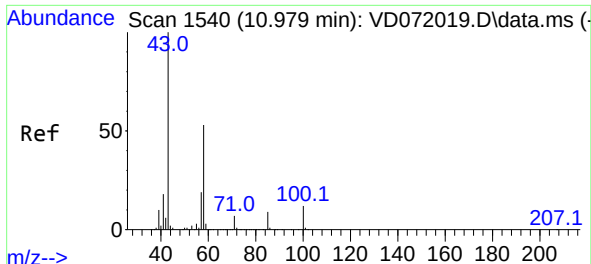
Tgt Ion: 63 Resp: 199355

Ion Ratio Lower Upper

63 100

106 29.0 22.6 33.8

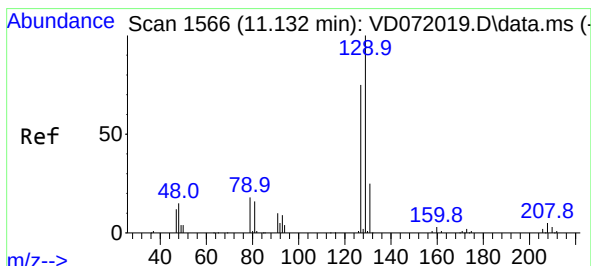
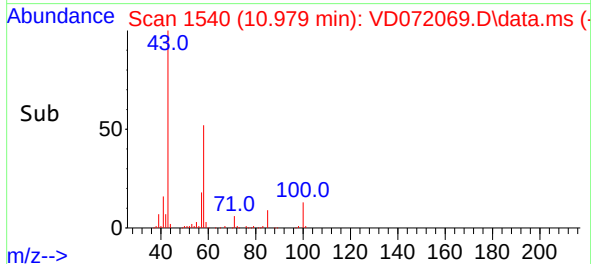
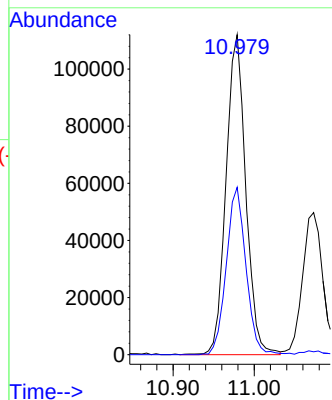
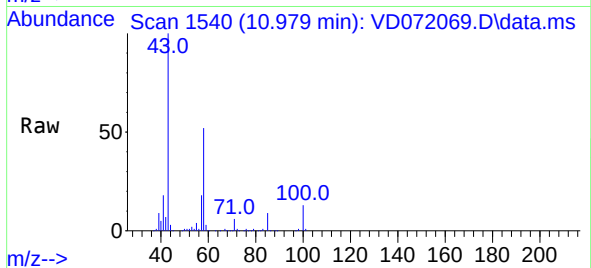




#59
2-Hexanone
Concen: 92.494 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

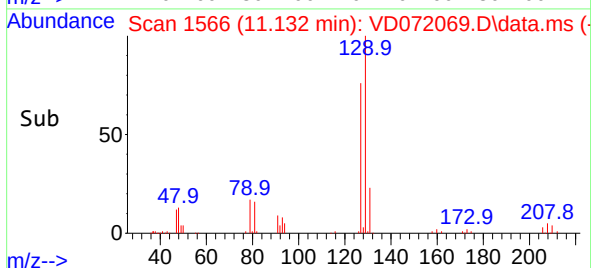
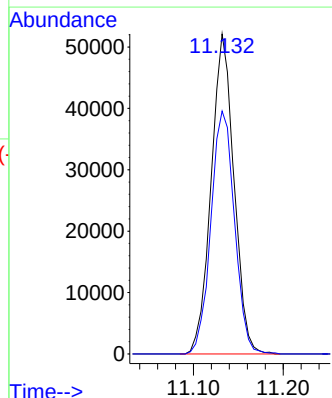
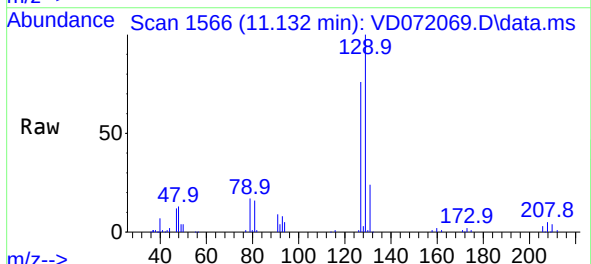
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

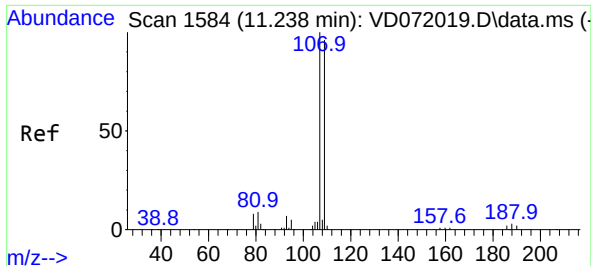
Tgt Ion: 43 Resp: 189331
Ion Ratio Lower Upper
43 100
58 52.0 27.0 80.8



#60
Dibromochloromethane
Concen: 20.099 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 129 Resp: 92004
Ion Ratio Lower Upper
129 100
127 78.5 37.6 112.9

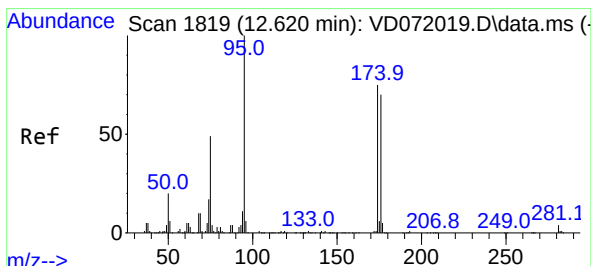
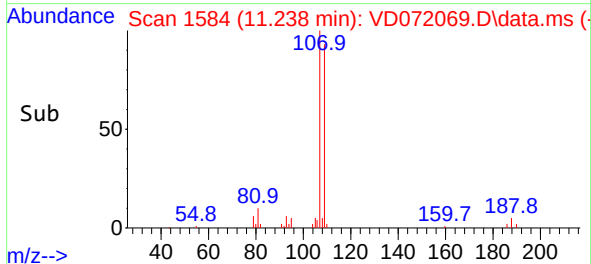
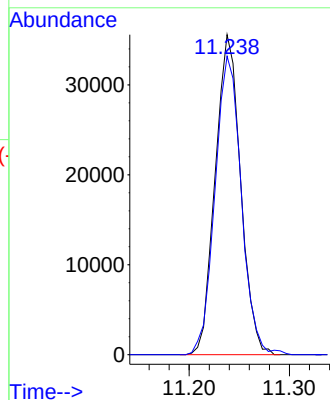
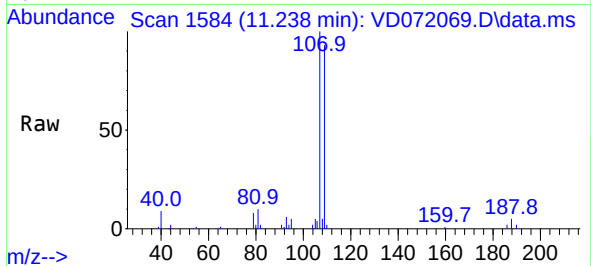




#61
1,2-Dibromoethane
Concen: 17.817 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

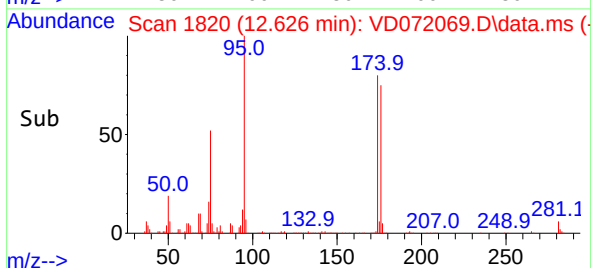
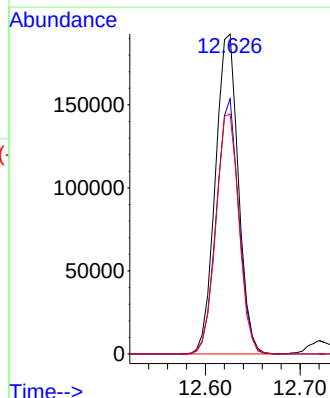
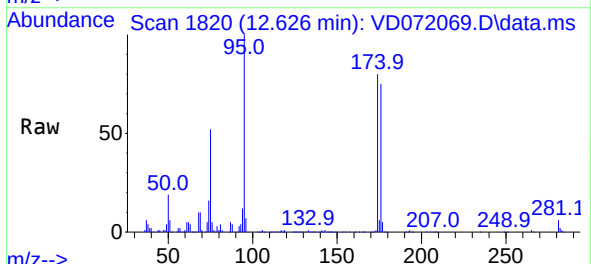
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

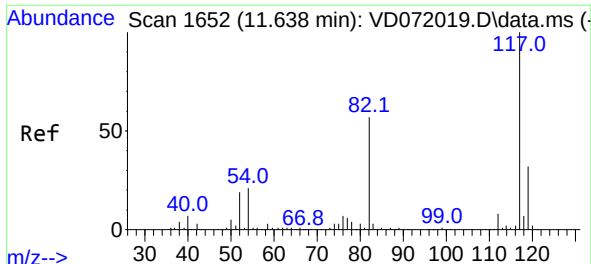
Tgt Ion:107 Resp: 62410
Ion Ratio Lower Upper
107 100
109 96.5 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 55.058 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 95 Resp: 324683
Ion Ratio Lower Upper
95 100
174 77.7 0.0 155.0
176 75.4 0.0 148.8

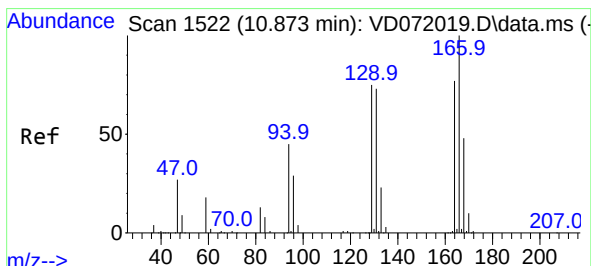
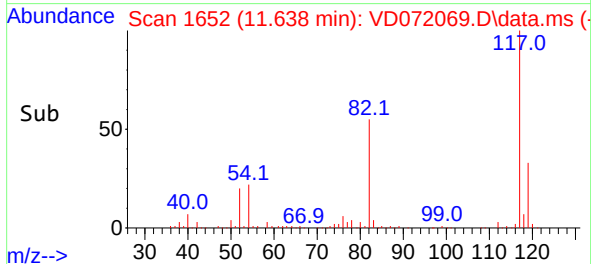
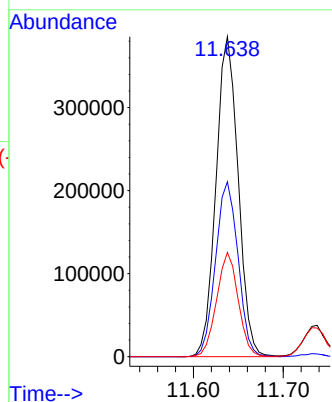
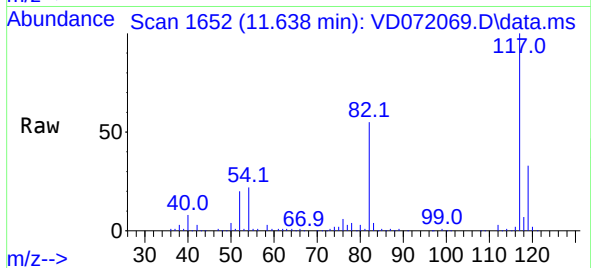




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

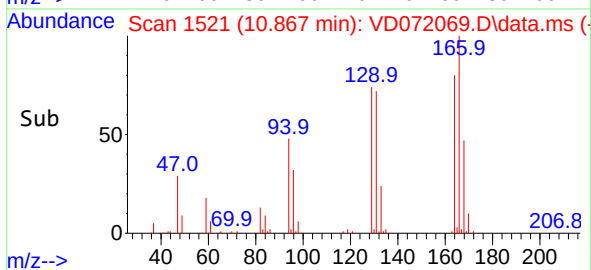
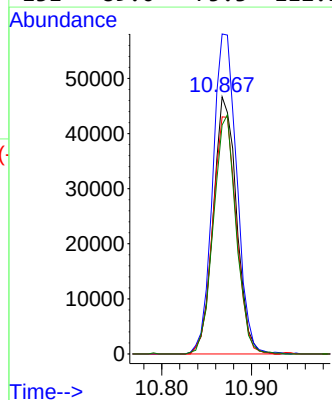
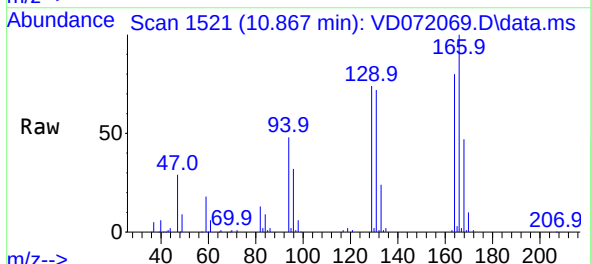
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

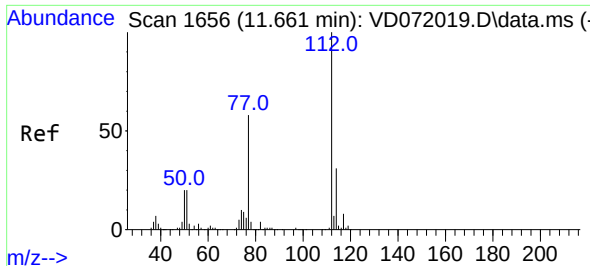
Tgt Ion:117 Resp: 662358
Ion Ratio Lower Upper
117 100
82 54.7 45.4 68.0
119 32.6 25.4 38.2



#64
Tetrachloroethene
Concen: 20.061 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion:164 Resp: 83888
Ion Ratio Lower Upper
164 100
166 124.4 103.4 155.2
129 92.2 77.8 116.6
131 89.0 75.3 112.9

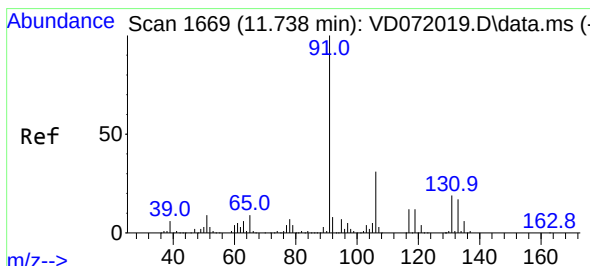
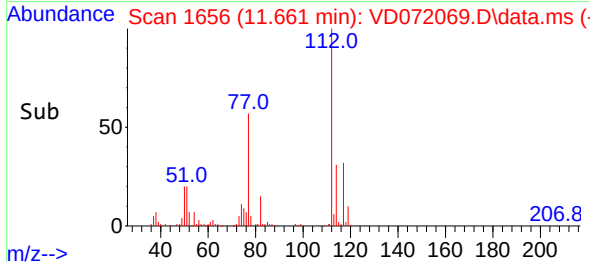
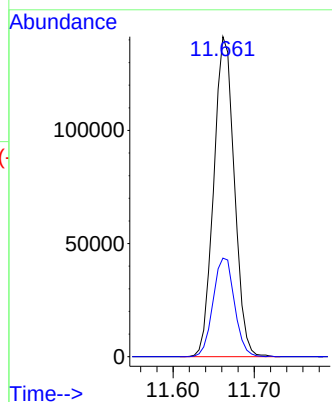
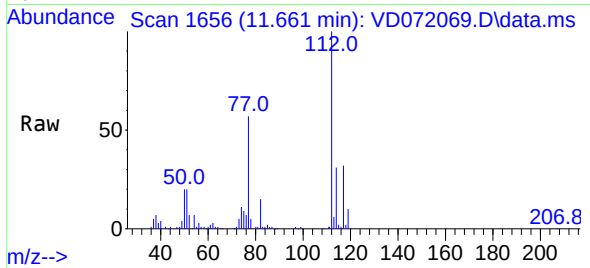




#65
Chlorobenzene
Concen: 19.430 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

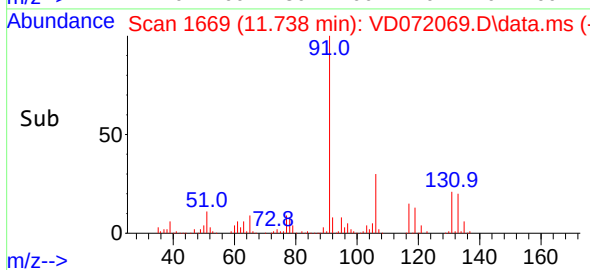
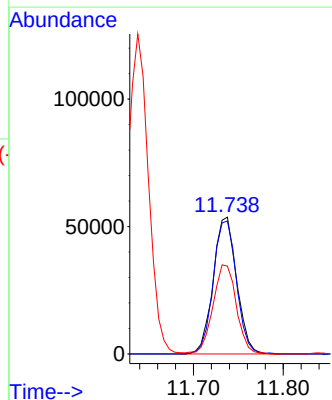
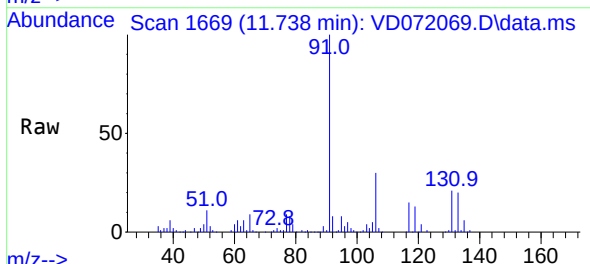
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

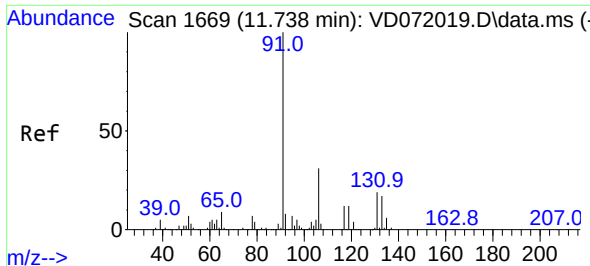
Tgt Ion:112 Resp: 249419
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.370 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion:131 Resp: 97051
Ion Ratio Lower Upper
131 100
133 97.2 47.1 141.4
119 65.1 32.8 98.3





#67

Ethyl Benzene

Concen: 18.975 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VD072069.D

Acq: 23 Feb 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

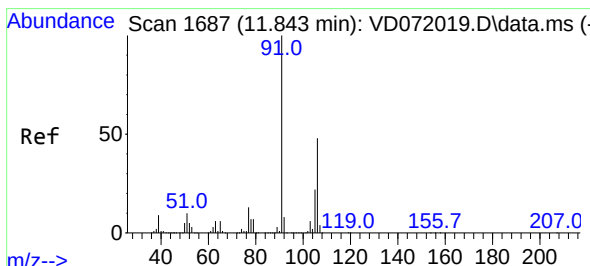
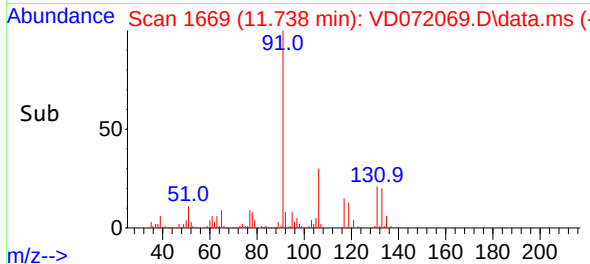
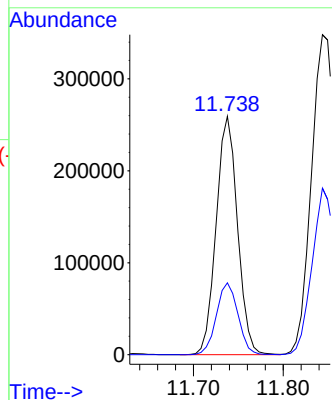
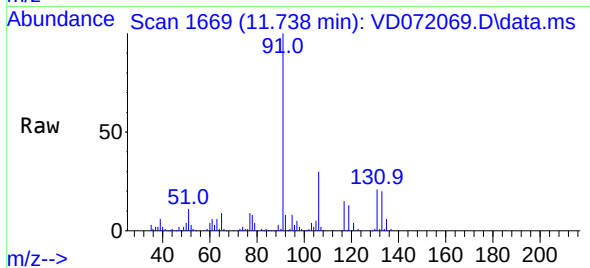
VD0223SBS01

Tgt Ion: 91 Resp: 428304

Ion Ratio Lower Upper

91 100

106 30.2 24.6 36.8



#68

m/p-Xylenes

Concen: 39.056 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD072069.D

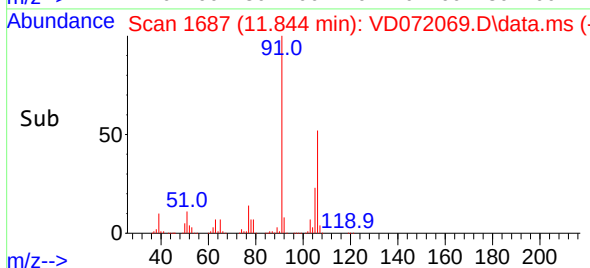
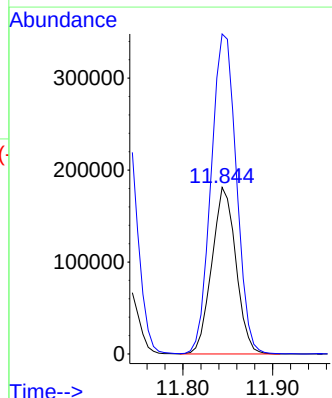
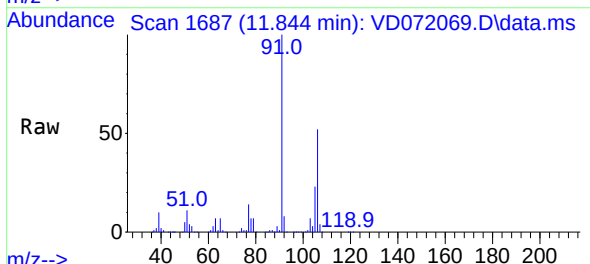
Acq: 23 Feb 2022 11:30

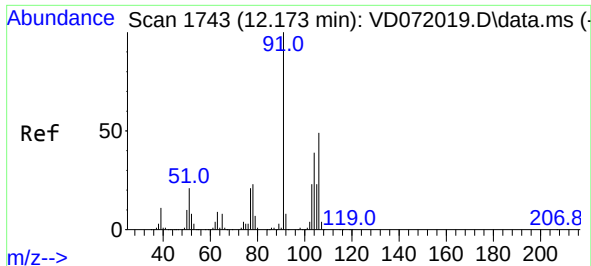
Tgt Ion: 106 Resp: 337485

Ion Ratio Lower Upper

106 100

91 201.9 162.6 243.8

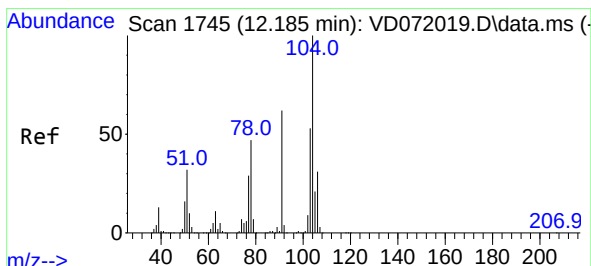
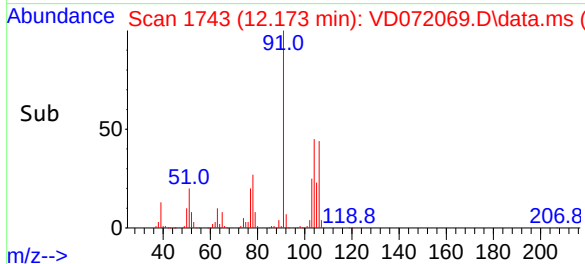
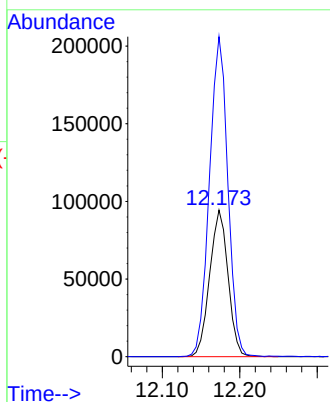
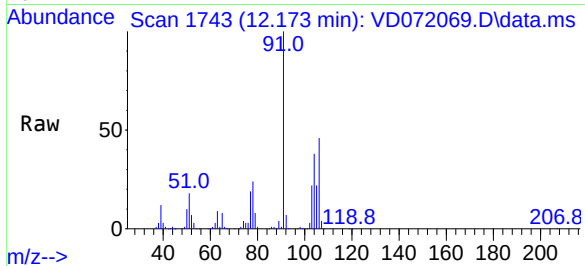




#69
o-Xylene
Concen: 19.176 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

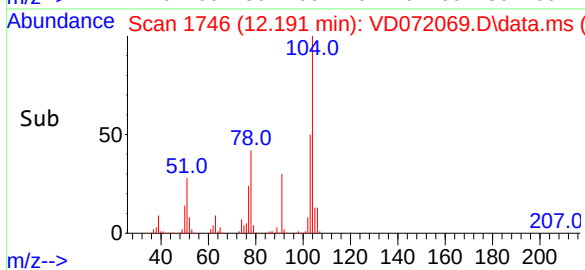
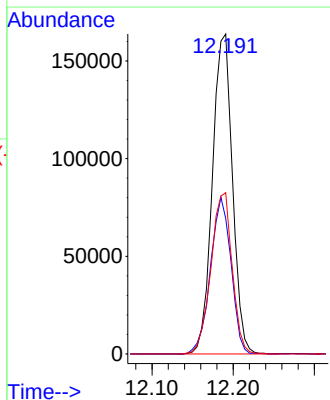
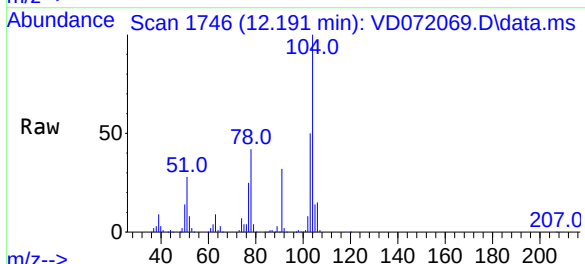
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

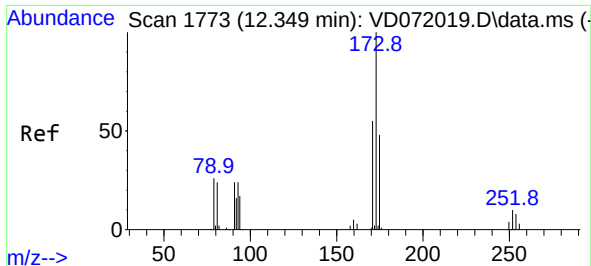
Tgt Ion:106 Resp: 155874
Ion Ratio Lower Upper
106 100
91 218.5 106.0 317.9



#70
Styrene
Concen: 20.203 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion:104 Resp: 281820
Ion Ratio Lower Upper
104 100
78 50.2 40.1 60.1
103 53.2 43.7 65.5

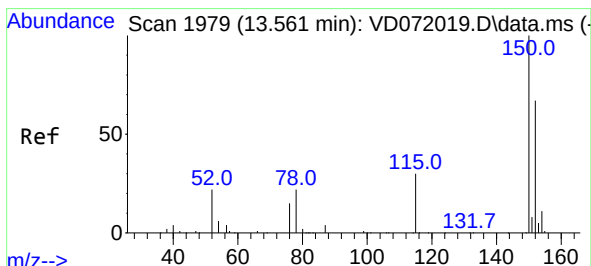
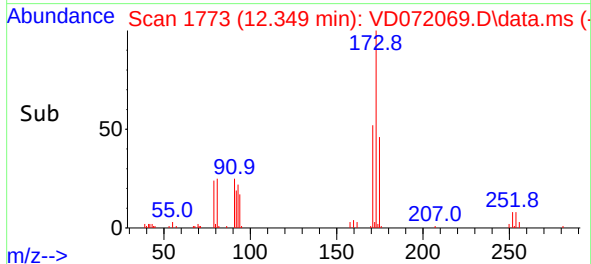
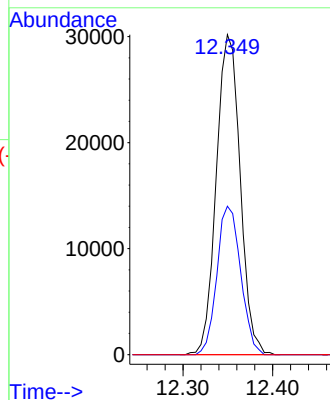
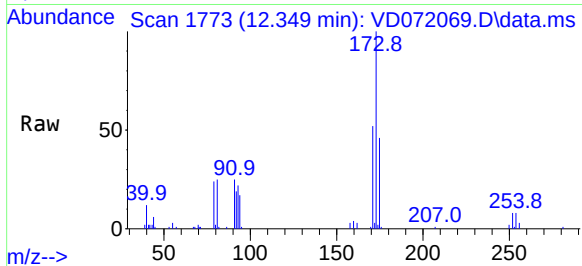




#71
Bromoform
Concen: 20.389 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

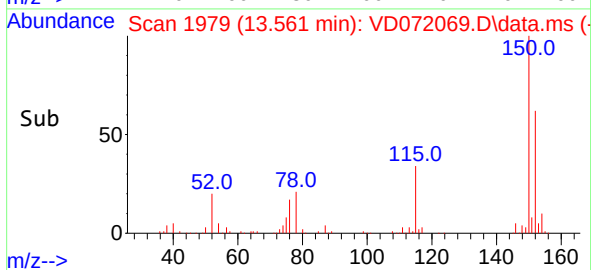
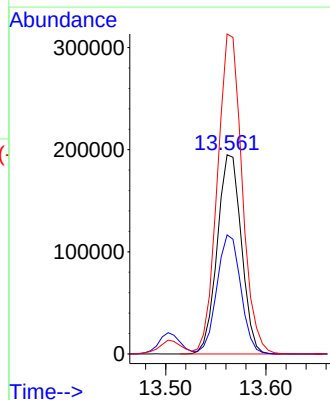
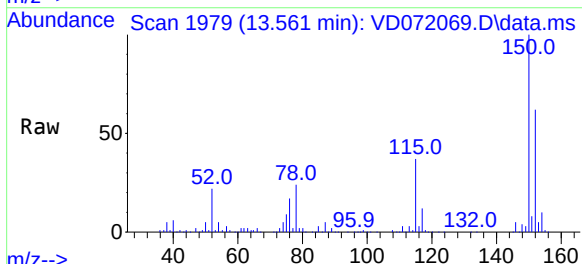
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

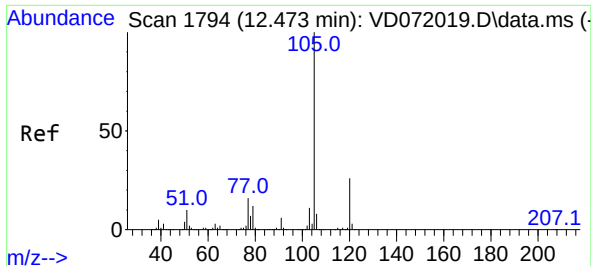
Tgt Ion:173 Resp: 55713
Ion Ratio Lower Upper
173 100
175 46.1 25.0 75.0
255 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion:152 Resp: 326264
Ion Ratio Lower Upper
152 100
115 59.4 29.9 89.7
150 164.6 0.0 347.6

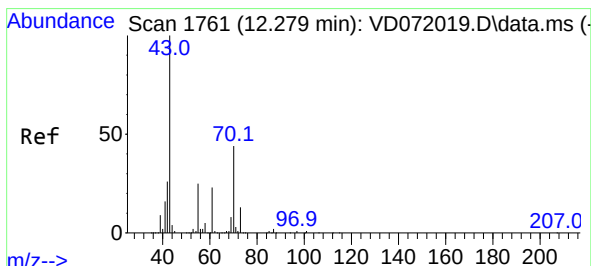
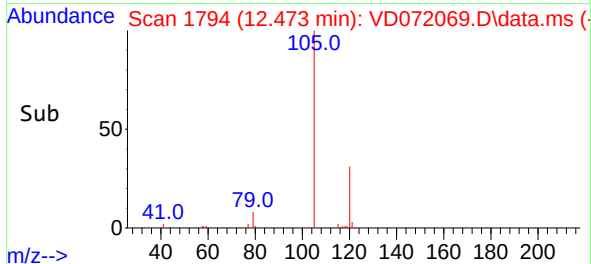
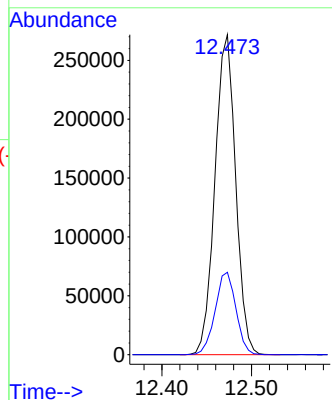
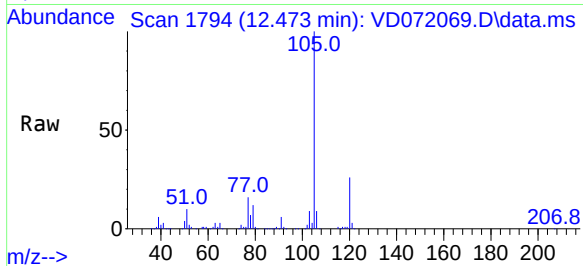




#73
Isopropylbenzene
Concen: 19.415 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

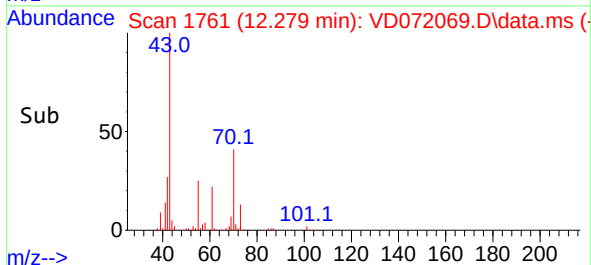
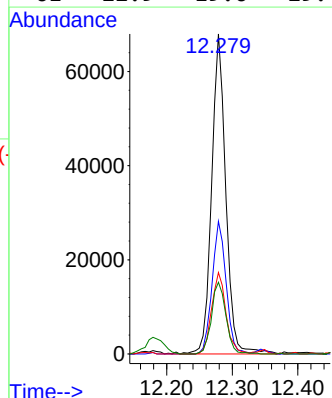
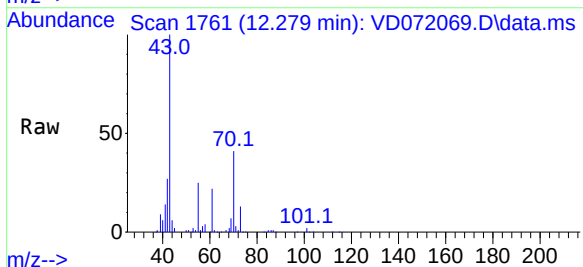
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

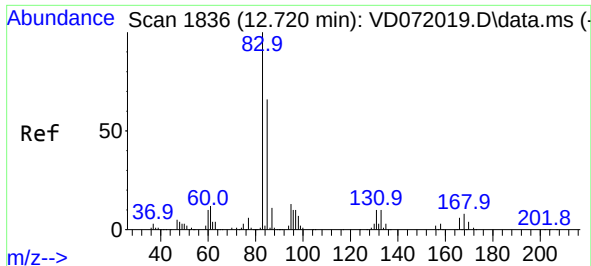
Tgt Ion:105 Resp: 434922
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1



#74
N-ethyl acetate
Concen: 18.851 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 43 Resp: 101969
Ion Ratio Lower Upper
43 100
70 41.0 33.2 49.8
55 25.8 20.6 30.8
61 22.9 19.6 29.4

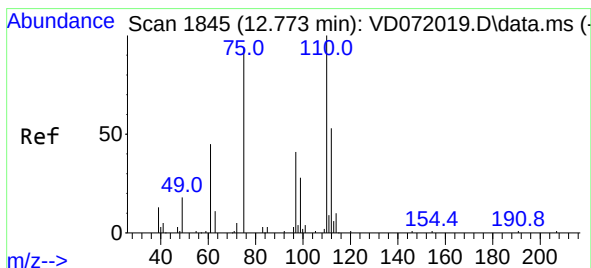
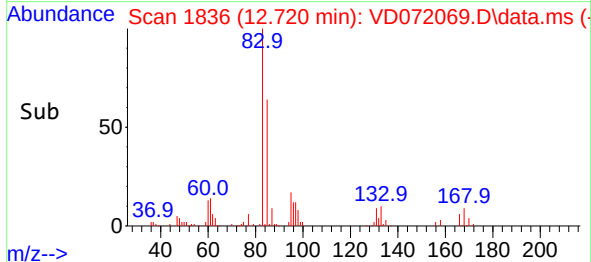
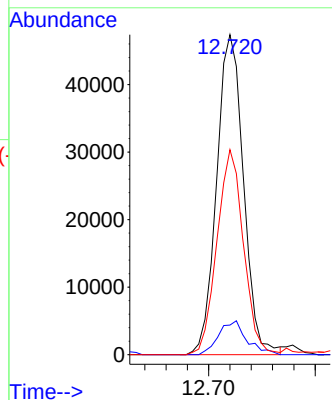
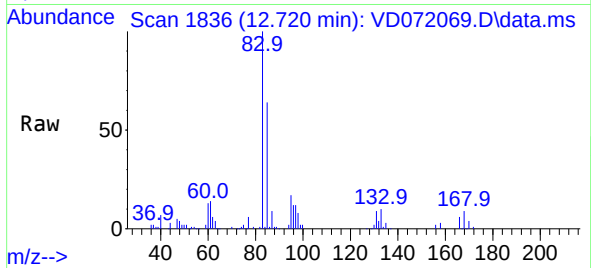




#75
1,1,2,2-Tetrachloroethane
Concen: 18.719 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

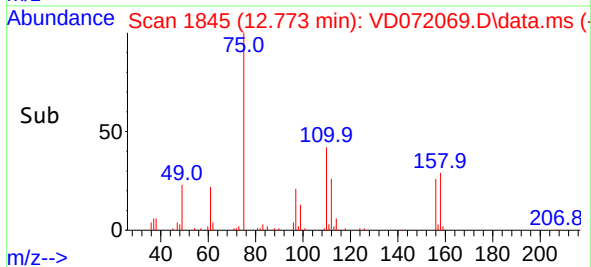
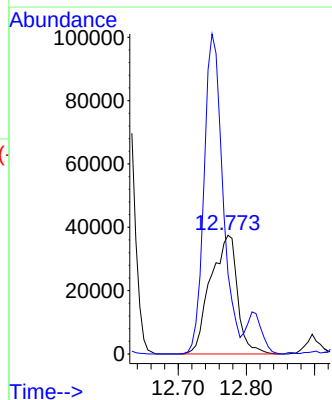
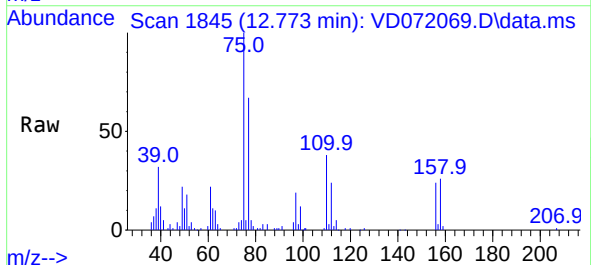
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

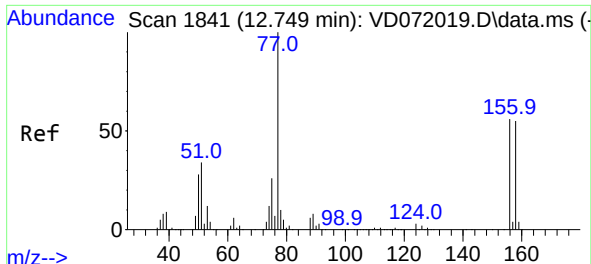
Tgt Ion: 83 Resp: 82905
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.4
85 63.2 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 33.332 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 75 Resp: 103011
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

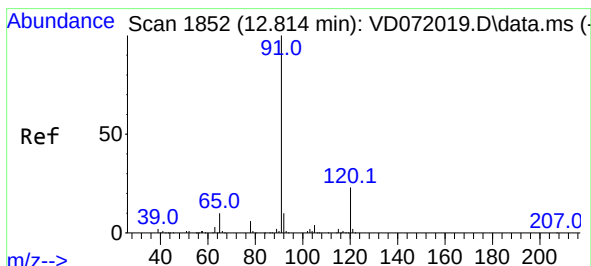
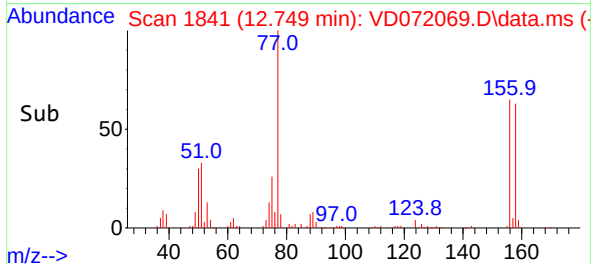
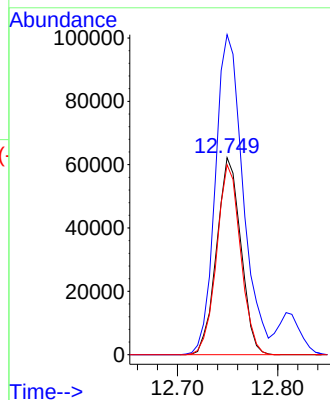
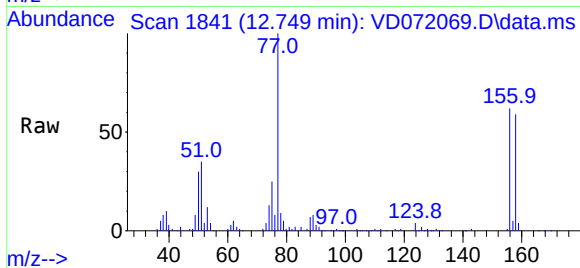




#77
Bromobenzene
Concen: 19.842 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

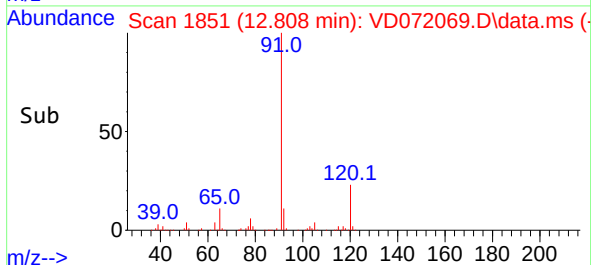
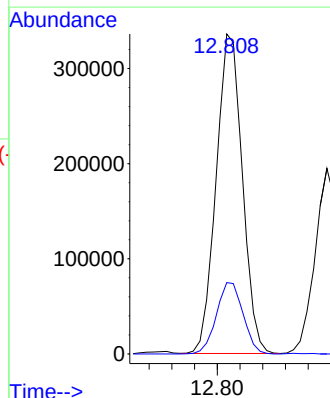
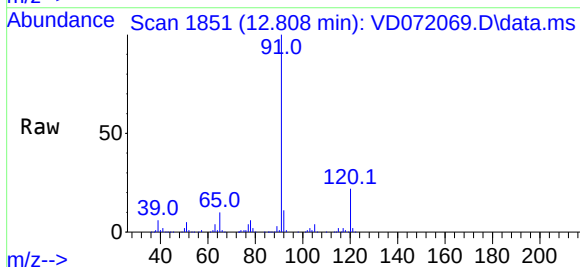
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

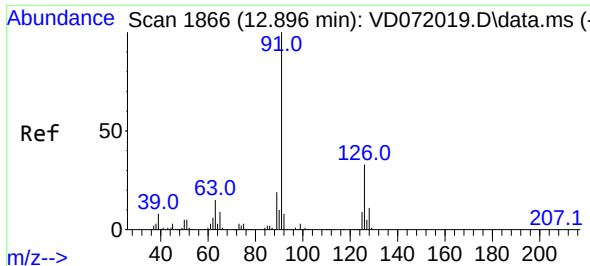
Tgt Ion:156 Resp: 104088
Ion Ratio Lower Upper
156 100
77 186.4 93.6 280.8
158 95.5 47.7 143.1



#78
n-propylbenzene
Concen: 19.534 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 91 Resp: 537850
Ion Ratio Lower Upper
91 100
120 22.7 11.2 33.5

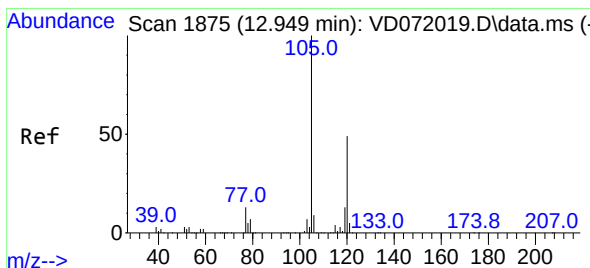
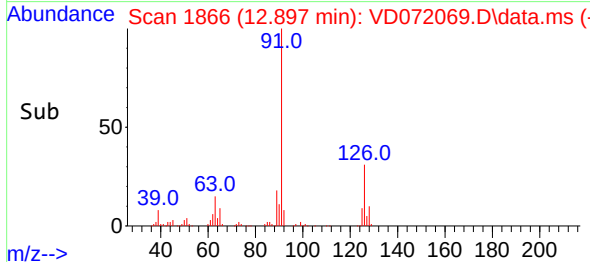
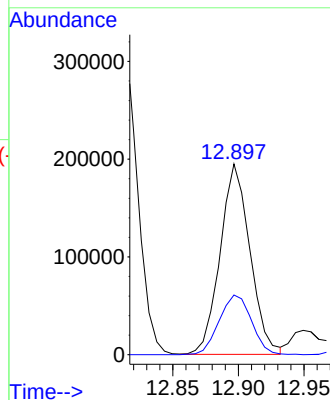
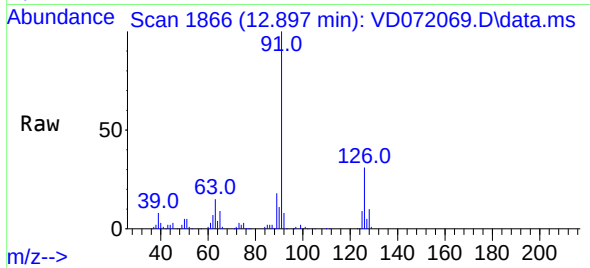




#79
2-Chlorotoluene
Concen: 19.398 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

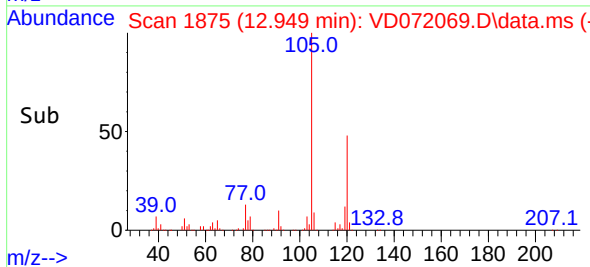
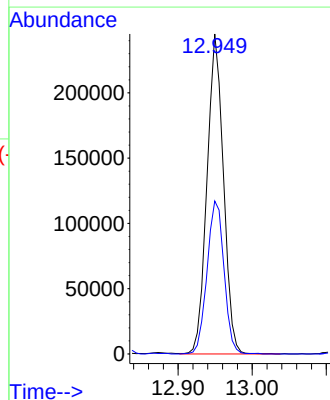
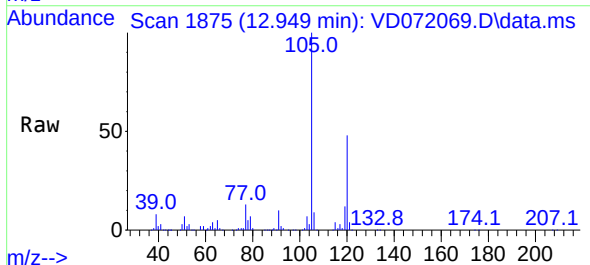
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

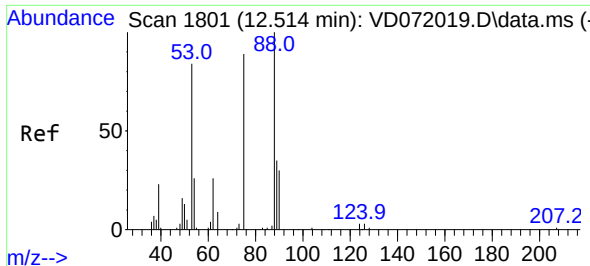
Tgt Ion: 91 Resp: 309139
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 20.180 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion:105 Resp: 377481
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.7

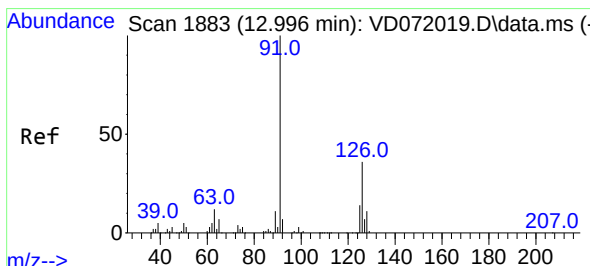
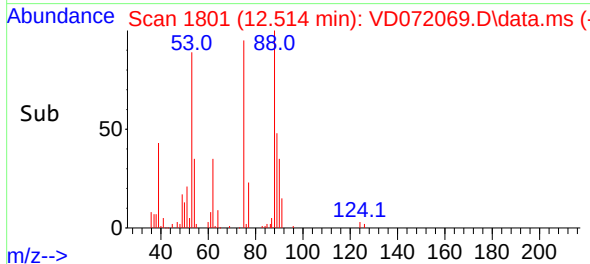
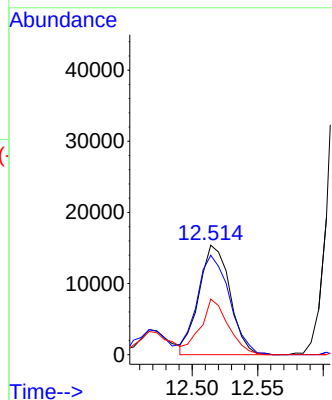
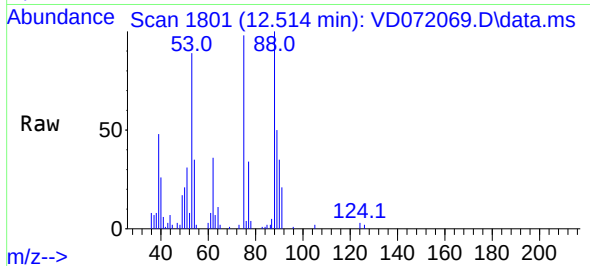




#81
trans-1,4-Dichloro-2-butene
Concen: 20.522 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

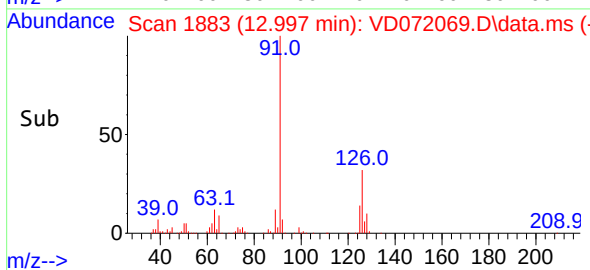
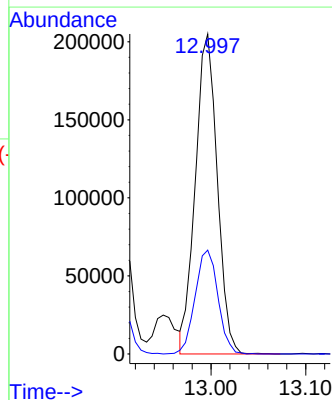
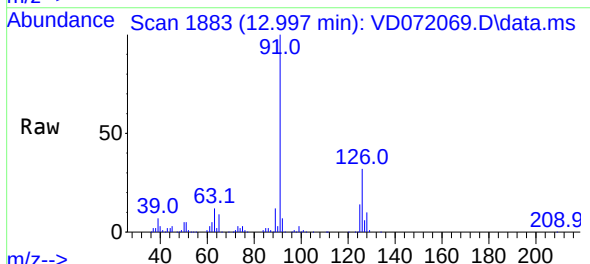
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

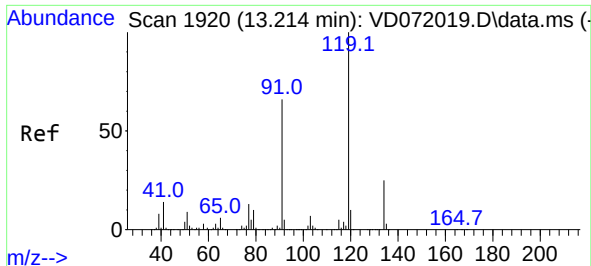
Tgt Ion: 75 Resp: 25326
Ion Ratio Lower Upper
75 100
53 97.0 80.2 120.4
89 45.7 36.4 54.6



#82
4-Chlorotoluene
Concen: 19.861 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 91 Resp: 329411
Ion Ratio Lower Upper
91 100
126 33.9 16.9 50.6

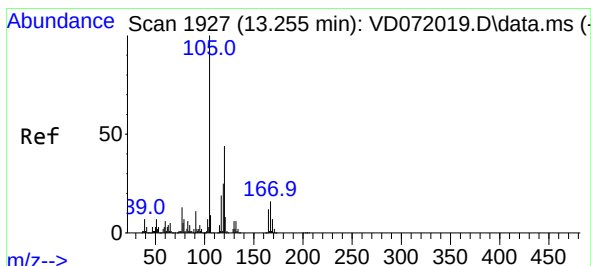
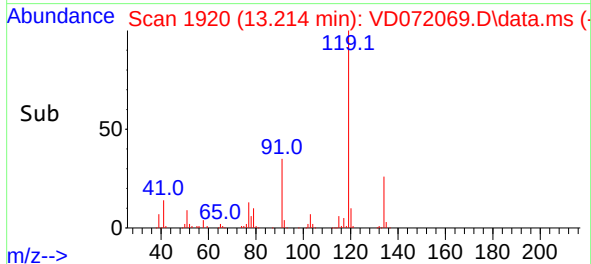
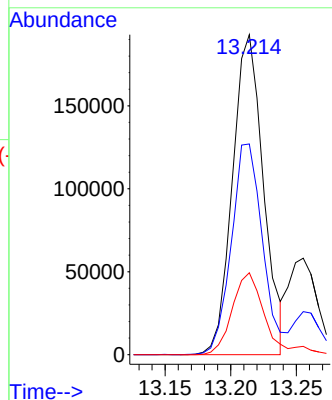
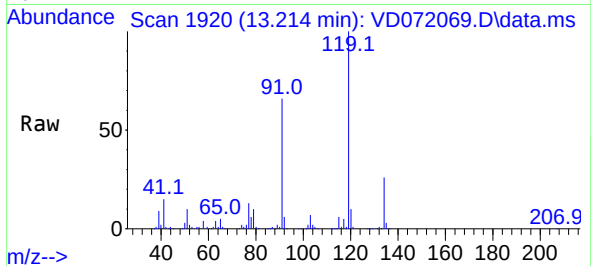




#83
tert-Butylbenzene
Concen: 19.719 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

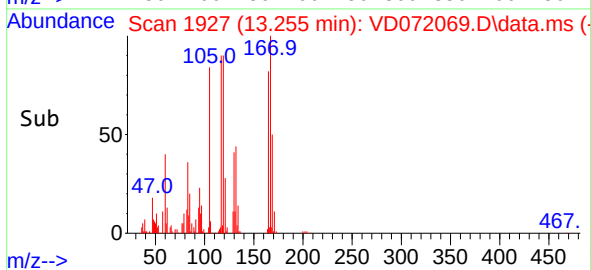
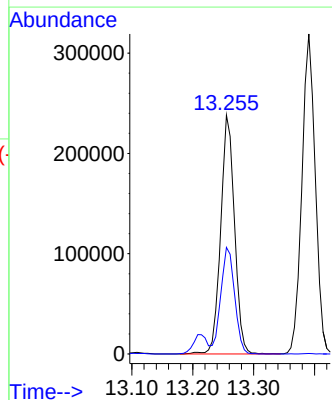
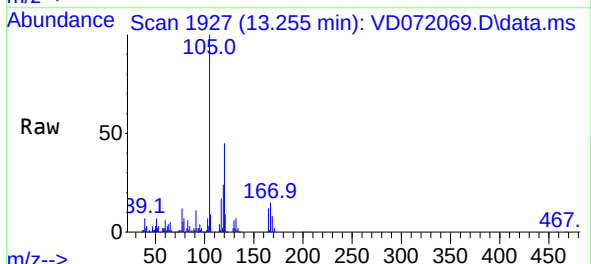
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

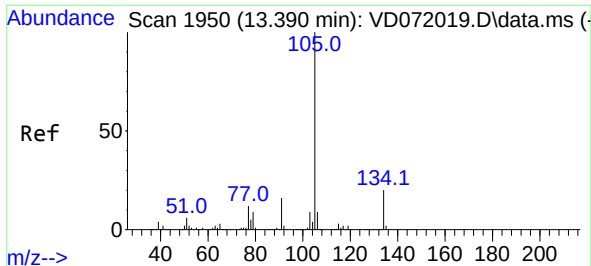
Tgt Ion:119 Resp: 316908
Ion Ratio Lower Upper
119 100
91 67.4 32.5 97.5
134 27.2 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 20.409 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion:105 Resp: 375296
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.3

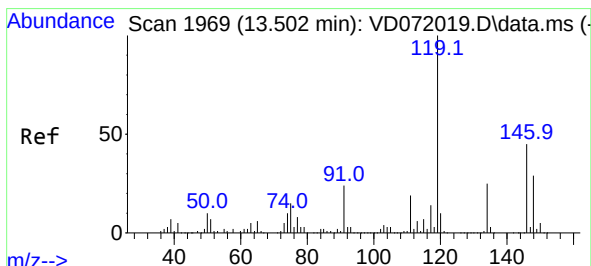
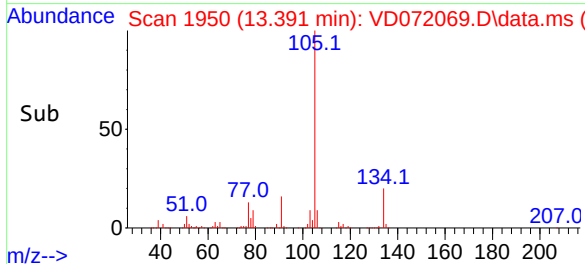
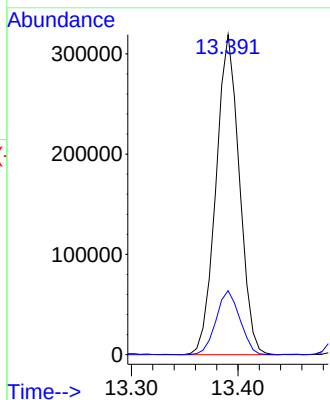
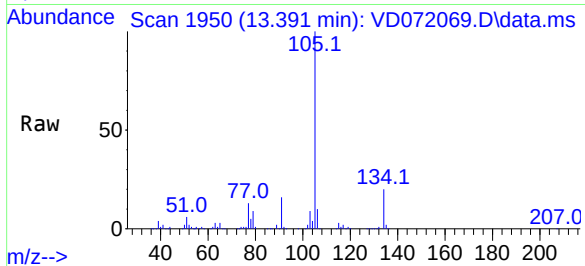




#85
 sec-Butylbenzene
 Concen: 19.849 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072069.D
 Acq: 23 Feb 2022 11:30

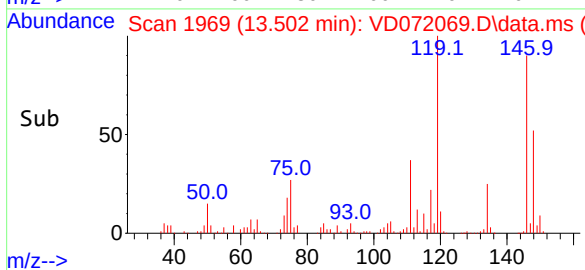
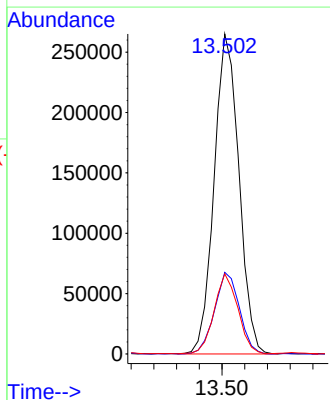
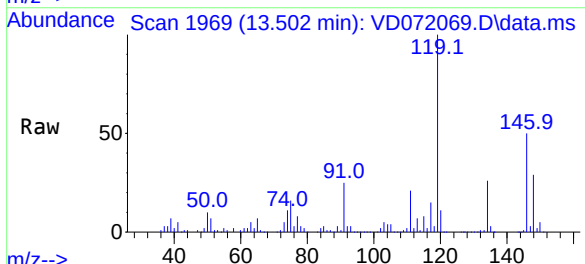
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBS01

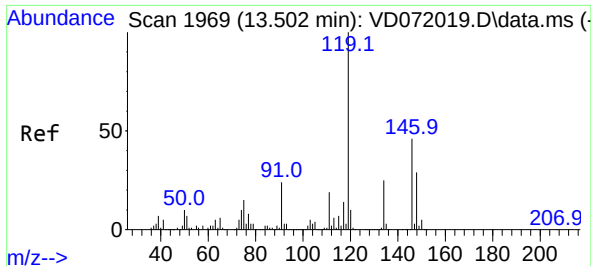
Tgt Ion:105 Resp: 485937
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 19.955 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072069.D
 Acq: 23 Feb 2022 11:30

Tgt Ion:119 Resp: 401819
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 38.9
 91 23.8 11.9 35.5

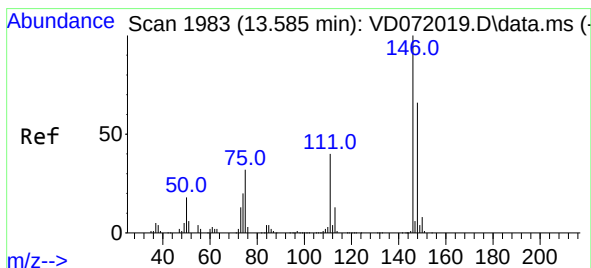
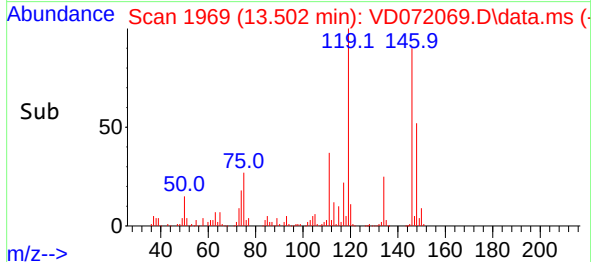
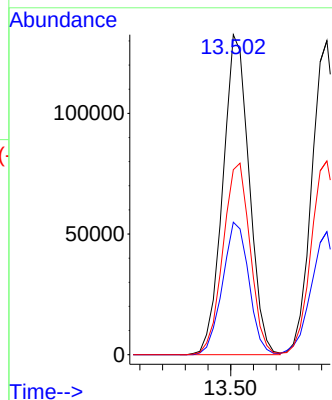
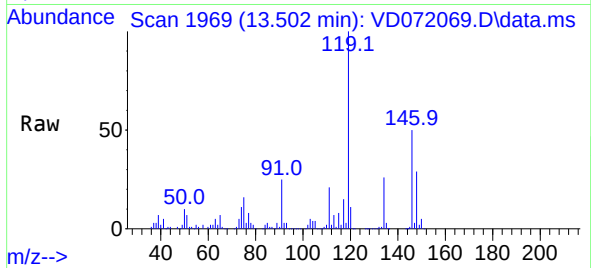




#87
1,3-Dichlorobenzene
Concen: 20.137 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

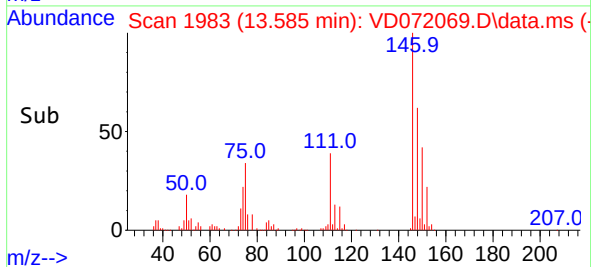
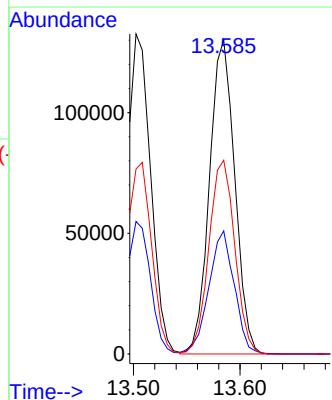
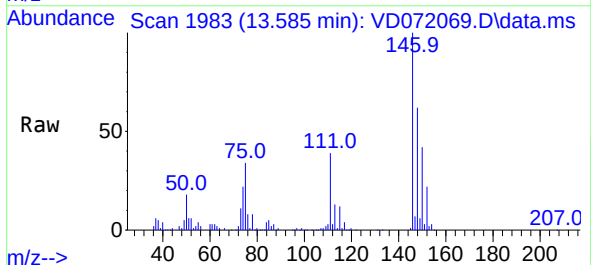
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

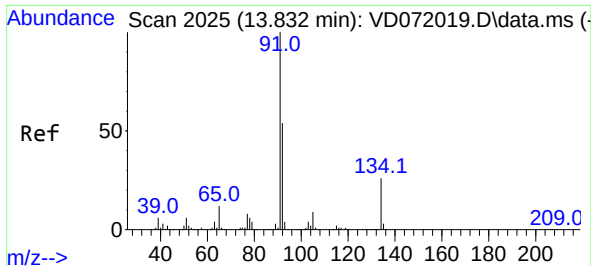
Tgt Ion:146 Resp: 213539
Ion Ratio Lower Upper
146 100
111 41.5 20.0 59.9
148 61.7 31.1 93.2



#88
1,4-Dichlorobenzene
Concen: 20.143 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion:146 Resp: 214634
Ion Ratio Lower Upper
146 100
111 39.5 20.1 60.2
148 63.2 32.5 97.5

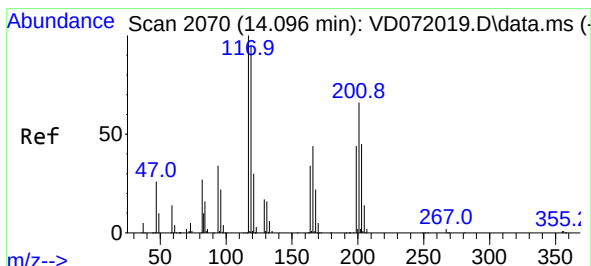
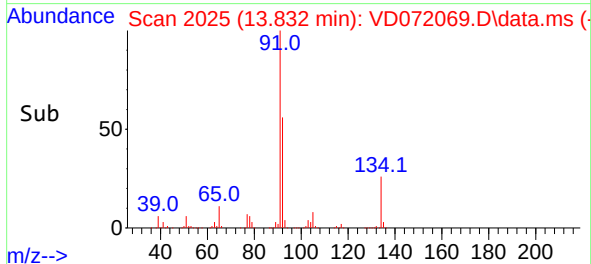
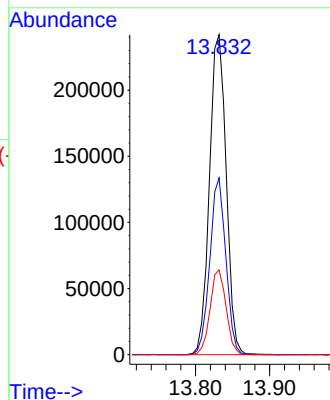
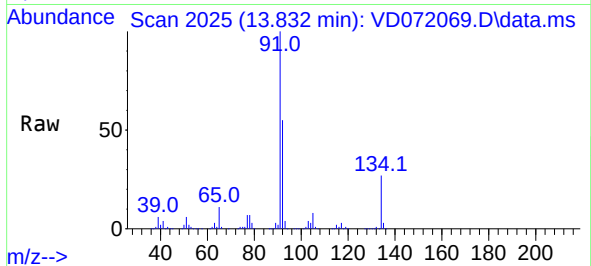




#89
n-Butylbenzene
Concen: 19.805 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

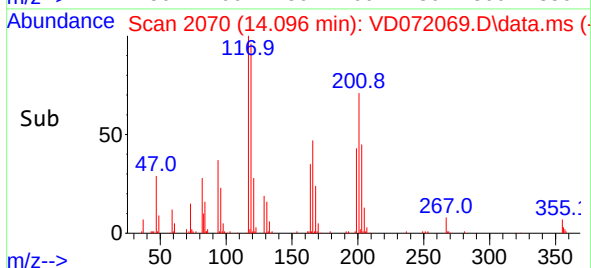
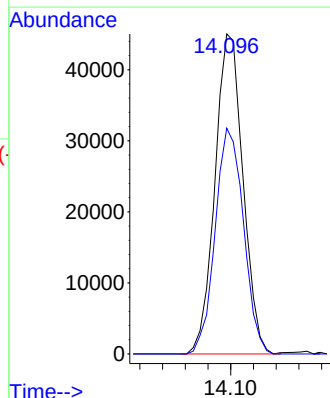
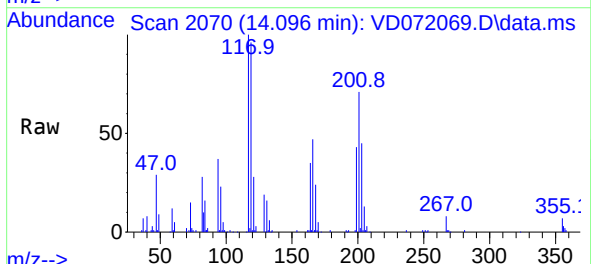
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

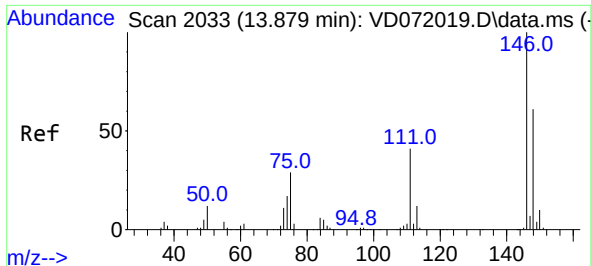
Tgt Ion: 91 Resp: 379225
Ion Ratio Lower Upper
91 100
92 52.9 27.0 81.0
134 25.4 12.8 38.4



#90
Hexachloroethane
Concen: 19.093 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 117 Resp: 77174
Ion Ratio Lower Upper
117 100
201 71.3 35.2 105.6

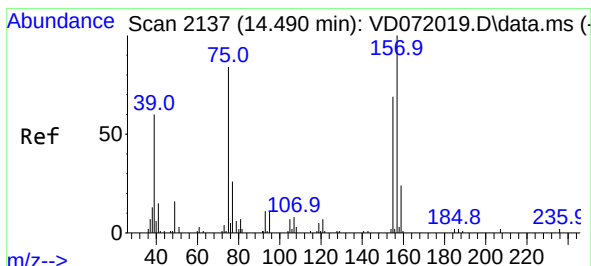
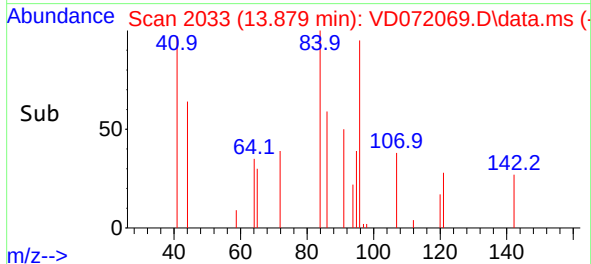
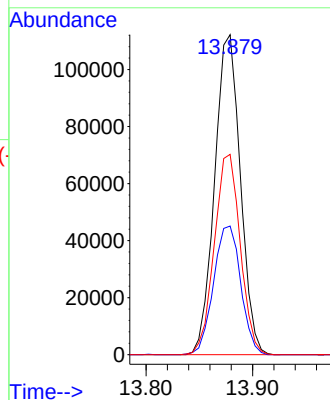
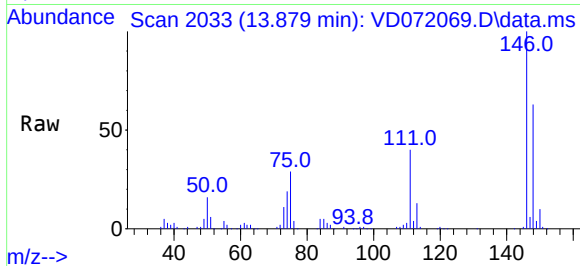




#91
1,2-Dichlorobenzene
Concen: 20.244 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

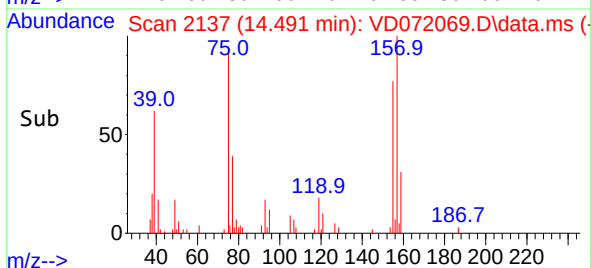
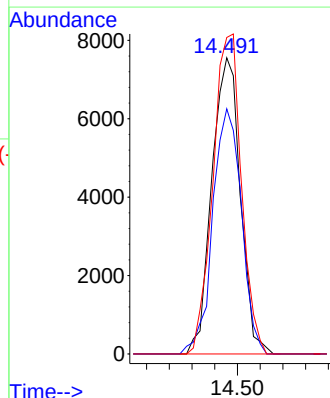
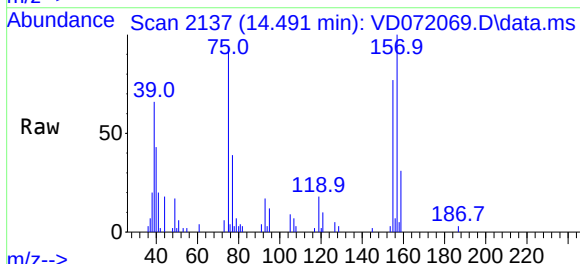
Instrument :
MSVOA_D
ClientSampleId :
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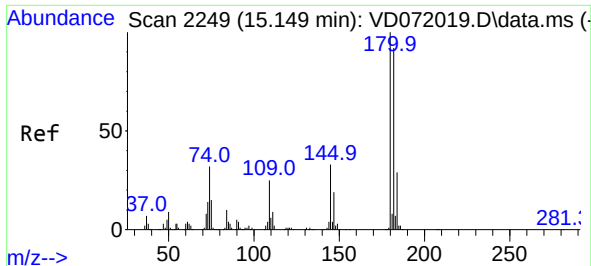
Tgt Ion:146 Resp: 188256
Ion Ratio Lower Upper
146 100
111 42.5 20.8 62.4
148 63.1 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.078 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion: 75 Resp: 13163
Ion Ratio Lower Upper
75 100
155 83.4 40.5 121.5
157 108.1 53.3 159.9

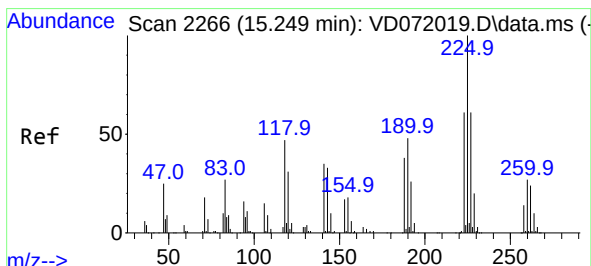
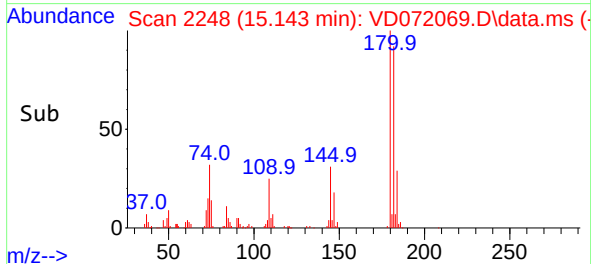
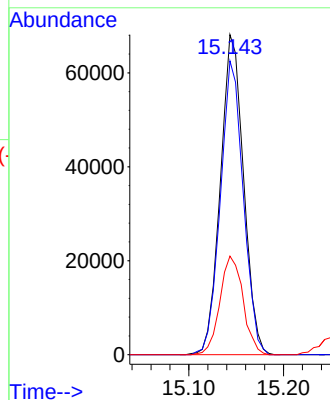
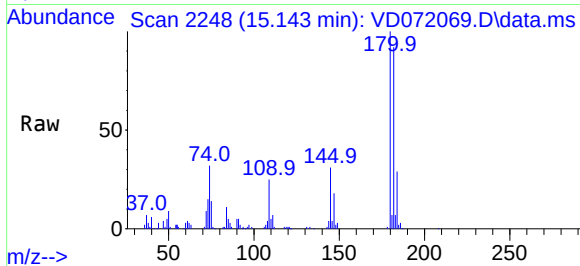




#93
1,2,4-Trichlorobenzene
Concen: 20.275 ug/l
RT: 15.143 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

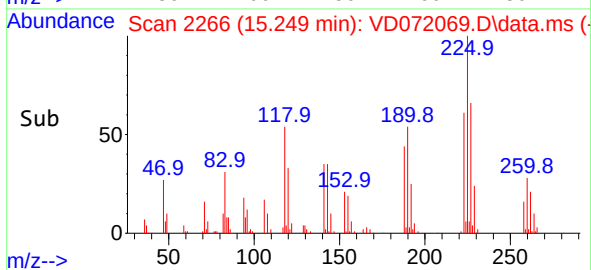
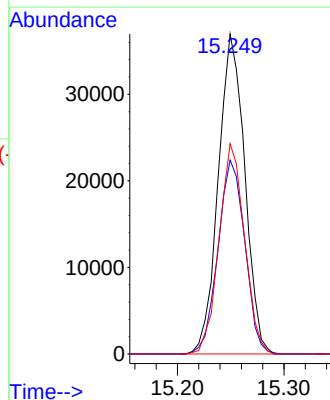
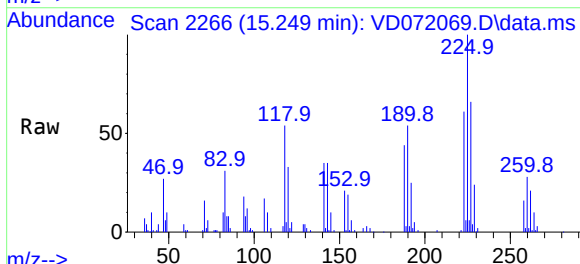
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

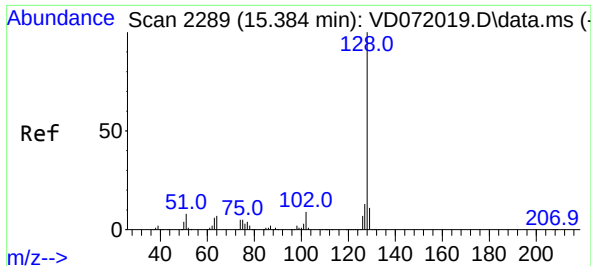
Tgt Ion:180 Resp: 115813
Ion Ratio Lower Upper
180 100
182 90.6 46.4 139.2
145 30.8 15.7 47.1



#94
Hexachlorobutadiene
Concen: 20.299 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion:225 Resp: 63759
Ion Ratio Lower Upper
225 100
223 61.3 30.9 92.7
227 63.1 31.6 95.0

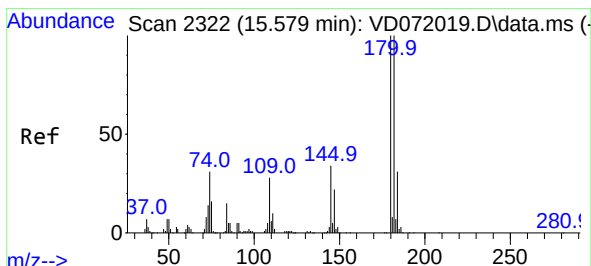
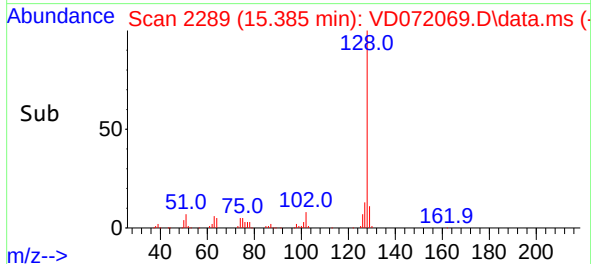
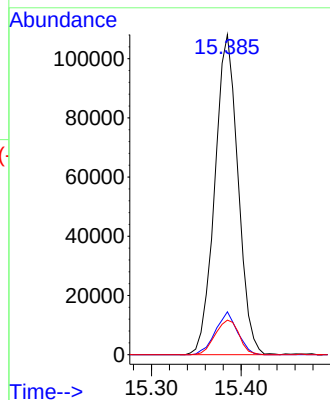
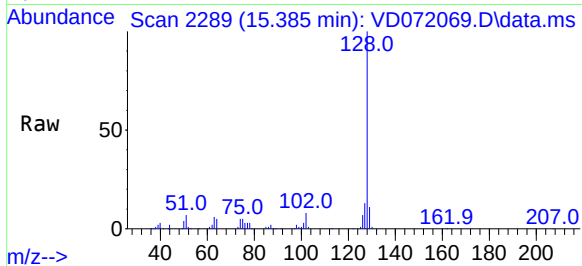




#95
Naphthalene
Concen: 18.723 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

Tgt Ion:128 Resp: 194152
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.479 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072069.D
Acq: 23 Feb 2022 11:30

Tgt Ion:180 Resp: 100900
Ion Ratio Lower Upper
180 100
182 95.6 48.1 144.3
145 33.2 16.7 50.0

