

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100522\
 Data File : VD074451.D
 Acq On : 05 Oct 2022 13:50
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 06 01:23:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:15:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	105666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	183749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	159338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	76044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	8475	9.102	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	18.200%#
35) Dibromofluoromethane	7.805	113	14362	10.659	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.320%#
50) Toluene-d8	10.269	98	32613	7.637	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	15.280%#
62) 4-Bromofluorobenzene	12.569	95	20436	12.170	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	24.340%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	8409	9.231	ug/l	97
3) Chloromethane	2.146	50	13628	14.303	ug/l	93
4) Vinyl Chloride	2.281	62	10196	12.252	ug/l	98
5) Bromomethane	2.687	94	6484	10.730	ug/l	89
6) Chloroethane	2.828	64	6831	12.279	ug/l	92
7) Trichlorofluoromethane	3.170	101	17164	9.679	ug/l	94
8) Diethyl Ether	3.593	74	5359	10.195	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.964	101	11354	9.586	ug/l	99
10) Methyl Iodide	4.158	142	8454	7.768	ug/l	99
11) Tert butyl alcohol	5.022	59	10141	59.547	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	12078	10.591	ug/l	99
13) Acrolein	3.805	56	3272	50.324	ug/l	99
14) Allyl chloride	4.564	41	14173	11.823	ug/l	98
15) Acrylonitrile	5.252	53	11368	51.890	ug/l	98
16) Acetone	4.022	43	9805	50.839	ug/l #	84
17) Carbon Disulfide	4.264	76	37668	13.391	ug/l #	92
18) Methyl Acetate	4.558	43	5567	9.501	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	24313	10.156	ug/l	98
20) Methylene Chloride	4.799	84	21546	12.277	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	13347	10.997	ug/l	89
22) Diisopropyl ether	6.211	45	29259	10.978	ug/l	92
23) Vinyl Acetate	6.152	43	49547	42.813	ug/l	100
24) 1,1-Dichloroethane	6.116	63	21057	10.558	ug/l	96
25) 2-Butanone	7.081	43	13911	54.940	ug/l	96
26) 2,2-Dichloropropane	7.069	77	19398	10.569	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	14616	10.438	ug/l	95
28) Bromochloromethane	7.428	49	6459	10.328	ug/l #	91
29) Tetrahydrofuran	7.452	42	7695	54.823	ug/l	90
30) Chloroform	7.593	83	23320	10.625	ug/l	88
31) Cyclohexane	7.875	56	19445	11.966	ug/l #	94
32) 1,1,1-Trichloroethane	7.793	97	19402	10.268	ug/l	97
36) 1,1-Dichloropropene	8.005	75	17218	10.272	ug/l	97
37) Ethyl Acetate	7.169	43	5568	10.090	ug/l #	91
38) Carbon Tetrachloride	7.987	117	14752	9.315	ug/l	94
39) Methylcyclohexane	9.275	83	19982	9.864	ug/l	97
40) Benzene	8.252	78	49784	10.088	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	3056	9.486	ug/l	91
42) 1,2-Dichloroethane	8.322	62	12195	9.913	ug/l	100
43) Isopropyl Acetate	8.357	43	10889	10.152	ug/l	94
44) Trichloroethene	9.028	130	13563	9.112	ug/l	88
45) 1,2-Dichloropropane	9.304	63	11688	10.036	ug/l	99
46) Dibromomethane	9.393	93	6318	9.222	ug/l	93
47) Bromodichloromethane	9.587	83	16066	9.167	ug/l	99
48) Methyl methacrylate	9.375	41	5030	10.515	ug/l	91
49) 1,4-Dioxane	9.387	88	1221	184.510	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	25360	45.873	ug/l	97
52) Toluene	10.328	92	29675	9.265	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	13489	9.026	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	17259	9.157	ug/l	99
55) 1,1,2-Trichloroethane	10.728	97	9212	9.707	ug/l	94
56) Ethyl methacrylate	10.599	69	9289	8.626	ug/l	89
57) 1,3-Dichloropropane	10.881	76	14011	8.946	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.875	63	6624	36.777	ug/l	100
59) 2-Hexanone	10.922	43	16763	44.311	ug/l	96
60) Dibromochloromethane	11.069	129	10271	8.703	ug/l	97
61) 1,2-Dibromoethane	11.175	107	7939	8.585	ug/l	99
64) Tetrachloroethene	10.804	164	11702	9.535	ug/l	90
65) Chlorobenzene	11.604	112	32357	9.495	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	10544	8.673	ug/l	96
67) Ethyl Benzene	11.681	91	56805	9.428	ug/l	96
68) m/p-Xylenes	11.793	106	45029	19.043	ug/l	97
69) o-Xylene	12.116	106	20347	9.323	ug/l	99
70) Styrene	12.134	104	35374	9.316	ug/l	97
71) Bromoform	12.293	173	6075	9.143	ug/l #	99
73) Isopropylbenzene	12.416	105	53650	9.468	ug/l	100
74) N-amyl acetate	12.228	43	9139	10.046	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	9450	9.599	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	10813	18.217	ug/l #	1
77) Bromobenzene	12.698	156	12727	9.573	ug/l	95
78) n-propylbenzene	12.757	91	67195	9.813	ug/l	99
79) 2-Chlorotoluene	12.845	91	35906	9.755	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	45029	9.583	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	2430	9.638	ug/l	91
82) 4-Chlorotoluene	12.940	91	37705	9.984	ug/l	99
83) tert-Butylbenzene	13.163	119	38490	9.121	ug/l	99
84) 1,2,4-Trimethylbenzene	13.204	105	45649	9.789	ug/l	100
85) sec-Butylbenzene	13.340	105	59286	9.346	ug/l	99
86) p-Isopropyltoluene	13.457	119	48745	9.231	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	25894	9.465	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	25739	9.440	ug/l	96
89) n-Butylbenzene	13.781	91	45835	9.312	ug/l	100
90) Hexachloroethane	14.045	117	9064	9.673	ug/l	91
91) 1,2-Dichlorobenzene	13.828	146	21845	9.206	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.440	75	1347	10.882	ug/l	87
93) 1,2,4-Trichlorobenzene	15.092	180	14090	8.800	ug/l	96
94) Hexachlorobutadiene	15.198	225	7080	8.116	ug/l	98
95) Naphthalene	15.328	128	25439	8.678	ug/l	98
96) 1,2,3-Trichlorobenzene	15.510	180	11835	8.638	ug/l	99

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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:15:31 2022
Response via : Initial Calibration

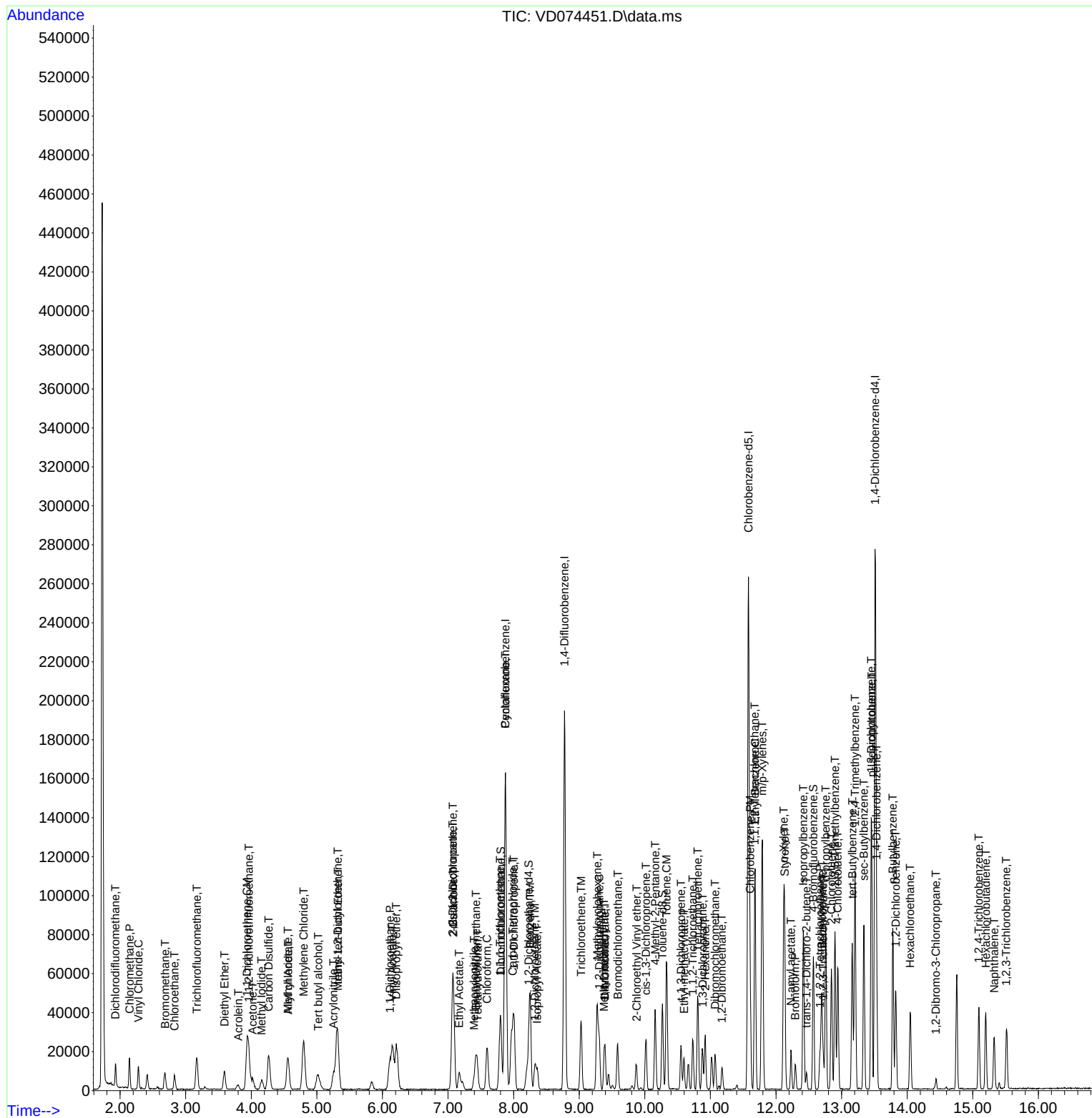
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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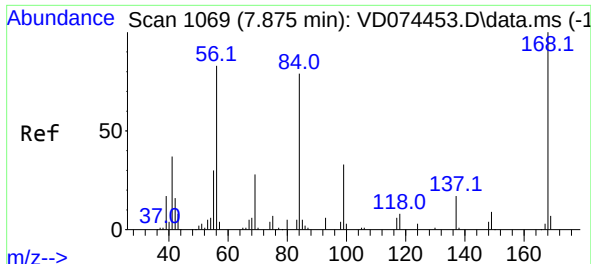
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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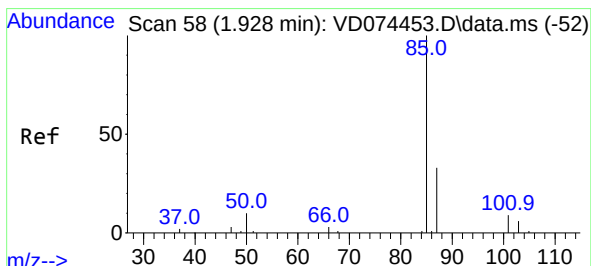
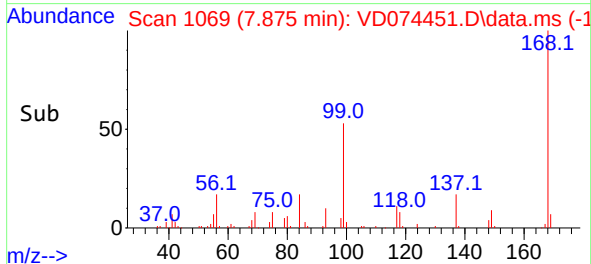
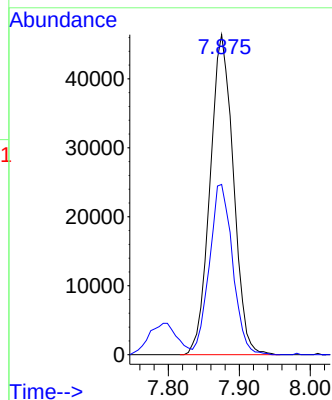
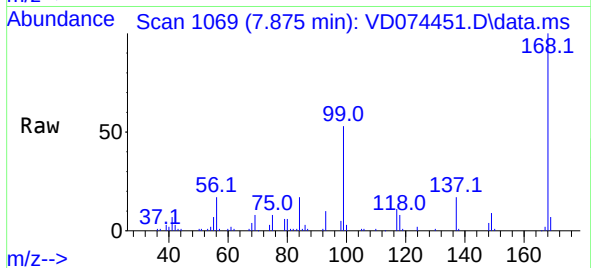




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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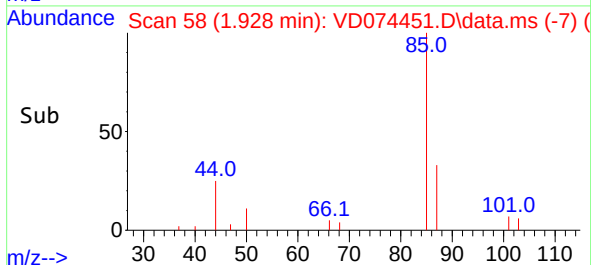
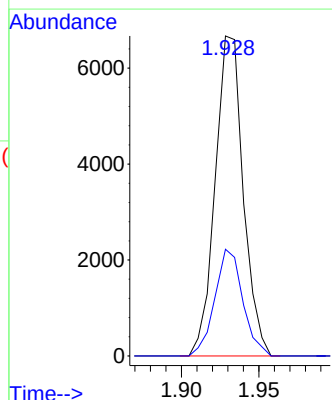
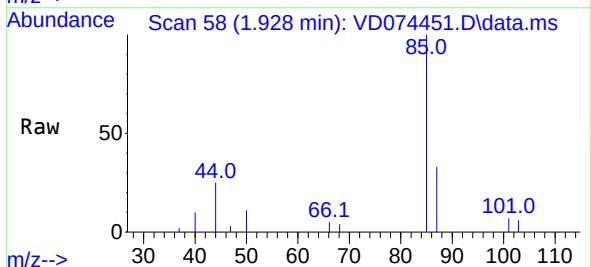
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:168 Resp: 105666
Ion Ratio Lower Upper
168 100
99 53.2 40.9 61.3

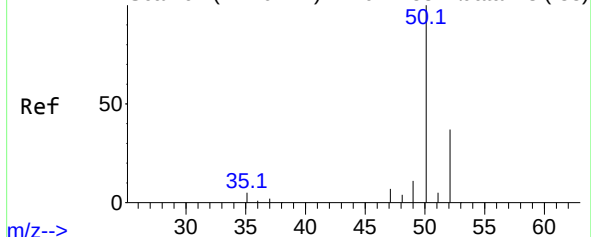


#2
Dichlorodifluoromethane
Concen: 9.231 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 85 Resp: 8409
Ion Ratio Lower Upper
85 100
87 33.4 17.5 52.6



Abundance Scan 94 (2.140 min): VD074453.D\data.ms (-88)



#3

Chloromethane

Concen: 14.303 ug/l

RT: 2.146 min Scan# 94

Delta R.T. 0.006 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

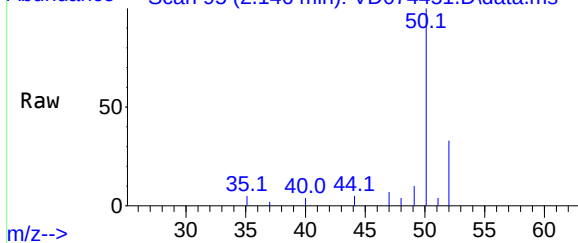
Tgt Ion: 50 Resp: 13628

Ion Ratio Lower Upper

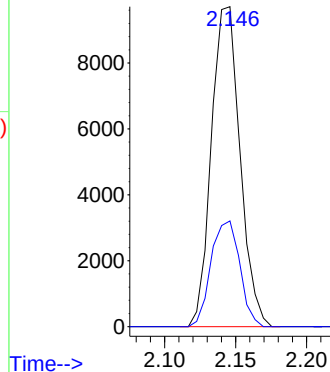
50 100

52 33.0 30.0 45.0

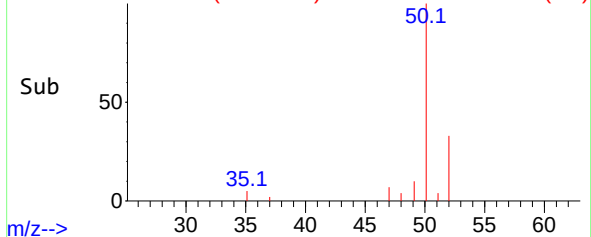
Abundance Scan 95 (2.146 min): VD074451.D\data.ms



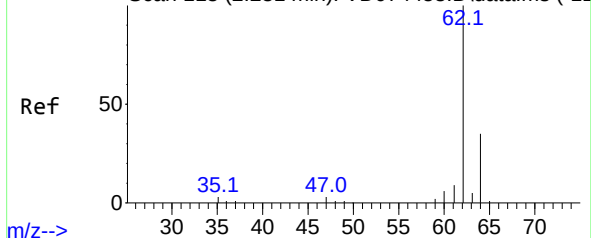
Abundance



Abundance Scan 95 (2.146 min): VD074451.D\data.ms (-43)



Abundance Scan 118 (2.281 min): VD074453.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 12.252 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

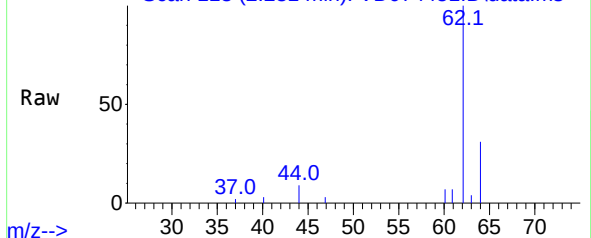
Tgt Ion: 62 Resp: 10196

Ion Ratio Lower Upper

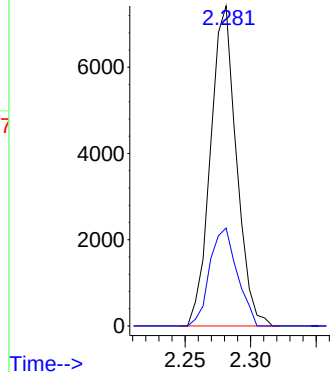
62 100

64 30.6 25.5 38.3

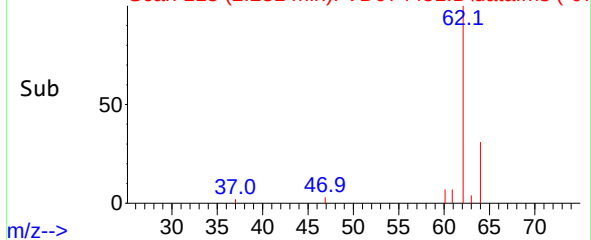
Abundance Scan 118 (2.281 min): VD074451.D\data.ms

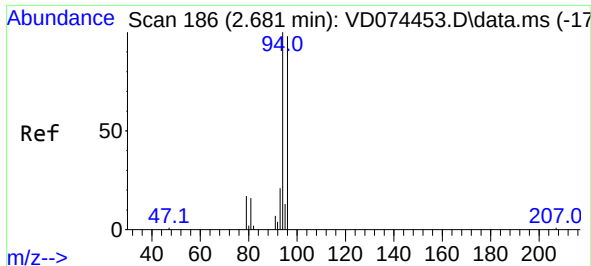


Abundance



Abundance Scan 118 (2.281 min): VD074451.D\data.ms (-67)

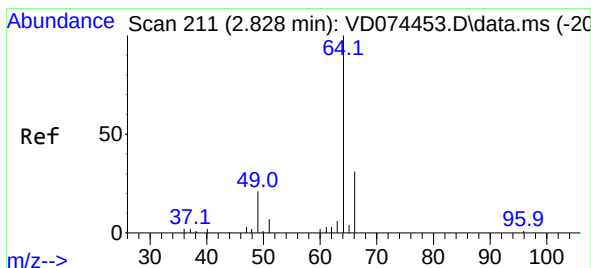
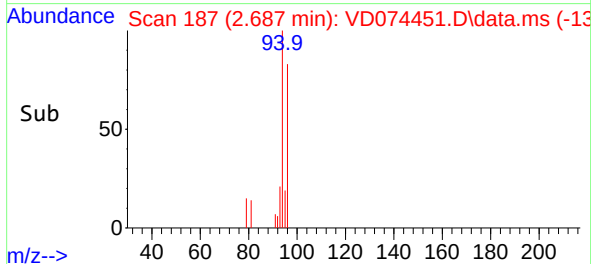
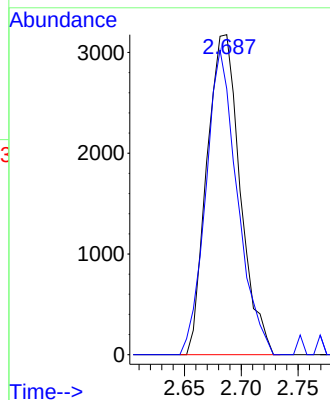
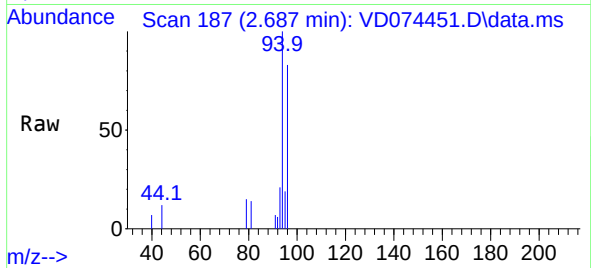




#5
Bromomethane
Concen: 10.730 ug/l
RT: 2.687 min Scan# 186
Delta R.T. 0.006 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

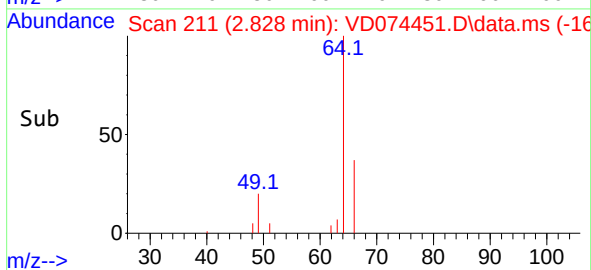
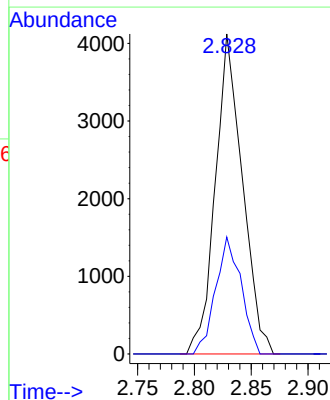
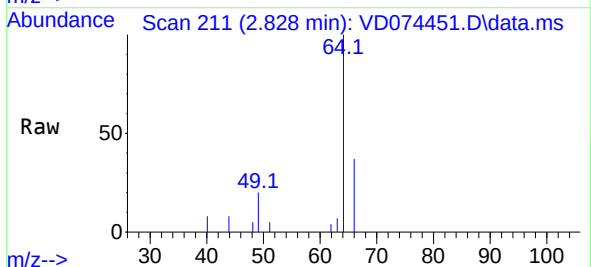
Instrument :
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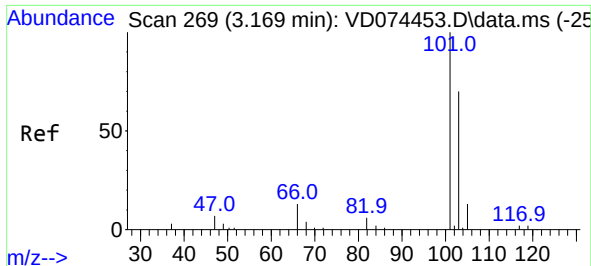
Tgt Ion: 94 Resp: 6484
Ion Ratio Lower Upper
94 100
96 83.1 74.6 112.0



#6
Chloroethane
Concen: 12.279 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 64 Resp: 6831
Ion Ratio Lower Upper
64 100
66 36.6 25.8 38.8

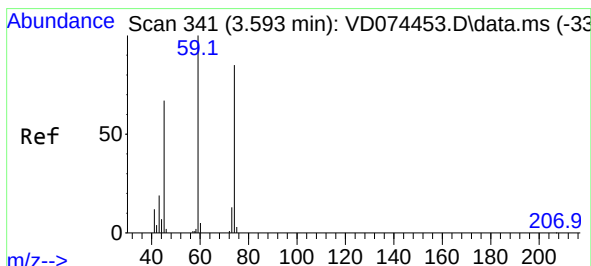
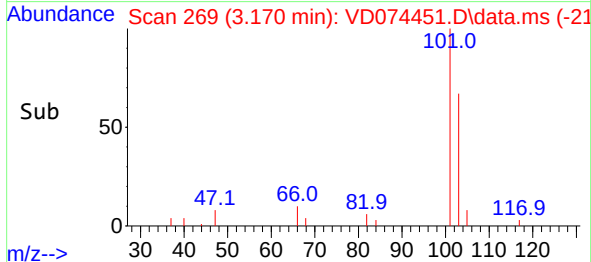
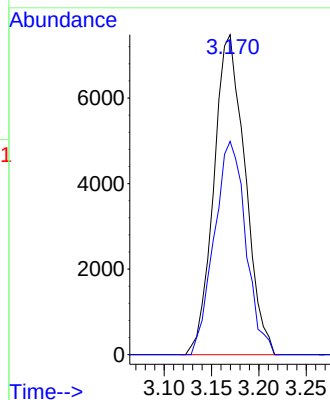
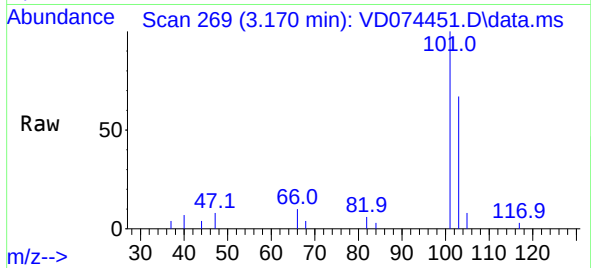




#7
Trichlorofluoromethane
Concen: 9.679 ug/l
RT: 3.170 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

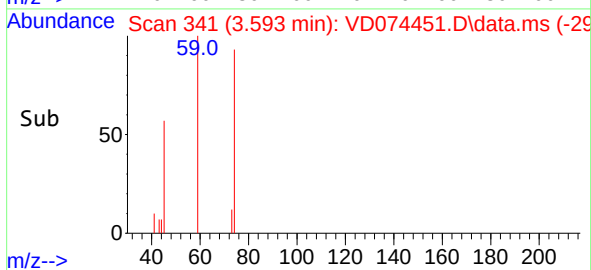
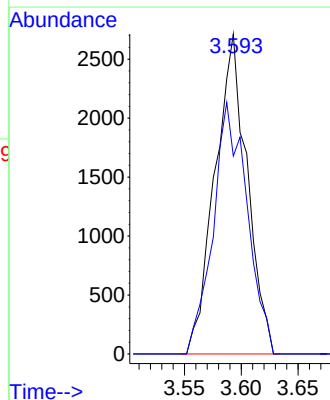
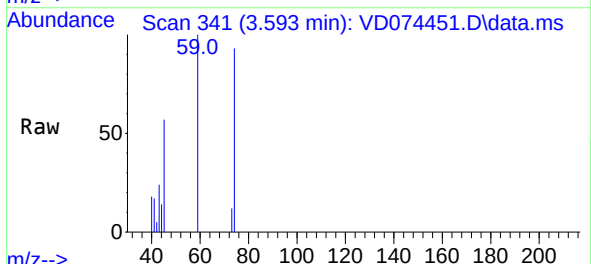
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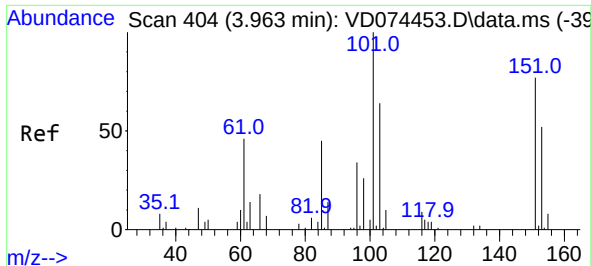
Tgt Ion:101 Resp: 17164
Ion Ratio Lower Upper
101 100
103 66.6 49.8 74.8



#8
Diethyl Ether
Concen: 10.195 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 74 Resp: 5359
Ion Ratio Lower Upper
74 100
45 82.7 37.9 113.6

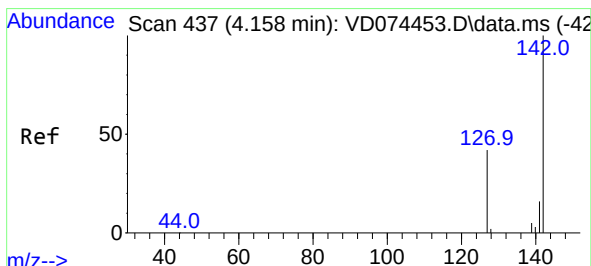
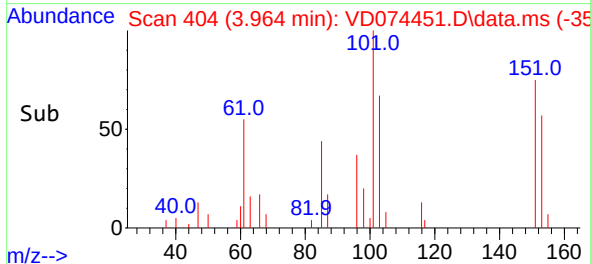
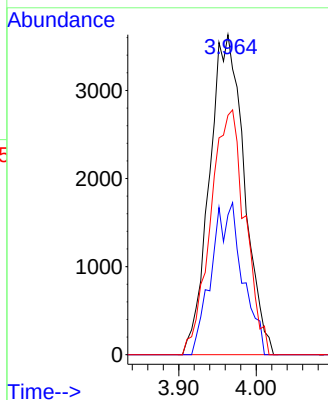
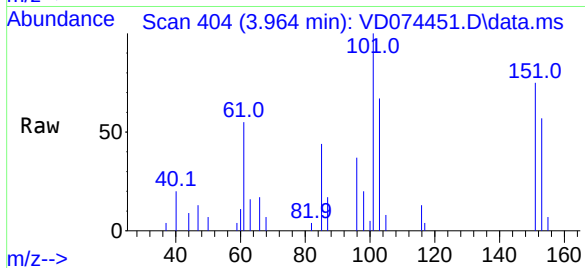




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.586 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

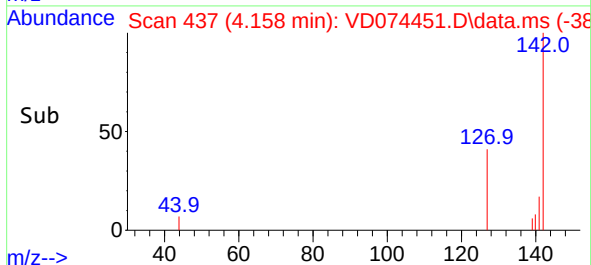
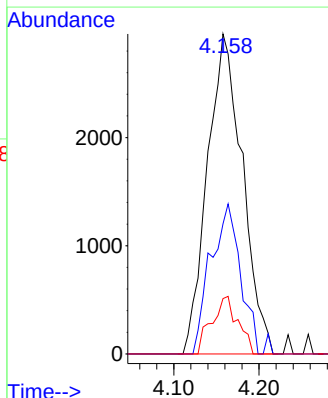
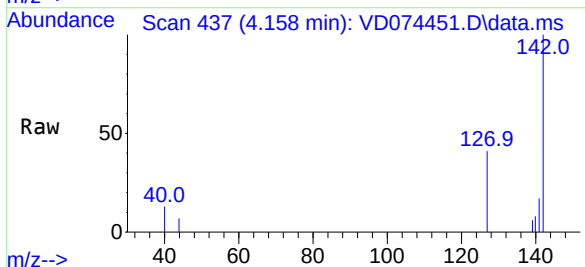
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

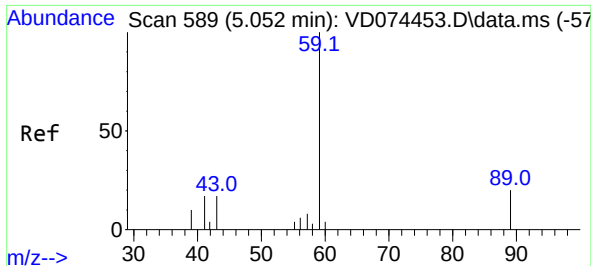
Tgt Ion:101 Resp: 11354
Ion Ratio Lower Upper
101 100
85 42.6 34.1 51.1
151 75.9 61.7 92.5



#10
Methyl Iodide
Concen: 7.768 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion:142 Resp: 8454
Ion Ratio Lower Upper
142 100
127 39.9 31.9 47.9
141 13.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 59.547 ug/l

RT: 5.022 min Scan# 584

Delta R.T. -0.029 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

Instrument :

MSVOA_D

ClientSampleId :

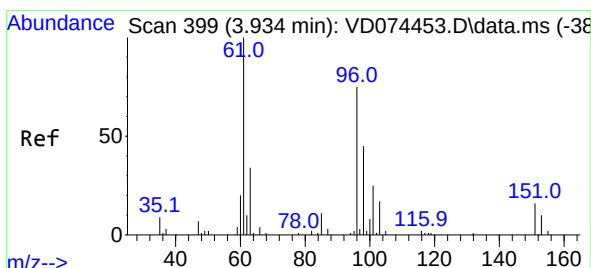
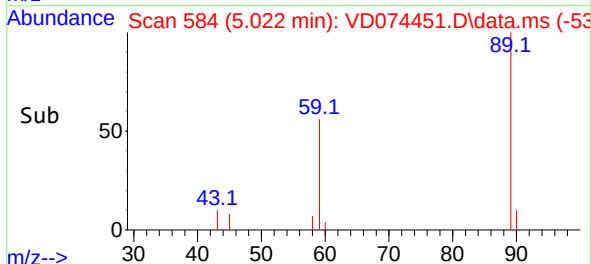
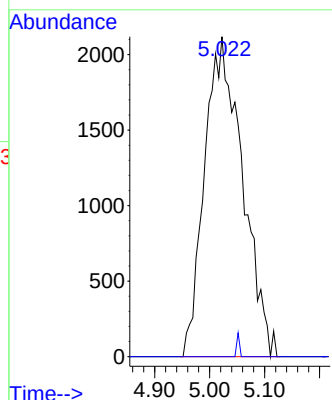
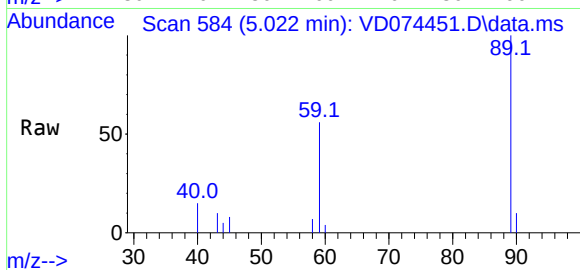
VSTDIC010

Tgt Ion: 59 Resp: 10141

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#12

1,1-Dichloroethene

Concen: 10.591 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

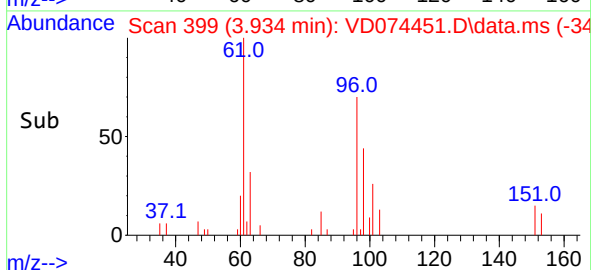
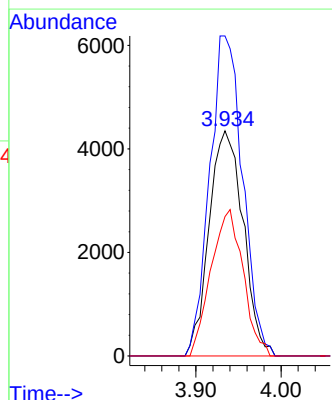
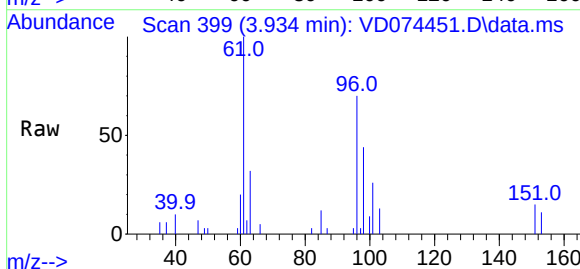
Tgt Ion: 96 Resp: 12078

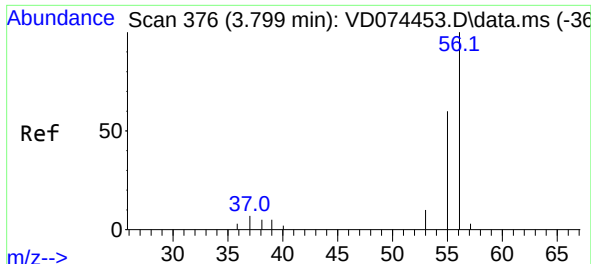
Ion Ratio Lower Upper

96 100

61 142.1 113.9 170.9

98 61.9 51.8 77.8





#13

Acrolein

Concen: 50.324 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

Instrument :

MSVOA_D

ClientSampleId :

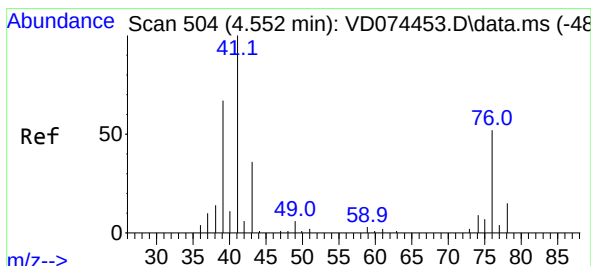
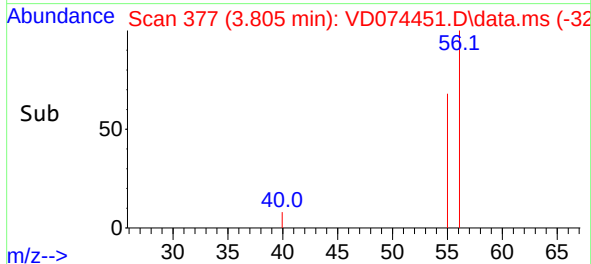
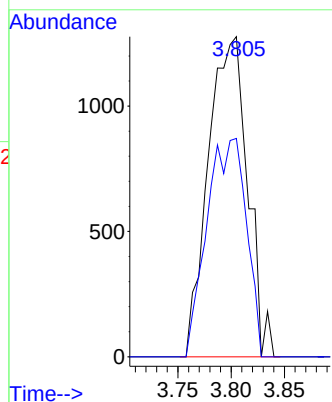
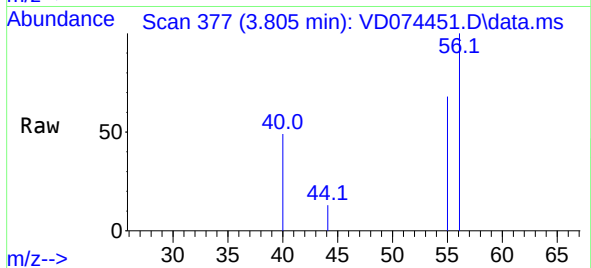
VSTDIC010

Tgt Ion: 56 Resp: 3272

Ion Ratio Lower Upper

56 100

55 68.7 54.0 81.0



#14

Allyl chloride

Concen: 11.823 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.012 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

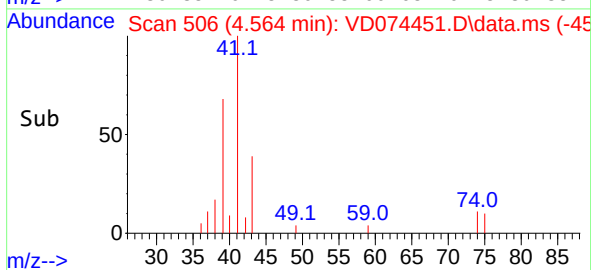
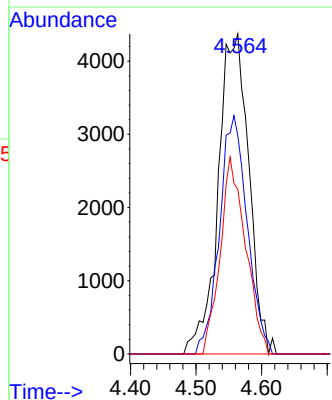
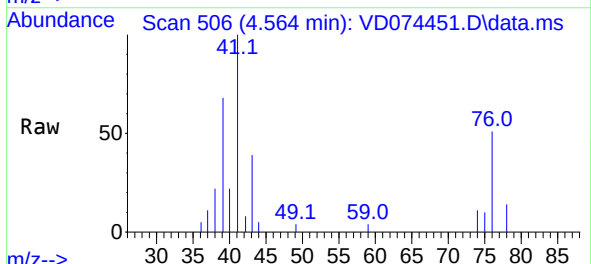
Tgt Ion: 41 Resp: 14173

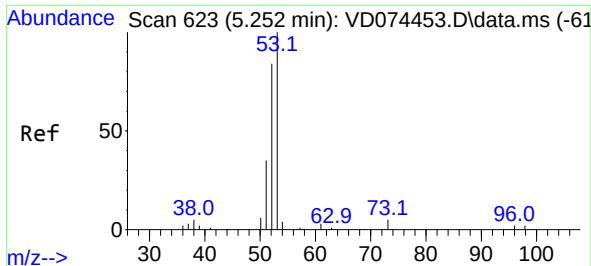
Ion Ratio Lower Upper

41 100

39 67.6 53.4 80.2

76 50.9 42.4 63.6

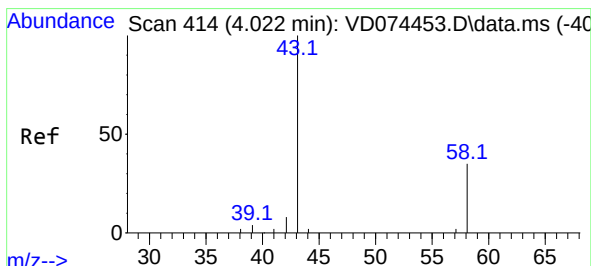
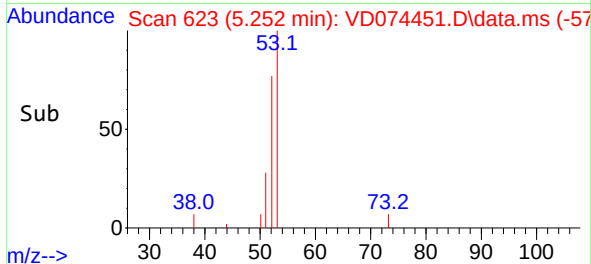
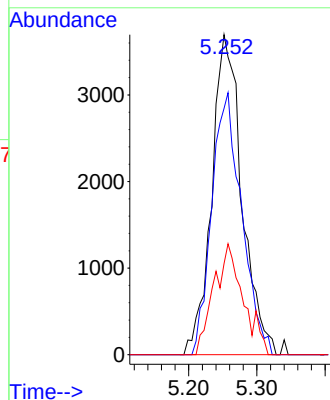
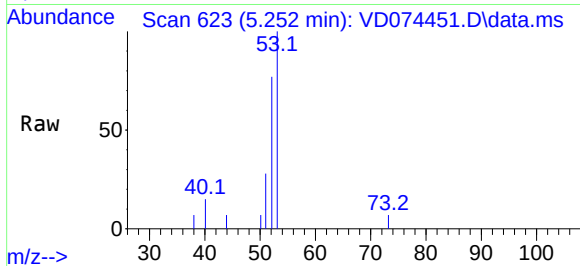




#15
Acrylonitrile
Concen: 51.890 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

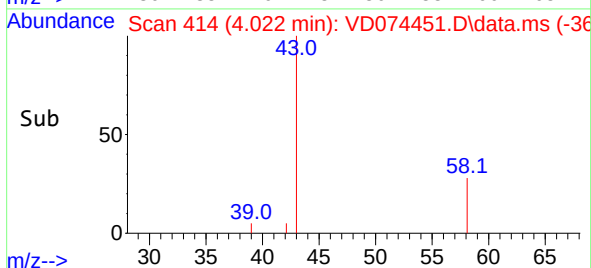
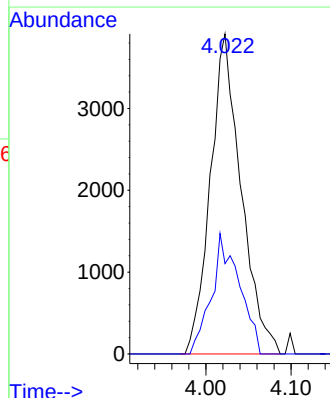
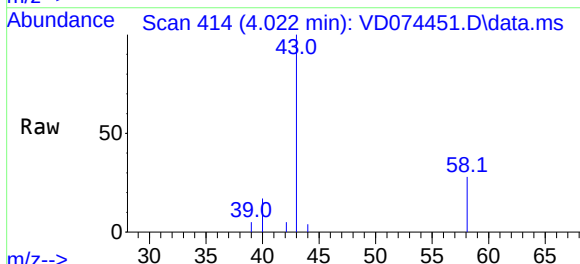
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

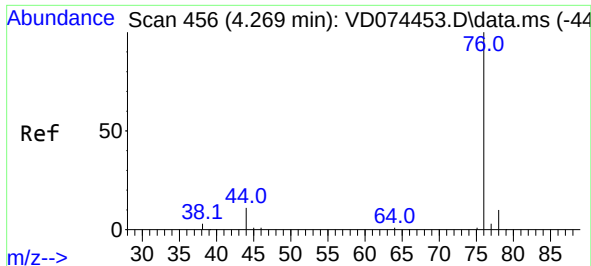
Tgt Ion:	53	Resp:	11368
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.0	99.0
51	33.8	28.3	42.5



#16
Acetone
Concen: 50.839 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion:	43	Resp:	9805
Ion	Ratio	Lower	Upper
43	100		
58	28.2	30.2	45.2#

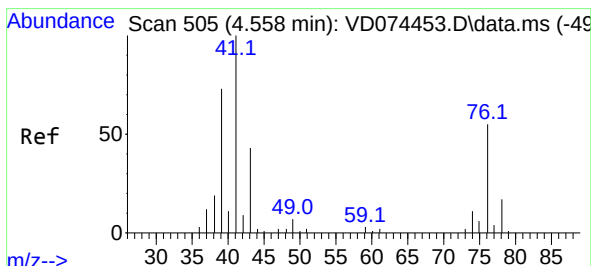
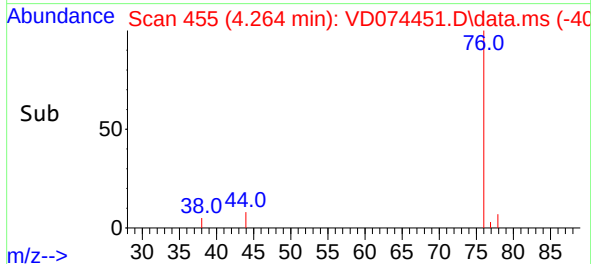
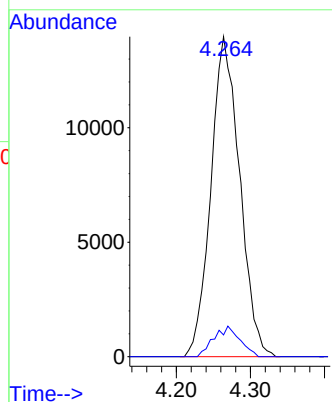
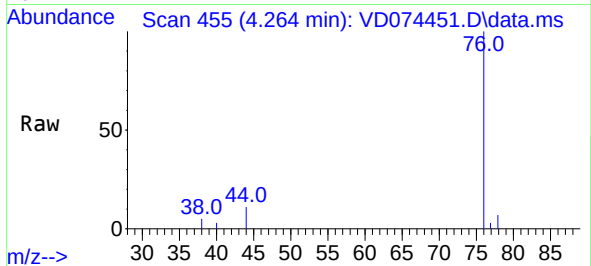




#17
Carbon Disulfide
Concen: 13.391 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

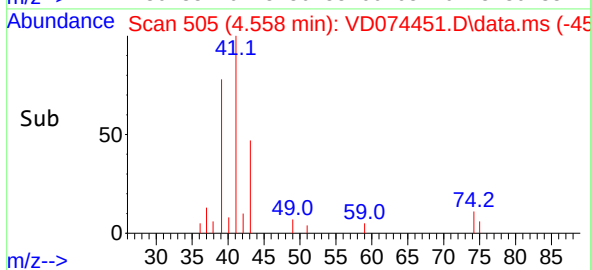
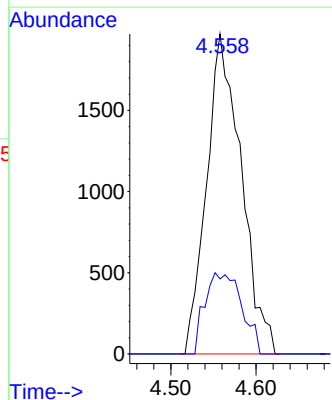
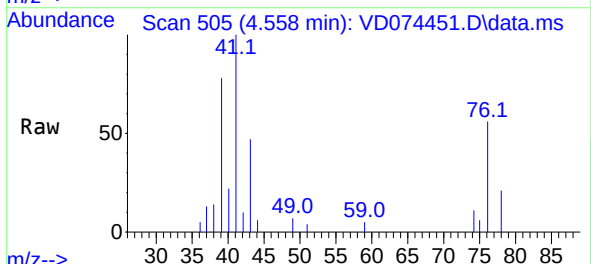
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

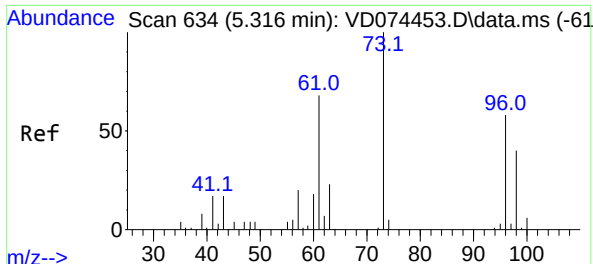
Tgt Ion: 76 Resp: 37668
Ion Ratio Lower Upper
76 100
78 6.8 7.8 11.8#



#18
Methyl Acetate
Concen: 9.501 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 43 Resp: 5567
Ion Ratio Lower Upper
43 100
74 26.9 24.7 37.1

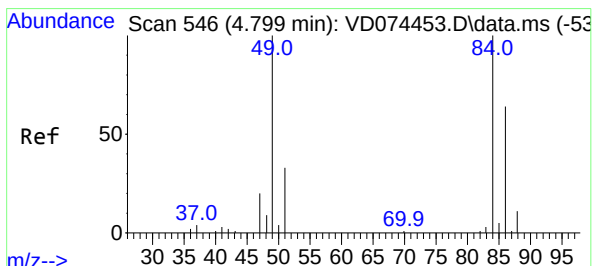
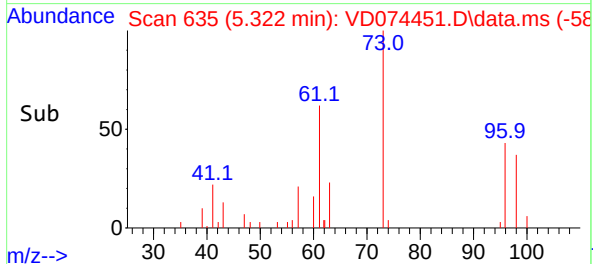
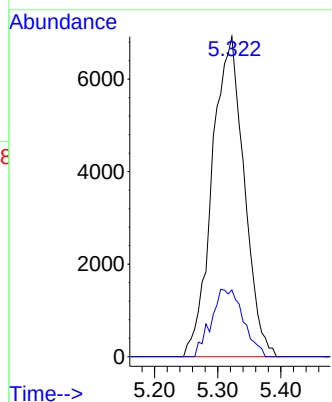
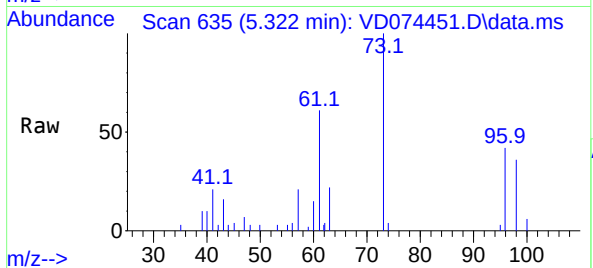




#19
Methyl tert-butyl Ether
Concen: 10.156 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

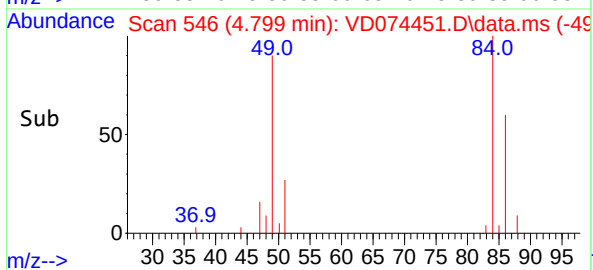
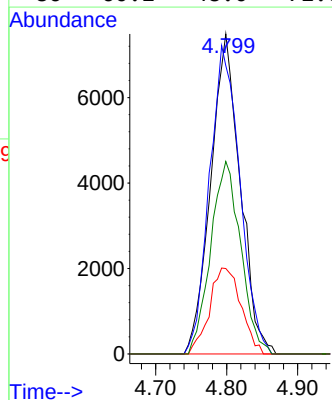
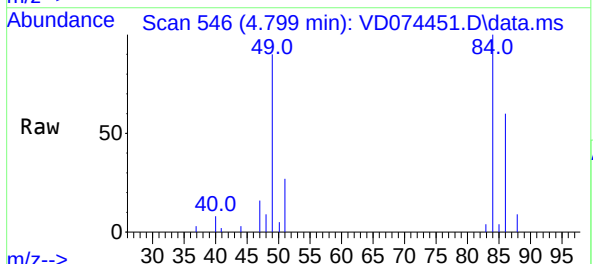
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

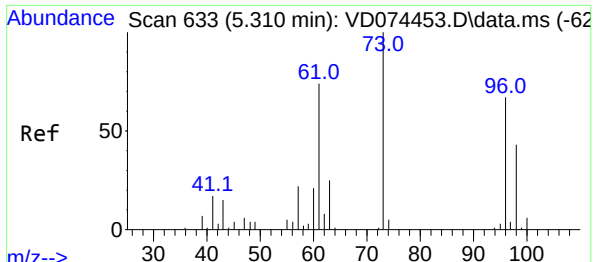
Tgt Ion: 73 Resp: 24313
Ion Ratio Lower Upper
73 100
57 20.8 16.1 24.1



#20
Methylene Chloride
Concen: 12.277 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 84 Resp: 21546
Ion Ratio Lower Upper
84 100
49 90.1 68.0 102.0
51 26.7 23.2 34.8
86 60.2 48.0 72.0





#21

trans-1,2-Dichloroethene

Concen: 10.997 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

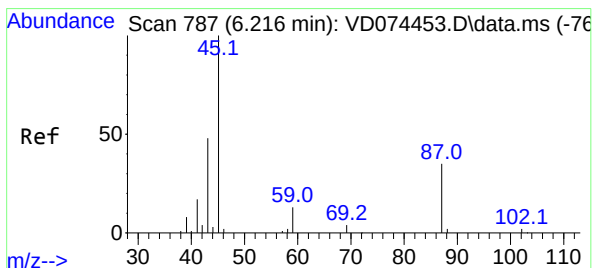
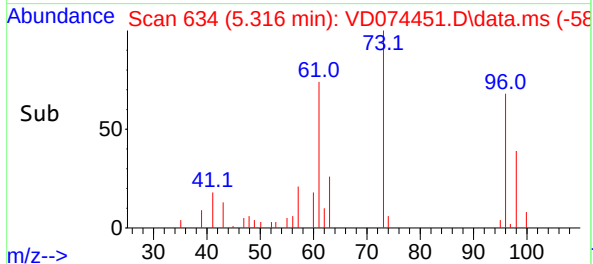
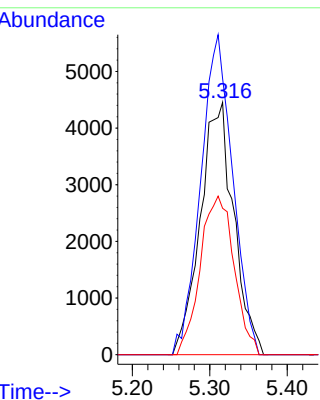
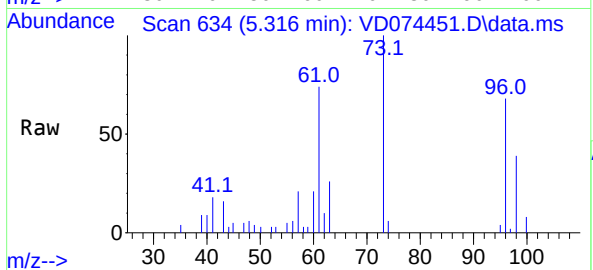
Tgt Ion: 96 Resp: 13347

Ion Ratio Lower Upper

96 100

61 109.5 95.7 143.5

98 58.0 54.8 82.2



#22

Diisopropyl ether

Concen: 10.978 ug/l

RT: 6.211 min Scan# 786

Delta R.T. -0.006 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

Tgt Ion: 45 Resp: 29259

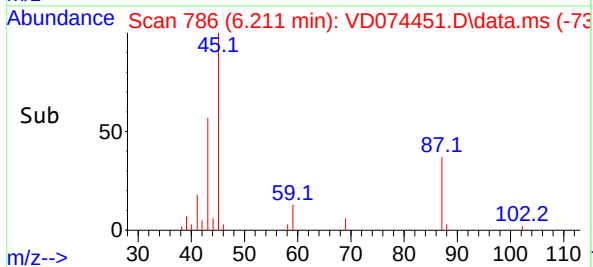
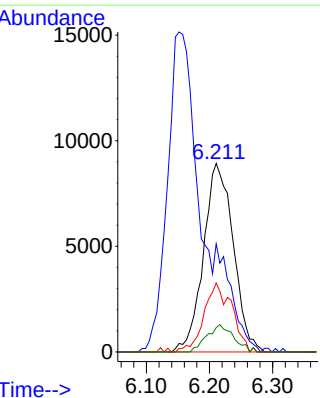
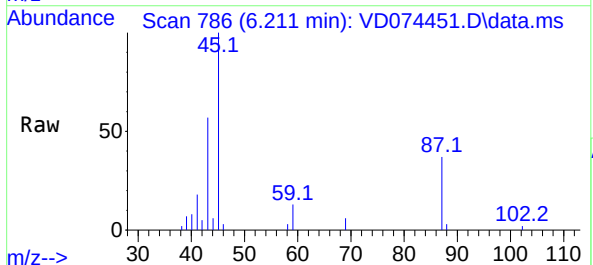
Ion Ratio Lower Upper

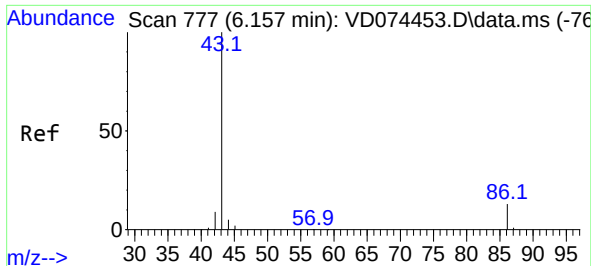
45 100

43 55.4 37.8 56.6

87 36.6 26.6 40.0

59 12.9 9.9 14.9

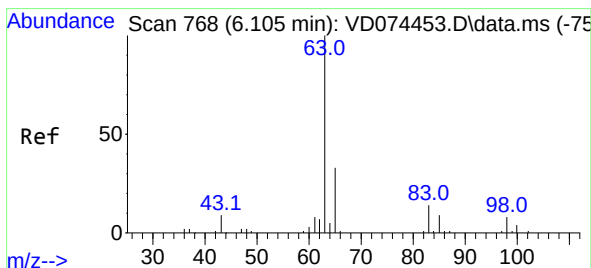
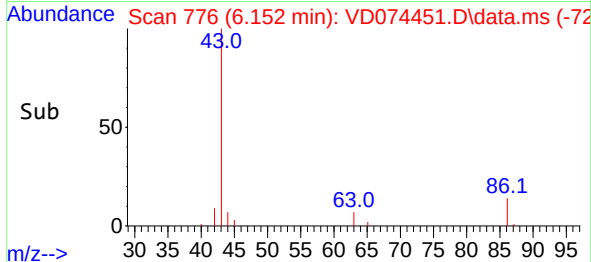
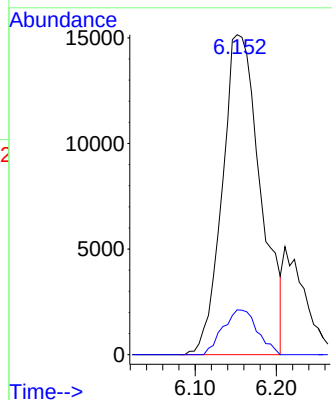
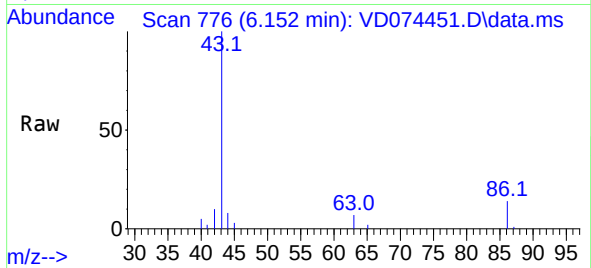




#23
 Vinyl Acetate
 Concen: 42.813 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD074451.D
 Acq: 05 Oct 2022 13:50

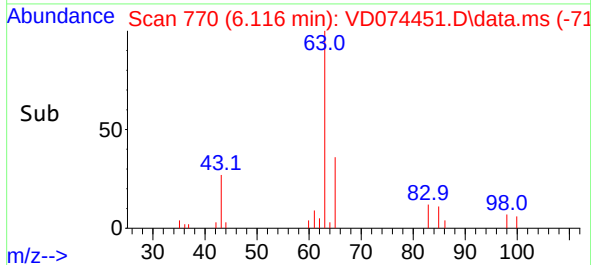
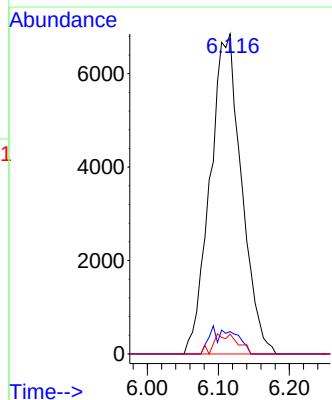
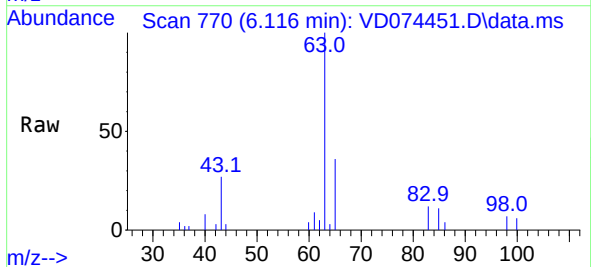
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

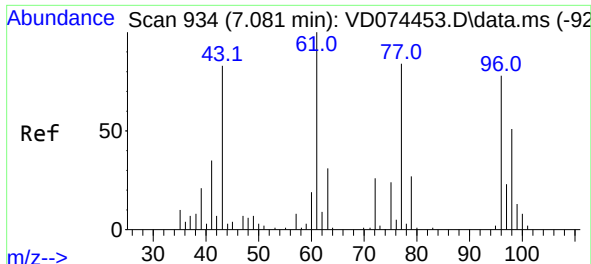
Tgt Ion: 43 Resp: 49547
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 10.558 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.012 min
 Lab File: VD074451.D
 Acq: 05 Oct 2022 13:50

Tgt Ion: 63 Resp: 21057
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.6 13.8
 100 6.2 2.9 8.6

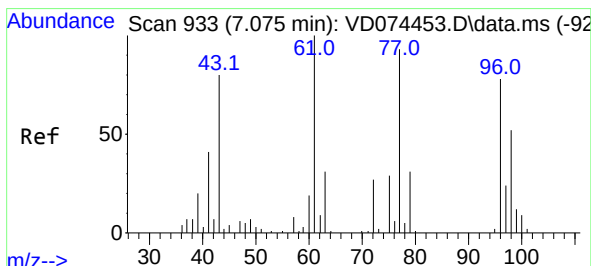
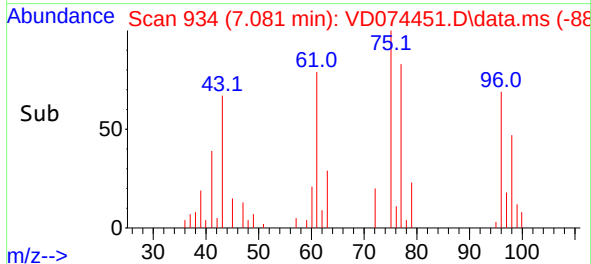
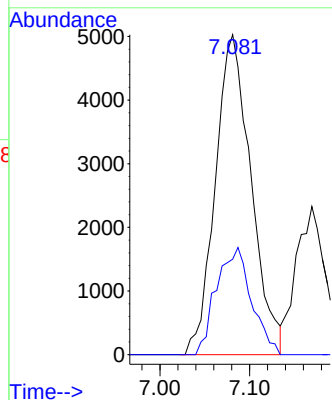
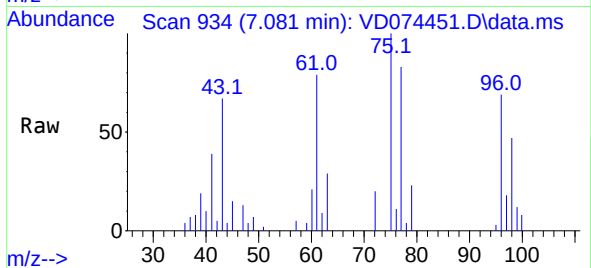




#25
2-Butanone
Concen: 54.940 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

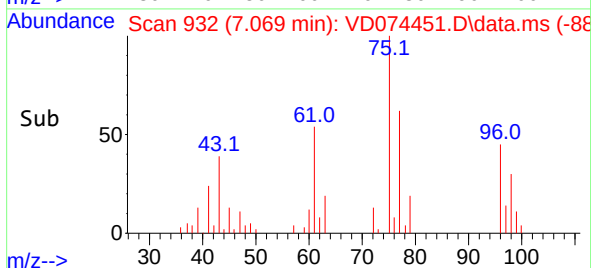
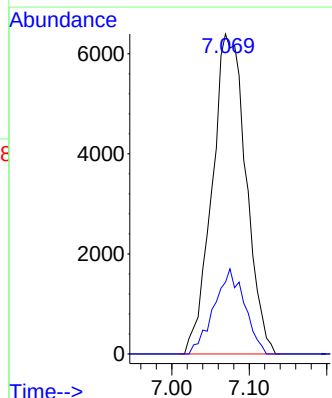
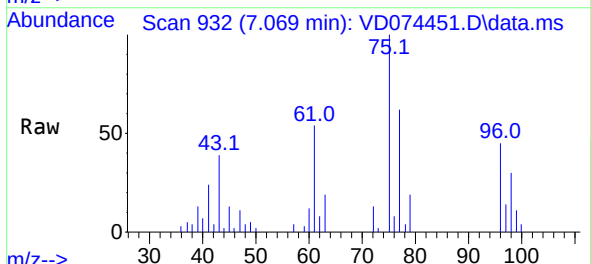
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

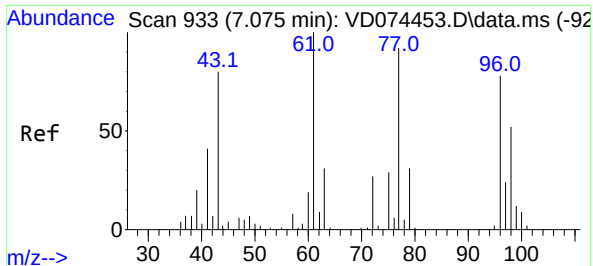
Tgt Ion: 43 Resp: 13911
Ion Ratio Lower Upper
43 100
72 29.8 25.8 38.8



#26
2,2-Dichloropropane
Concen: 10.569 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 77 Resp: 19398
Ion Ratio Lower Upper
77 100
97 24.0 12.5 37.5



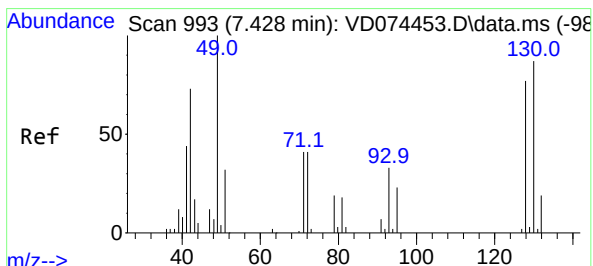
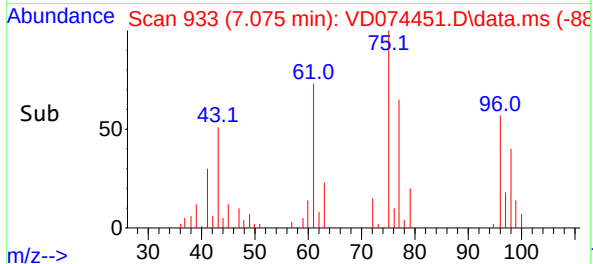
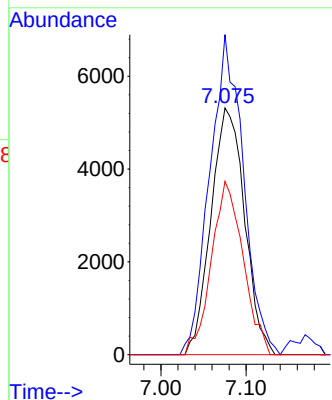
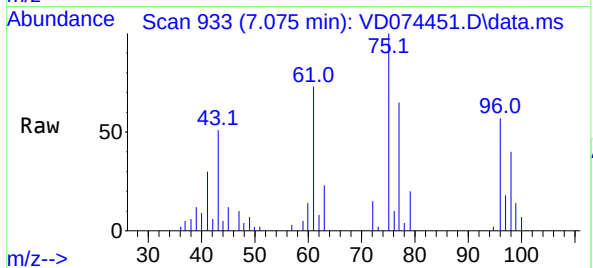


#27
 cis-1,2-Dichloroethene
 Concen: 10.438 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD074451.D
 Acq: 05 Oct 2022 13:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 14616

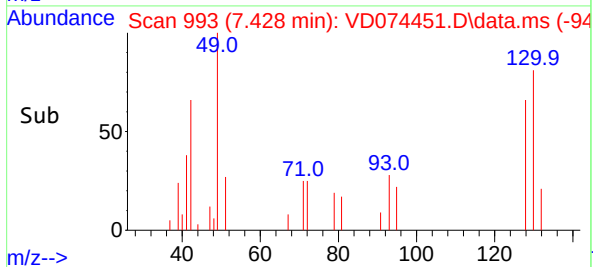
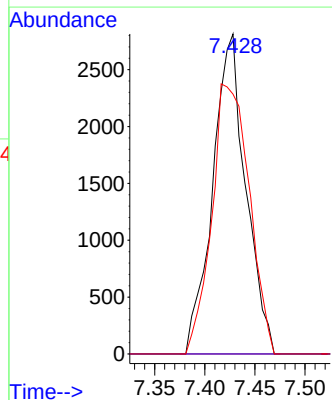
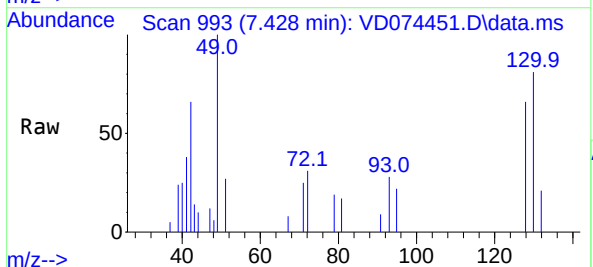
Ion	Ratio	Lower	Upper
96	100		
61	129.6	0.0	242.4
98	66.2	0.0	130.0

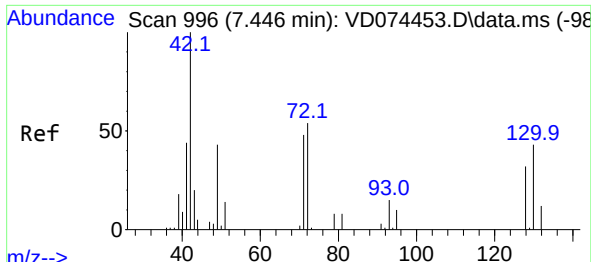


#28
 Bromochloromethane
 Concen: 10.328 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD074451.D
 Acq: 05 Oct 2022 13:50

Tgt Ion: 49 Resp: 6459

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	95.8	84.1	126.1





#29

Tetrahydrofuran

Concen: 54.823 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

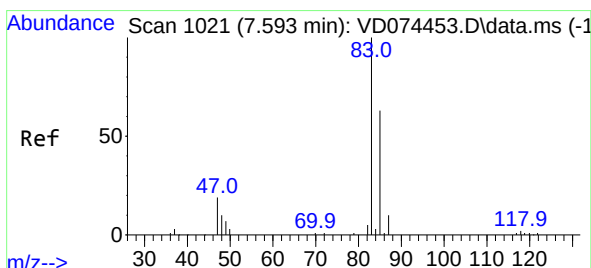
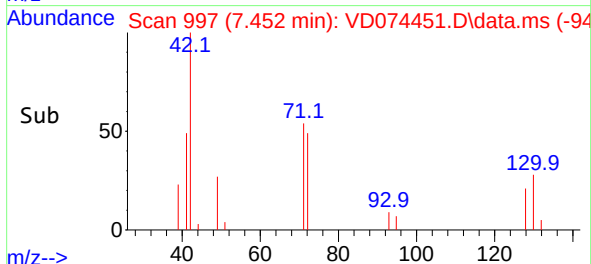
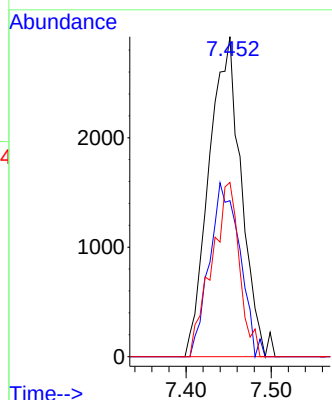
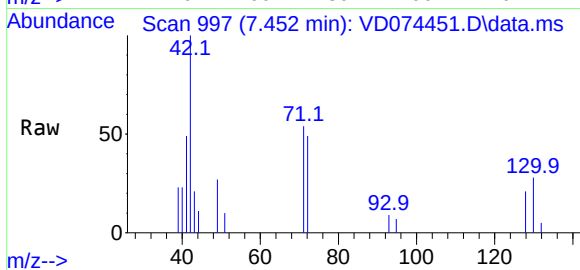
Tgt Ion: 42 Resp: 7695

Ion Ratio Lower Upper

42 100

72 51.0 45.8 68.6

71 46.9 44.6 66.8



#30

Chloroform

Concen: 10.625 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD074451.D

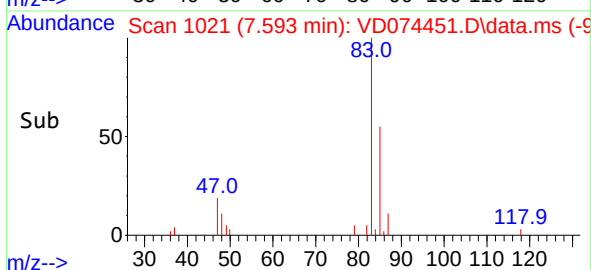
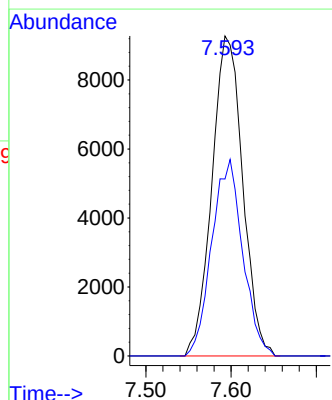
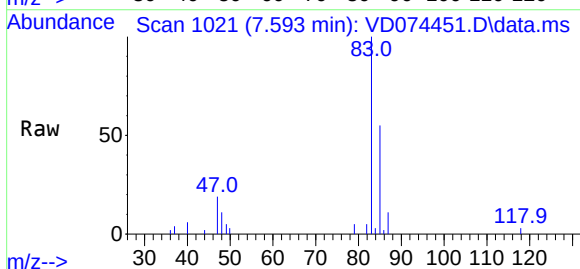
Acq: 05 Oct 2022 13:50

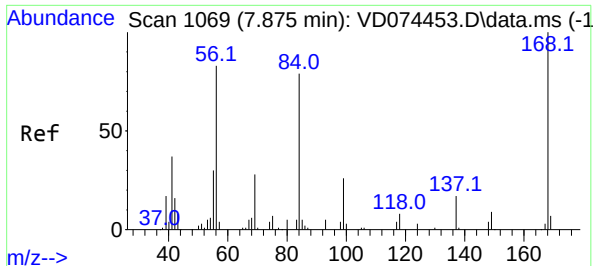
Tgt Ion: 83 Resp: 23320

Ion Ratio Lower Upper

83 100

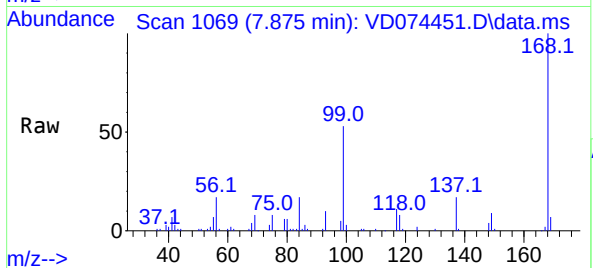
85 55.3 52.0 78.0



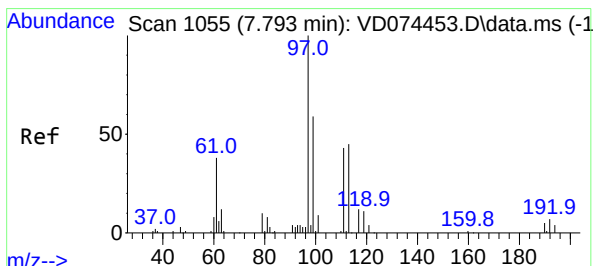
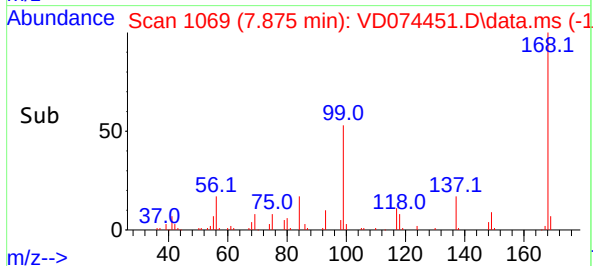
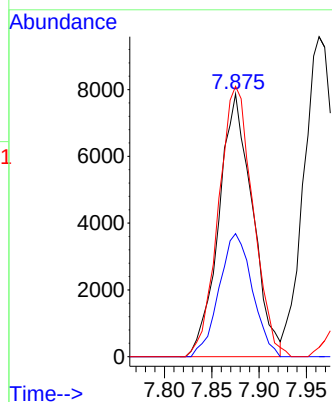


#31
Cyclohexane
Concen: 11.966 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

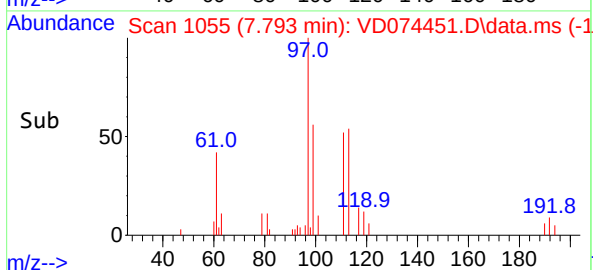
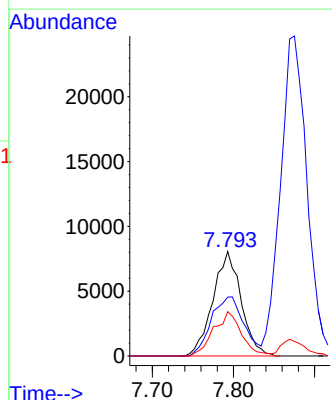
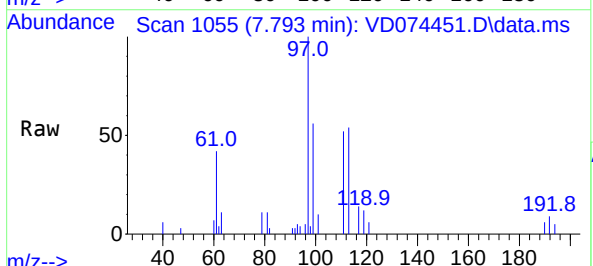


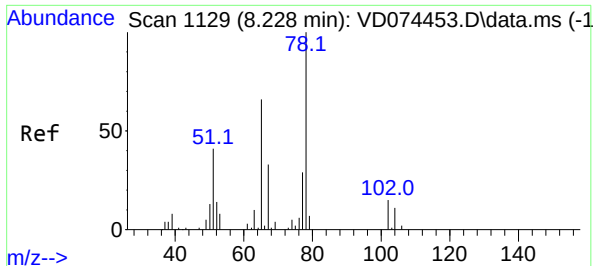
Tgt Ion: 56 Resp: 19445
Ion Ratio Lower Upper
56 100
69 46.8 29.2 43.8#
84 102.9 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 10.268 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 97 Resp: 19402
Ion Ratio Lower Upper
97 100
99 66.2 53.3 79.9
61 41.7 30.2 45.4

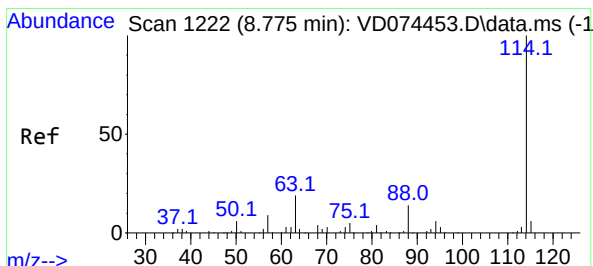
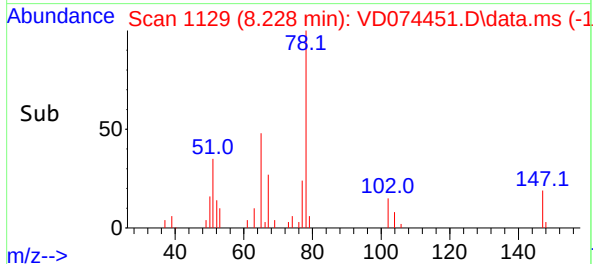
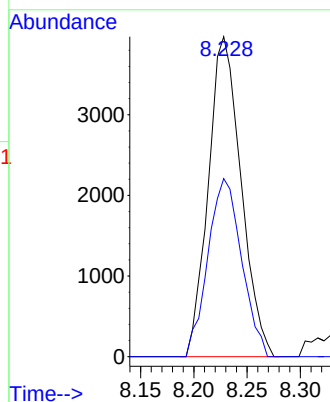
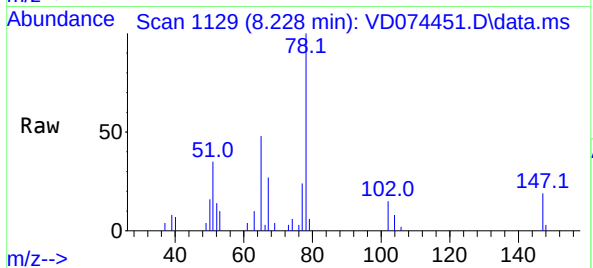




#33
1,2-Dichloroethane-d4
Concen: 9.102 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

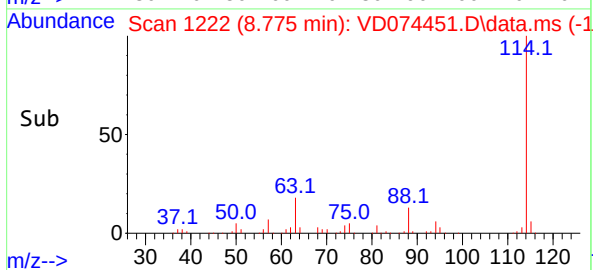
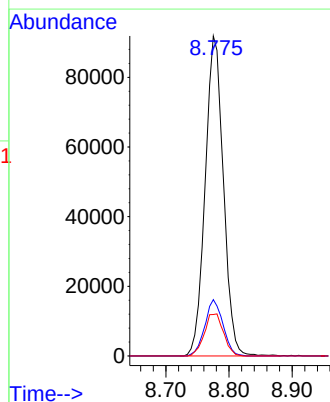
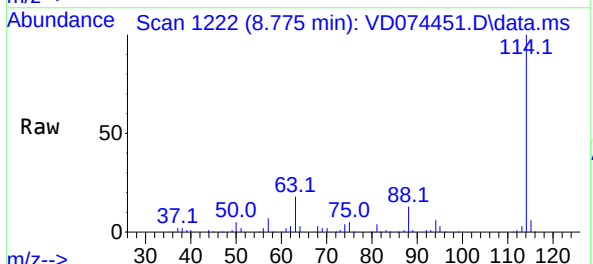
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

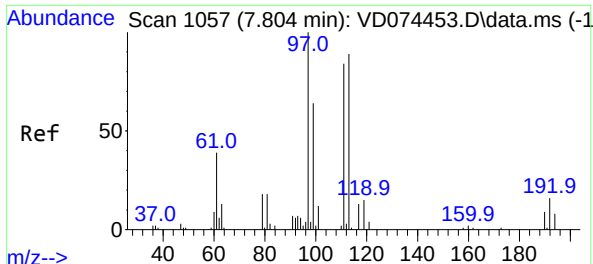
Tgt Ion: 65 Resp: 8475
Ion Ratio Lower Upper
65 100
67 57.3 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 114 Resp: 183749
Ion Ratio Lower Upper
114 100
63 17.6 0.0 33.2
88 12.9 0.0 28.2

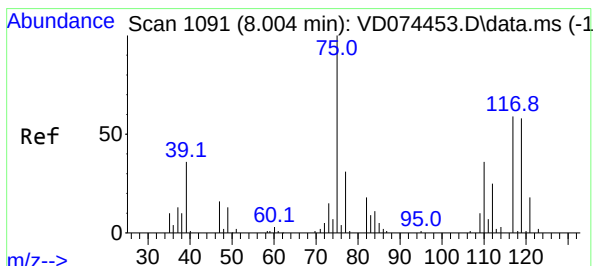
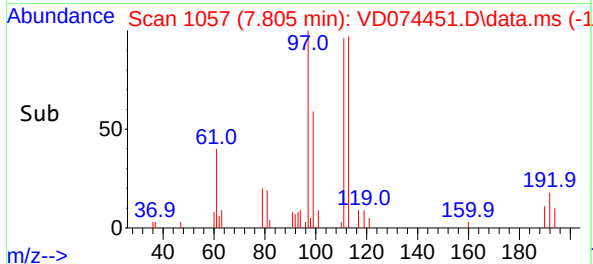
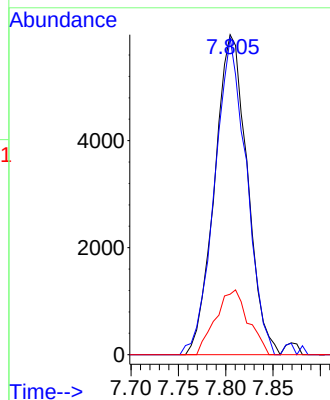
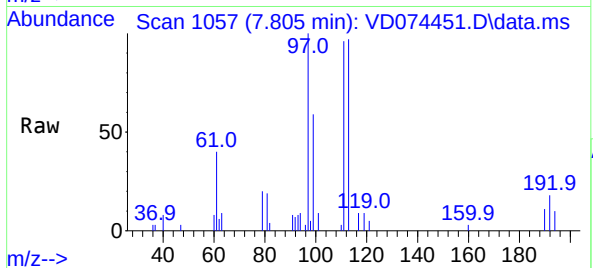




#35
Dibromofluoromethane
Concen: 10.659 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

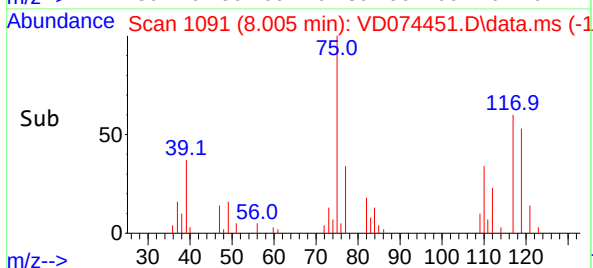
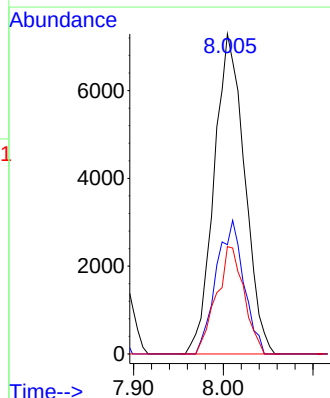
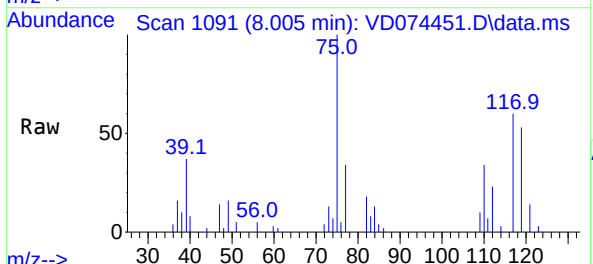
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

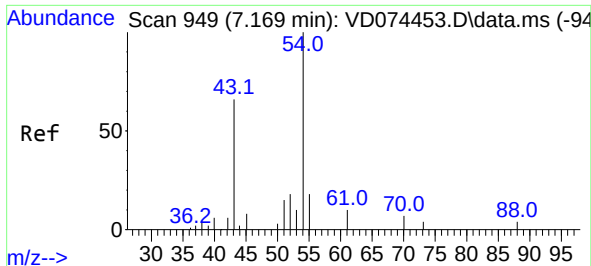
Tgt Ion:113 Resp: 14362
Ion Ratio Lower Upper
113 100
111 96.3 82.3 123.5
192 20.2 16.4 24.6



#36
1,1-Dichloropropene
Concen: 10.272 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 75 Resp: 17218
Ion Ratio Lower Upper
75 100
110 37.8 19.7 59.0
77 30.2 25.4 38.2





#37

Ethyl Acetate

Concen: 10.090 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

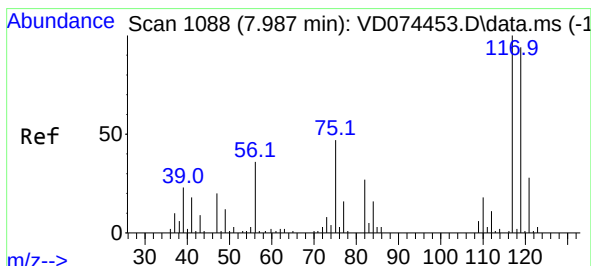
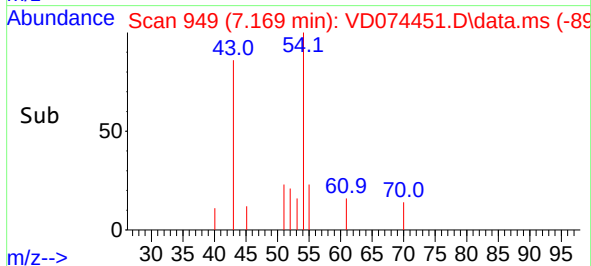
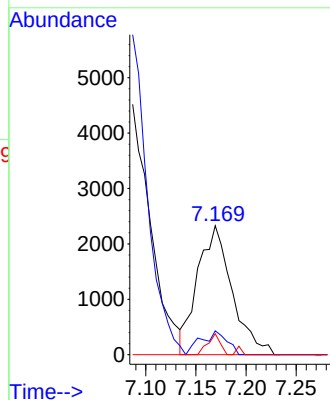
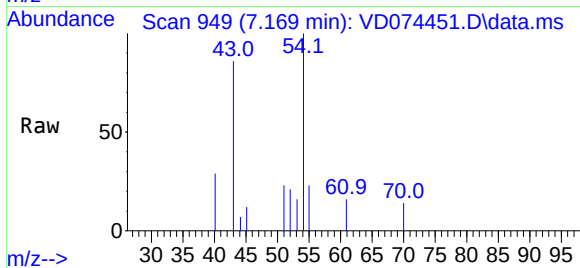
Tgt Ion: 43 Resp: 5568

Ion Ratio Lower Upper

43 100

61 13.7 12.2 18.4

70 5.9 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 9.315 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

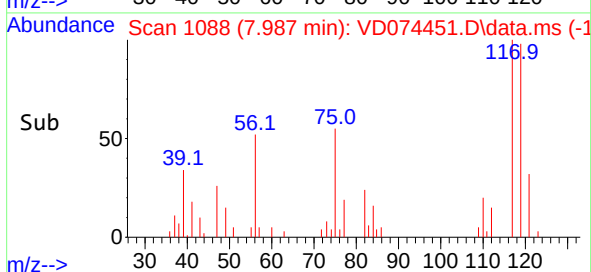
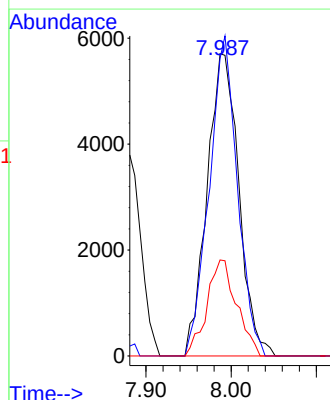
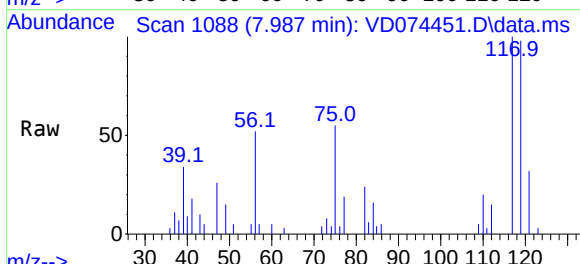
Tgt Ion: 117 Resp: 14752

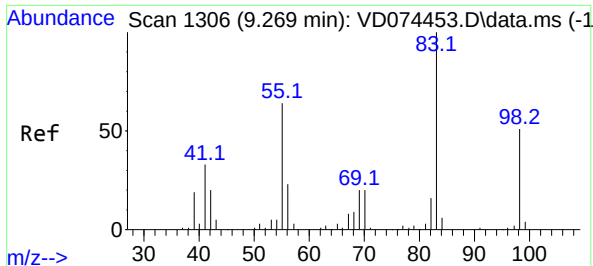
Ion Ratio Lower Upper

117 100

119 98.4 73.1 109.7

121 31.7 25.0 37.6





#39

Methylcyclohexane

Concen: 9.864 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.006 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

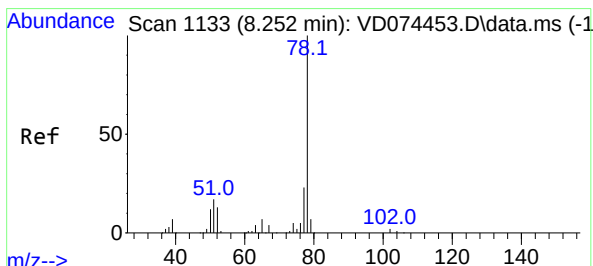
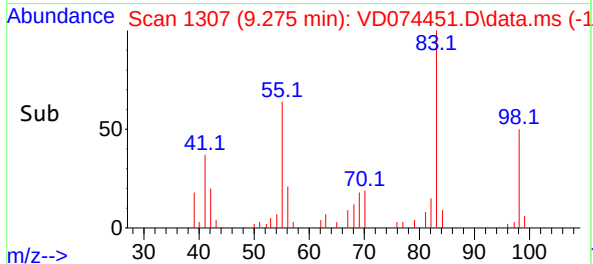
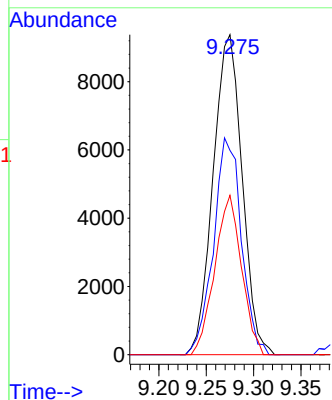
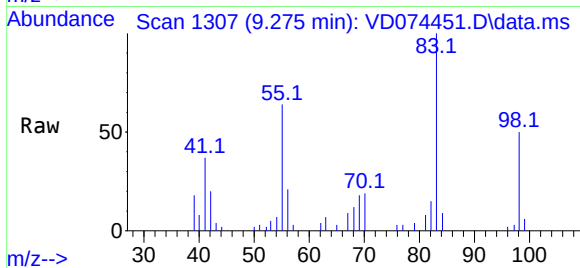
Tgt Ion: 83 Resp: 19982

Ion Ratio Lower Upper

83 100

55 63.9 49.0 73.4

98 49.8 41.7 62.5



#40

Benzene

Concen: 10.088 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD074451.D

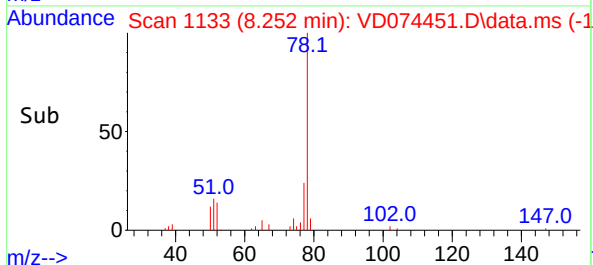
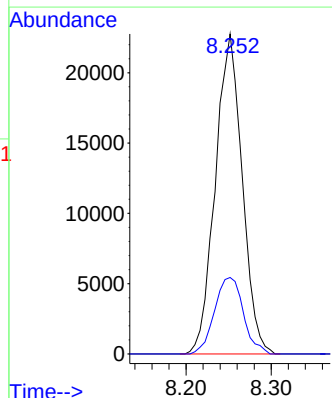
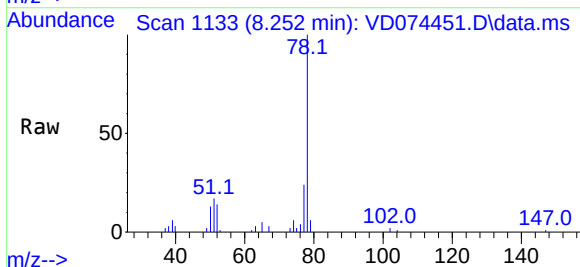
Acq: 05 Oct 2022 13:50

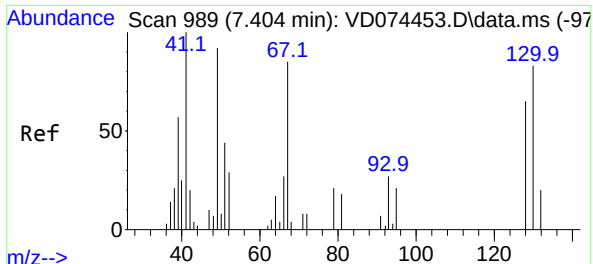
Tgt Ion: 78 Resp: 49784

Ion Ratio Lower Upper

78 100

77 23.9 20.1 30.1



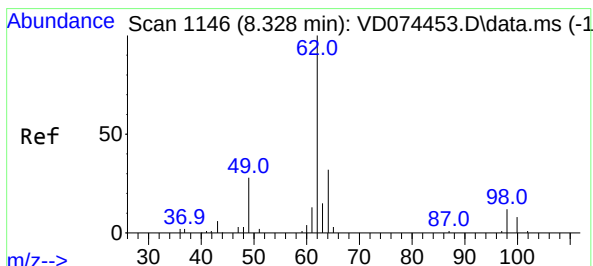
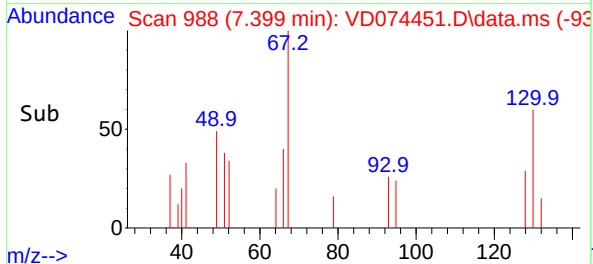
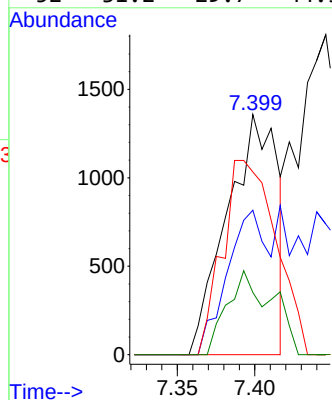
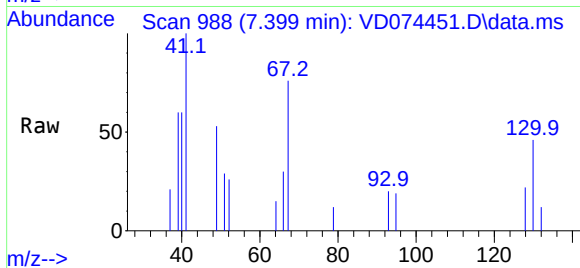


#41
Methacrylonitrile
Concen: 9.486 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 3056

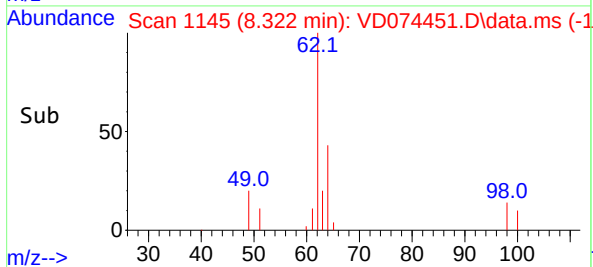
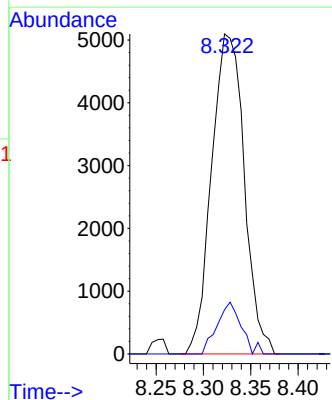
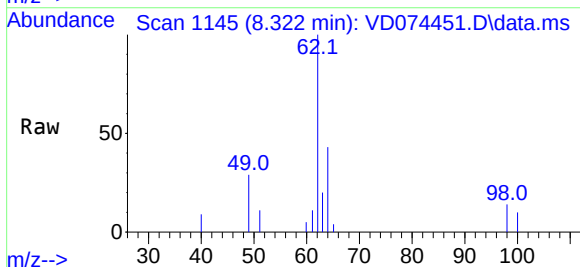
Ion	Ratio	Lower	Upper
41	100		
39	48.7	35.0	52.6
67	86.4	77.0	115.6
52	31.2	29.7	44.5

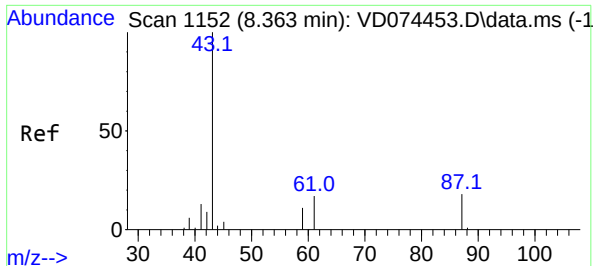


#42
1,2-Dichloroethane
Concen: 9.913 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 62 Resp: 12195

Ion	Ratio	Lower	Upper
62	100		
98	12.1	0.0	24.2

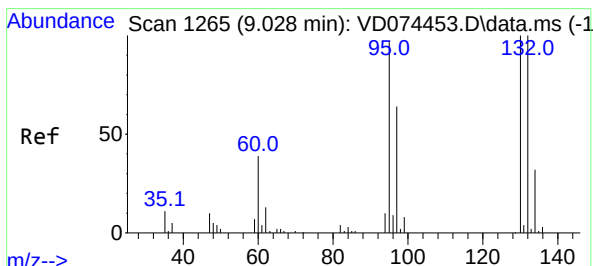
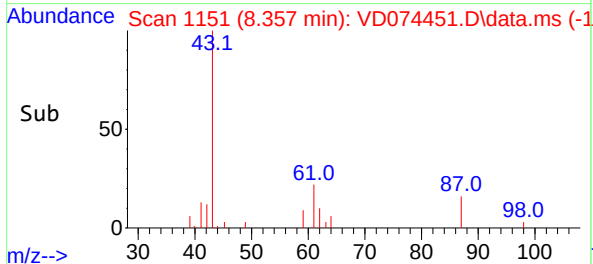
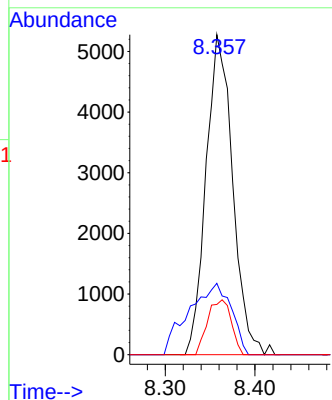
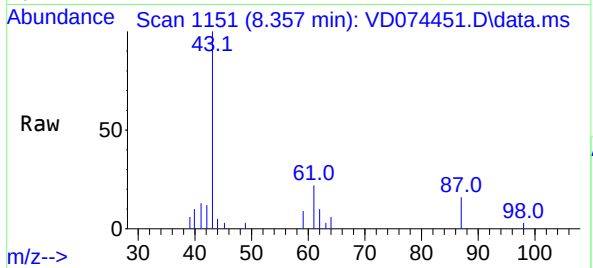




#43
Isopropyl Acetate
Concen: 10.152 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

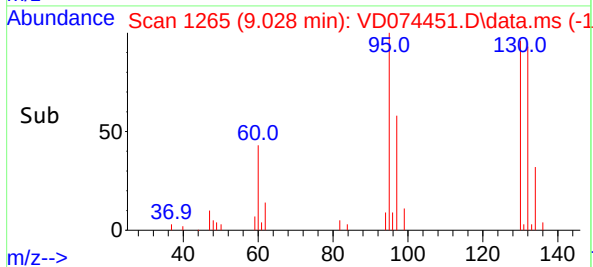
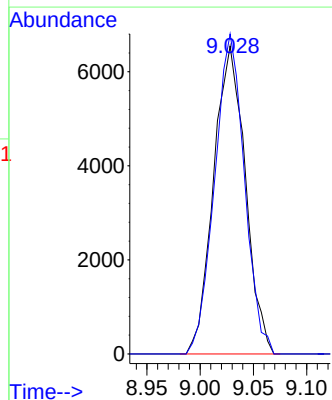
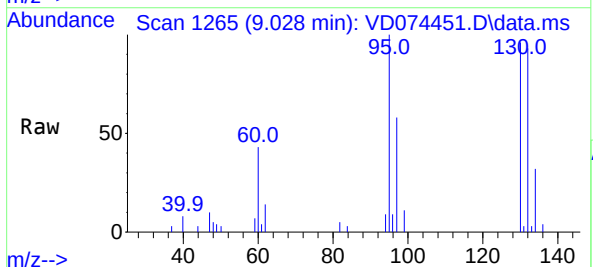
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

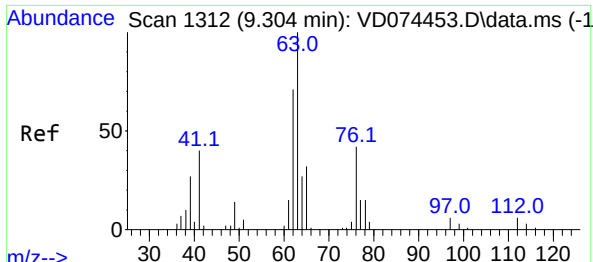
Tgt Ion:	43	Resp:	10889
Ion	Ratio	Lower	Upper
43	100		
61	35.4	30.9	46.3
87	15.2	14.3	21.5



#44
Trichloroethene
Concen: 9.112 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion:	130	Resp:	13563
Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	185.4





#45

1,2-Dichloropropane

Concen: 10.036 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

Instrument :

MSVOA_D

ClientSampleId :

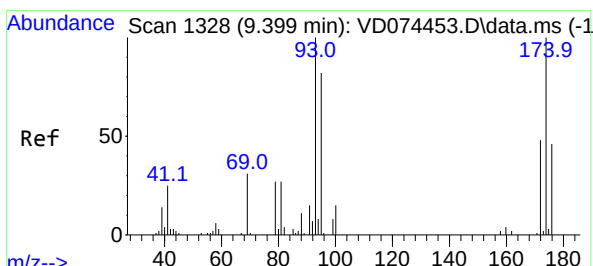
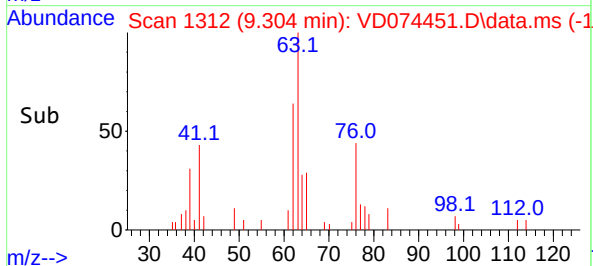
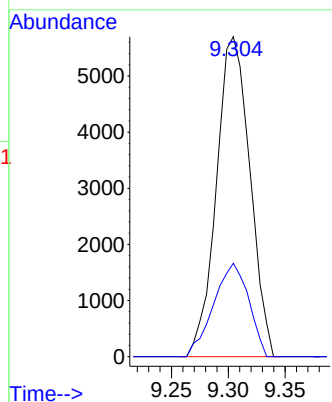
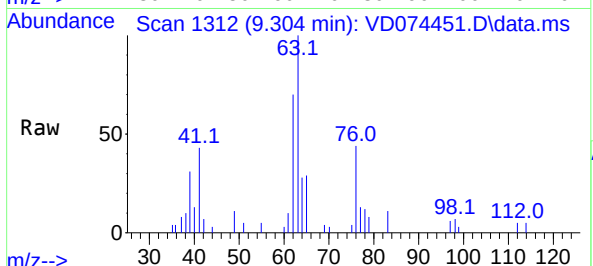
VSTDICC010

Tgt Ion: 63 Resp: 11688

Ion Ratio Lower Upper

63 100

65 29.2 23.1 34.7



#46

Dibromomethane

Concen: 9.222 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

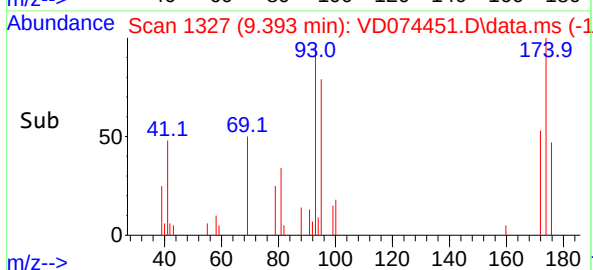
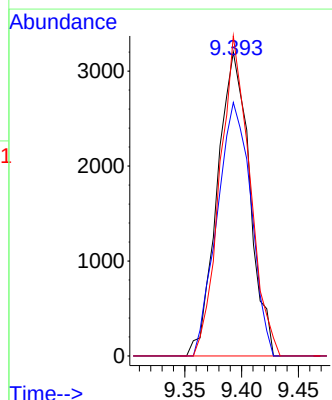
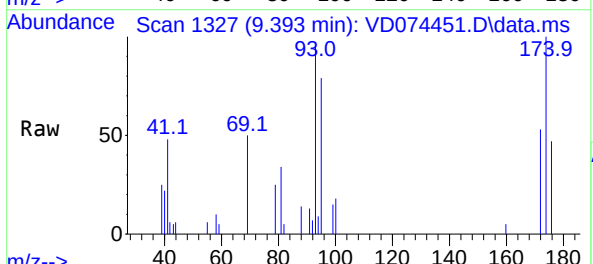
Tgt Ion: 93 Resp: 6318

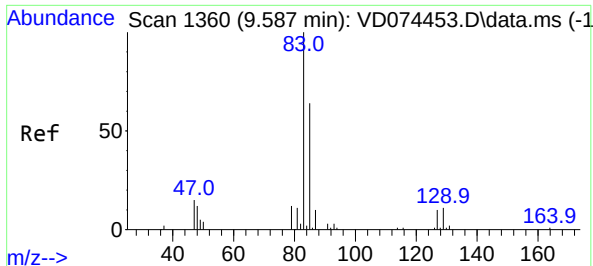
Ion Ratio Lower Upper

93 100

95 87.4 68.2 102.2

174 98.0 87.4 131.0

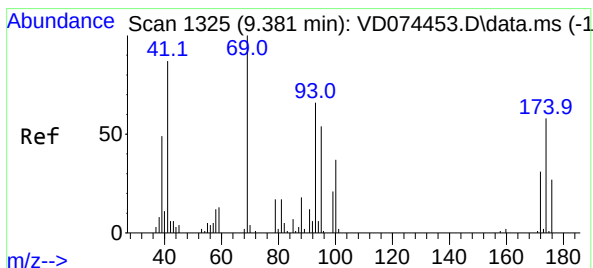
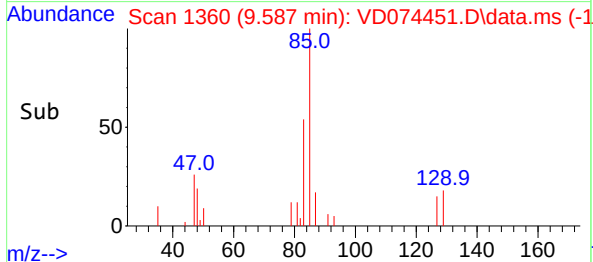
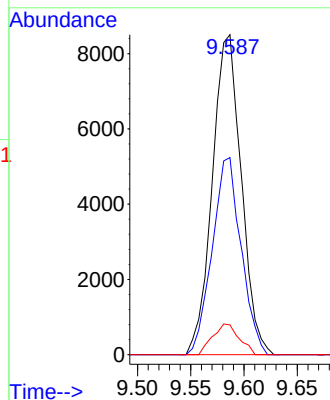
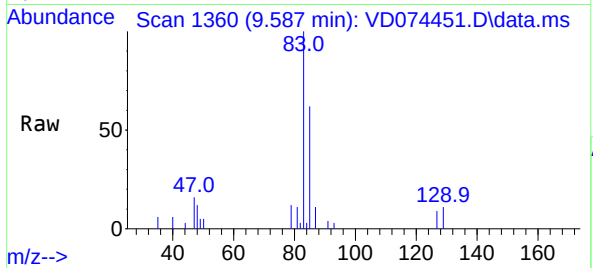




#47
Bromodichloromethane
Concen: 9.167 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

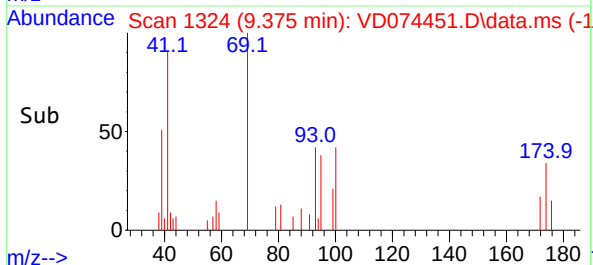
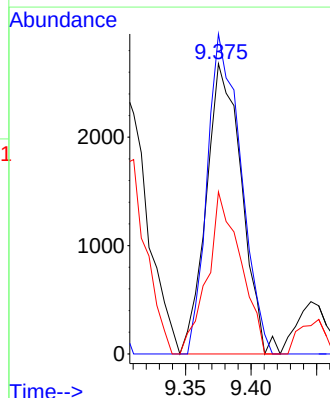
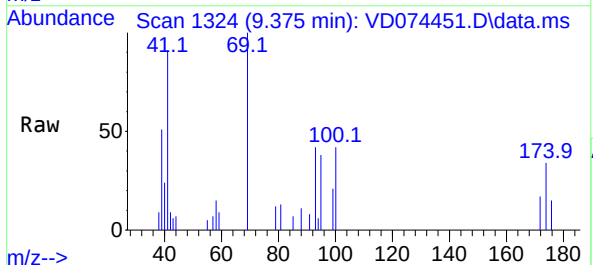
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

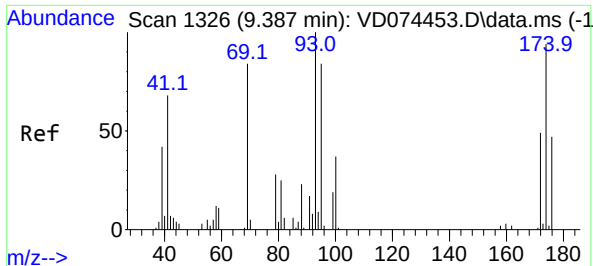
Tgt Ion:	83	Resp:	16066
Ion	Ratio	Lower	Upper
83	100		
85	61.6	48.8	73.2
127	9.3	6.7	10.1



#48
Methyl methacrylate
Concen: 10.515 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion:	41	Resp:	5030
Ion	Ratio	Lower	Upper
41	100		
69	104.8	93.0	139.4
39	52.3	44.6	66.8





#49

1,4-Dioxane

Concen: 184.510 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

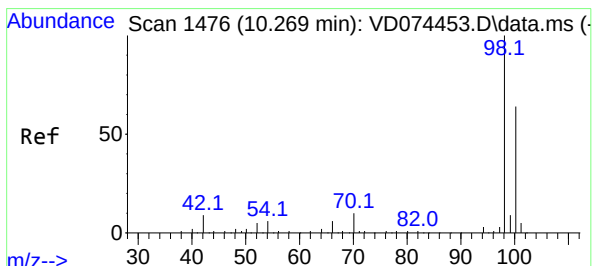
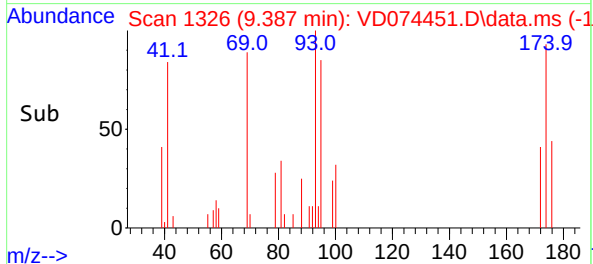
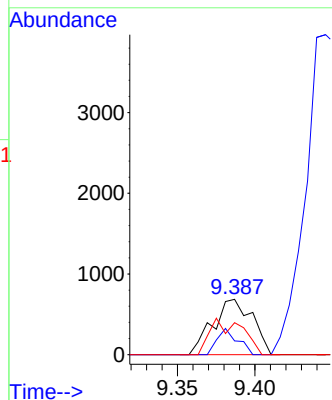
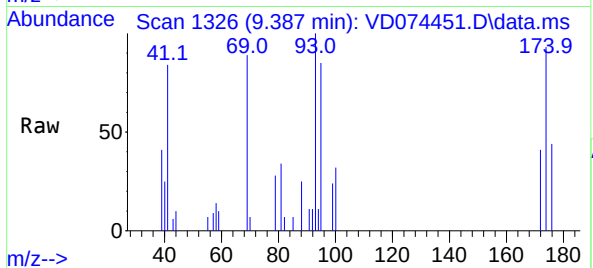
Tgt Ion: 88 Resp: 1221

Ion Ratio Lower Upper

88 100

43 24.3 24.1 36.1

58 53.4 43.1 64.7



#50

Toluene-d8

Concen: 7.637 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074451.D

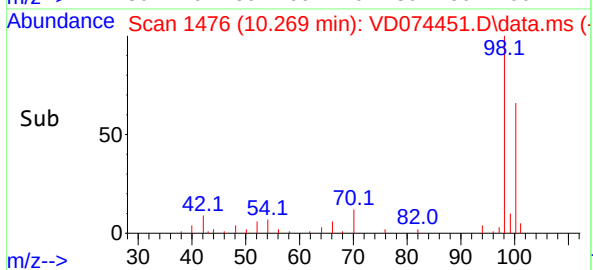
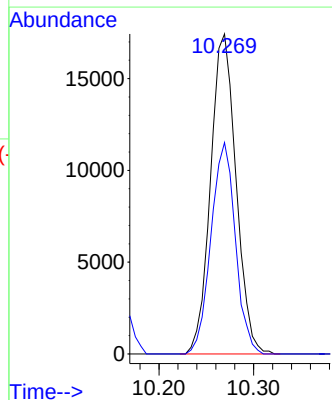
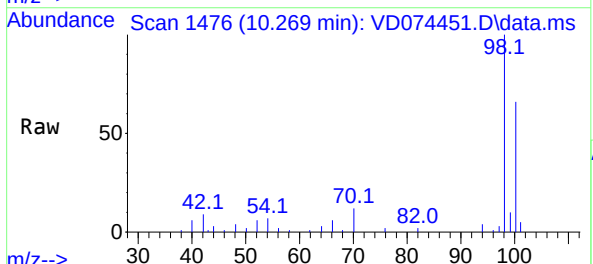
Acq: 05 Oct 2022 13:50

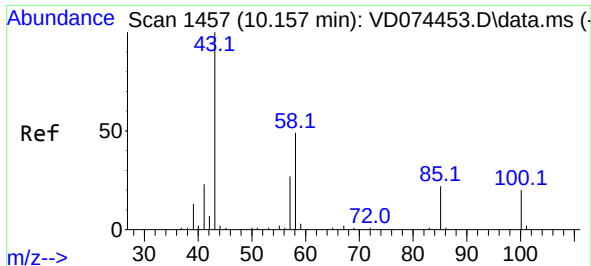
Tgt Ion: 98 Resp: 32613

Ion Ratio Lower Upper

98 100

100 63.1 51.4 77.0

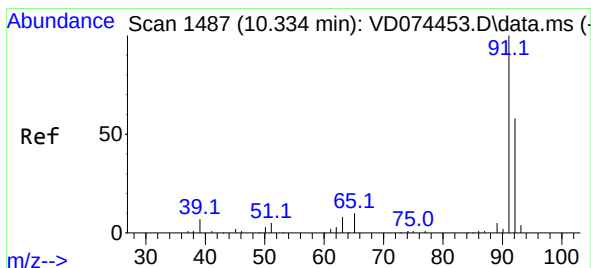
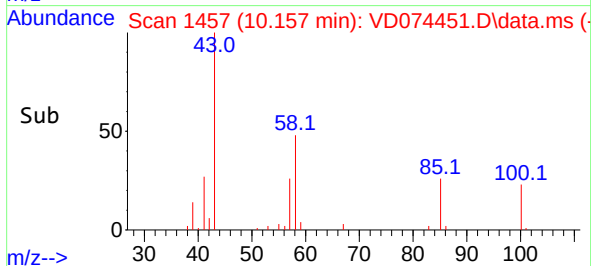
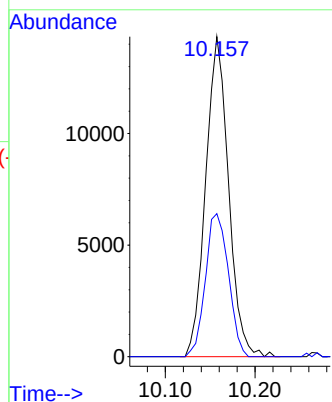
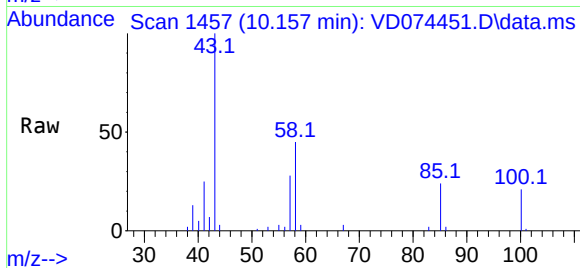




#51
4-Methyl-2-Pentanone
Concen: 45.873 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

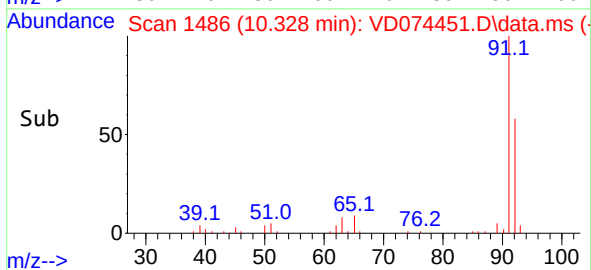
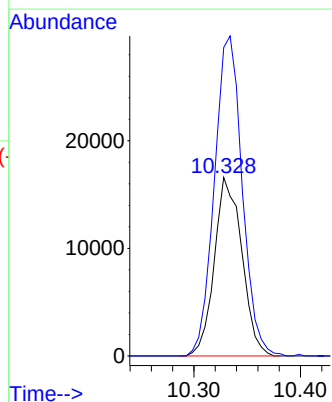
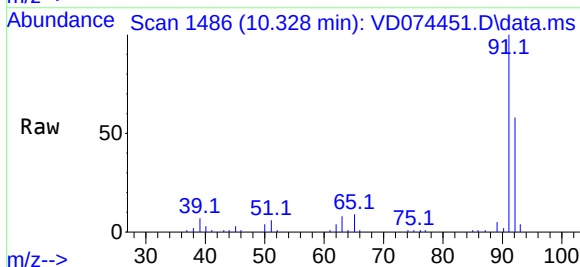
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

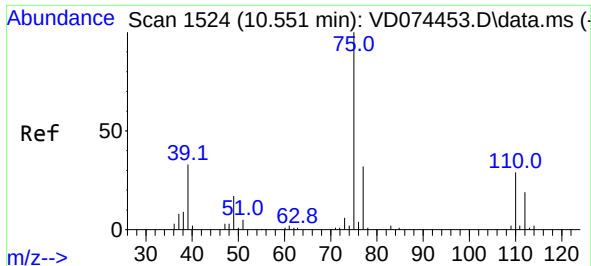
Tgt Ion: 43 Resp: 25360
Ion Ratio Lower Upper
43 100
58 45.0 37.8 56.6



#52
Toluene
Concen: 9.265 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 92 Resp: 29675
Ion Ratio Lower Upper
92 100
91 181.9 139.0 208.4

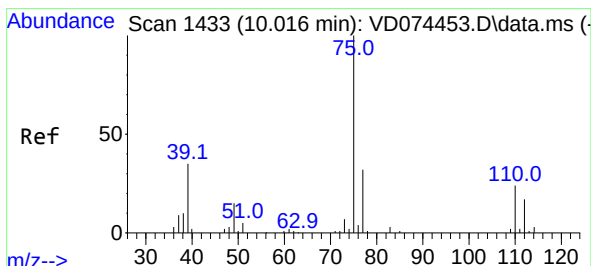
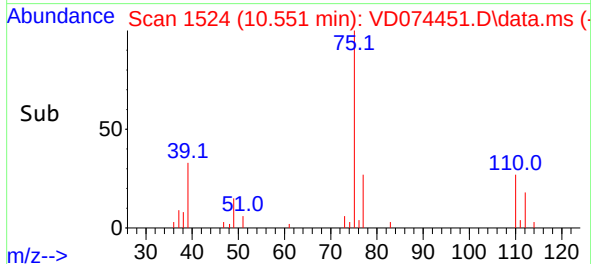
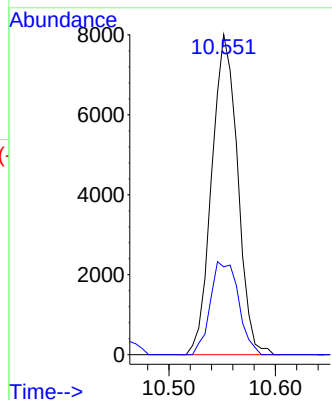
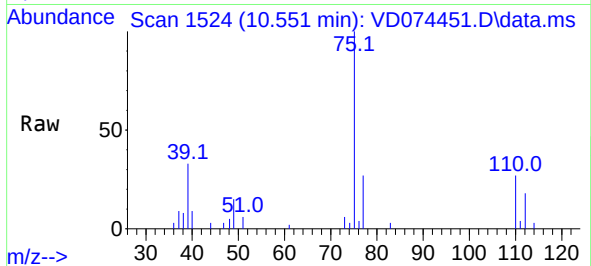




#53
t-1,3-Dichloropropene
Concen: 9.026 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

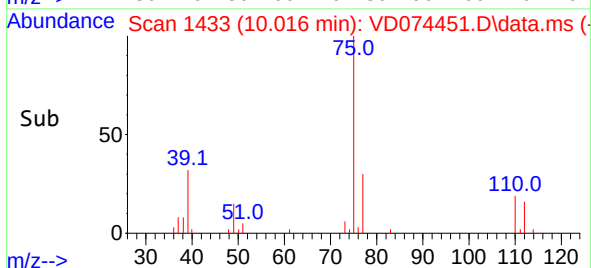
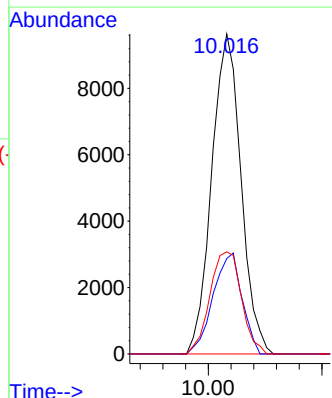
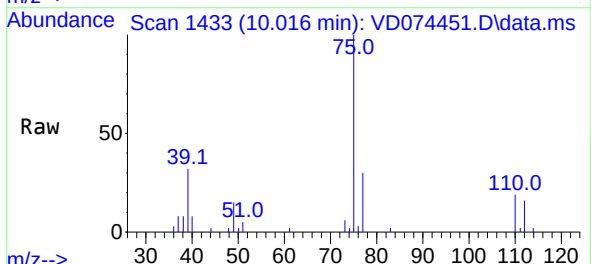
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

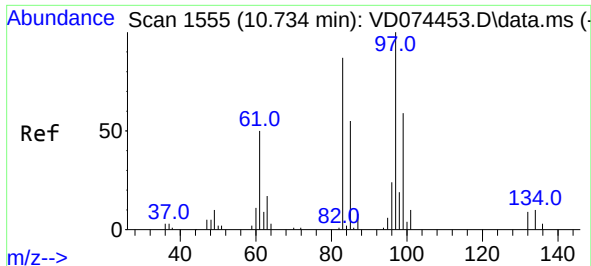
Tgt Ion: 75 Resp: 13489
Ion Ratio Lower Upper
75 100
77 27.5 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 9.157 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 75 Resp: 17259
Ion Ratio Lower Upper
75 100
77 29.8 24.7 37.1
39 31.9 25.4 38.2



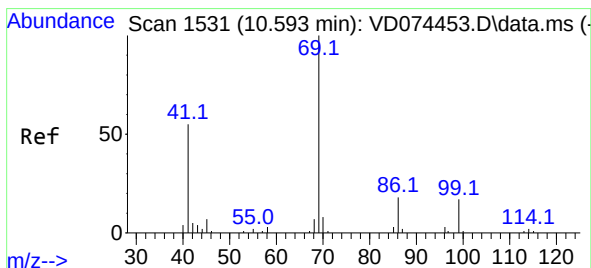
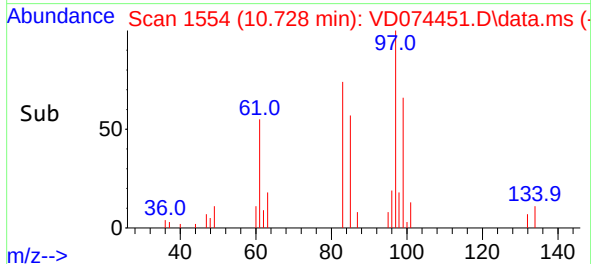
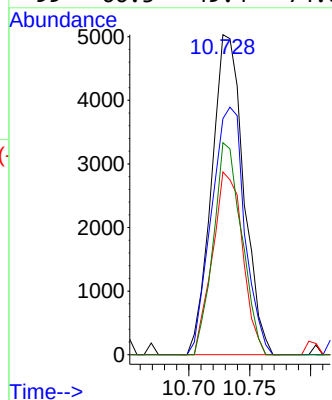
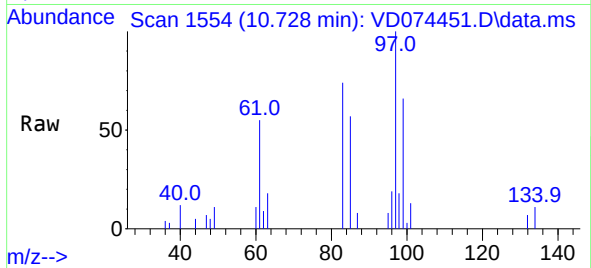


#55
1,1,2-Trichloroethane
Concen: 9.707 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 97 Resp: 9212

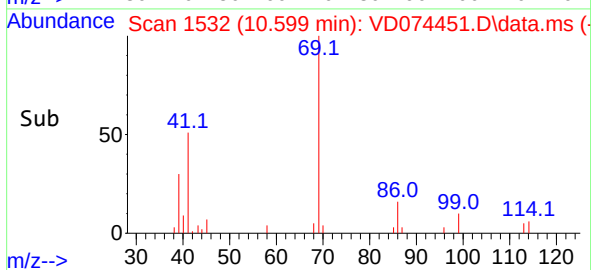
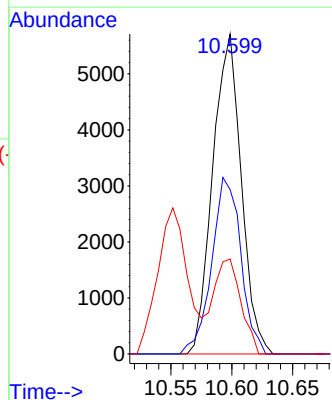
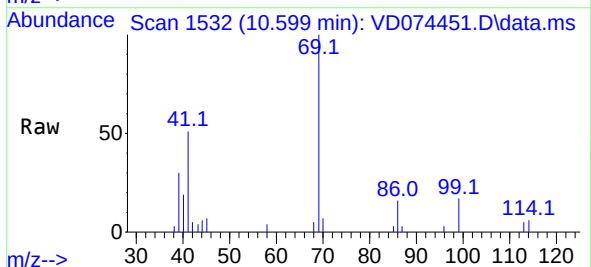
Ion	Ratio	Lower	Upper
97	100		
83	73.8	64.8	97.2
85	57.1	44.8	67.2
99	66.3	49.4	74.0

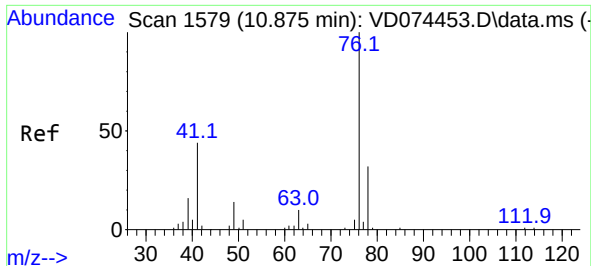


#56
Ethyl methacrylate
Concen: 8.626 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 69 Resp: 9289

Ion	Ratio	Lower	Upper
69	100		
41	56.4	38.6	58.0
39	28.9	19.9	29.9





#57

1,3-Dichloropropane

Concen: 8.946 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

Instrument :

MSVOA_D

ClientSampleId :

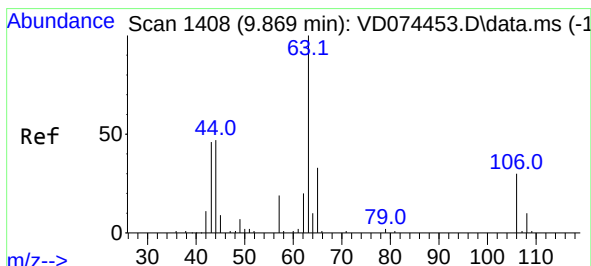
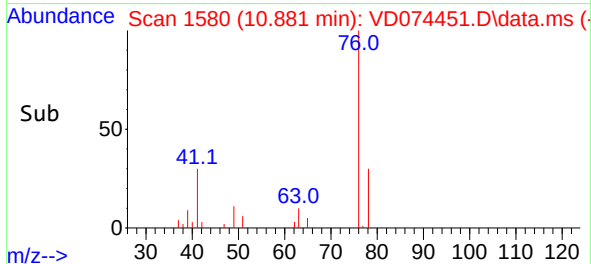
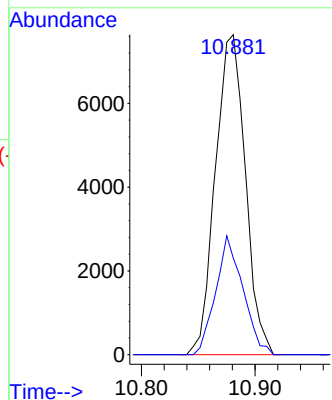
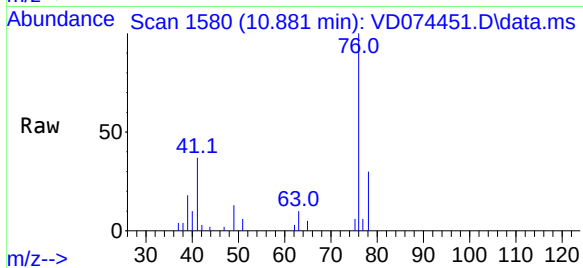
VSTDIC010

Tgt Ion: 76 Resp: 14011

Ion Ratio Lower Upper

76 100

78 33.7 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 36.777 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD074451.D

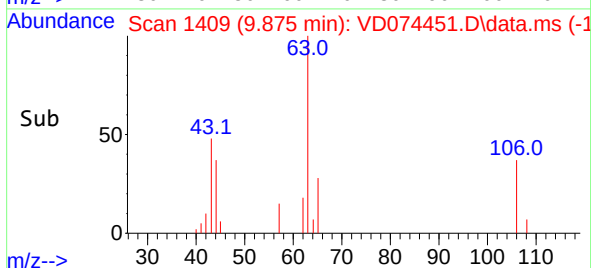
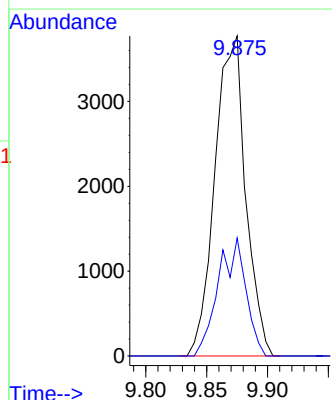
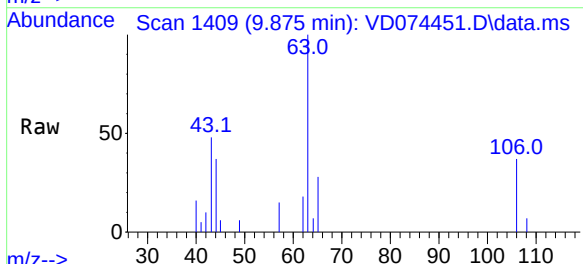
Acq: 05 Oct 2022 13:50

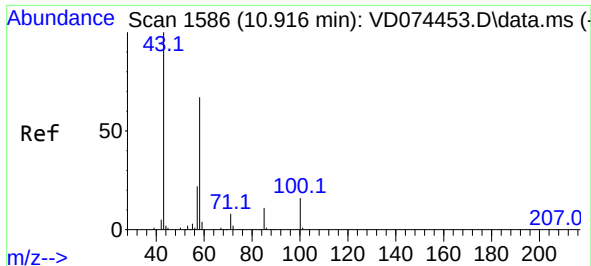
Tgt Ion: 63 Resp: 6624

Ion Ratio Lower Upper

63 100

106 33.2 26.5 39.7

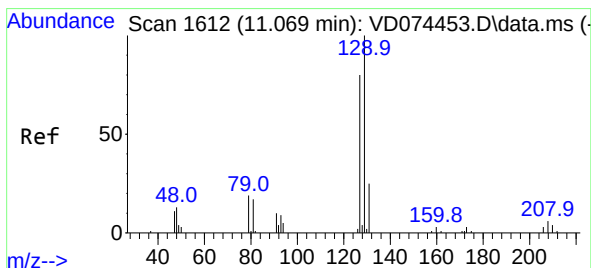
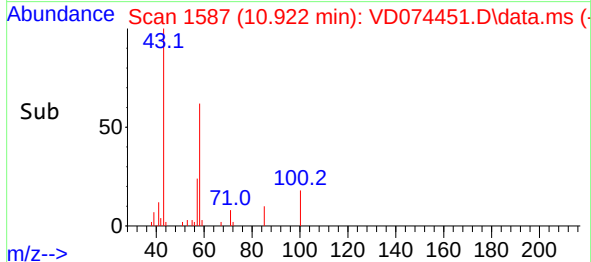
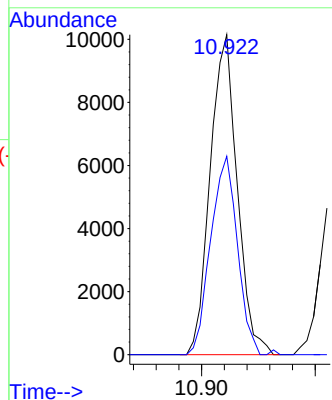
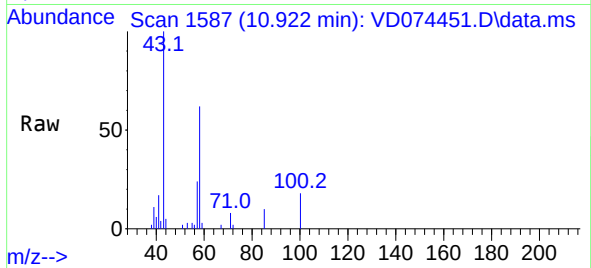




#59
2-Hexanone
Concen: 44.311 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

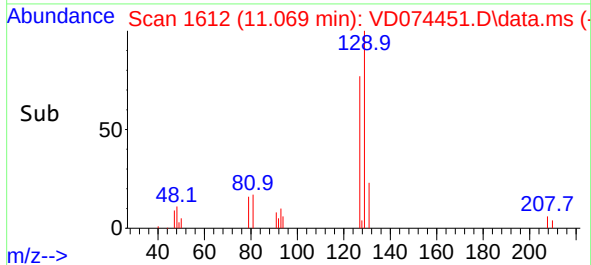
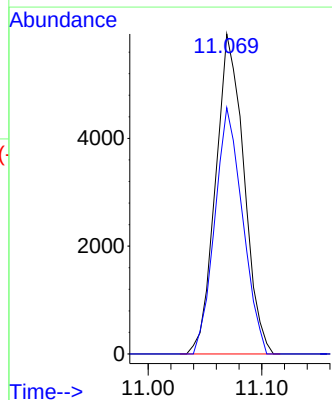
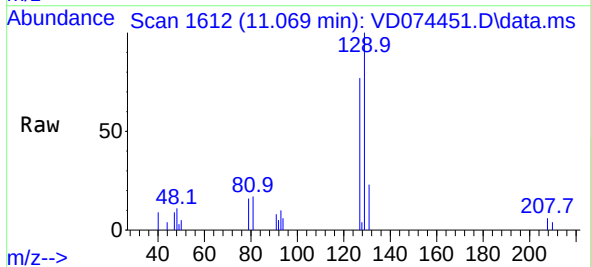
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

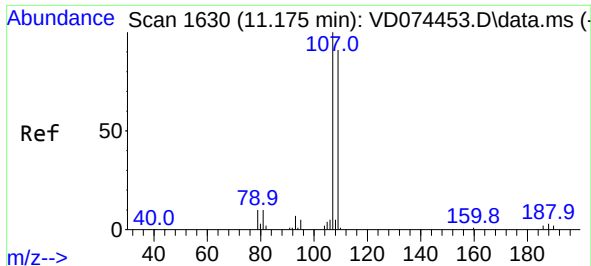
Tgt Ion: 43 Resp: 16763
Ion Ratio Lower Upper
43 100
58 61.3 32.0 96.2



#60
Dibromochloromethane
Concen: 8.703 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 129 Resp: 10271
Ion Ratio Lower Upper
129 100
127 75.7 39.1 117.2

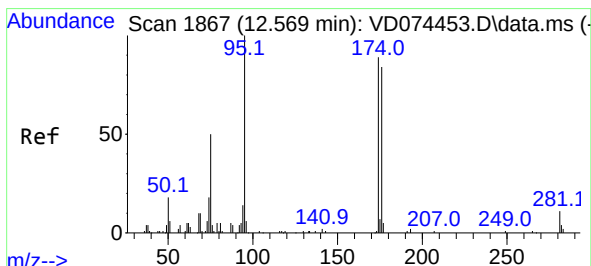
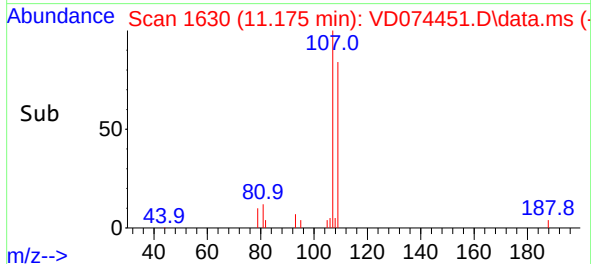
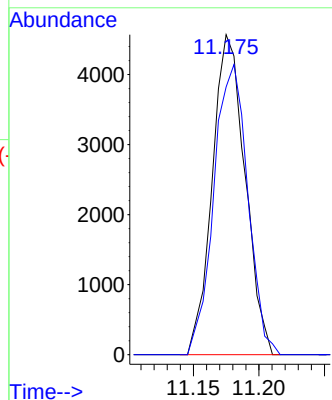
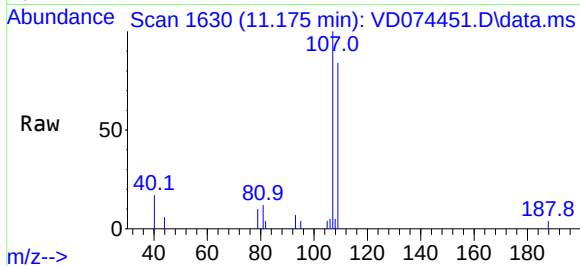




#61
1,2-Dibromoethane
Concen: 8.585 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

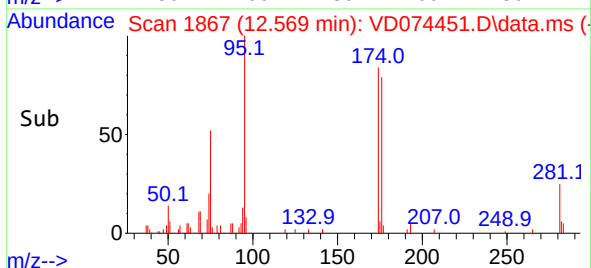
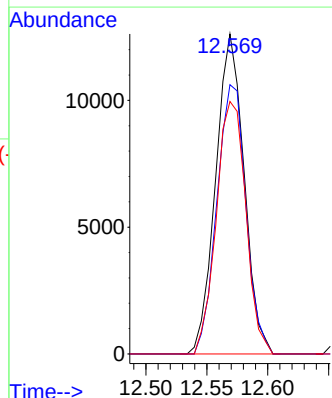
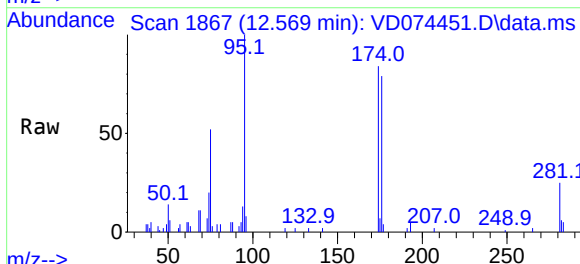
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

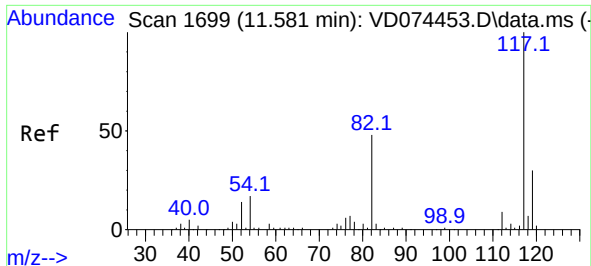
Tgt Ion:107 Resp: 7939
Ion Ratio Lower Upper
107 100
109 93.7 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 12.170 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 95 Resp: 20436
Ion Ratio Lower Upper
95 100
174 86.0 0.0 197.0
176 82.1 0.0 182.6

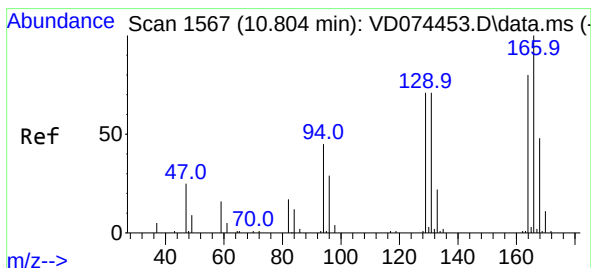
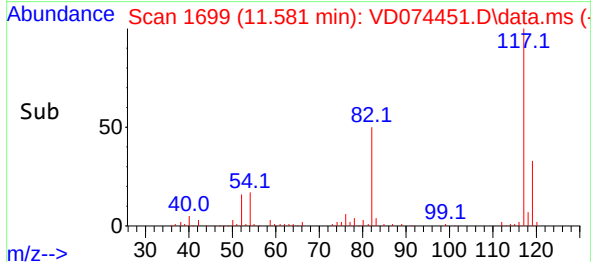
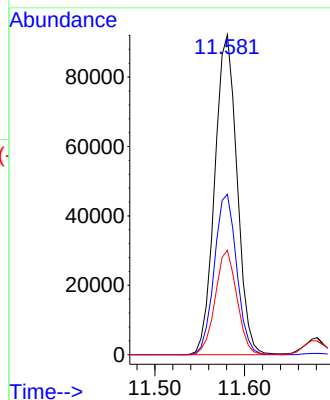
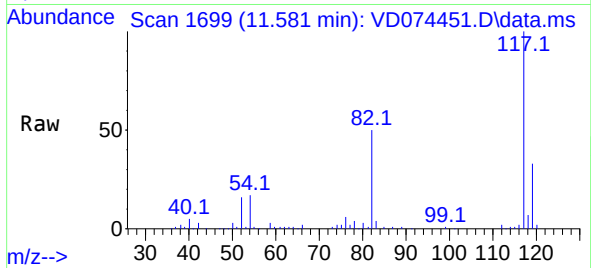




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

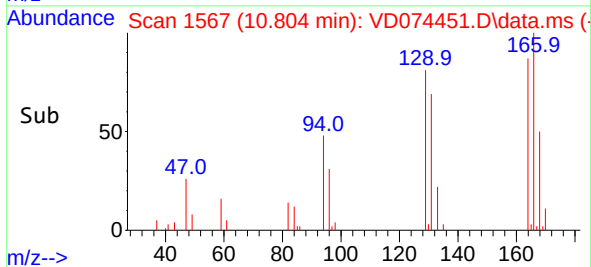
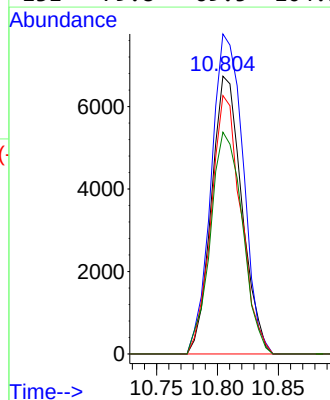
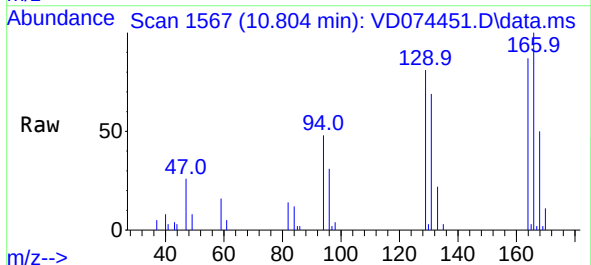
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

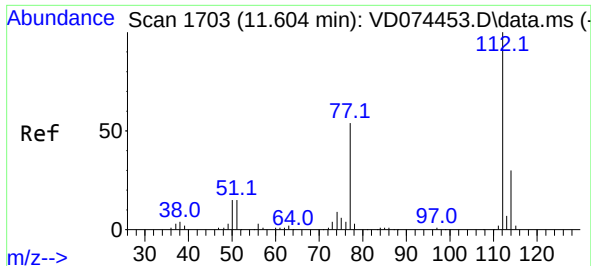
Tgt Ion:117 Resp: 159338
Ion Ratio Lower Upper
117 100
82 50.2 41.6 62.4
119 32.7 25.2 37.8



#64
Tetrachloroethene
Concen: 9.535 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion:164 Resp: 11702
Ion Ratio Lower Upper
164 100
166 115.2 107.8 161.8
129 93.0 77.4 116.2
131 79.8 69.5 104.3

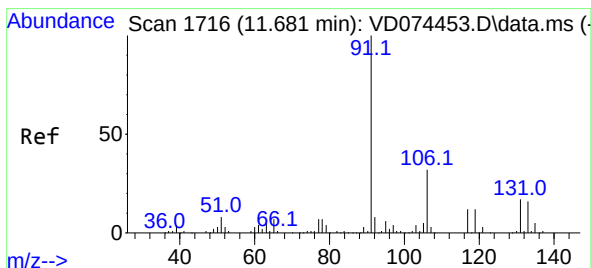
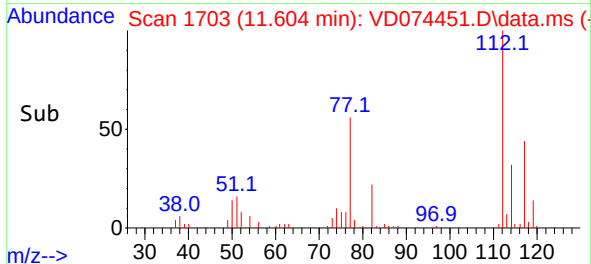
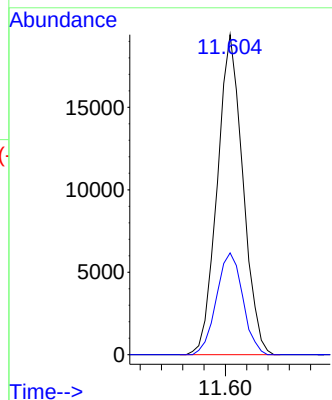
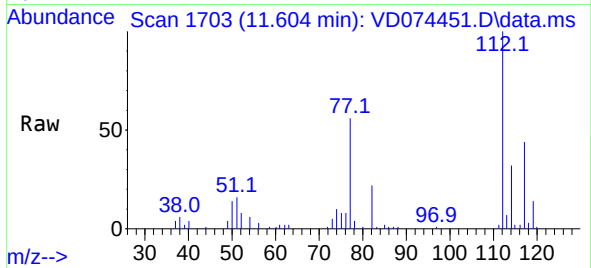




#65
Chlorobenzene
Concen: 9.495 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

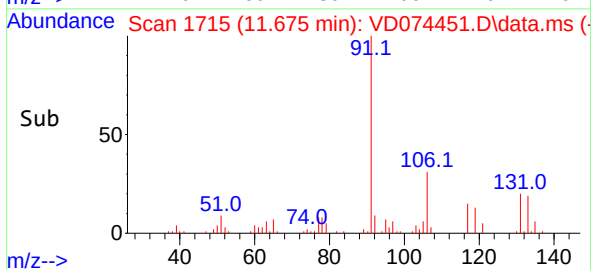
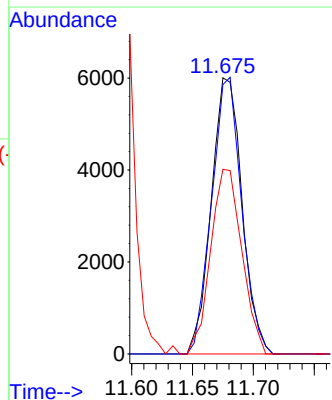
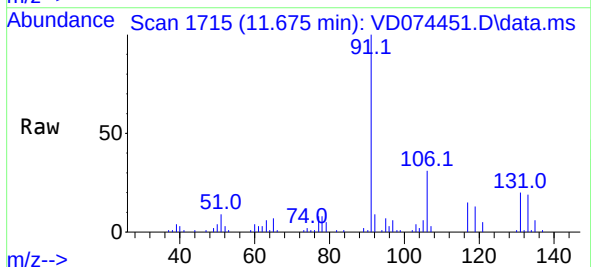
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

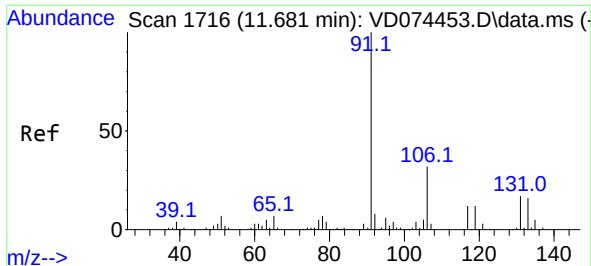
Tgt Ion:112 Resp: 32357
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 8.673 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion:131 Resp: 10544
Ion Ratio Lower Upper
131 100
133 97.8 46.6 139.8
119 67.9 32.5 97.4

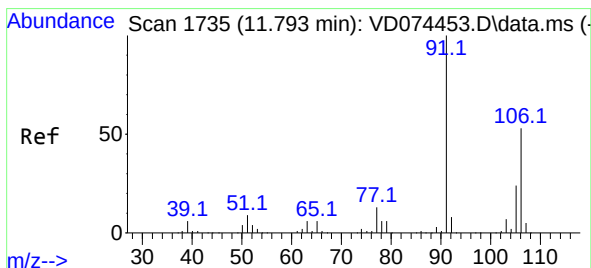
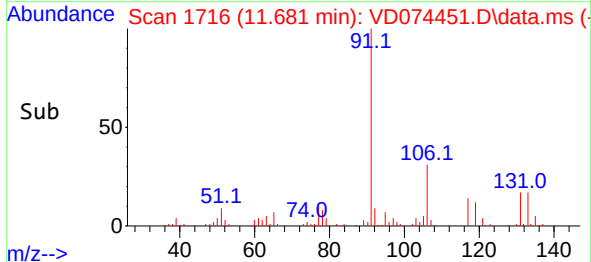
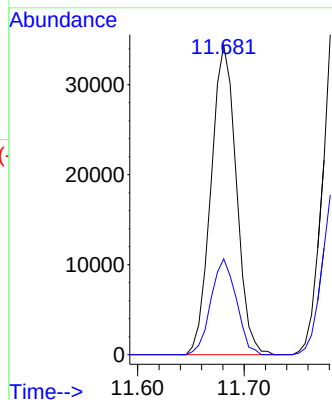
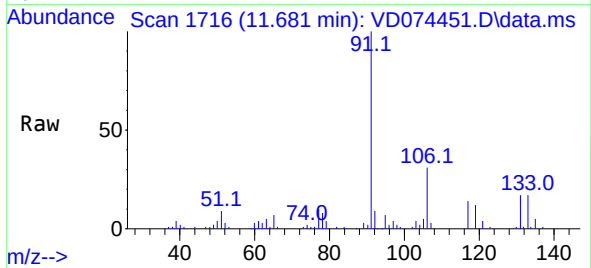




#67
Ethyl Benzene
Concen: 9.428 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

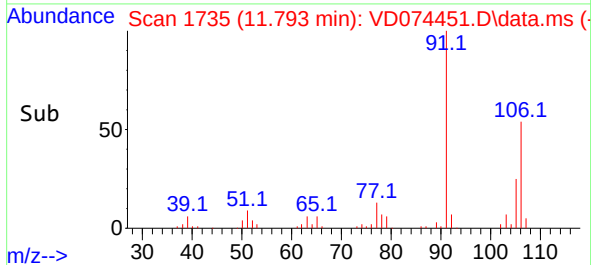
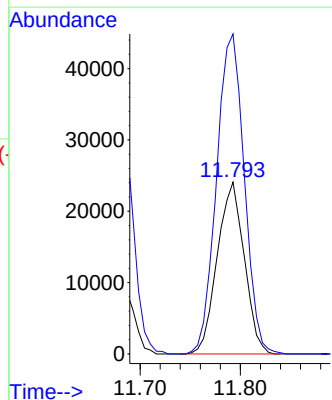
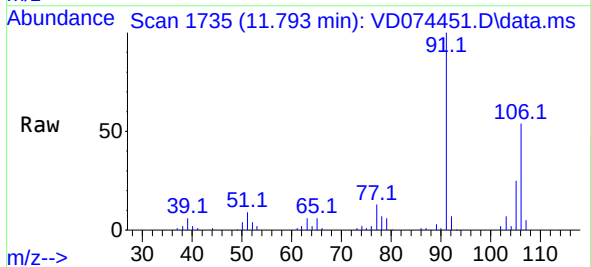
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

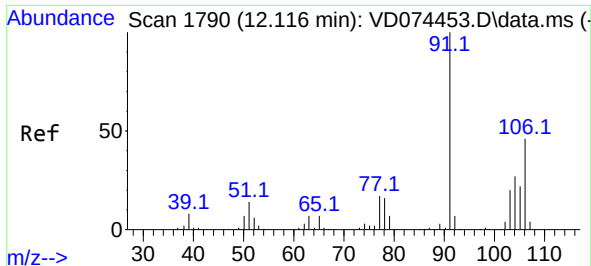
Tgt Ion: 91 Resp: 56805
Ion Ratio Lower Upper
91 100
106 30.9 26.6 40.0



#68
m/p-Xylenes
Concen: 19.043 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 106 Resp: 45029
Ion Ratio Lower Upper
106 100
91 191.4 156.2 234.4

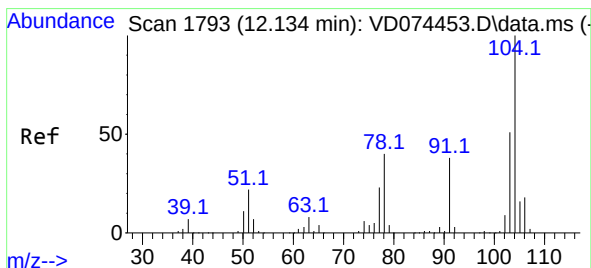
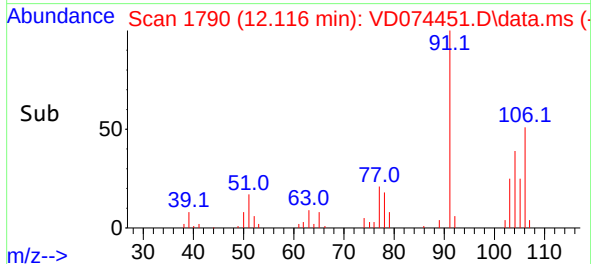
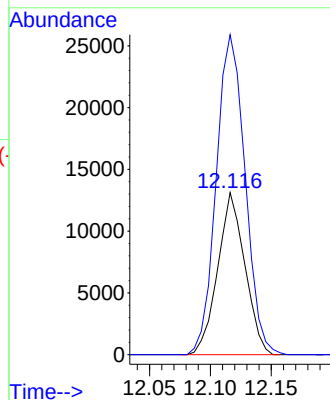
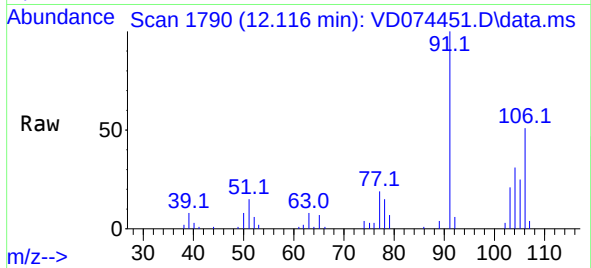




#69
o-Xylene
Concen: 9.323 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

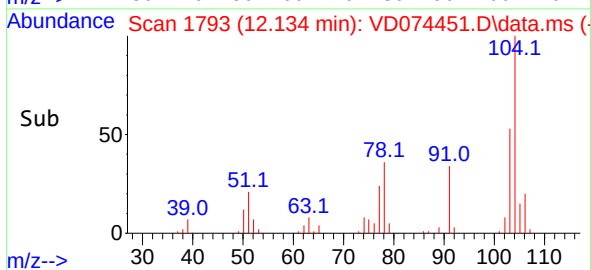
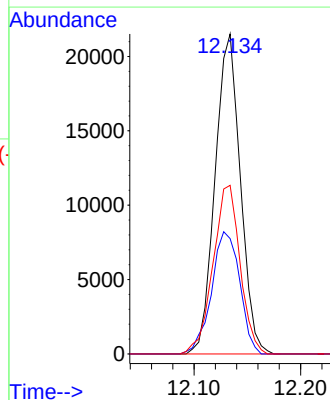
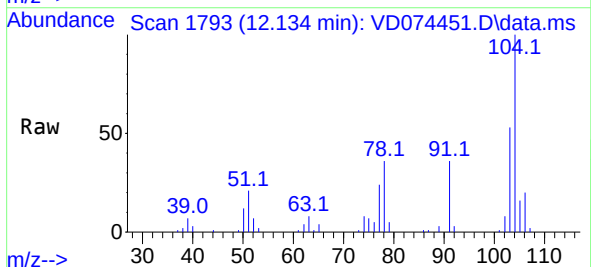
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

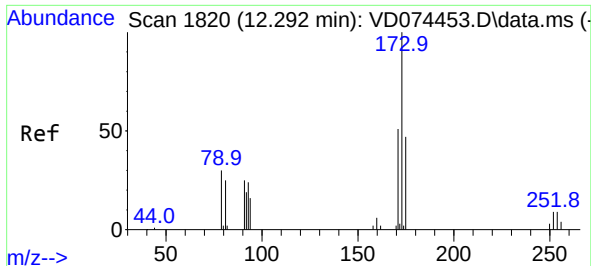
Tgt Ion:106 Resp: 20347
Ion Ratio Lower Upper
106 100
91 209.8 104.5 313.3



#70
Styrene
Concen: 9.316 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion:104 Resp: 35374
Ion Ratio Lower Upper
104 100
78 42.7 35.7 53.5
103 56.5 43.7 65.5

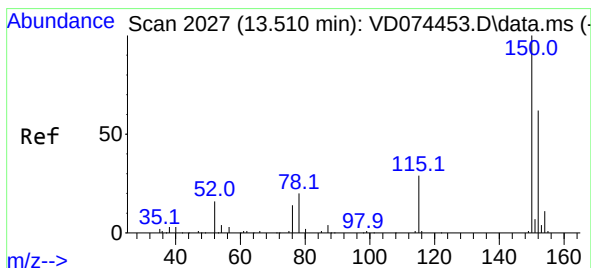
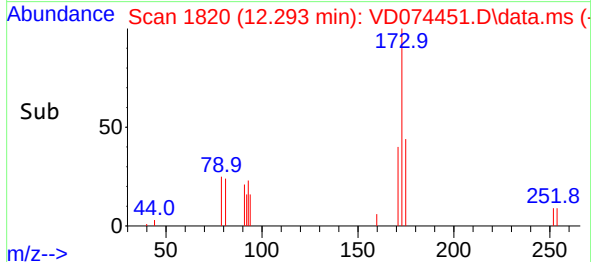
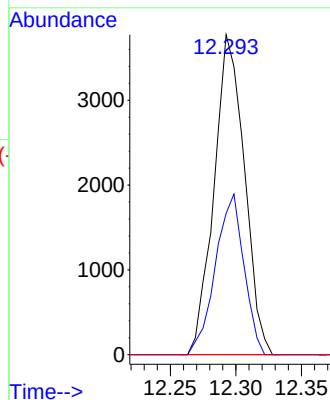
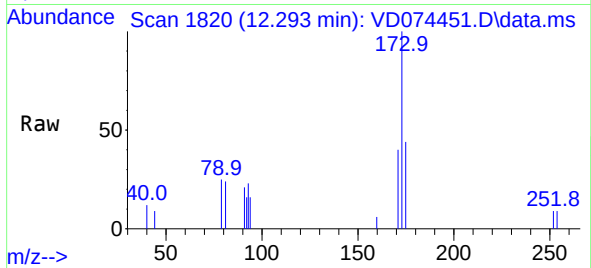




#71
Bromoform
Concen: 9.143 ug/l
RT: 12.293 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

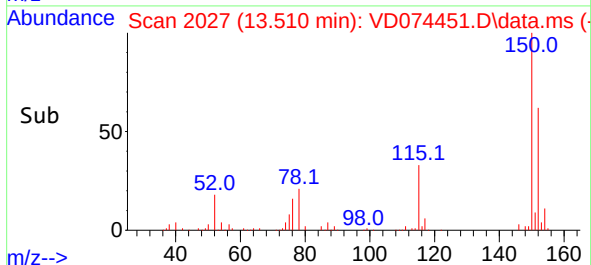
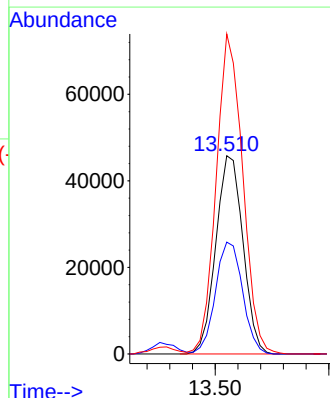
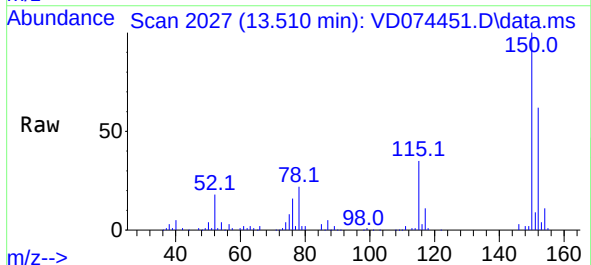
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

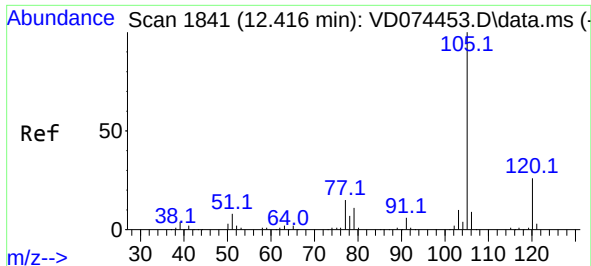
Tgt Ion:173 Resp: 6075
Ion Ratio Lower Upper
173 100
175 47.1 23.1 69.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion:152 Resp: 76044
Ion Ratio Lower Upper
152 100
115 56.5 26.8 80.4
150 157.9 0.0 348.2

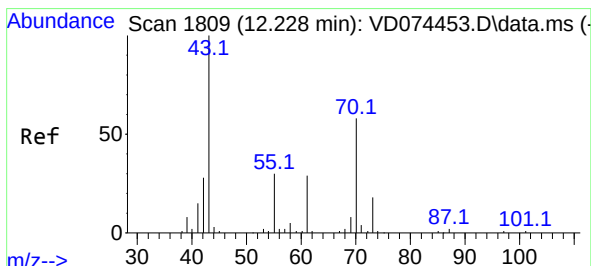
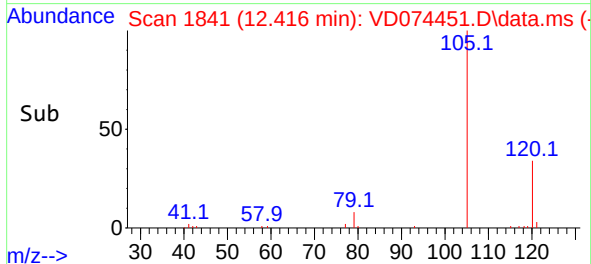
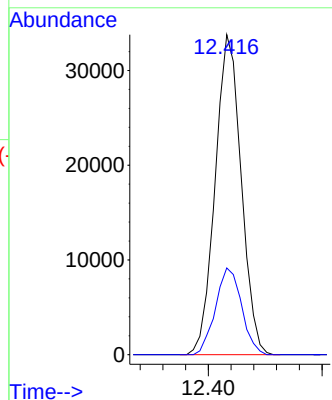
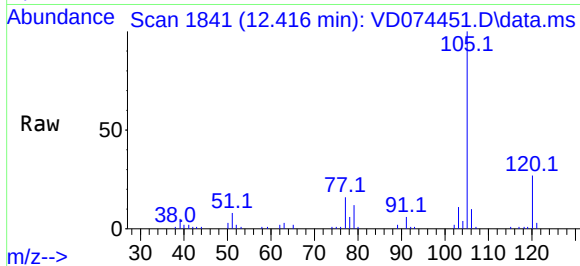




#73
Isopropylbenzene
Concen: 9.468 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

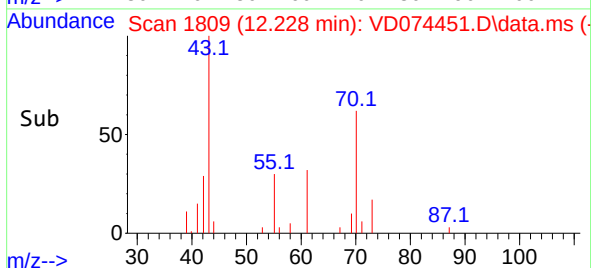
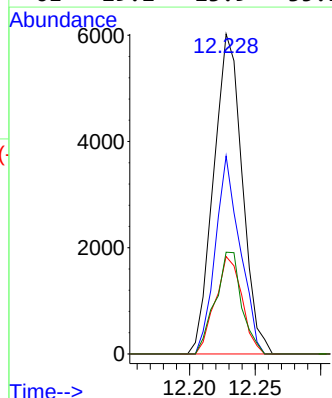
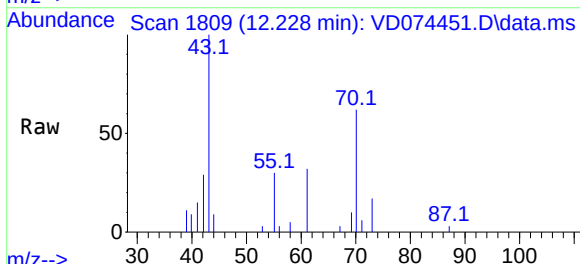
Instrument :
MSVOA_D
ClientSampleId :
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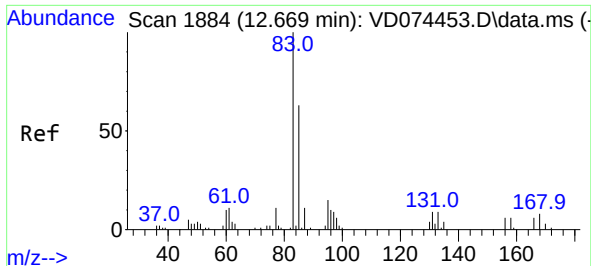
Tgt Ion:105 Resp: 53650
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4



#74
N-ethyl acetate
Concen: 10.046 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 43 Resp: 9139
Ion Ratio Lower Upper
43 100
70 53.4 43.8 65.6
55 28.3 22.0 33.0
61 29.2 23.9 35.9

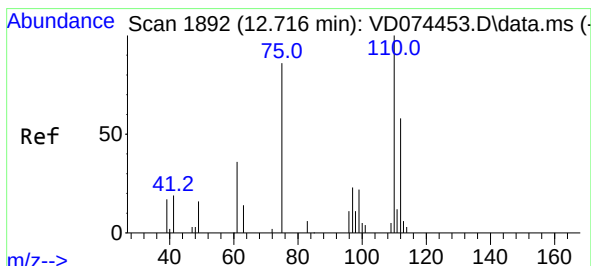
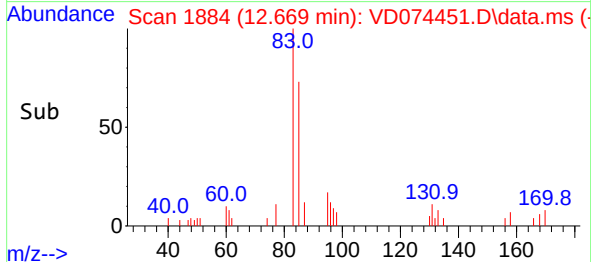
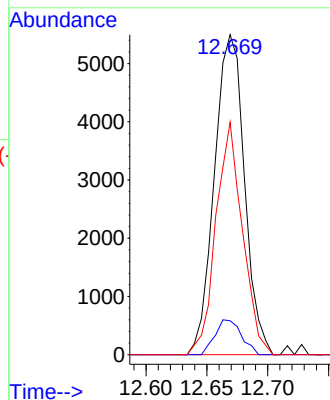
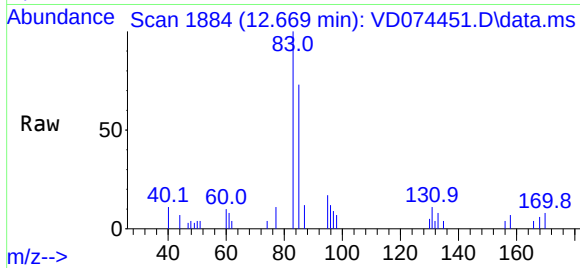




#75
1,1,2,2-Tetrachloroethane
Concen: 9.599 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

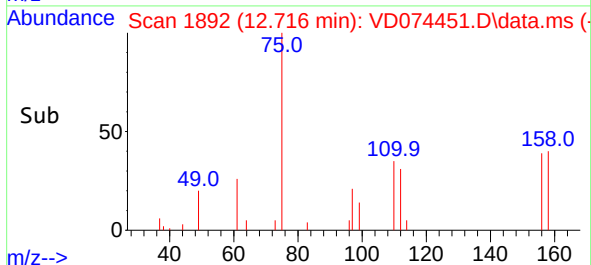
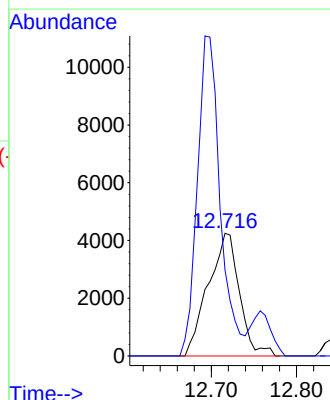
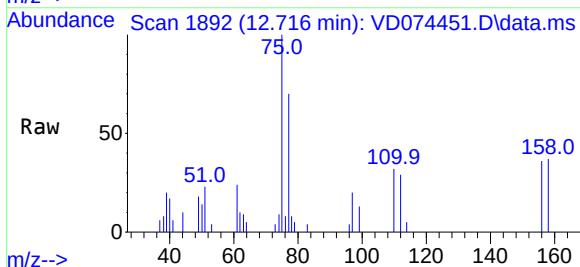
Instrument :
MSVOA_D
ClientSampleId :
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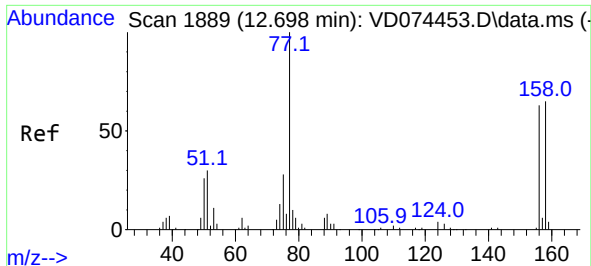
Tgt Ion: 83 Resp: 9450
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 64.3 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 18.217 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 75 Resp: 10813
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

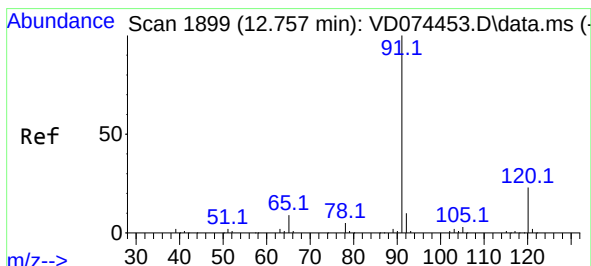
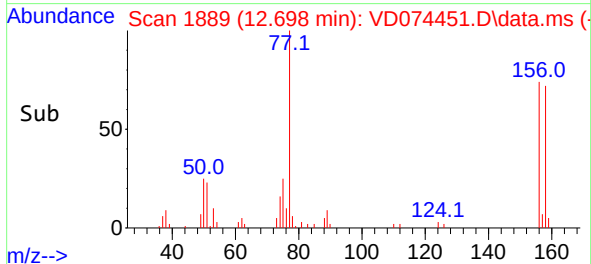
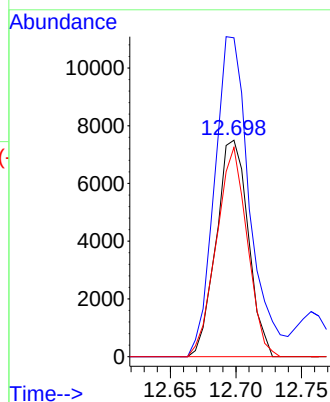
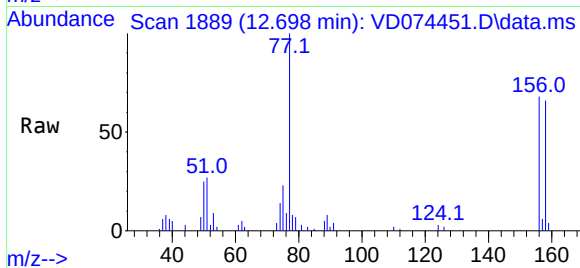




#77
Bromobenzene
Concen: 9.573 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

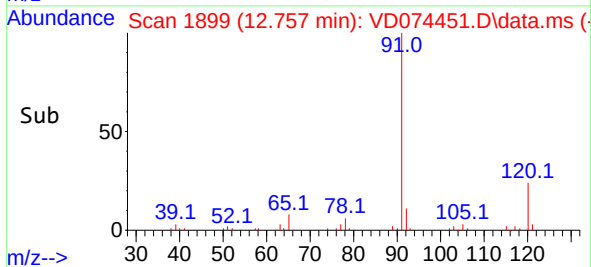
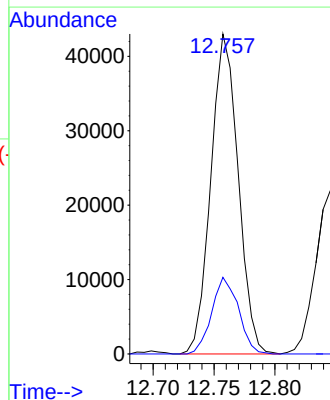
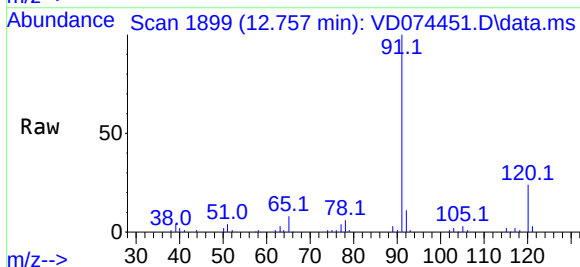
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

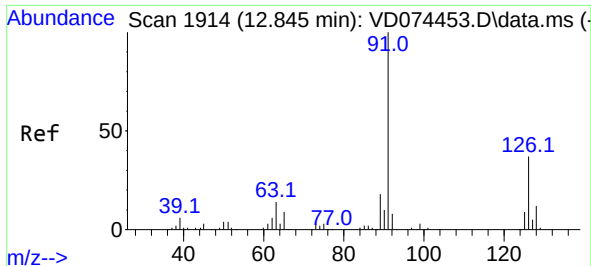
Tgt Ion:156 Resp: 12727
Ion Ratio Lower Upper
156 100
77 162.1 77.7 233.1
158 93.4 49.4 148.2



#78
n-propylbenzene
Concen: 9.813 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 91 Resp: 67195
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.7

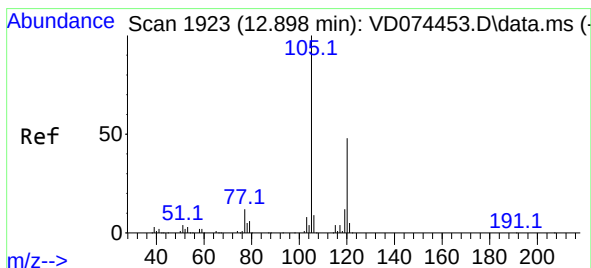
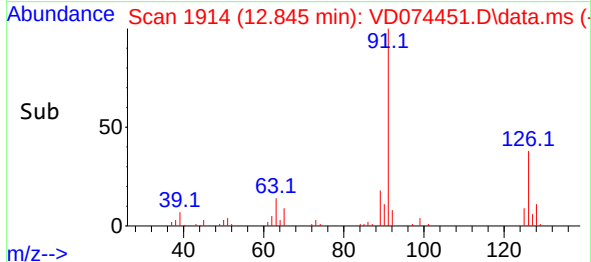
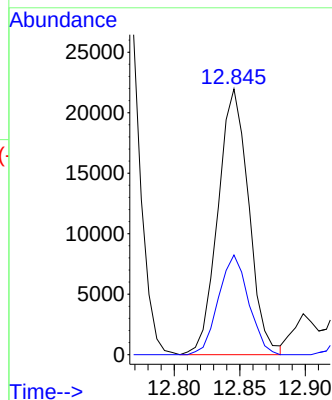
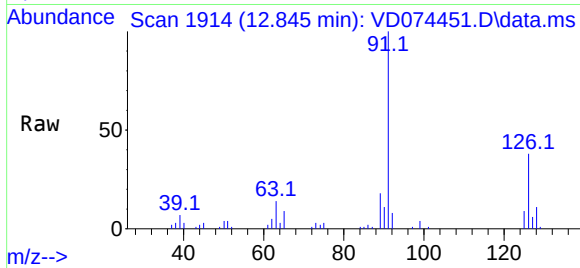




#79
2-Chlorotoluene
Concen: 9.755 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

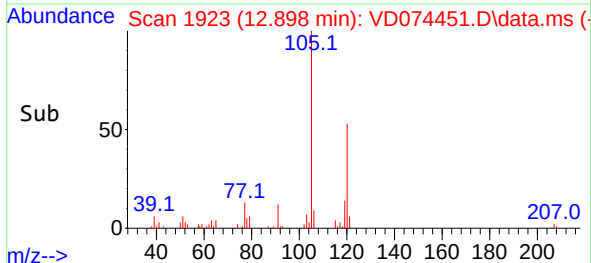
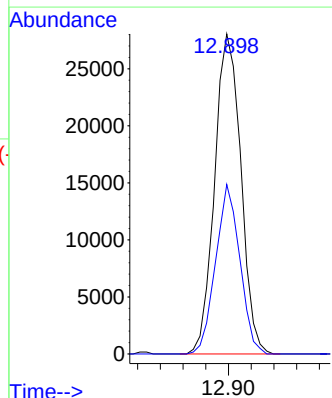
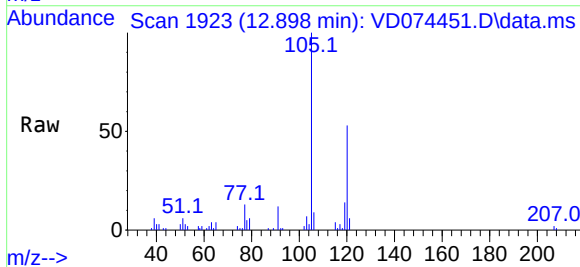
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

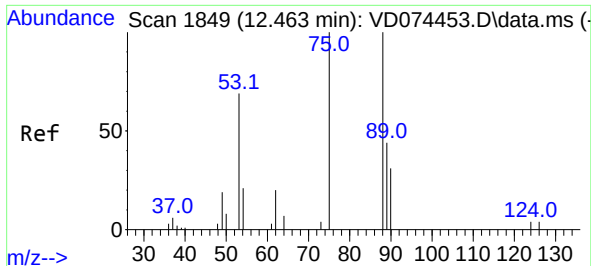
Tgt Ion: 91 Resp: 35906
Ion Ratio Lower Upper
91 100
126 36.6 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 9.583 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 105 Resp: 45029
Ion Ratio Lower Upper
105 100
120 48.8 25.7 77.0

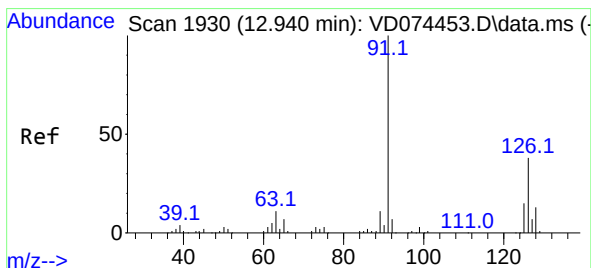
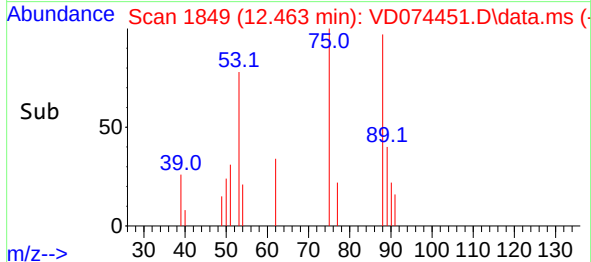
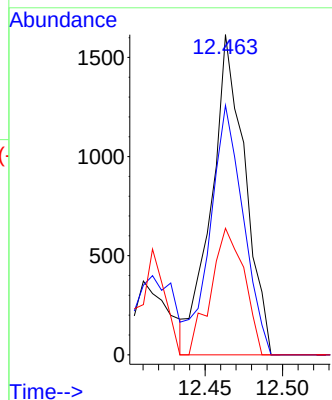
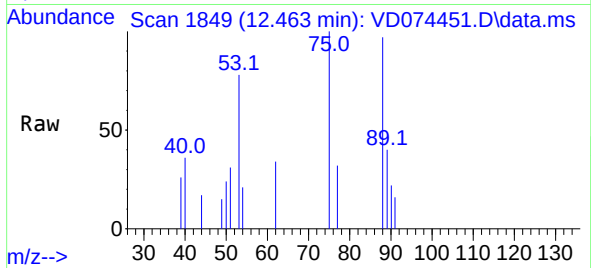




#81
trans-1,4-Dichloro-2-butene
Concen: 9.638 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

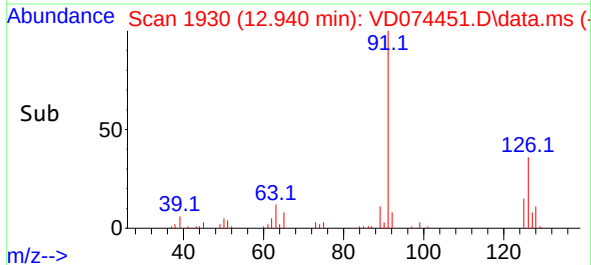
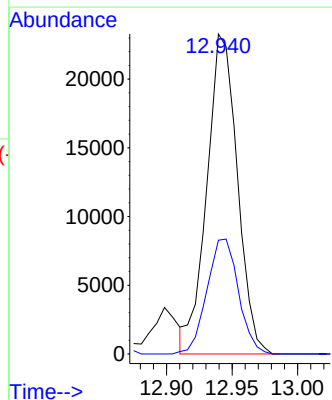
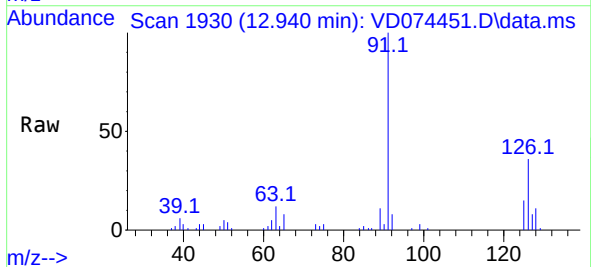
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

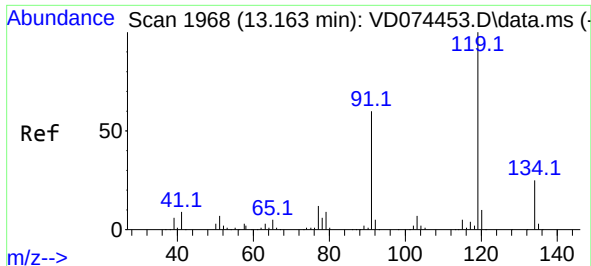
Tgt Ion: 75 Resp: 2430
Ion Ratio Lower Upper
75 100
53 74.4 63.8 95.6
89 39.1 38.2 57.4



#82
4-Chlorotoluene
Concen: 9.984 ug/l
RT: 12.940 min Scan# 1930
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion: 91 Resp: 37705
Ion Ratio Lower Upper
91 100
126 37.1 18.8 56.4

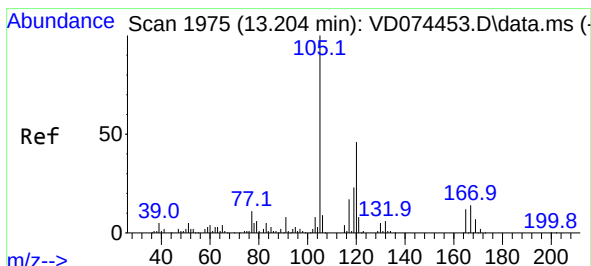
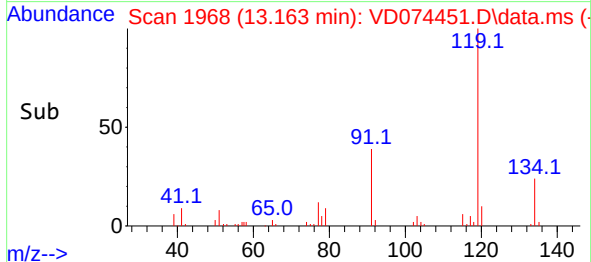
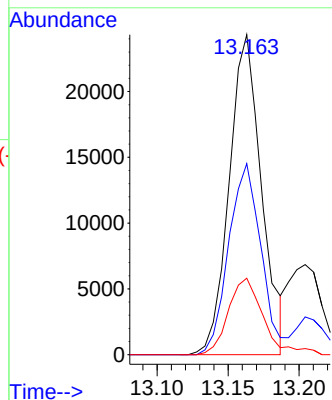
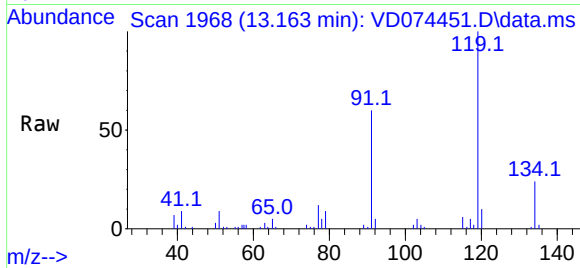




#83
tert-Butylbenzene
Concen: 9.121 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

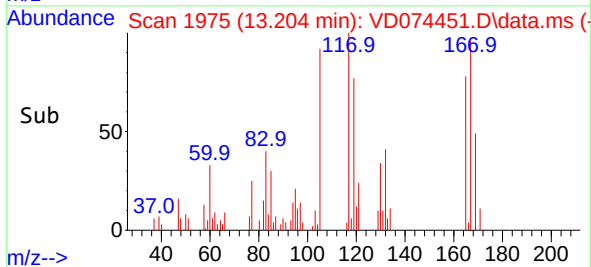
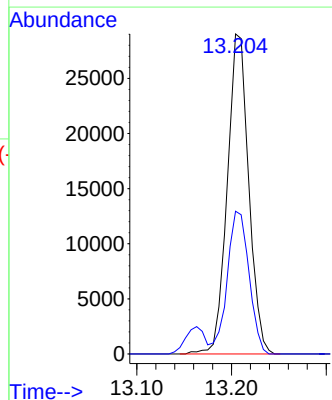
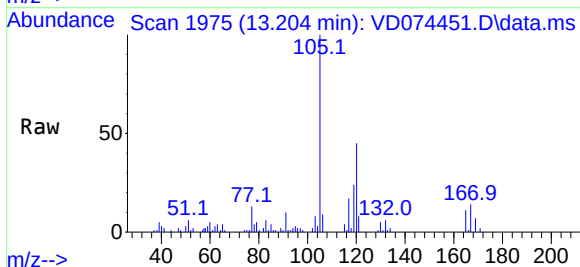
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

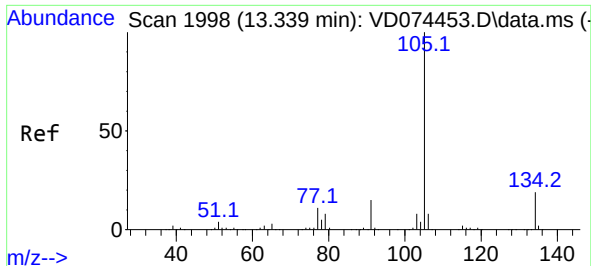
Tgt Ion:119 Resp: 38490
Ion Ratio Lower Upper
119 100
91 60.4 30.0 90.0
134 25.9 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 9.789 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion:105 Resp: 45649
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.7

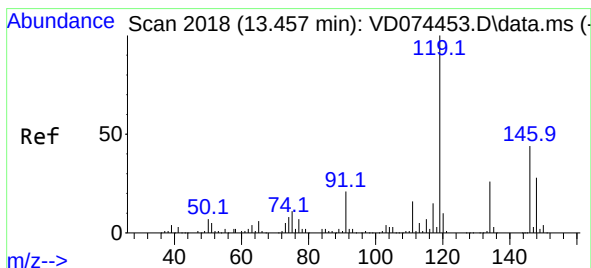
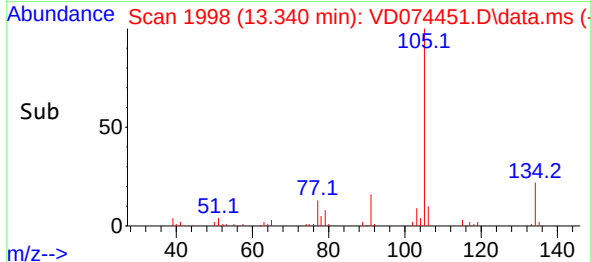
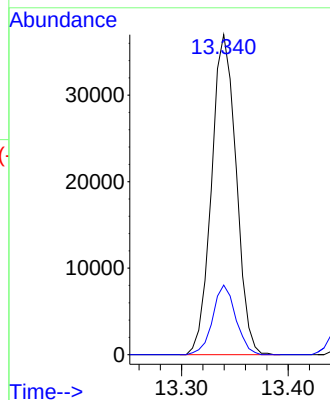
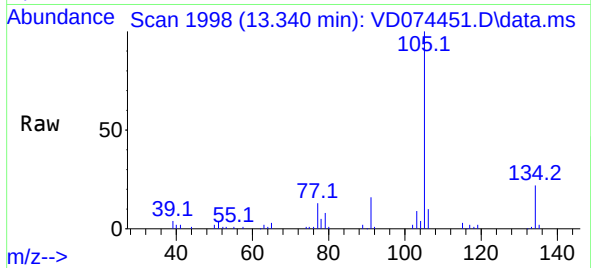




#85
sec-Butylbenzene
Concen: 9.346 ug/l
RT: 13.340 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

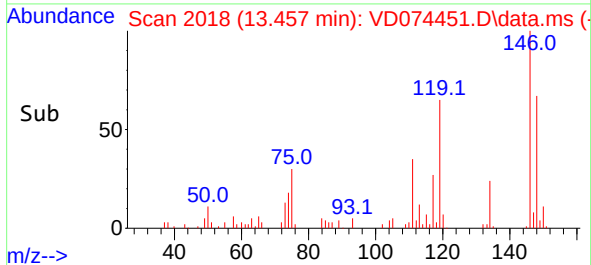
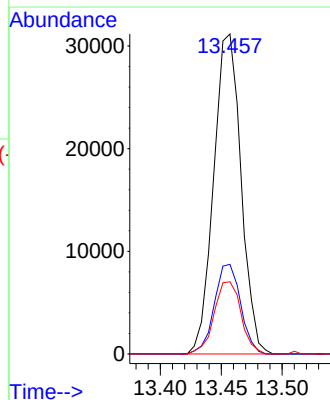
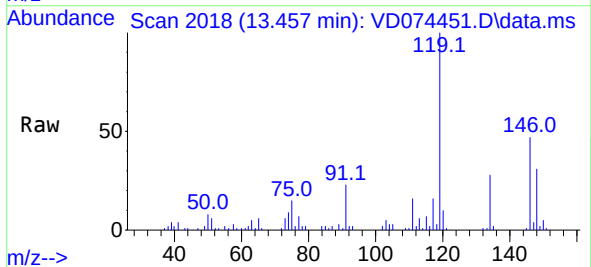
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

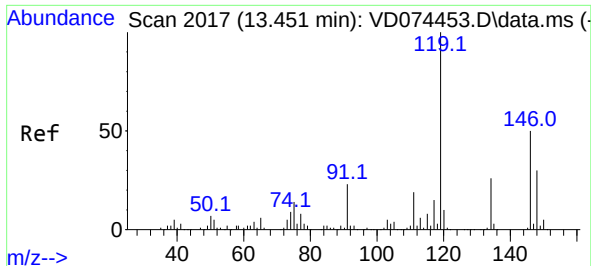
Tgt Ion:105 Resp: 59286
Ion Ratio Lower Upper
105 100
134 20.4 10.0 30.0



#86
p-Isopropyltoluene
Concen: 9.231 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion:119 Resp: 48745
Ion Ratio Lower Upper
119 100
134 27.0 13.5 40.4
91 22.3 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 9.465 ug/l

RT: 13.451 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

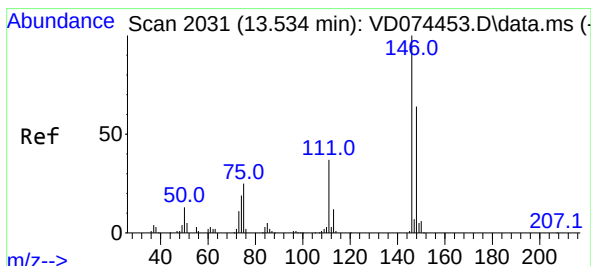
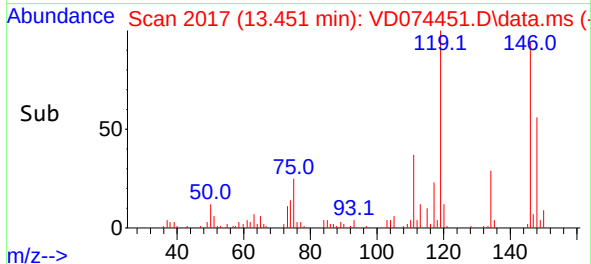
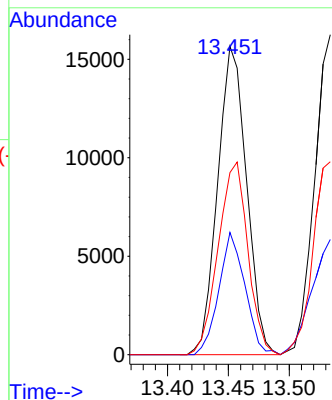
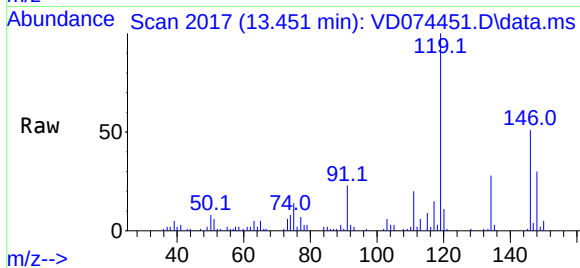
Tgt Ion:146 Resp: 25894

Ion Ratio Lower Upper

146 100

111 35.8 18.3 54.8

148 64.1 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 9.440 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

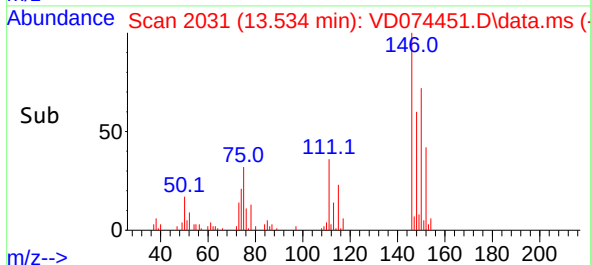
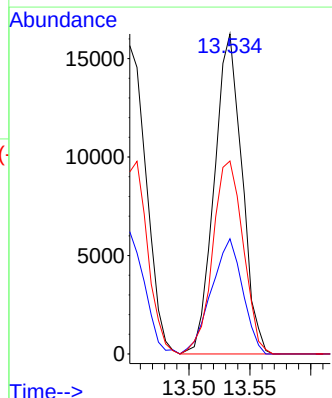
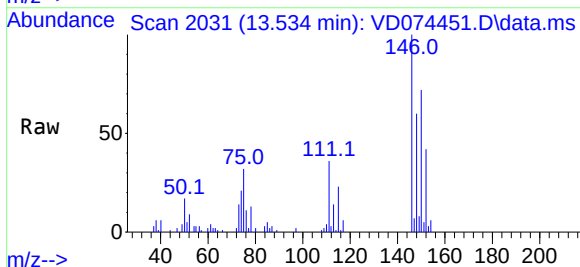
Tgt Ion:146 Resp: 25739

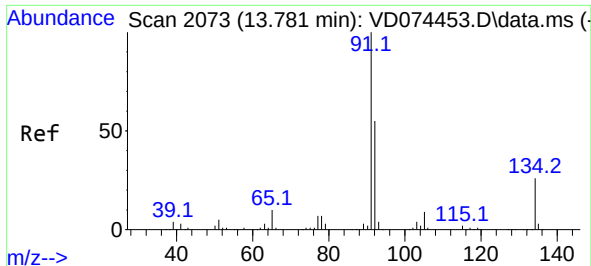
Ion Ratio Lower Upper

146 100

111 40.4 17.7 53.1

148 66.4 32.3 96.9

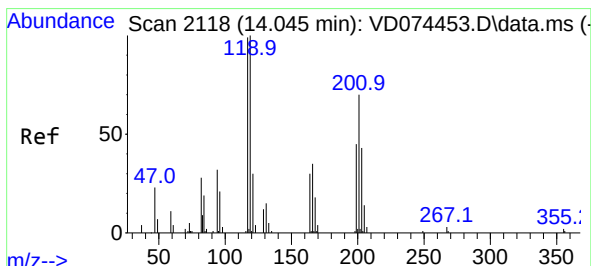
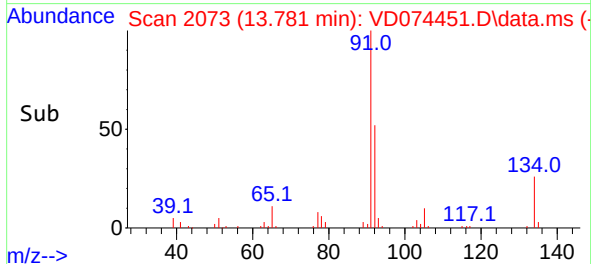
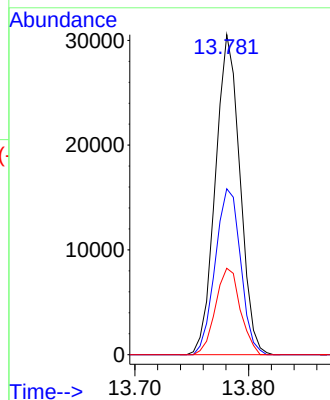
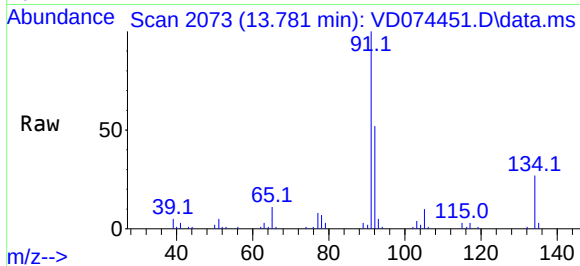




#89
n-Butylbenzene
Concen: 9.312 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

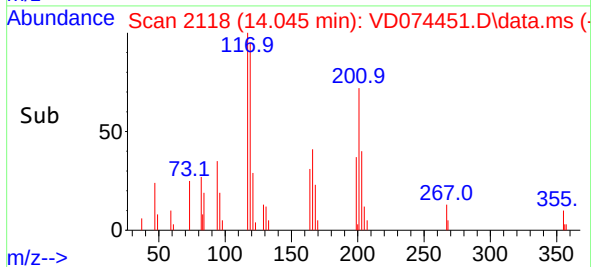
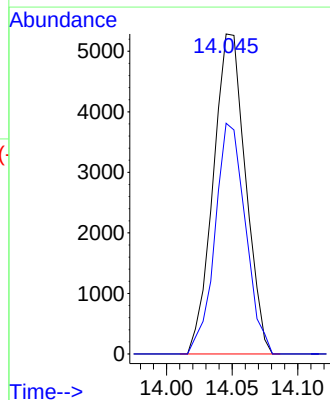
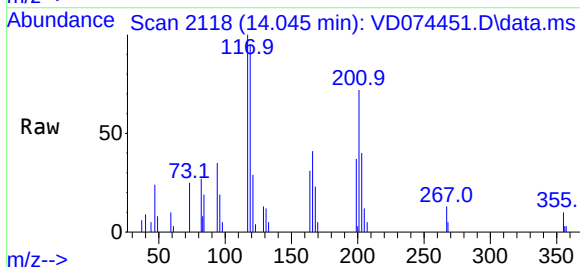
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

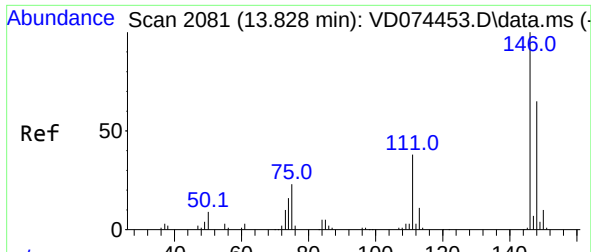
Tgt Ion:	91	Resp:	45835
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.9	80.7
134	27.3	13.4	40.2



#90
Hexachloroethane
Concen: 9.673 ug/l
RT: 14.045 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion:	117	Resp:	9064
Ion	Ratio	Lower	Upper
117	100		
201	67.9	38.0	114.0





#91

1,2-Dichlorobenzene

Concen: 9.206 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

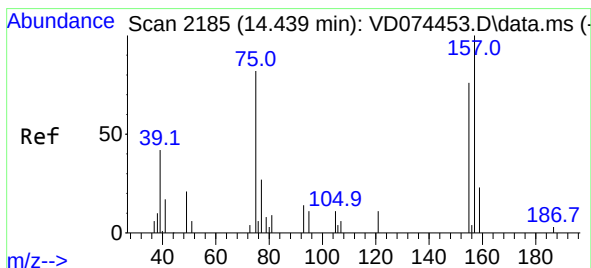
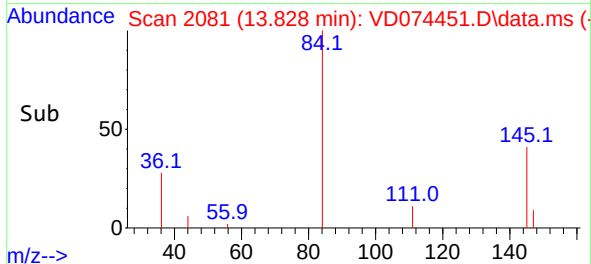
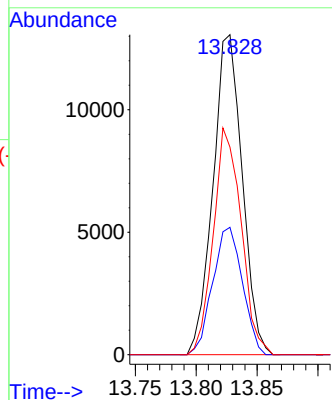
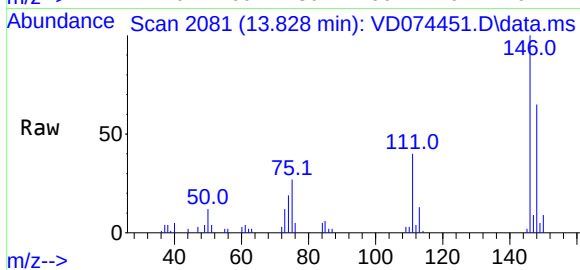
Tgt Ion:146 Resp: 21845

Ion Ratio Lower Upper

146 100

111 40.5 18.9 56.5

148 67.6 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.882 ug/l

RT: 14.440 min Scan# 2185

Delta R.T. 0.000 min

Lab File: VD074451.D

Acq: 05 Oct 2022 13:50

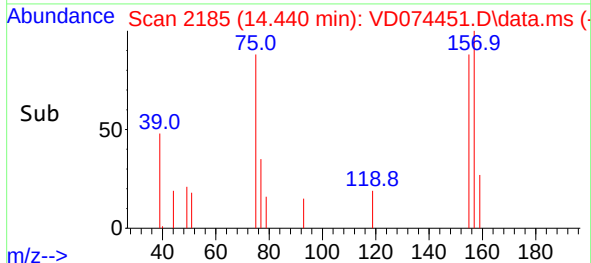
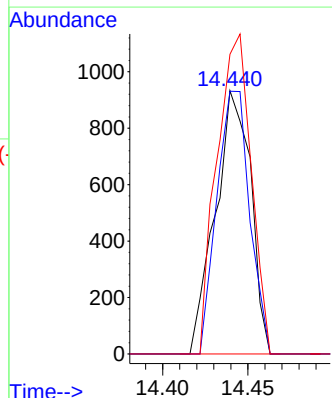
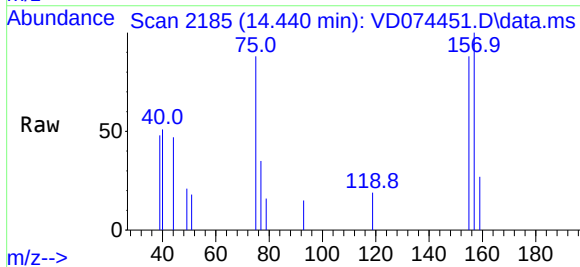
Tgt Ion: 75 Resp: 1347

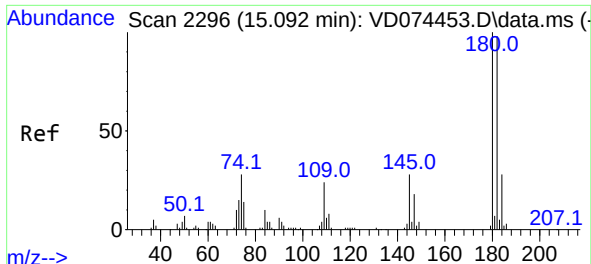
Ion Ratio Lower Upper

75 100

155 92.5 51.2 153.8

157 117.8 68.2 204.5

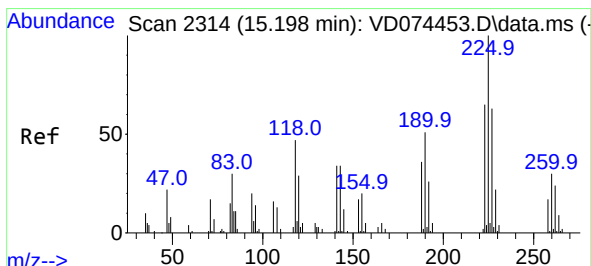
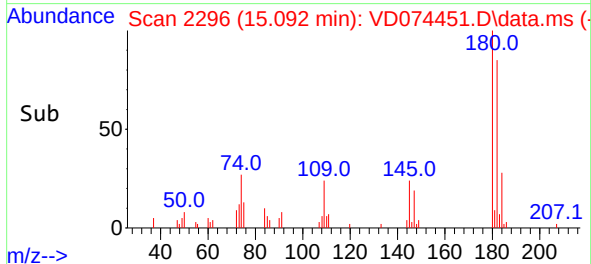
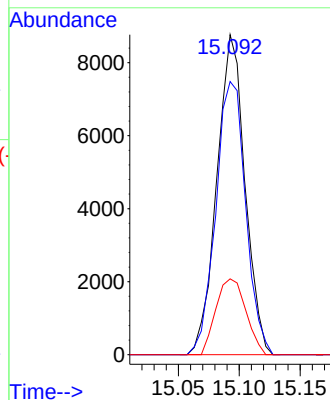
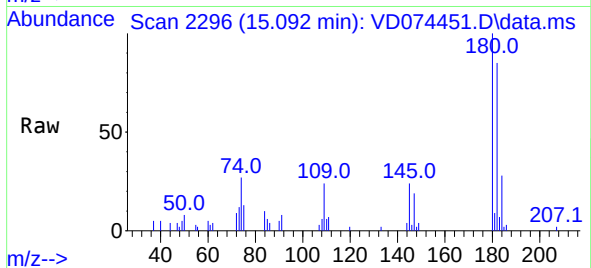




#93
1,2,4-Trichlorobenzene
Concen: 8.800 ug/l
RT: 15.092 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

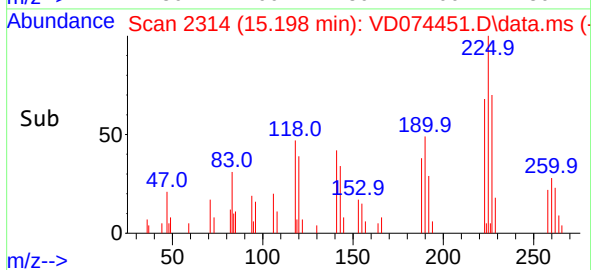
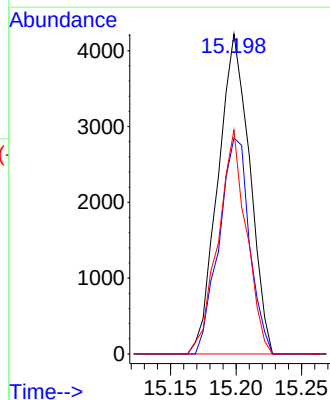
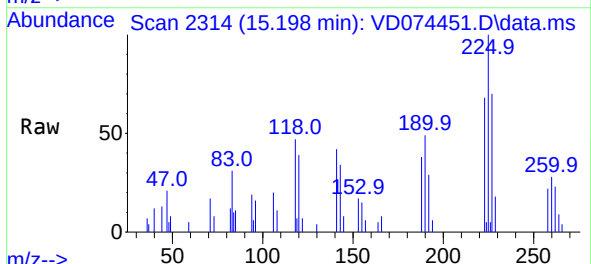
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

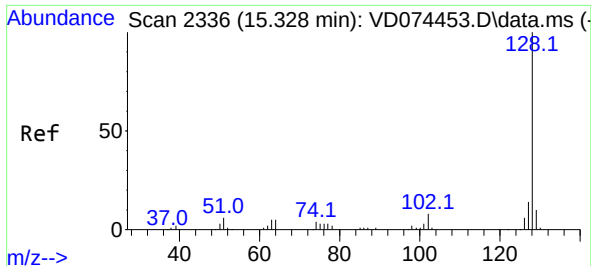
Tgt Ion:	180	Resp:	14090
Ion Ratio	Lower	Upper	
180	100		
182	90.6	46.9	140.6
145	25.2	14.1	42.3



#94
Hexachlorobutadiene
Concen: 8.116 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion:	225	Resp:	7080
Ion Ratio	Lower	Upper	
225	100		
223	64.9	31.9	95.5
227	62.5	32.6	97.8

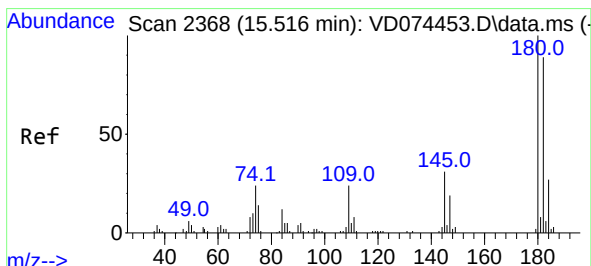
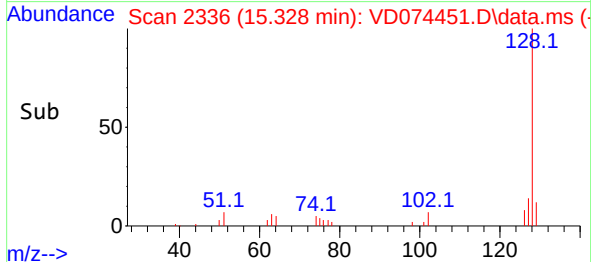
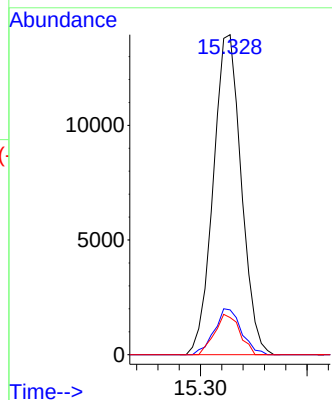
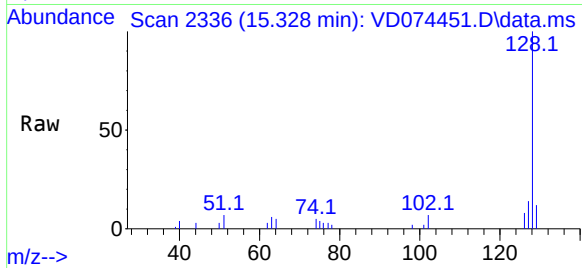




#95
Naphthalene
Concen: 8.678 ug/l
RT: 15.328 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:128	Resp:	25439
Ion	Ratio	Lower Upper
128	100	
127	13.9	10.6 16.0
129	11.2	8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 8.638 ug/l
RT: 15.510 min Scan# 2367
Delta R.T. -0.006 min
Lab File: VD074451.D
Acq: 05 Oct 2022 13:50

Tgt Ion:180	Resp:	11835
Ion	Ratio	Lower Upper
180	100	
182	92.6	46.7 140.1
145	30.8	14.9 44.7

