

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111622\
 Data File : VD074945.D
 Acq On : 16 Nov 2022 13:29
 Operator : VA/SY
 Sample : VD1116SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1116SBS01

Quant Time: Nov 17 00:20:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	142365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	243860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	220413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	102758	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50088	53.346	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.700%	
35) Dibromofluoromethane	7.810	113	63514	42.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 84.500%	
50) Toluene-d8	10.269	98	232588	46.971	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.940%	
62) 4-Bromofluorobenzene	12.575	95	76880	50.562	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.120%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	24676	24.665	ug/l	97
3) Chloromethane	2.146	50	36833	22.637	ug/l	94
4) Vinyl Chloride	2.281	62	45462	22.774	ug/l	99
5) Bromomethane	2.687	94	38033	24.875	ug/l	99
6) Chloroethane	2.834	64	33149	22.613	ug/l	99
7) Trichlorofluoromethane	3.175	101	53278	23.424	ug/l	95
8) Diethyl Ether	3.593	74	14004	21.475	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.969	101	33962	23.399	ug/l	98
10) Methyl Iodide	4.169	142	34640	22.923	ug/l	99
11) Tert butyl alcohol	5.052	59	7621	100.918	ug/l	98
12) 1,1-Dichloroethene	3.940	96	32067	22.681	ug/l	99
13) Acrolein	3.799	56	6129	142.114	ug/l	97
14) Allyl chloride	4.563	41	34335	22.704	ug/l	99
15) Acrylonitrile	5.263	53	27989	109.829	ug/l	98
16) Acetone	4.022	43	24151	102.761	ug/l	95
17) Carbon Disulfide	4.275	76	87681	21.801	ug/l	100
18) Methyl Acetate	4.563	43	15298	23.849	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	59145	20.895	ug/l	98
20) Methylene Chloride	4.799	84	56454	20.463	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	35742	22.293	ug/l	91
22) Diisopropyl ether	6.222	45	75716	22.463	ug/l #	94
23) Vinyl Acetate	6.163	43	120446	83.257	ug/l	99
24) 1,1-Dichloroethane	6.116	63	57748	22.942	ug/l	100
25) 2-Butanone	7.087	43	28712	93.424	ug/l	97
26) 2,2-Dichloropropane	7.081	77	46165	19.516	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	34929	19.638	ug/l	98
28) Bromochloromethane	7.428	49	16174	19.917	ug/l	90
29) Tetrahydrofuran	7.452	42	16221	95.353	ug/l	94
30) Chloroform	7.593	83	54040	19.603	ug/l	99
31) Cyclohexane	7.881	56	40267	19.401	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	47573	20.024	ug/l	97
36) 1,1-Dichloropropene	8.010	75	40188	18.191	ug/l	99
37) Ethyl Acetate	7.169	43	11947	16.116	ug/l	97
38) Carbon Tetrachloride	7.999	117	37281	17.927	ug/l	98
39) Methylcyclohexane	9.275	83	46938	19.832	ug/l	97
40) Benzene	8.257	78	120014	18.892	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	6877	17.491	ug/l	91
42) 1,2-Dichloroethane	8.328	62	27306	17.961	ug/l	98
43) Isopropyl Acetate	8.363	43	22853	17.503	ug/l	98
44) Trichloroethene	9.028	130	33317	19.851	ug/l	98
45) 1,2-Dichloropropane	9.304	63	28449	19.931	ug/l	92
46) Dibromomethane	9.393	93	15683	19.619	ug/l	91
47) Bromodichloromethane	9.587	83	38857	19.586	ug/l	97
48) Methyl methacrylate	9.381	41	10637	18.391	ug/l	97
49) 1,4-Dioxane	9.381	88	2930	373.534	ug/l	91
51) 4-Methyl-2-Pentanone	10.163	43	58864	94.567	ug/l	97
52) Toluene	10.334	92	77132	20.307	ug/l	94
53) t-1,3-Dichloropropene	10.557	75	34045	19.426	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	42730	19.881	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	22364	20.120	ug/l	98
56) Ethyl methacrylate	10.598	69	22349	18.481	ug/l	97
57) 1,3-Dichloropropane	10.881	76	34583	19.353	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.875	63	38964	96.462	ug/l	98
59) 2-Hexanone	10.922	43	41343	95.277	ug/l	98
60) Dibromochloromethane	11.075	129	26255	19.911	ug/l	98
61) 1,2-Dibromoethane	11.181	107	20773	19.983	ug/l	99
64) Tetrachloroethene	10.810	164	27941	18.907	ug/l	89
65) Chlorobenzene	11.610	112	84202	19.528	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	28945	19.159	ug/l	99
67) Ethyl Benzene	11.687	91	146199	19.462	ug/l	97
68) m/p-Xylenes	11.792	106	118174	39.455	ug/l	98
69) o-Xylene	12.128	106	53376	19.370	ug/l	96
70) Styrene	12.140	104	91261	19.320	ug/l	98
71) Bromoform	12.304	173	14104	18.039	ug/l #	96
73) Isopropylbenzene	12.422	105	143598	20.303	ug/l	100
74) N-amyl acetate	12.234	43	21080	18.115	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.675	83	24711	19.752	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	28048	32.634	ug/l #	1
77) Bromobenzene	12.704	156	32145	19.421	ug/l	95
78) n-propylbenzene	12.769	91	178820	20.568	ug/l	98
79) 2-Chlorotoluene	12.851	91	96218	20.540	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	118503	20.108	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	6206	17.763	ug/l	96
82) 4-Chlorotoluene	12.951	91	99712	20.440	ug/l	97
83) tert-Butylbenzene	13.169	119	100274	19.609	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	117901	20.228	ug/l	100
85) sec-Butylbenzene	13.345	105	159916	20.559	ug/l	100
86) p-Isopropyltoluene	13.463	119	131595	20.346	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	66989	19.457	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	65619	19.203	ug/l	97
89) n-Butylbenzene	13.792	91	122614	20.419	ug/l	98
90) Hexachloroethane	14.057	117	24119	20.821	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	58195	19.876	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2930	16.987	ug/l	93
93) 1,2,4-Trichlorobenzene	15.104	180	32370	18.163	ug/l	95
94) Hexachlorobutadiene	15.210	225	18666	20.305	ug/l	100
95) Naphthalene	15.333	128	58845	17.789	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	29461	19.116	ug/l	97

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
Response via : Initial Calibration

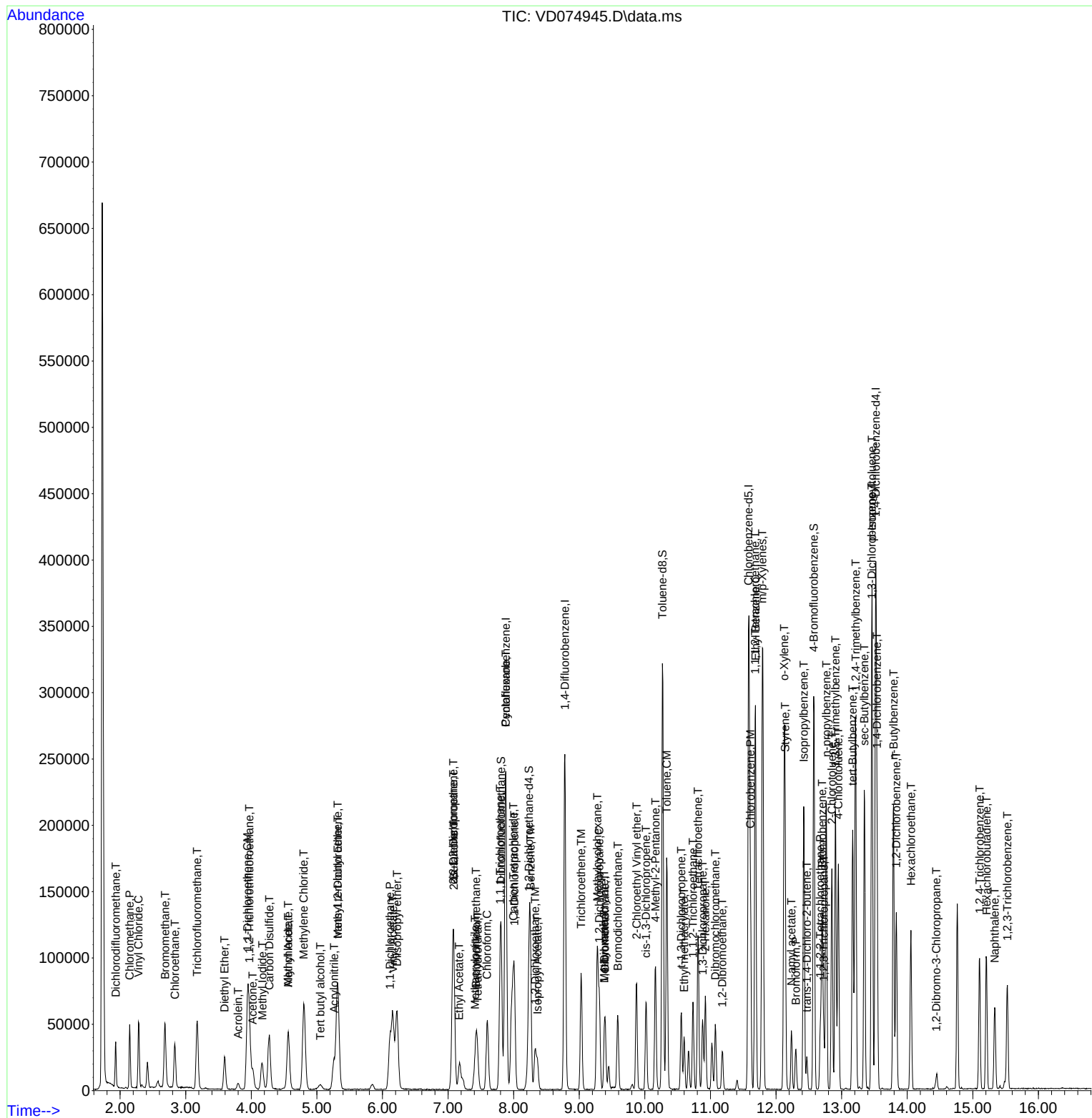
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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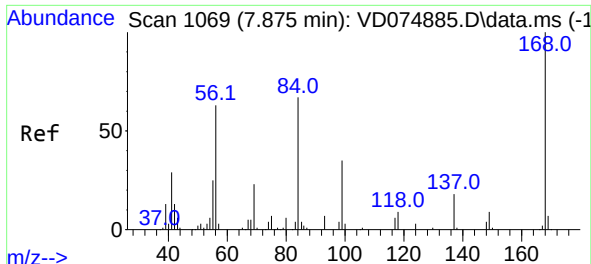
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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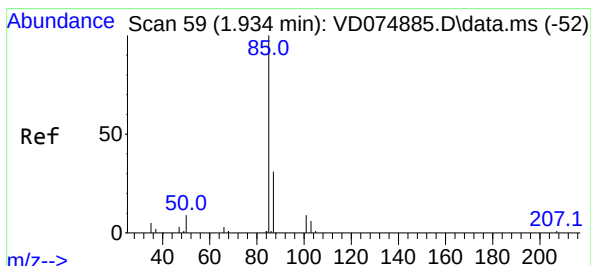
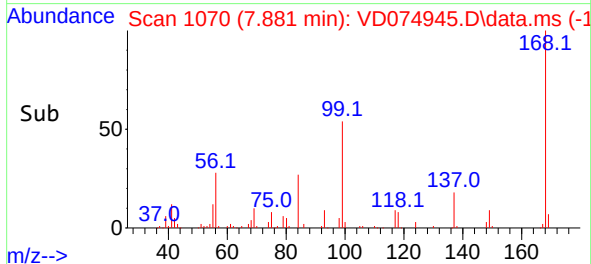
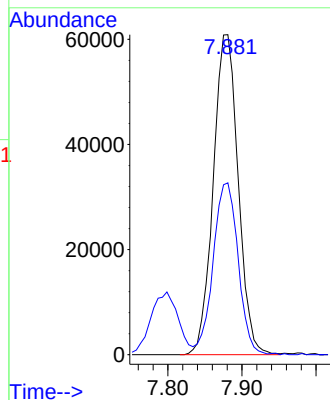
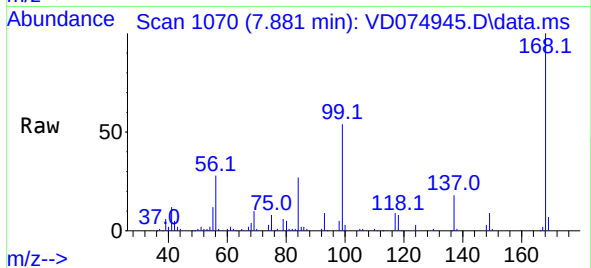




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074945.D
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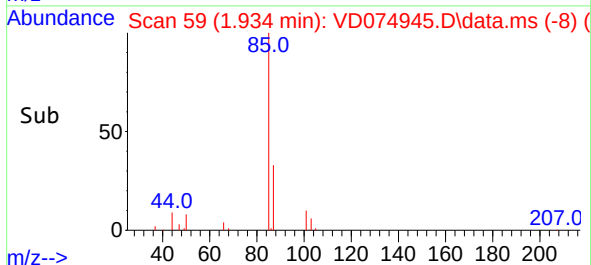
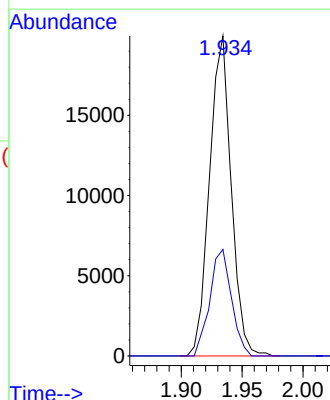
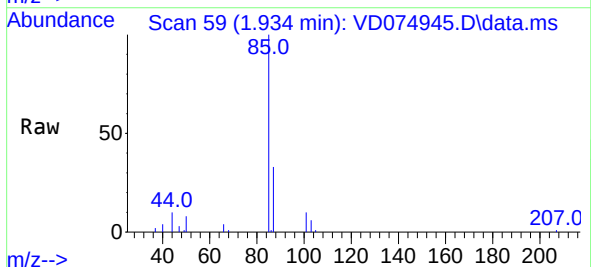
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBSD01

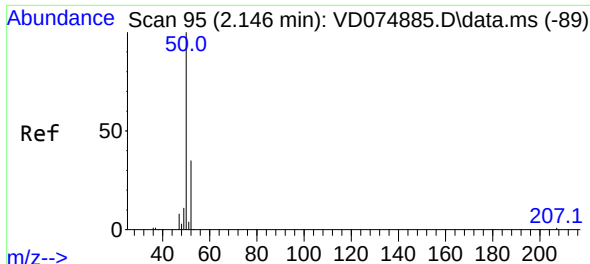
Tgt Ion:168 Resp: 142365
Ion Ratio Lower Upper
168 100
99 53.7 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 24.665 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 85 Resp: 24676
Ion Ratio Lower Upper
85 100
87 33.3 17.5 52.6

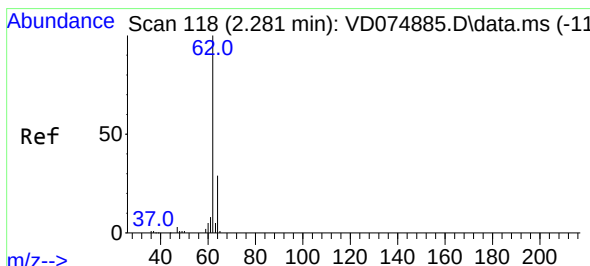
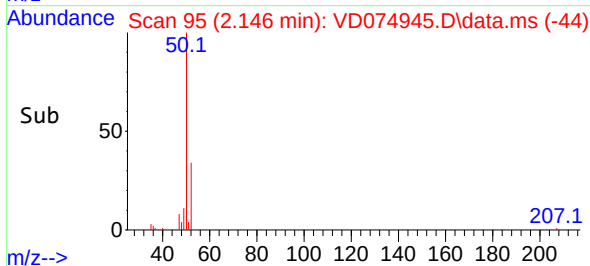
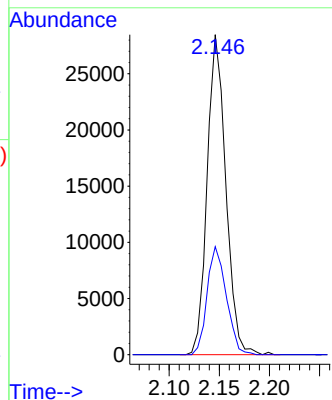
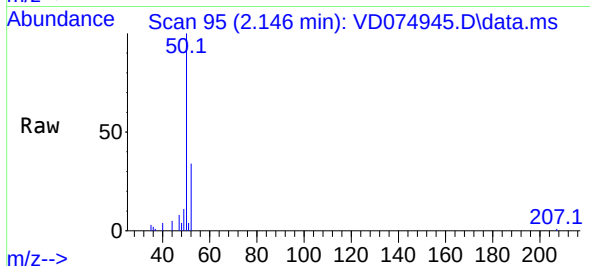




#3
Chloromethane
Concen: 22.637 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

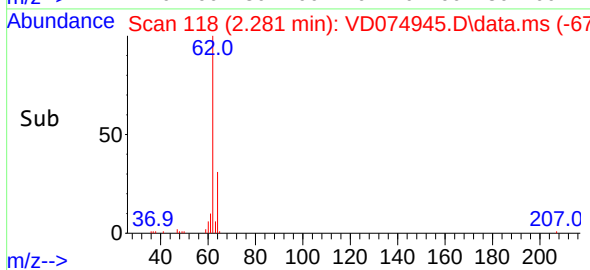
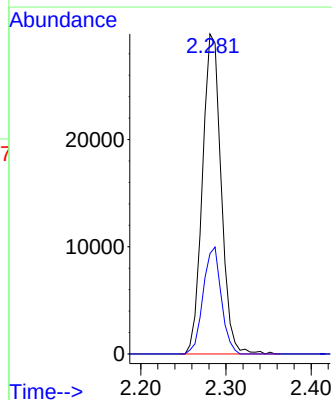
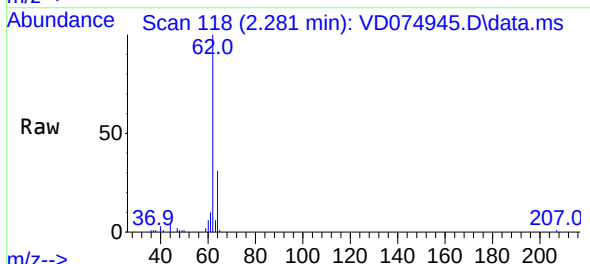
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

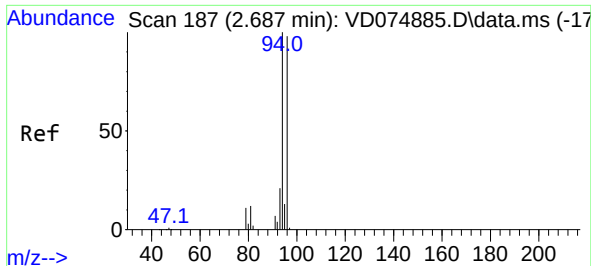
Tgt Ion: 50 Resp: 36833
Ion Ratio Lower Upper
50 100
52 33.7 30.0 45.0



#4
Vinyl Chloride
Concen: 22.774 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 62 Resp: 45462
Ion Ratio Lower Upper
62 100
64 31.4 25.5 38.3

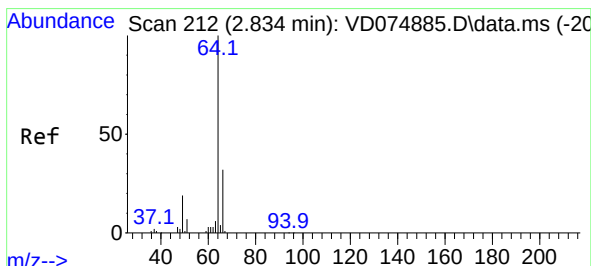
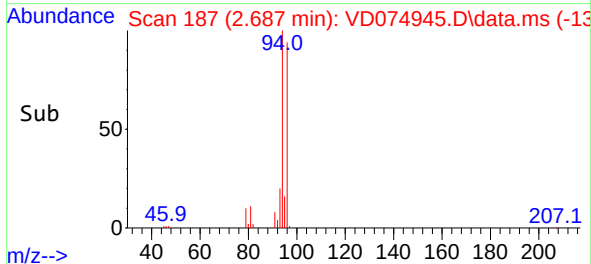
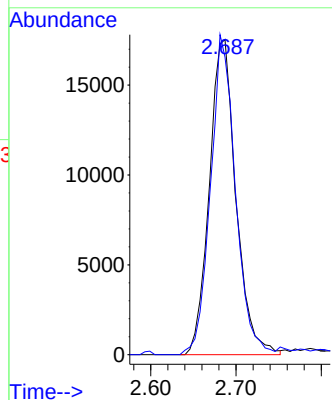
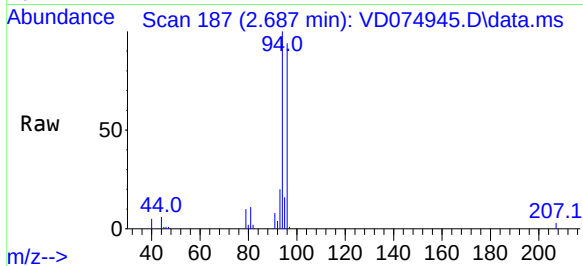




#5
Bromomethane
Concen: 24.875 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

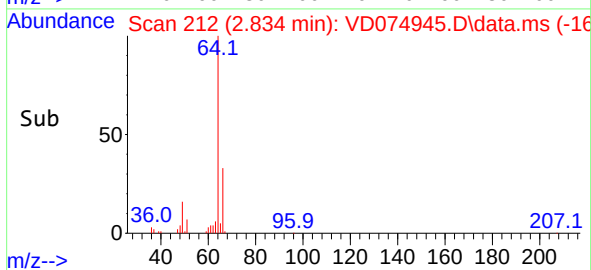
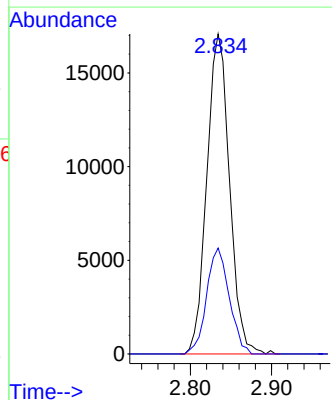
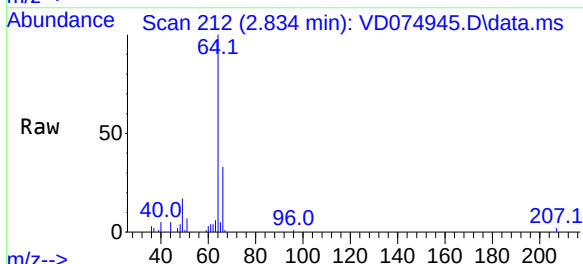
Instrument :
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ClientSampleId :
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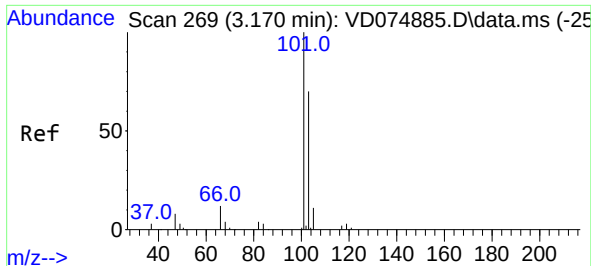
Tgt Ion: 94 Resp: 38033
Ion Ratio Lower Upper
94 100
96 94.4 74.6 112.0



#6
Chloroethane
Concen: 22.613 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 64 Resp: 33149
Ion Ratio Lower Upper
64 100
66 33.1 25.8 38.8

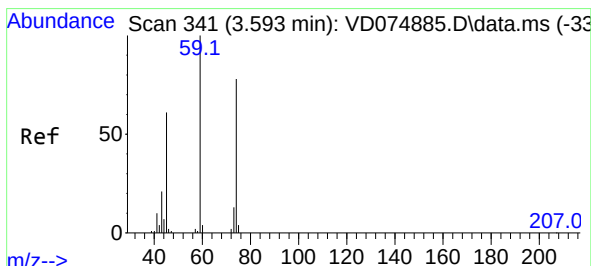
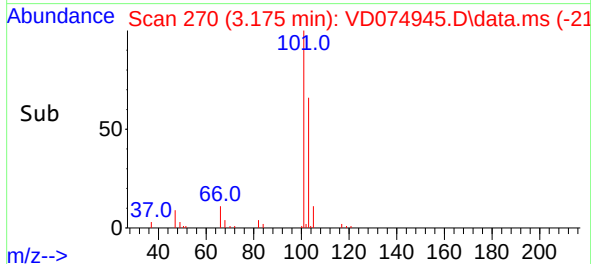
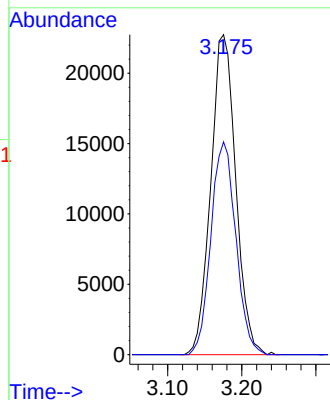
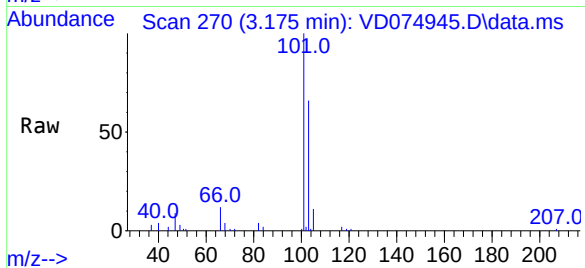




#7
Trichlorofluoromethane
Concen: 23.424 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

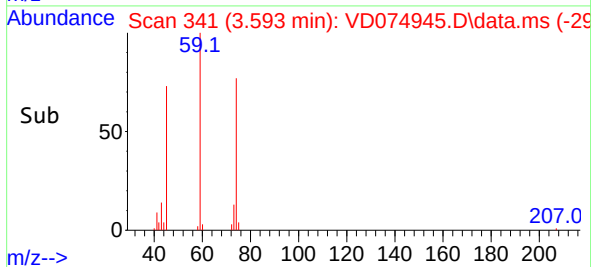
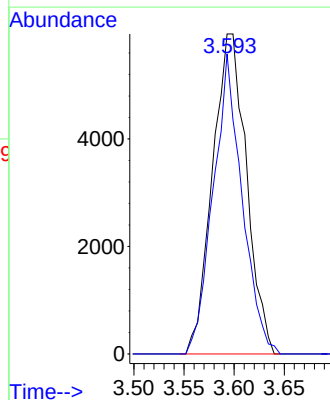
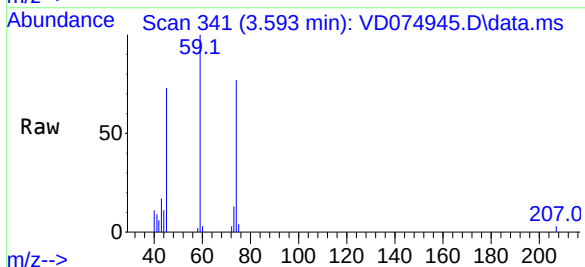
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

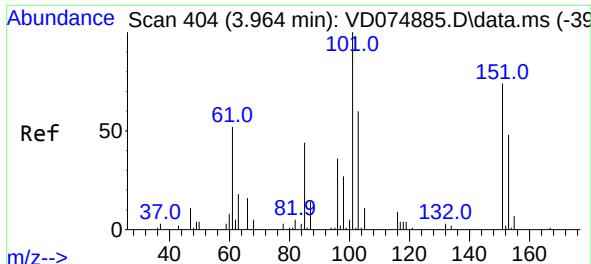
Tgt Ion:101 Resp: 53278
Ion Ratio Lower Upper
101 100
103 66.5 49.8 74.8



#8
Diethyl Ether
Concen: 21.475 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 74 Resp: 14004
Ion Ratio Lower Upper
74 100
45 79.8 37.9 113.6

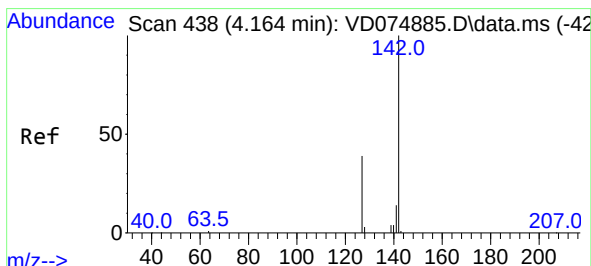
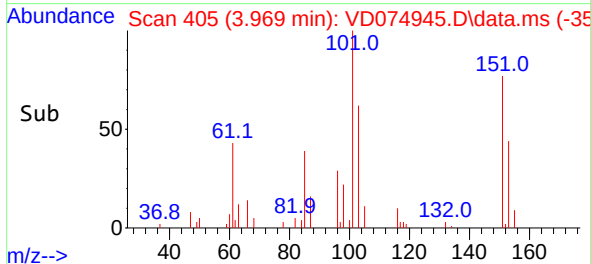
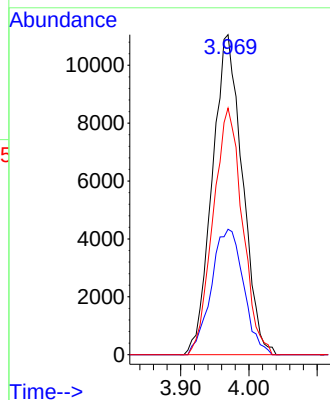
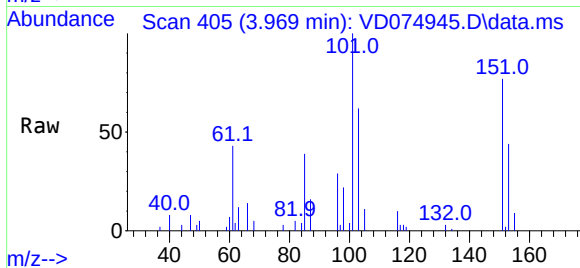




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.399 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.005 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

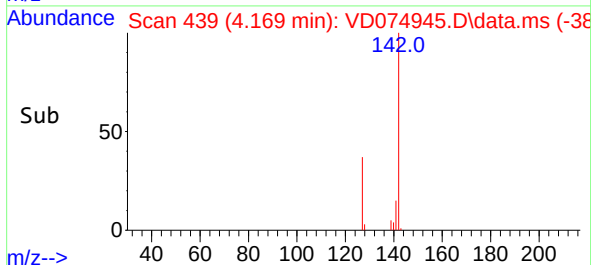
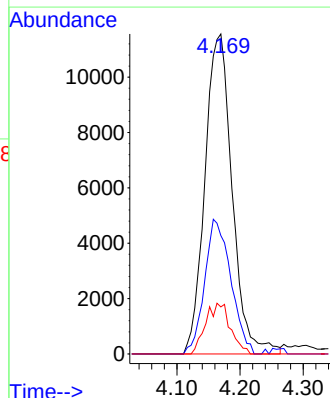
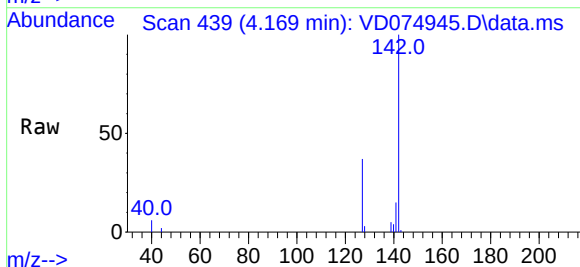
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

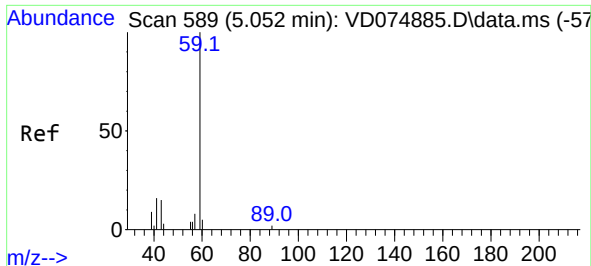
Tgt Ion:101 Resp: 33962
Ion Ratio Lower Upper
101 100
85 42.0 34.1 51.1
151 75.1 61.7 92.5



#10
Methyl Iodide
Concen: 22.923 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.005 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion:142 Resp: 34640
Ion Ratio Lower Upper
142 100
127 40.4 31.9 47.9
141 14.4 11.4 17.2

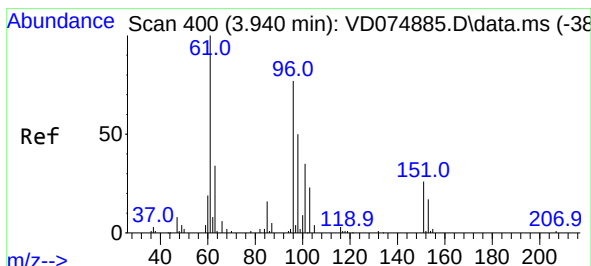
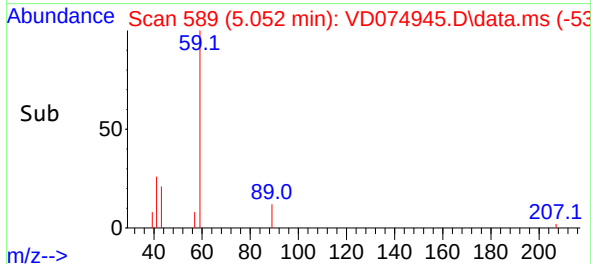
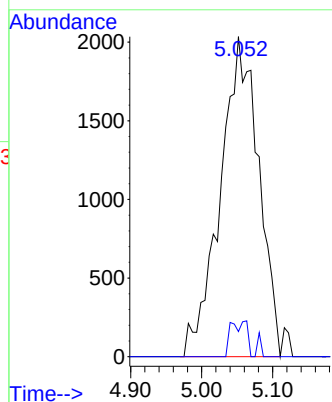
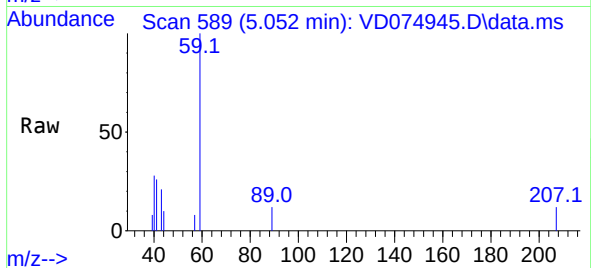




#11
Tert butyl alcohol
Concen: 100.918 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

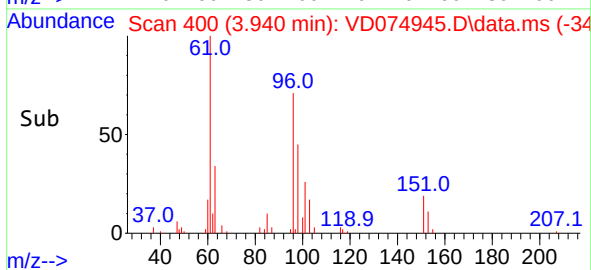
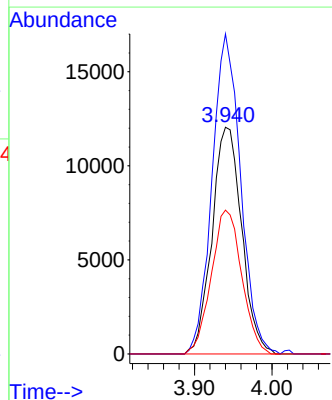
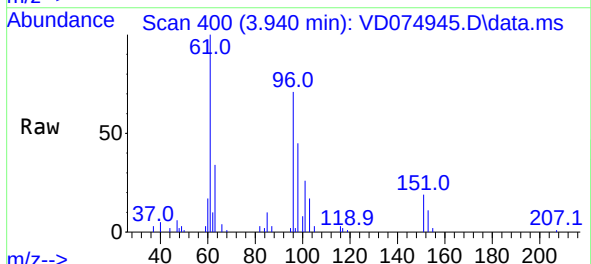
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

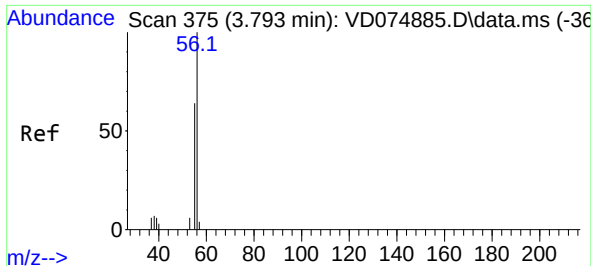
Tgt Ion: 59 Resp: 7621
Ion Ratio Lower Upper
59 100
57 4.8 4.4 6.6



#12
1,1-Dichloroethene
Concen: 22.681 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 96 Resp: 32067
Ion Ratio Lower Upper
96 100
61 141.1 113.9 170.9
98 63.4 51.8 77.8

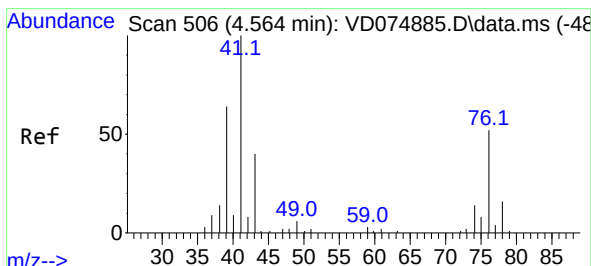
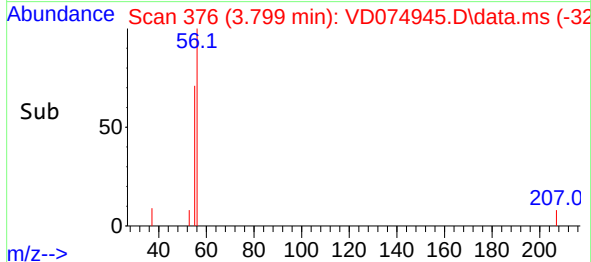
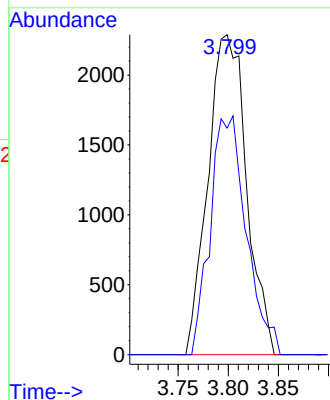
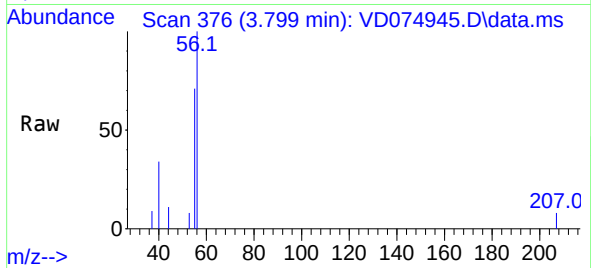




#13
Acrolein
Concen: 142.114 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

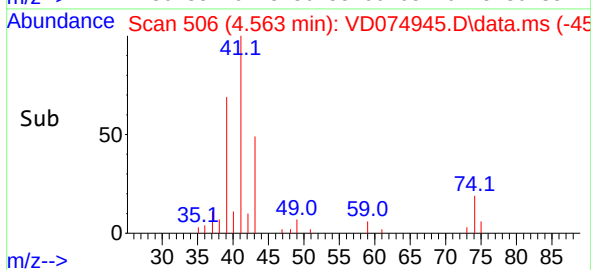
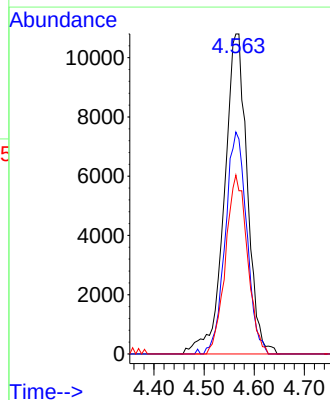
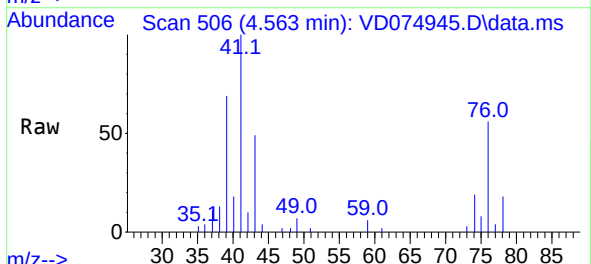
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

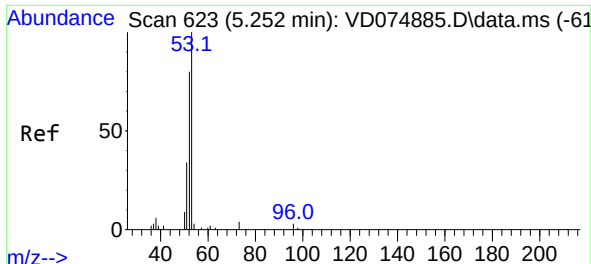
Tgt Ion: 56 Resp: 6129
Ion Ratio Lower Upper
56 100
55 69.6 54.0 81.0



#14
Allyl chloride
Concen: 22.704 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 41 Resp: 34335
Ion Ratio Lower Upper
41 100
39 64.9 53.4 80.2
76 53.2 42.4 63.6

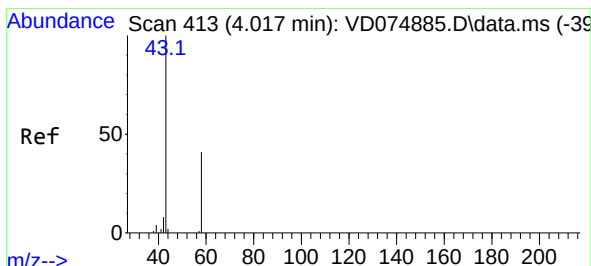
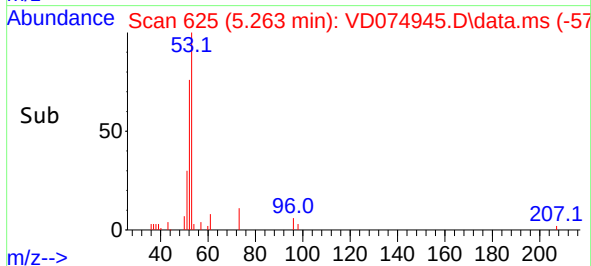
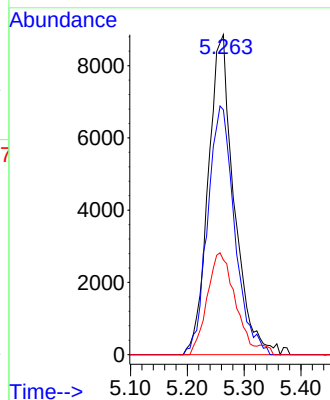
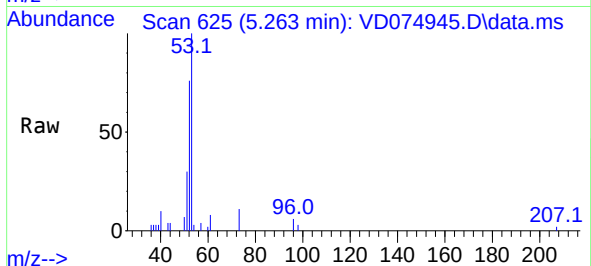




#15
Acrylonitrile
Concen: 109.829 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

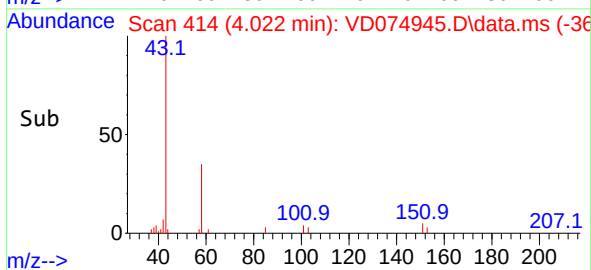
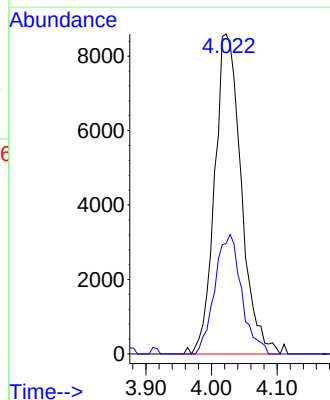
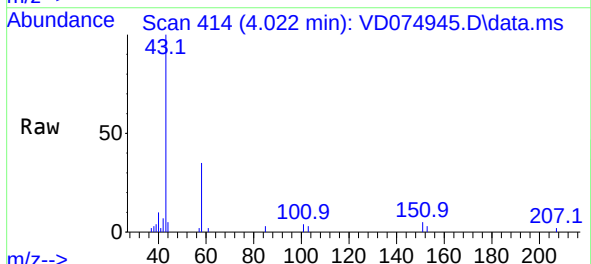
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

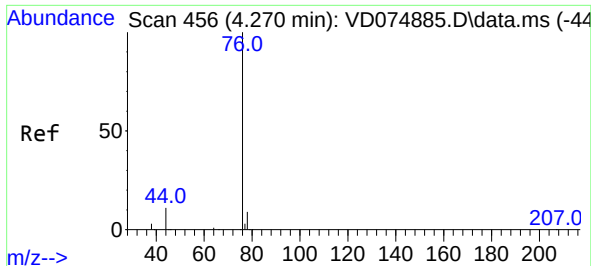
Tgt Ion: 53	Resp: 27989
Ion Ratio	Lower Upper
53 100	
52 81.0	66.0 99.0
51 34.3	28.3 42.5



#16
Acetone
Concen: 102.761 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 43	Resp: 24151
Ion Ratio	Lower Upper
43 100	
58 34.5	30.2 45.2

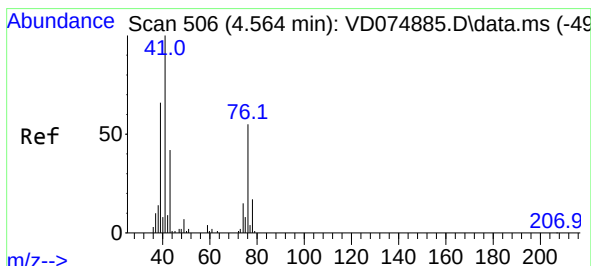
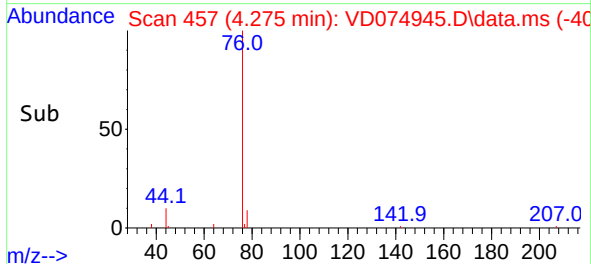
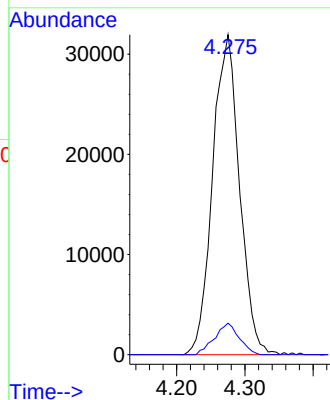
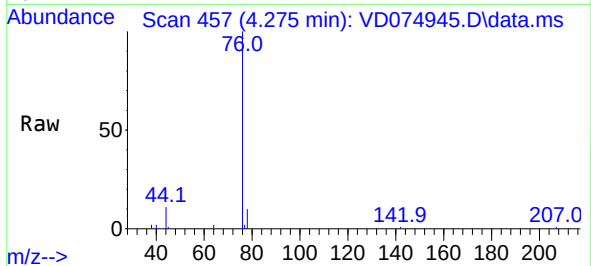




#17
Carbon Disulfide
Concen: 21.801 ug/l
RT: 4.275 min Scan# 456
Delta R.T. 0.005 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

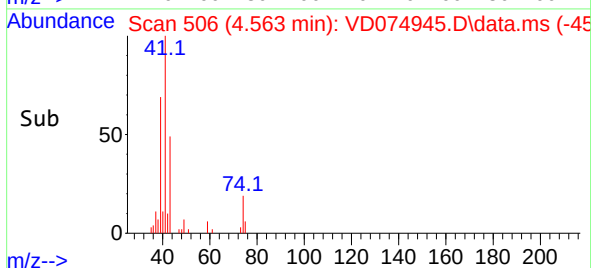
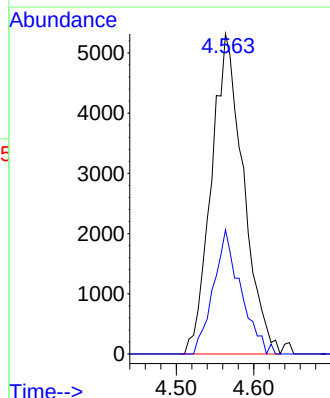
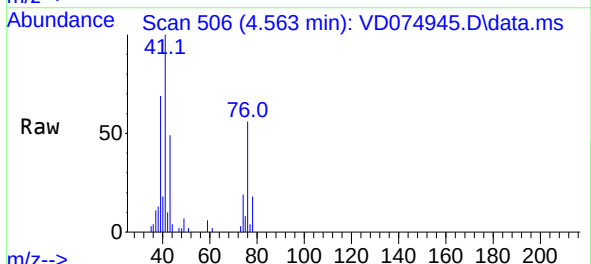
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

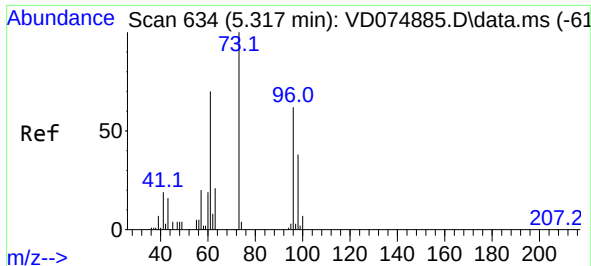
Tgt Ion: 76 Resp: 87681
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.8



#18
Methyl Acetate
Concen: 23.849 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 43 Resp: 15298
Ion Ratio Lower Upper
43 100
74 33.1 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 20.895 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.001 min

Lab File: VD074945.D

Acq: 16 Nov 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

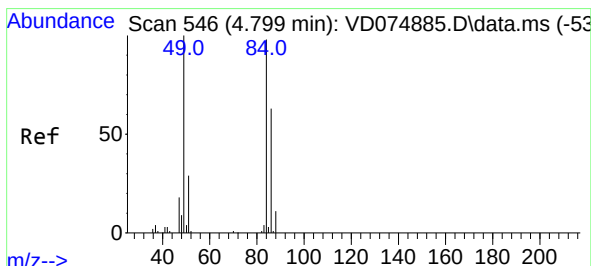
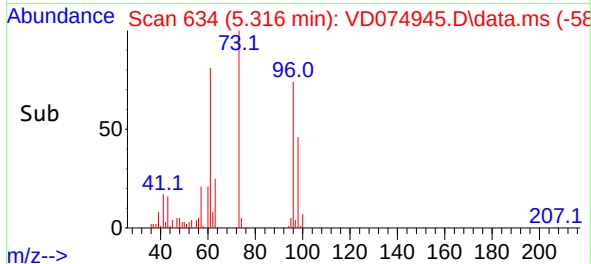
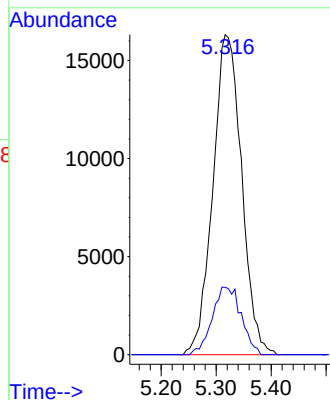
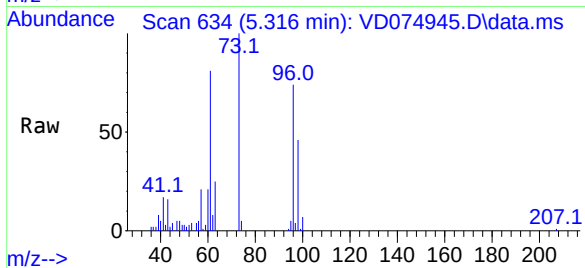
VD1116SBS01

Tgt Ion: 73 Resp: 59145

Ion Ratio Lower Upper

73 100

57 21.1 16.1 24.1



#20

Methylene Chloride

Concen: 20.463 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD074945.D

Acq: 16 Nov 2022 13:29

Tgt Ion: 84 Resp: 56454

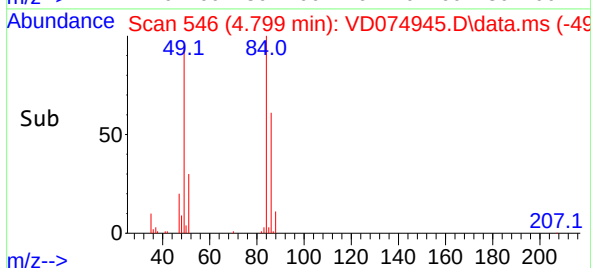
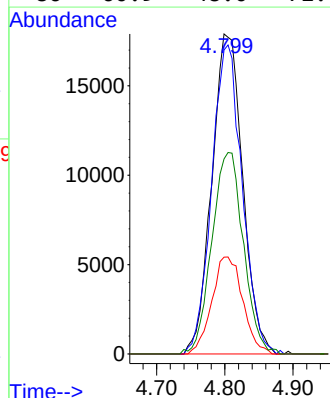
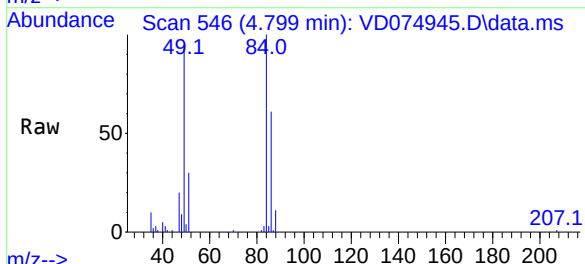
Ion Ratio Lower Upper

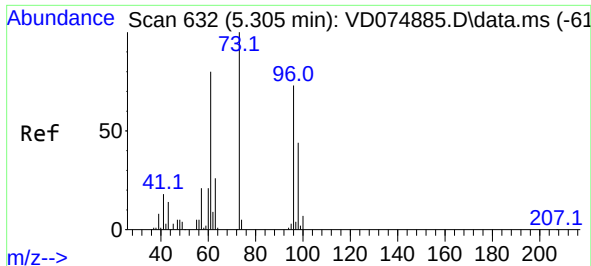
84 100

49 95.0 68.0 102.0

51 30.3 23.2 34.8

86 60.9 48.0 72.0

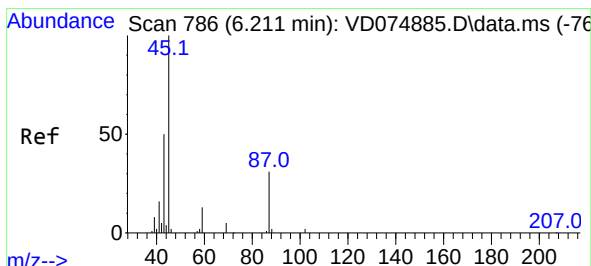
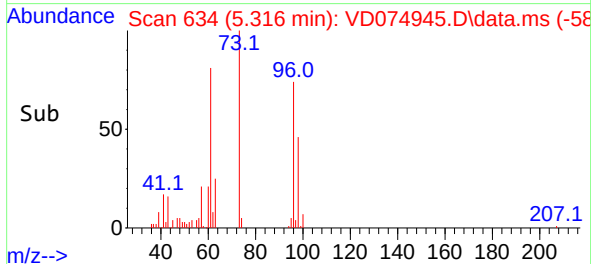
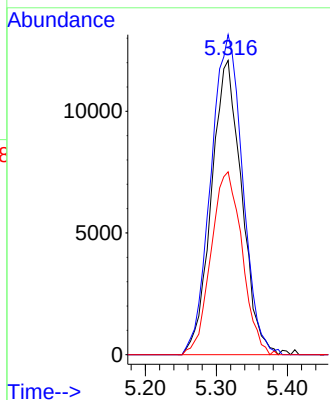
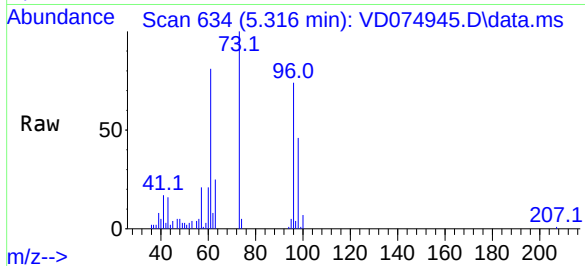




#21
trans-1,2-Dichloroethene
Concen: 22.293 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

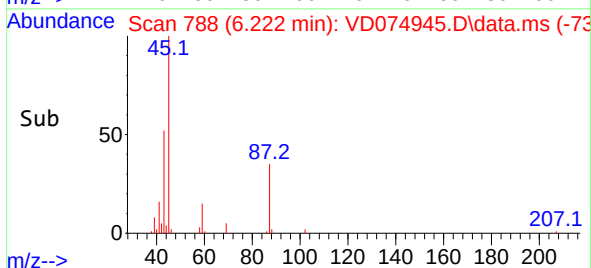
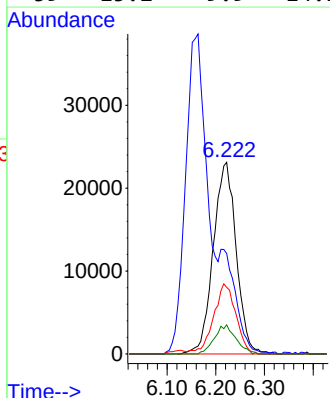
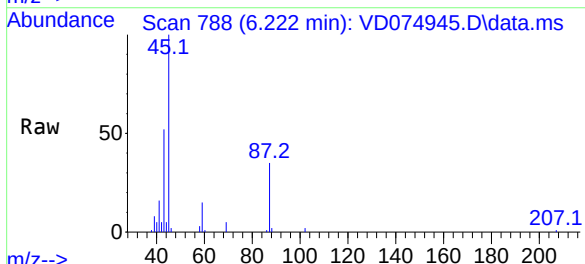
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBSD01

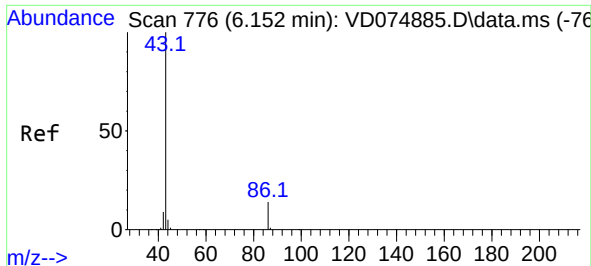
Tgt Ion: 96 Resp: 35742
Ion Ratio Lower Upper
96 100
61 108.8 95.7 143.5
98 62.1 54.8 82.2



#22
Diisopropyl ether
Concen: 22.463 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.011 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 45 Resp: 75716
Ion Ratio Lower Upper
45 100
43 52.4 37.8 56.6
87 34.7 26.6 40.0
59 15.2 9.9 14.9

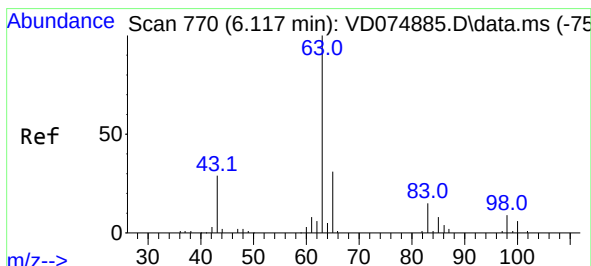
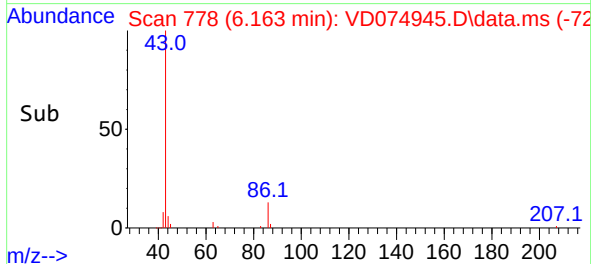
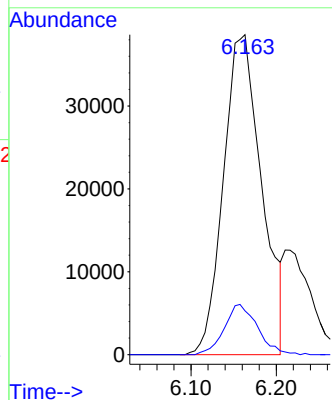
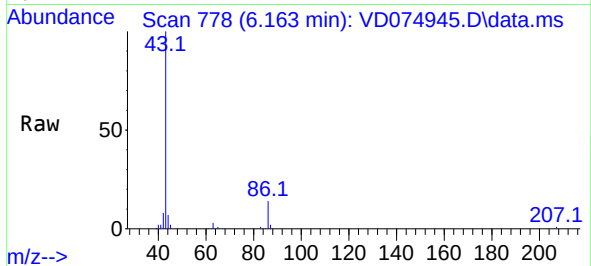




#23
 Vinyl Acetate
 Concen: 83.257 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.011 min
 Lab File: VD074945.D
 Acq: 16 Nov 2022 13:29

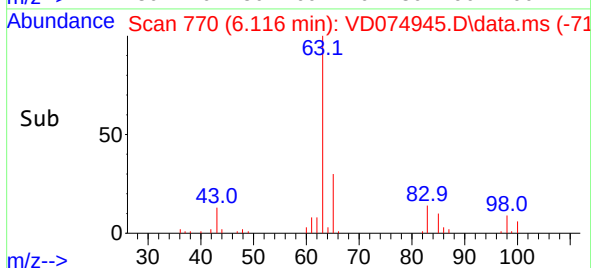
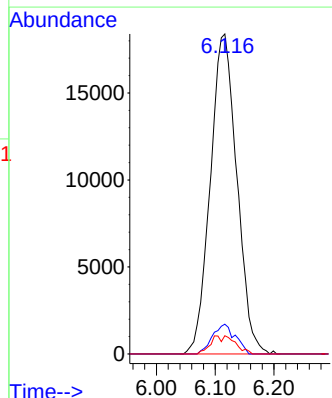
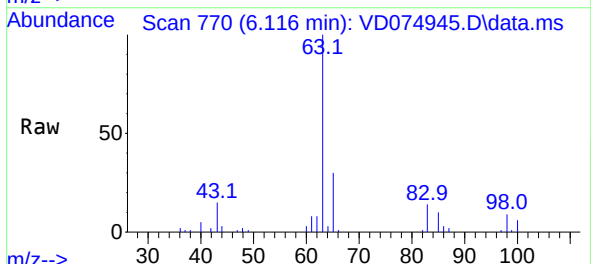
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1116SBS01

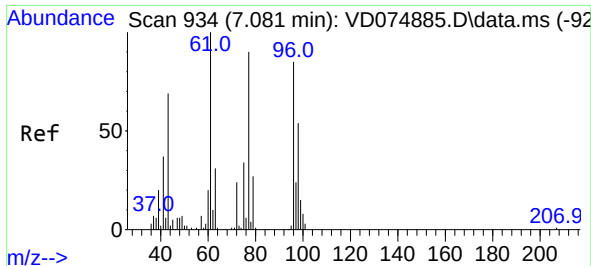
Tgt Ion: 43 Resp: 120446
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 22.942 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.001 min
 Lab File: VD074945.D
 Acq: 16 Nov 2022 13:29

Tgt Ion: 63 Resp: 57748
 Ion Ratio Lower Upper
 63 100
 98 9.3 4.6 13.8
 100 5.7 2.9 8.6

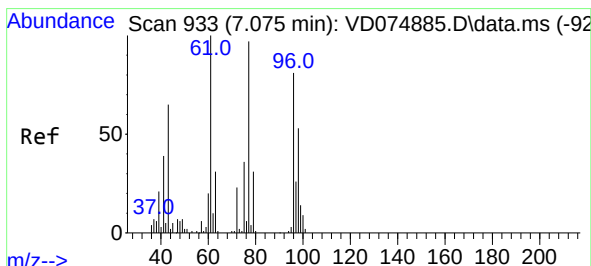
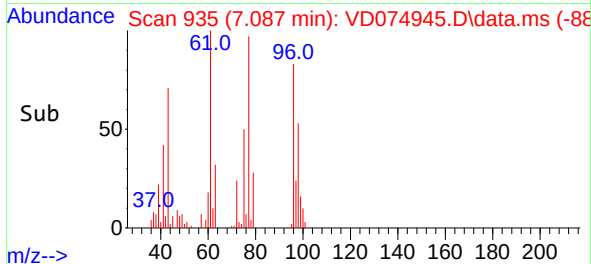
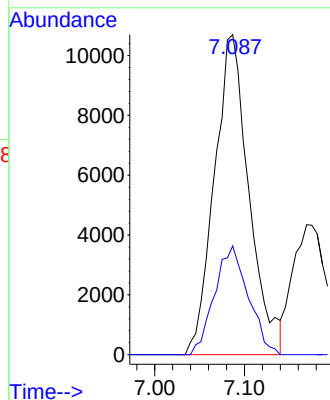
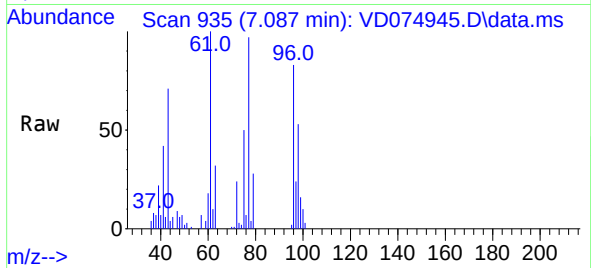




#25
2-Butanone
Concen: 93.424 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

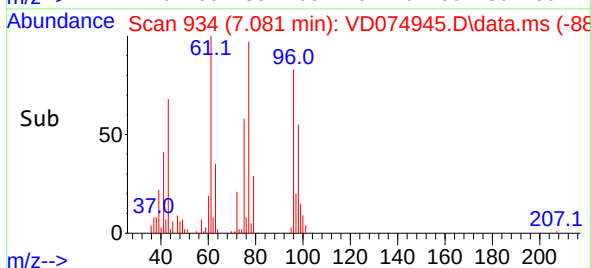
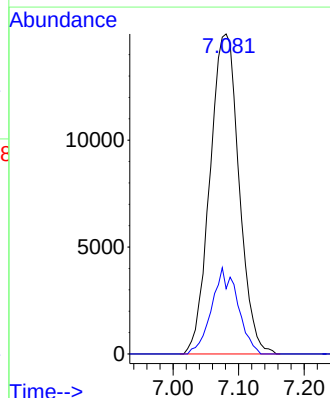
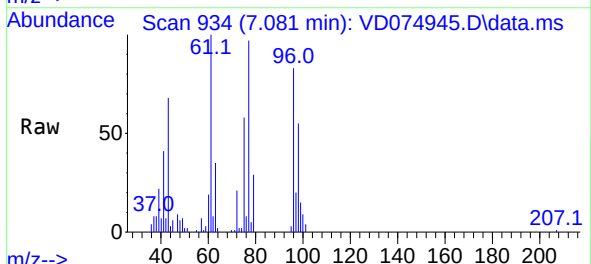
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

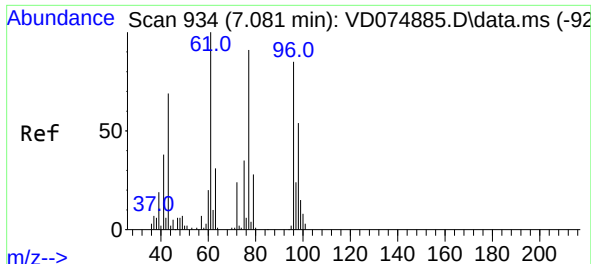
Tgt Ion: 43 Resp: 28712
Ion Ratio Lower Upper
43 100
72 34.0 25.8 38.8



#26
2,2-Dichloropropane
Concen: 19.516 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 77 Resp: 46165
Ion Ratio Lower Upper
77 100
97 24.2 12.5 37.5





#27

cis-1,2-Dichloroethene

Concen: 19.638 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD074945.D

Acq: 16 Nov 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD1116SBS01

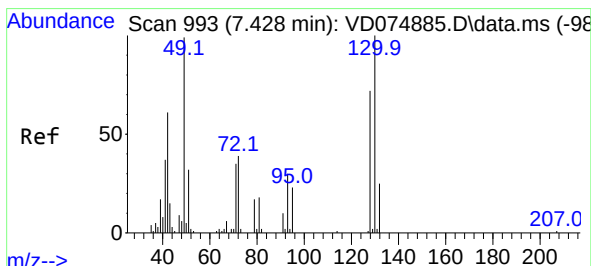
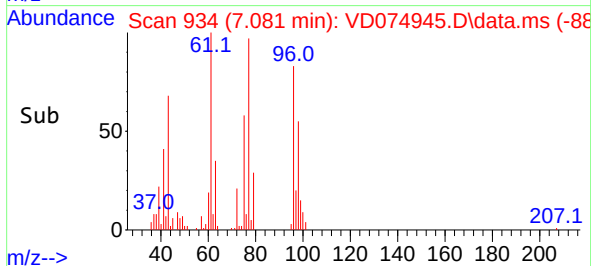
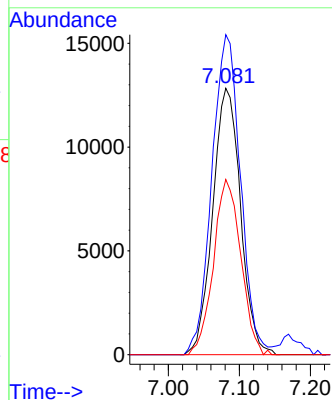
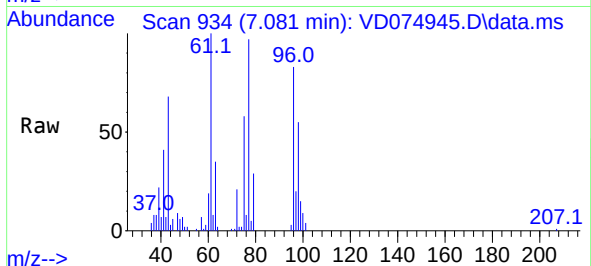
Tgt Ion: 96 Resp: 34929

Ion Ratio Lower Upper

96 100

61 123.5 0.0 242.4

98 64.5 0.0 130.0



#28

Bromochloromethane

Concen: 19.917 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD074945.D

Acq: 16 Nov 2022 13:29

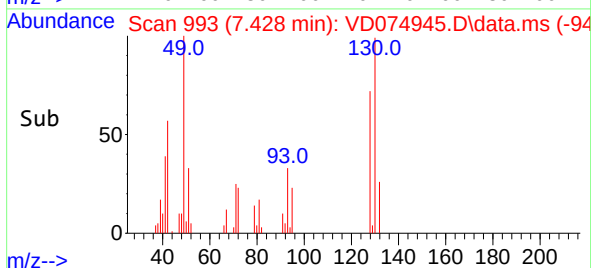
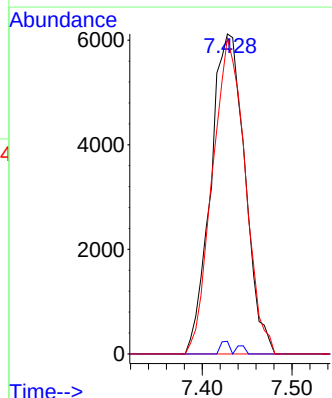
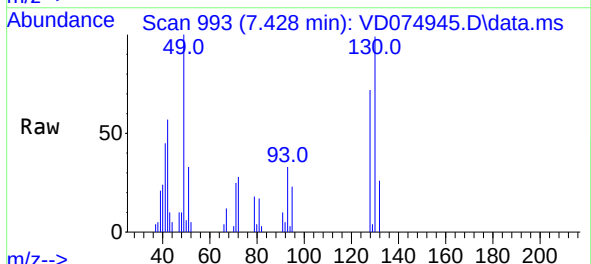
Tgt Ion: 49 Resp: 16174

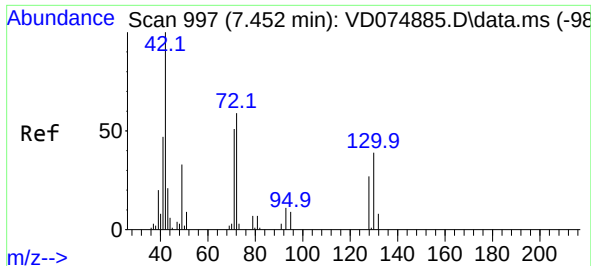
Ion Ratio Lower Upper

49 100

129 1.0 0.0 5.0

130 94.7 84.1 126.1

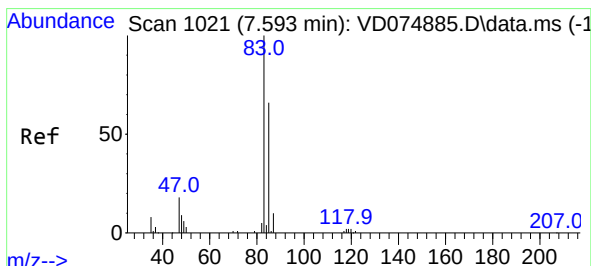
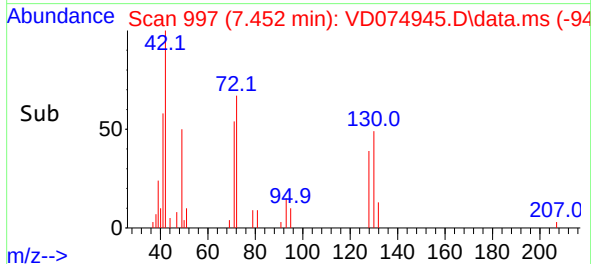
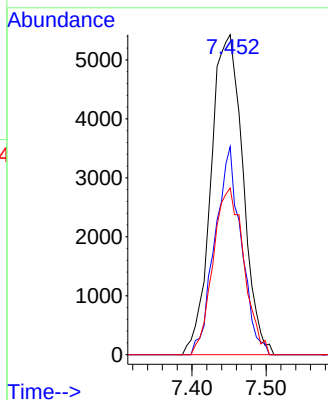
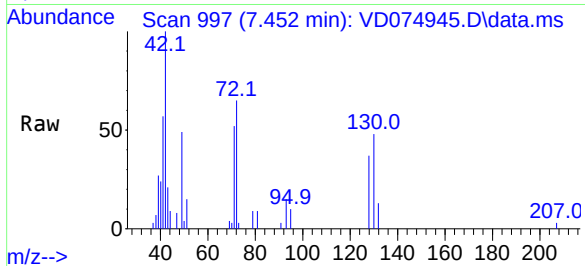




#29
Tetrahydrofuran
Concen: 95.353 ug/l
RT: 7.452 min Scan# 997
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

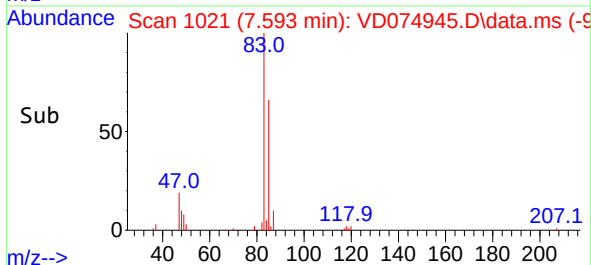
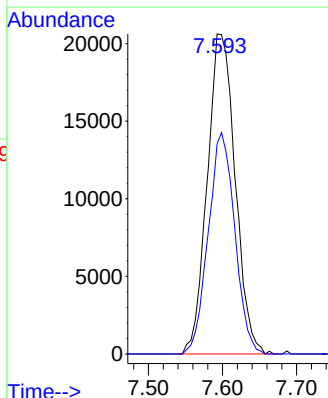
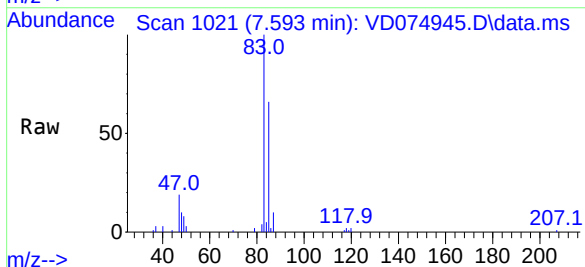
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBSD01

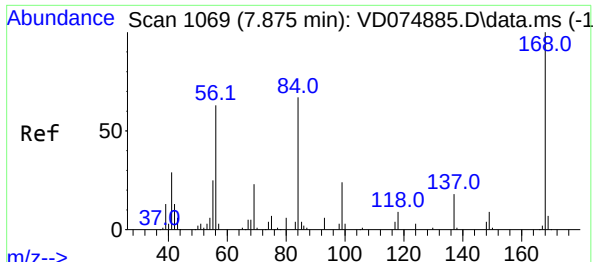
Tgt Ion: 42 Resp: 16221
Ion Ratio Lower Upper
42 100
72 53.6 45.8 68.6
71 50.2 44.6 66.8



#30
Chloroform
Concen: 19.603 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 83 Resp: 54040
Ion Ratio Lower Upper
83 100
85 65.7 52.0 78.0





#31

Cyclohexane

Concen: 19.401 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD074945.D

Acq: 16 Nov 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD1116SBSD01

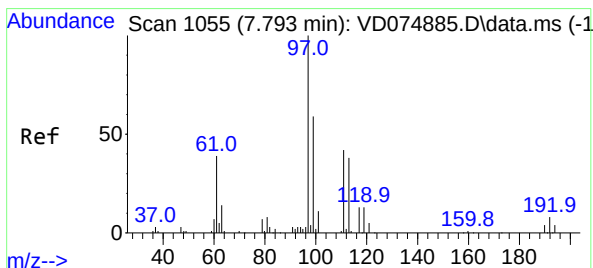
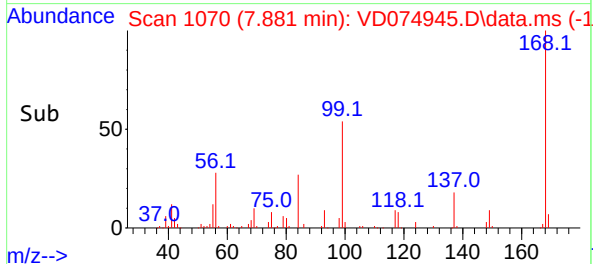
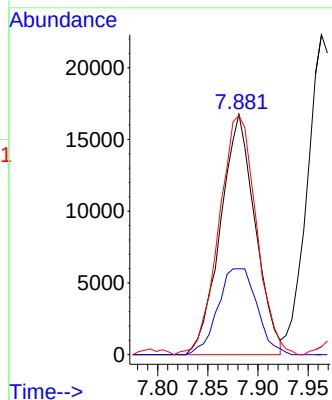
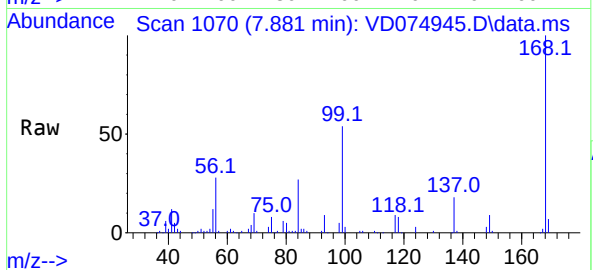
Tgt Ion: 56 Resp: 40267

Ion Ratio Lower Upper

56 100

69 35.7 29.2 43.8

84 98.3 83.4 125.2



#32

1,1,1-Trichloroethane

Concen: 20.024 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD074945.D

Acq: 16 Nov 2022 13:29

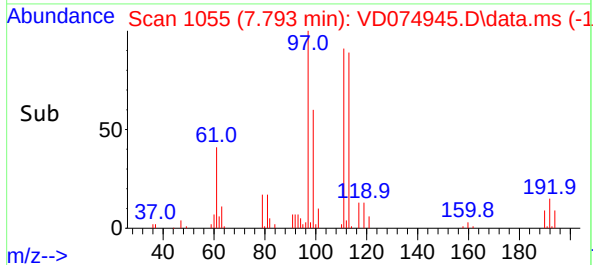
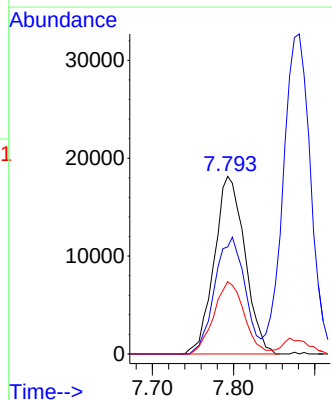
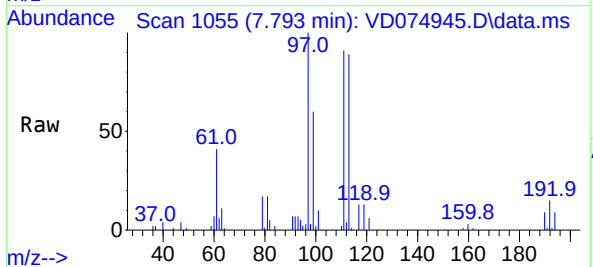
Tgt Ion: 97 Resp: 47573

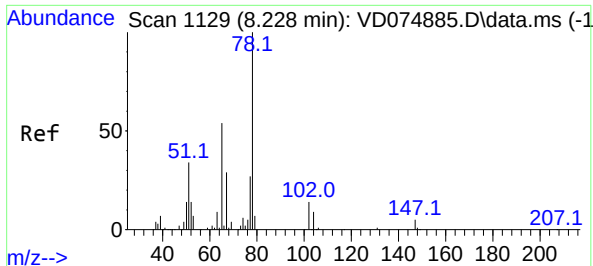
Ion Ratio Lower Upper

97 100

99 64.9 53.3 79.9

61 40.3 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 53.346 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074945.D

Acq: 16 Nov 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

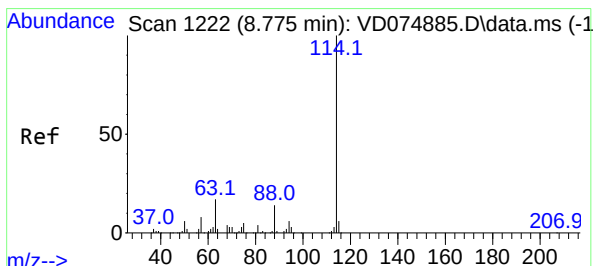
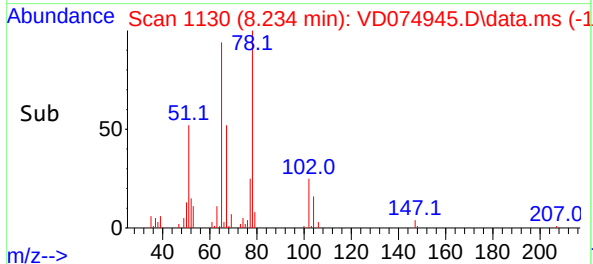
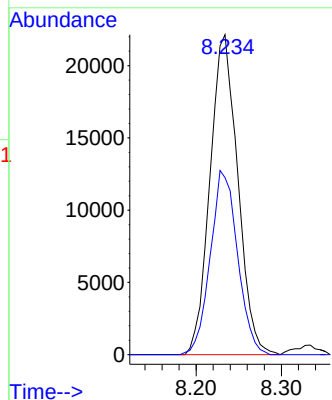
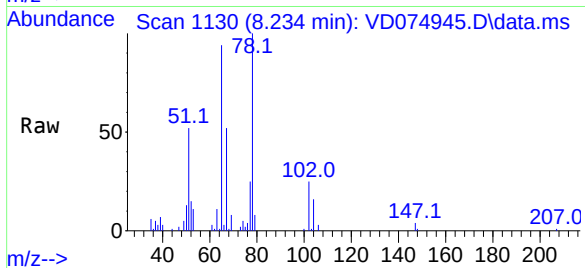
VD1116SBS01

Tgt Ion: 65 Resp: 50088

Ion Ratio Lower Upper

65 100

67 56.5 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074945.D

Acq: 16 Nov 2022 13:29

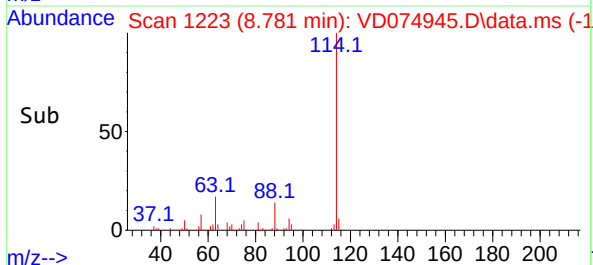
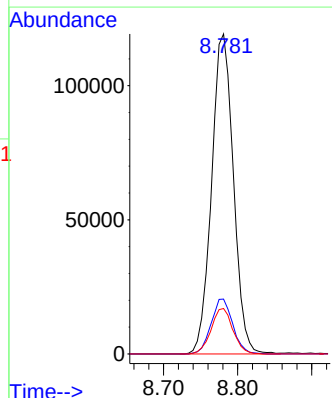
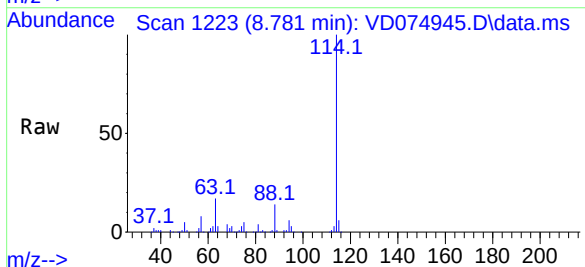
Tgt Ion: 114 Resp: 243860

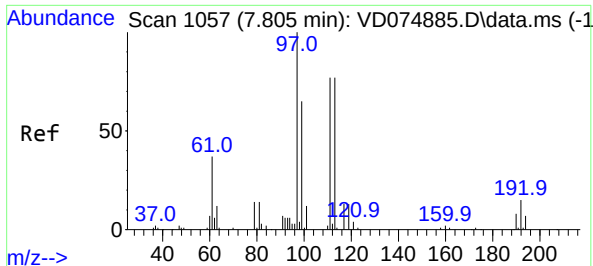
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.2

88 14.2 0.0 28.2

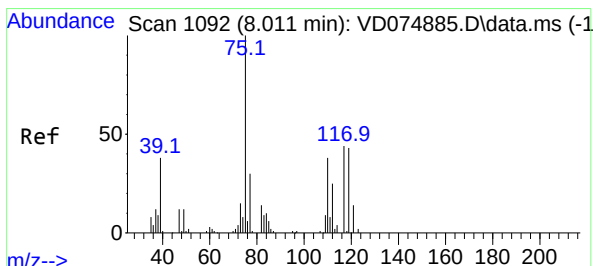
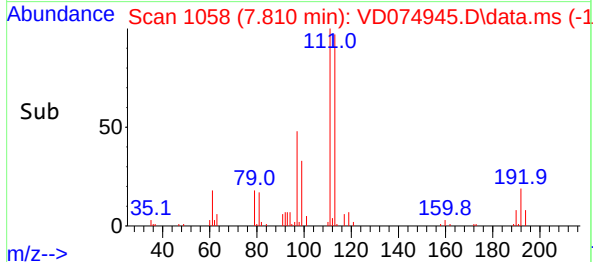
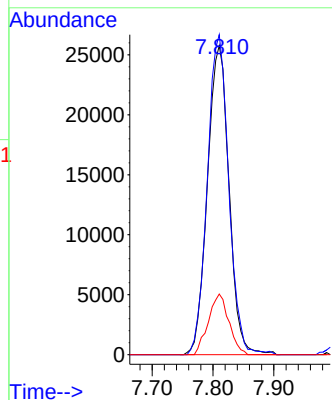
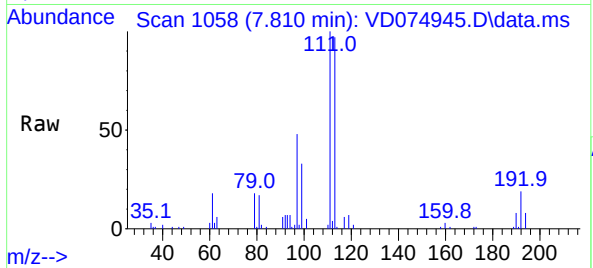




#35
Dibromofluoromethane
Concen: 42.252 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

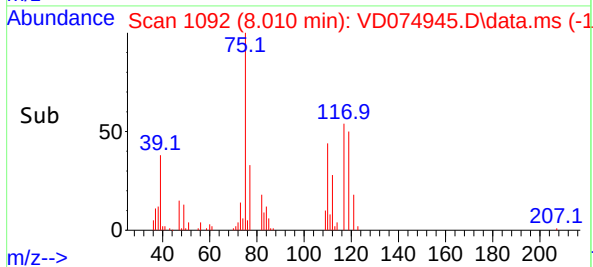
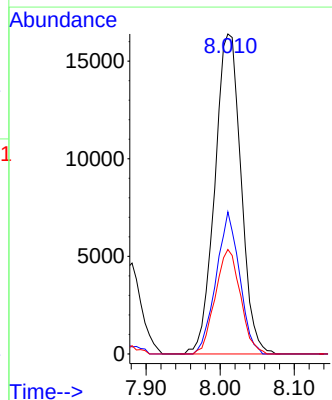
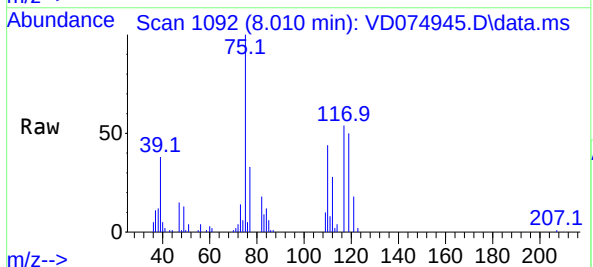
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

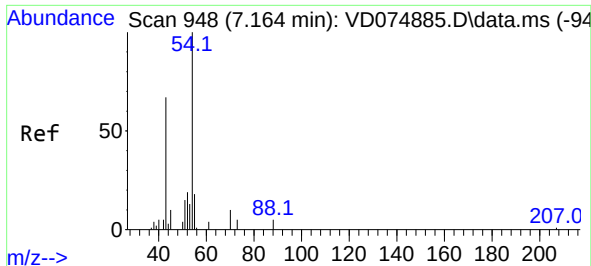
Tgt Ion:113 Resp: 63514
Ion Ratio Lower Upper
113 100
111 102.7 82.3 123.5
192 18.7 16.4 24.6



#36
1,1-Dichloropropene
Concen: 18.191 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.001 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 75 Resp: 40188
Ion Ratio Lower Upper
75 100
110 39.7 19.7 59.0
77 31.4 25.4 38.2

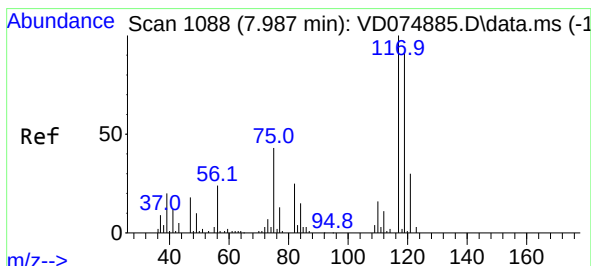
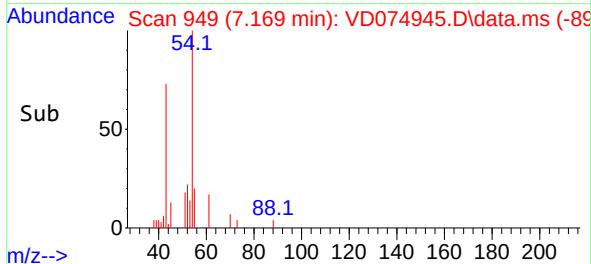
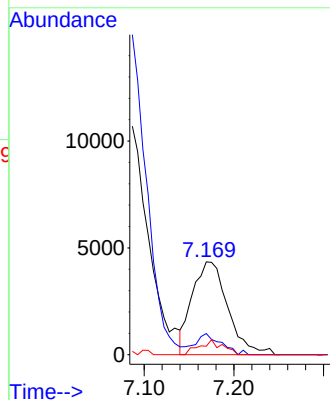
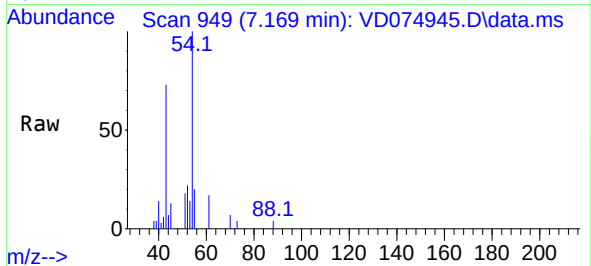




#37
Ethyl Acetate
Concen: 16.116 ug/l
RT: 7.169 min Scan# 94
Delta R.T. 0.005 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

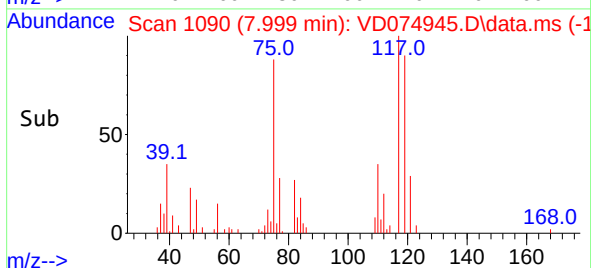
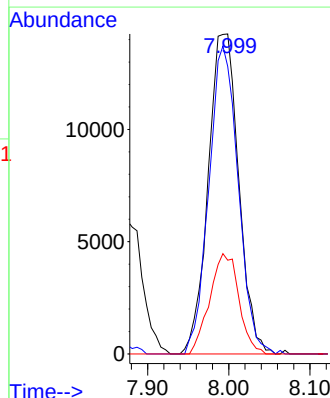
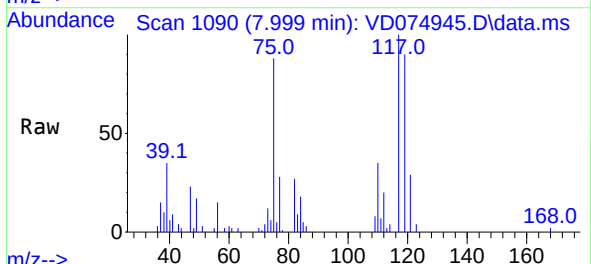
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBSD01

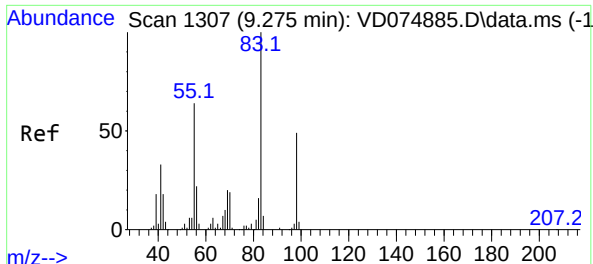
Tgt Ion: 43 Resp: 11947
Ion Ratio Lower Upper
43 100
61 16.2 12.2 18.4
70 10.4 9.6 14.4



#38
Carbon Tetrachloride
Concen: 17.927 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.012 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 117 Resp: 37281
Ion Ratio Lower Upper
117 100
119 89.8 73.1 109.7
121 29.3 25.0 37.6

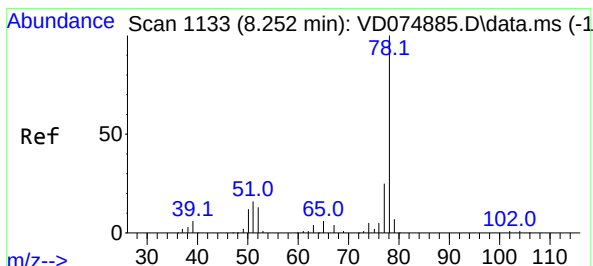
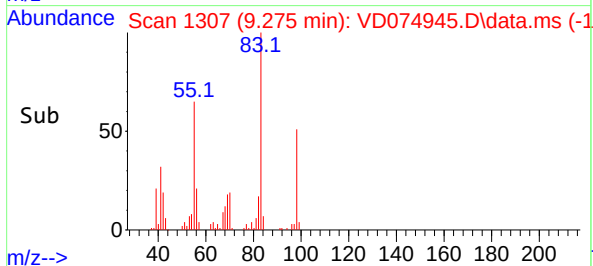
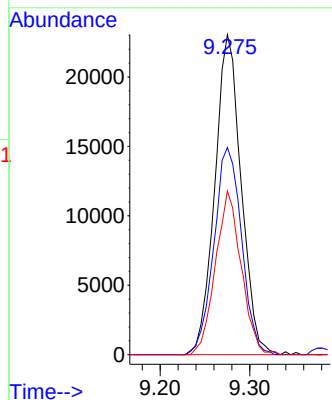
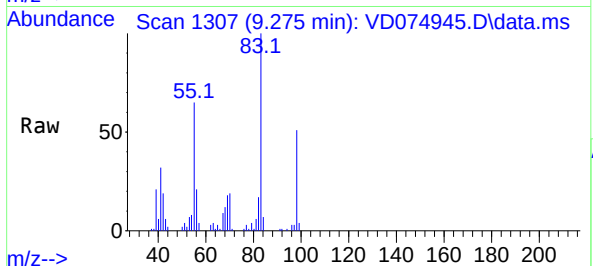




#39
Methylcyclohexane
Concen: 19.832 ug/l
RT: 9.275 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

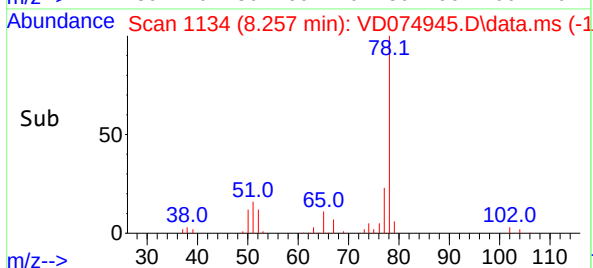
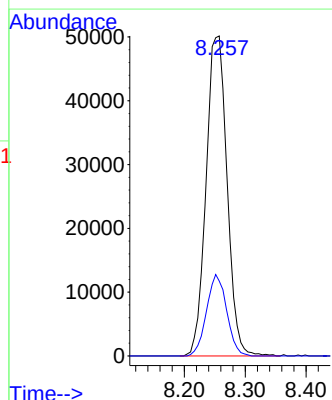
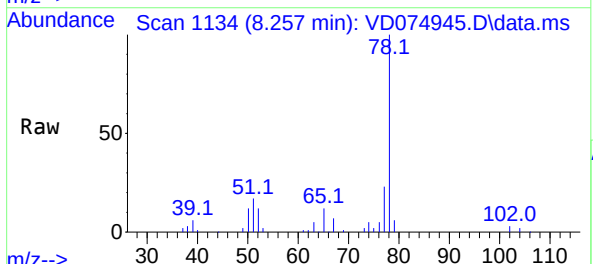
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

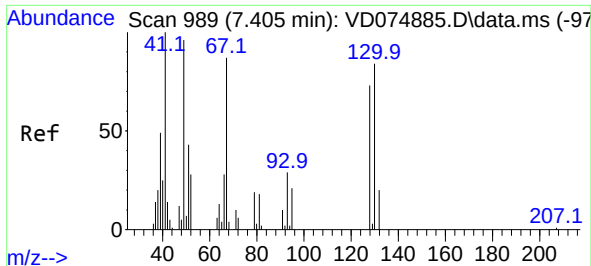
Tgt Ion:	83	Resp:	46938
Ion	Ratio	Lower	Upper
83	100		
55	64.8	49.0	73.4
98	51.1	41.7	62.5



#40
Benzene
Concen: 18.892 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.005 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion:	78	Resp:	120014
Ion	Ratio	Lower	Upper
78	100		
77	23.4	20.1	30.1



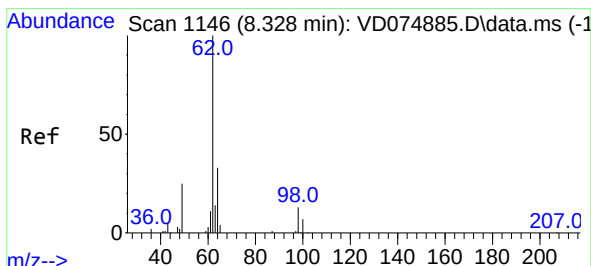
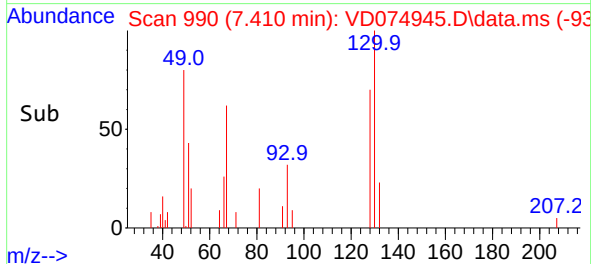
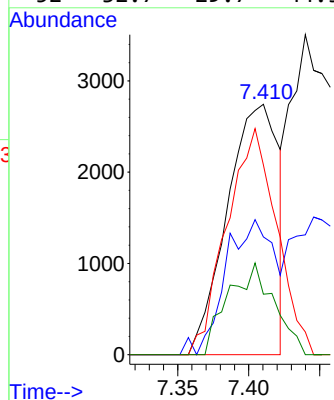
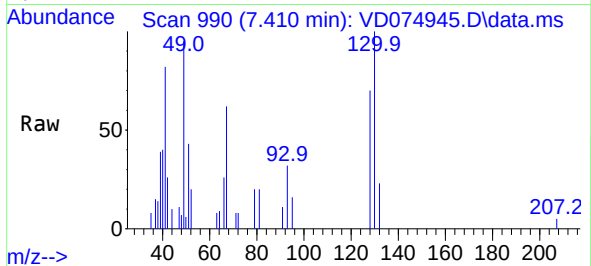


#41
Methacrylonitrile
Concen: 17.491 ug/l
RT: 7.410 min Scan# 911
Delta R.T. 0.005 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Instrument :
MSVOA_D
ClientSampleId :
VD1116SBSD01

Tgt Ion: 41 Resp: 6877

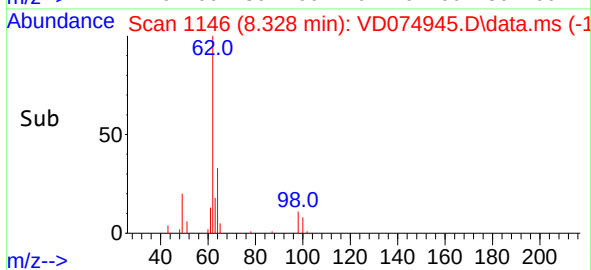
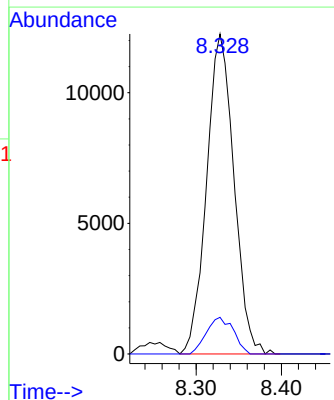
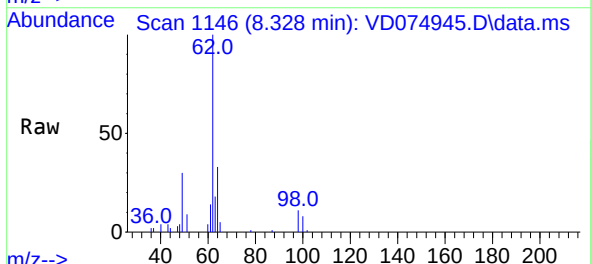
Ion	Ratio	Lower	Upper
41	100		
39	51.6	35.0	52.6
67	88.0	77.0	115.6
52	32.7	29.7	44.5

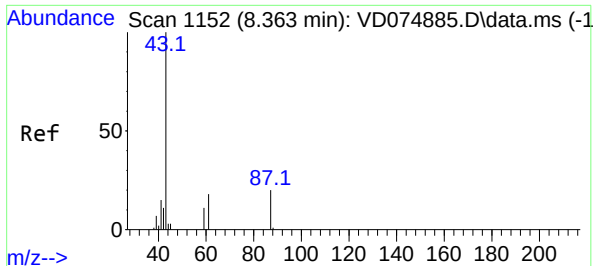


#42
1,2-Dichloroethane
Concen: 17.961 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 62 Resp: 27306

Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	24.2

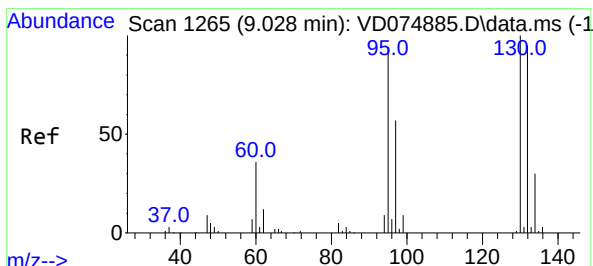
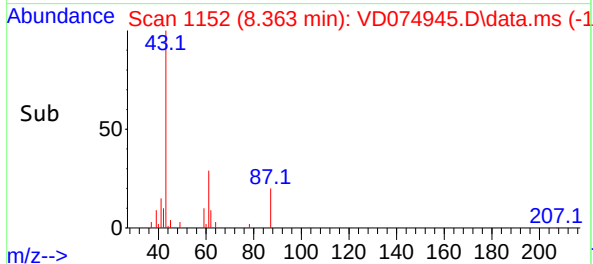
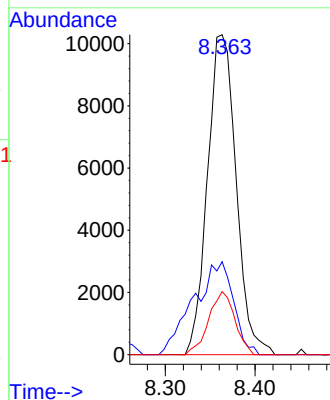
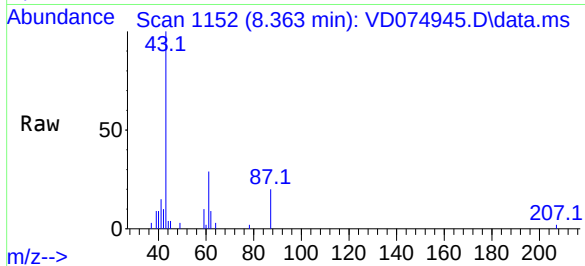




#43
Isopropyl Acetate
Concen: 17.503 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

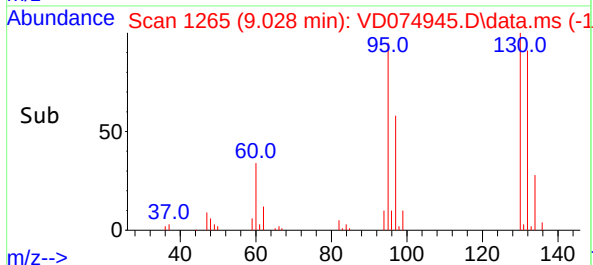
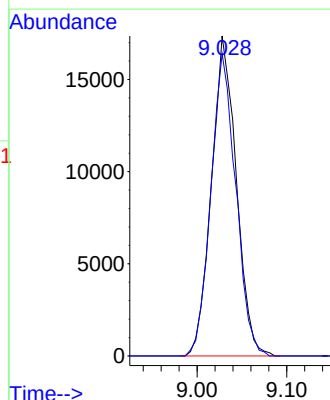
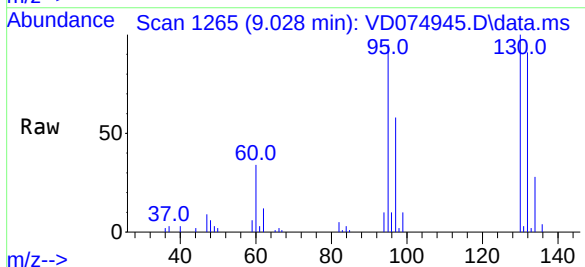
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

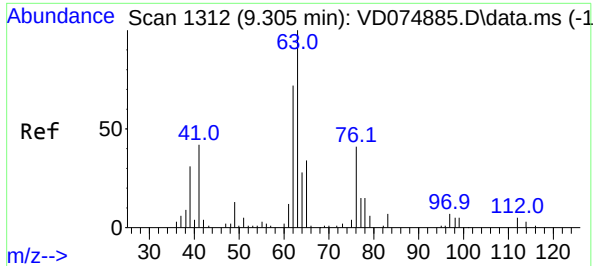
Tgt Ion:	43	Resp:	22853
Ion	Ratio	Lower	Upper
43	100		
61	40.5	30.9	46.3
87	18.0	14.3	21.5



#44
Trichloroethene
Concen: 19.851 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion:	130	Resp:	33317
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	185.4

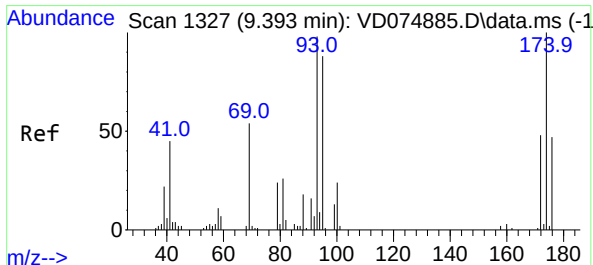
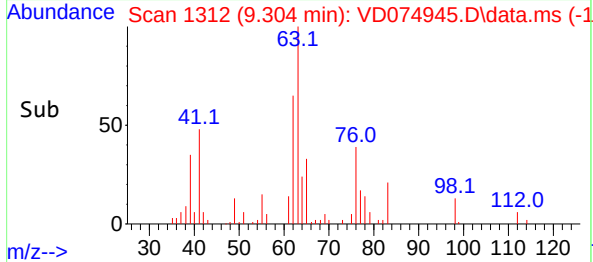
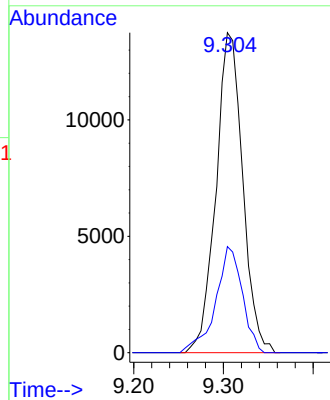
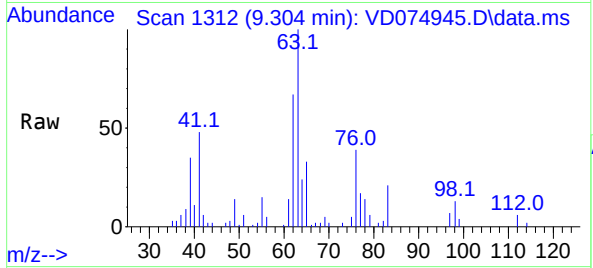




#45
1,2-Dichloropropane
Concen: 19.931 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

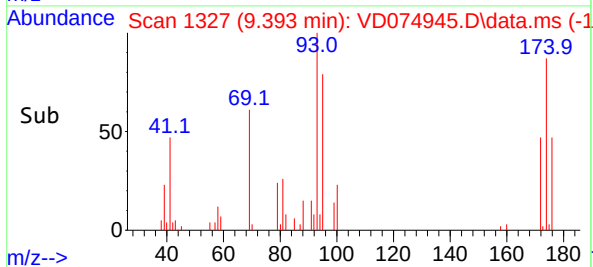
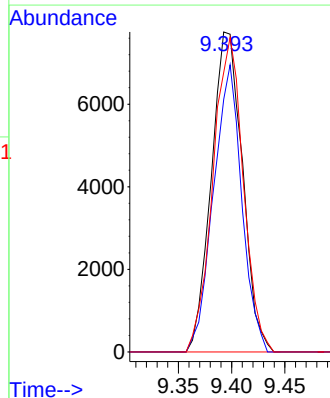
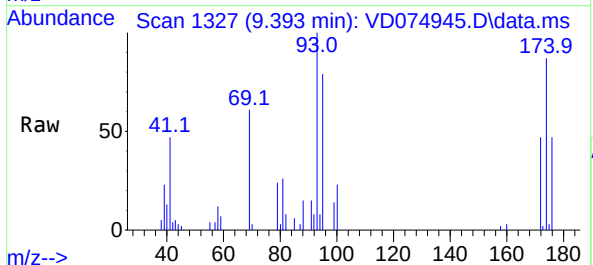
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

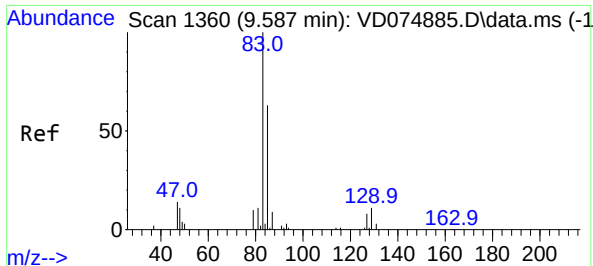
Tgt Ion: 63 Resp: 28449
Ion Ratio Lower Upper
63 100
65 33.2 23.1 34.7



#46
Dibromomethane
Concen: 19.619 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 93 Resp: 15683
Ion Ratio Lower Upper
93 100
95 81.9 68.2 102.2
174 96.1 87.4 131.0

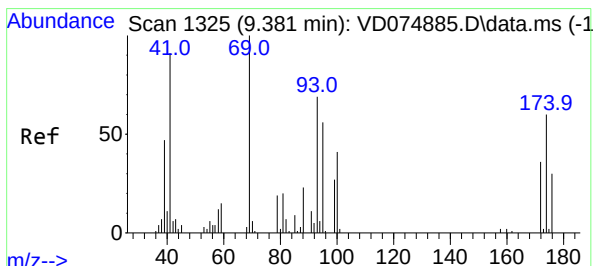
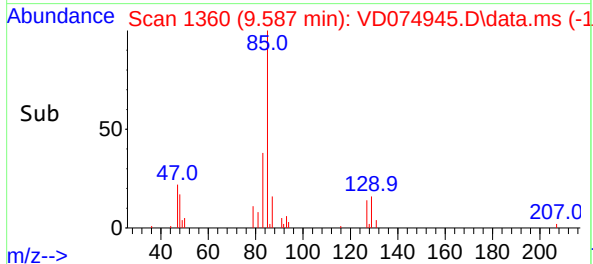
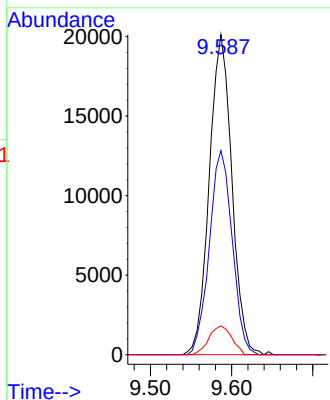
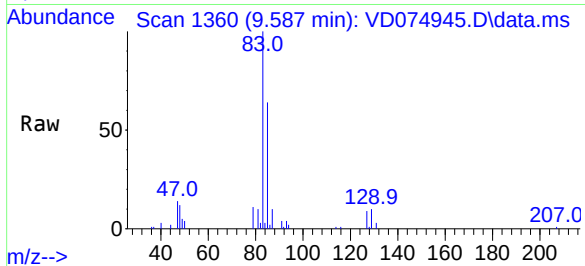




#47
Bromodichloromethane
Concen: 19.586 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

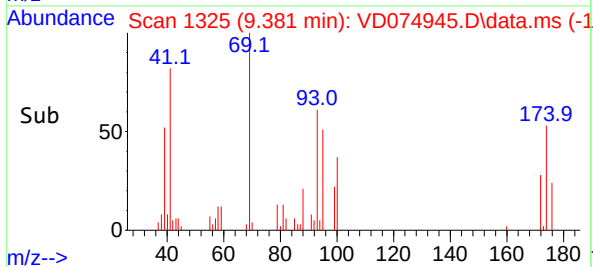
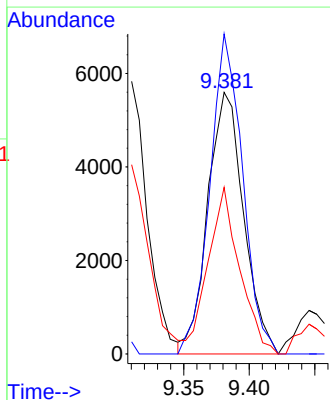
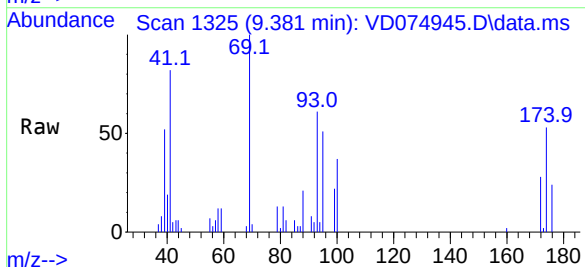
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBSD01

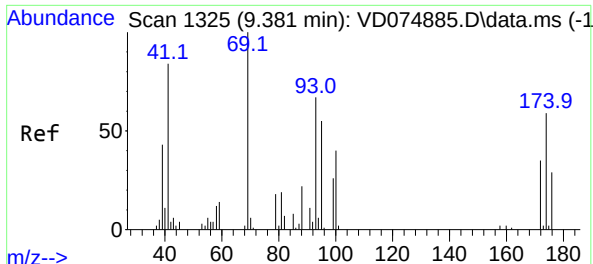
Tgt Ion: 83 Resp: 38857
Ion Ratio Lower Upper
83 100
85 63.7 48.8 73.2
127 9.0 6.7 10.1



#48
Methyl methacrylate
Concen: 18.391 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 41 Resp: 10637
Ion Ratio Lower Upper
41 100
69 111.7 93.0 139.4
39 56.0 44.6 66.8

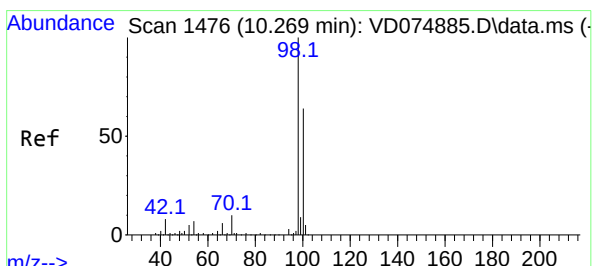
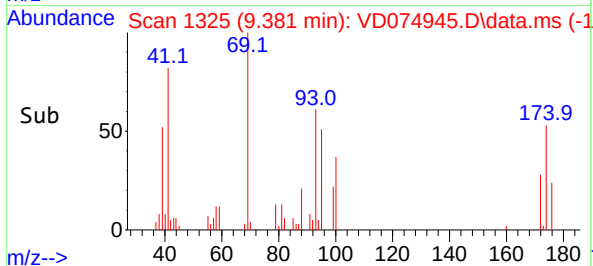
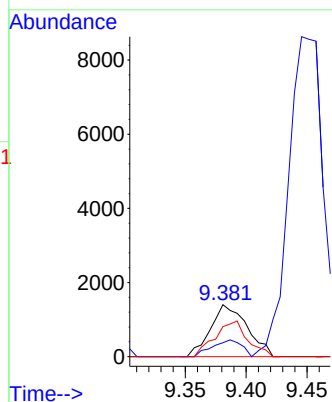
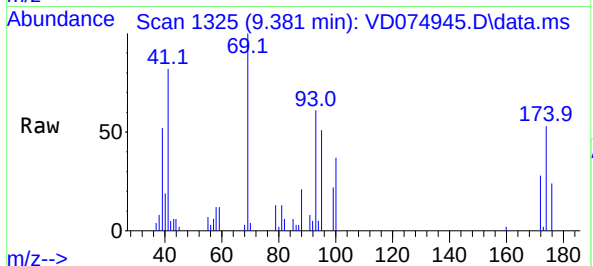




#49
1,4-Dioxane
Concen: 373.534 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

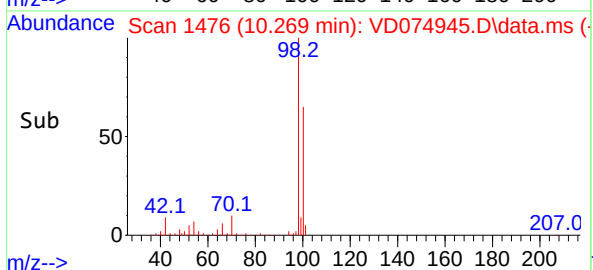
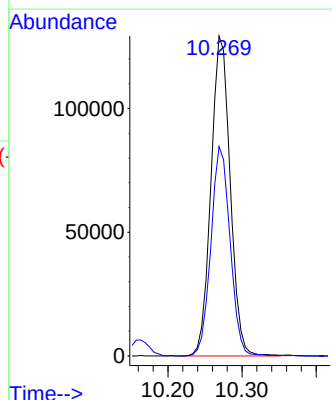
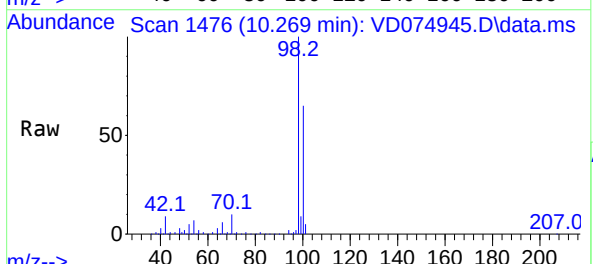
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

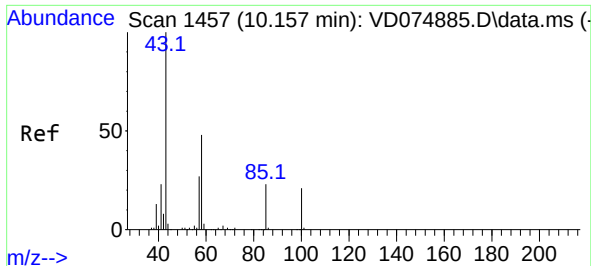
Tgt Ion: 88 Resp: 2930
Ion Ratio Lower Upper
88 100
43 26.1 24.1 36.1
58 61.3 43.1 64.7



#50
Toluene-d8
Concen: 46.971 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 98 Resp: 232588
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0

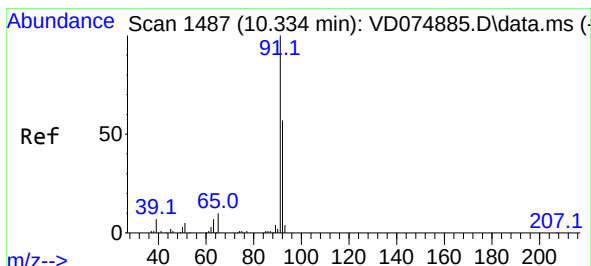
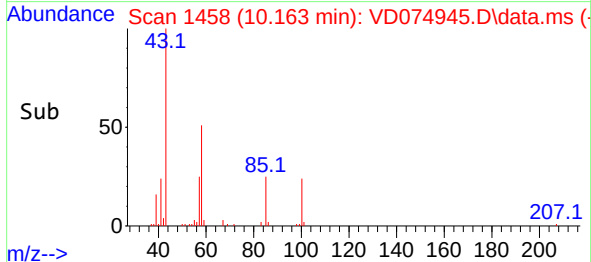
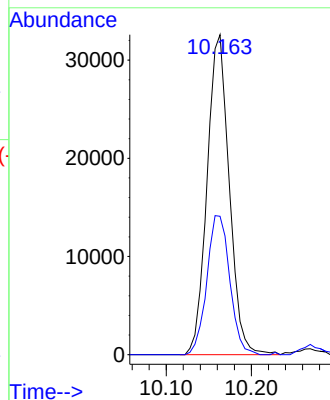
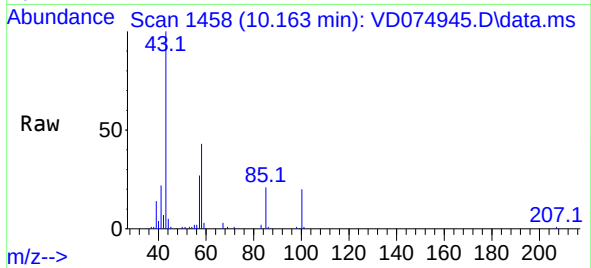




#51
4-Methyl-2-Pentanone
Concen: 94.567 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

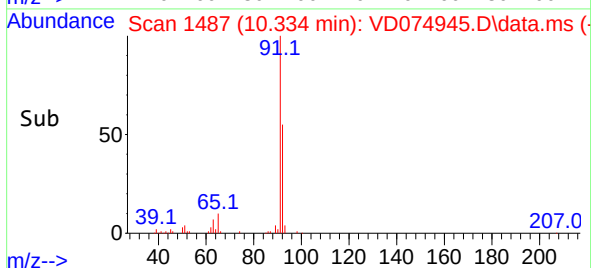
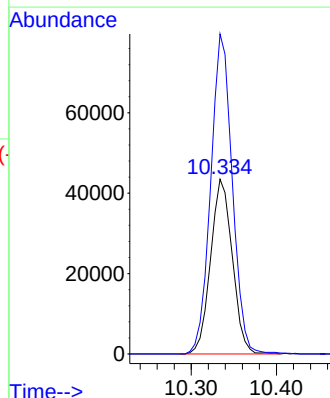
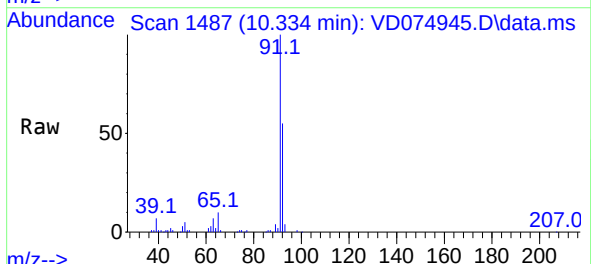
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBSD01

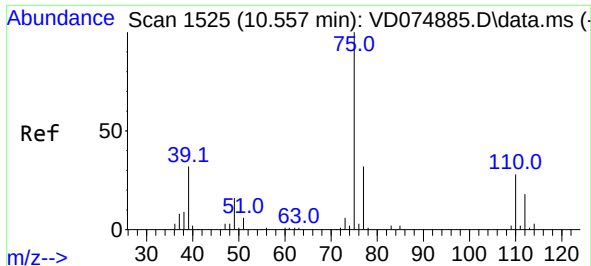
Tgt Ion: 43 Resp: 58864
Ion Ratio Lower Upper
43 100
58 44.9 37.8 56.6



#52
Toluene
Concen: 20.307 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 92 Resp: 77132
Ion Ratio Lower Upper
92 100
91 181.8 139.0 208.4

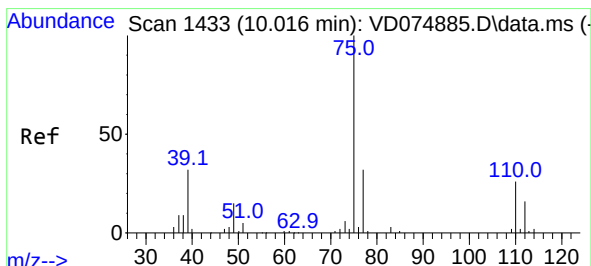
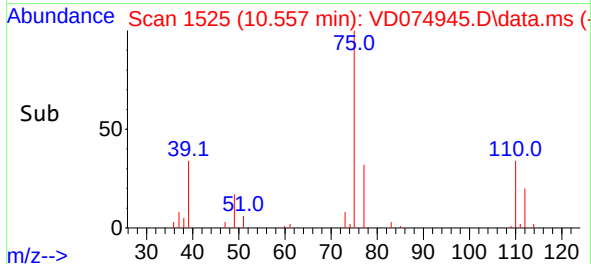
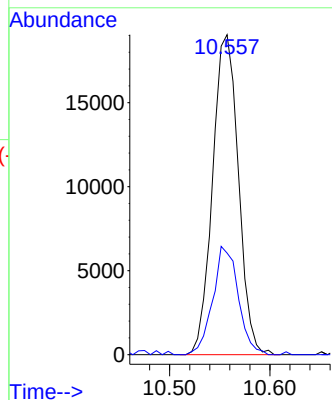
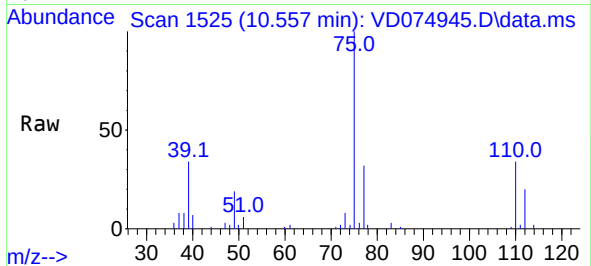




#53
 t-1,3-Dichloropropene
 Concen: 19.426 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD074945.D
 Acq: 16 Nov 2022 13:29

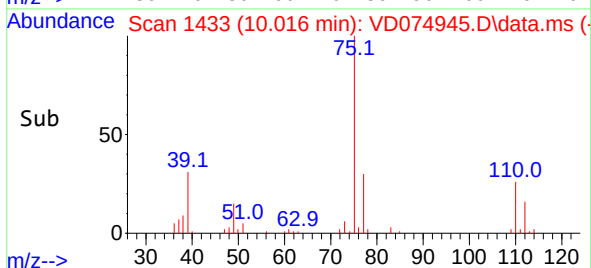
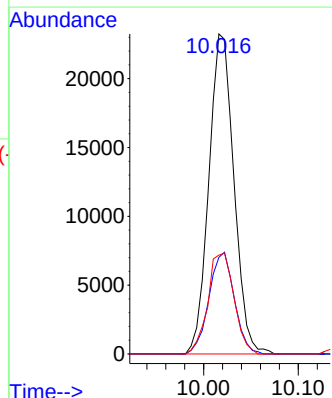
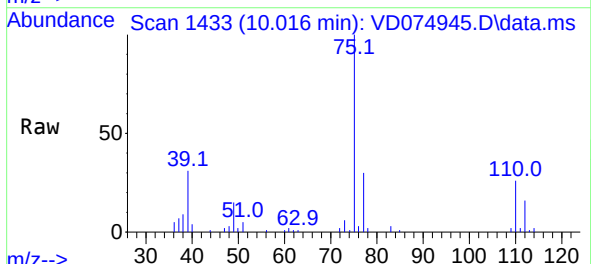
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1116SBS01

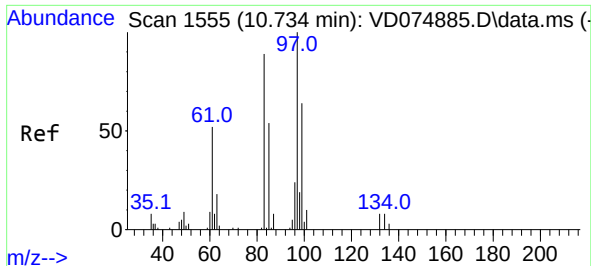
Tgt Ion: 75 Resp: 34045
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.881 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD074945.D
 Acq: 16 Nov 2022 13:29

Tgt Ion: 75 Resp: 42730
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.7 37.1
 39 30.9 25.4 38.2

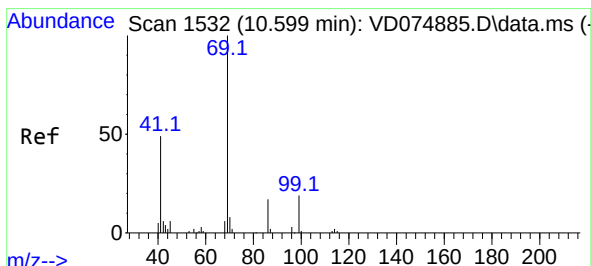
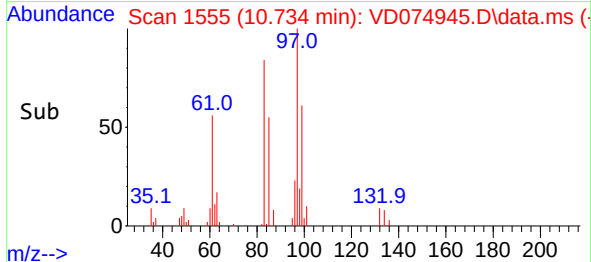
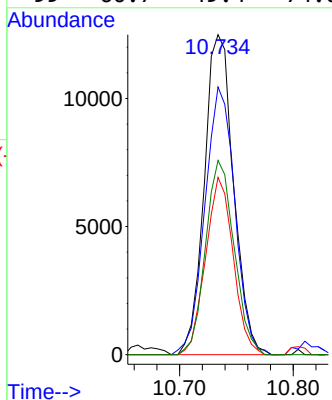
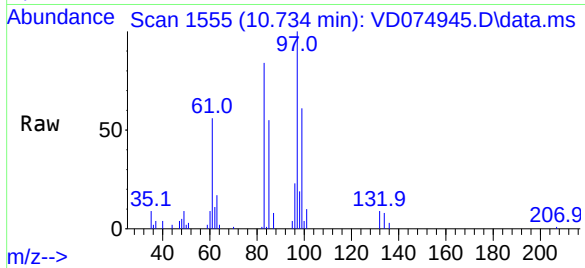




#55
1,1,2-Trichloroethane
Concen: 20.120 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

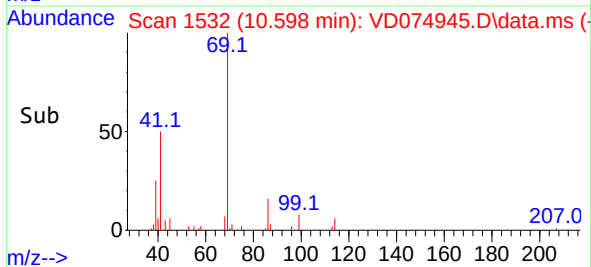
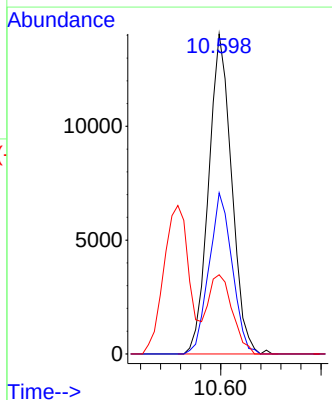
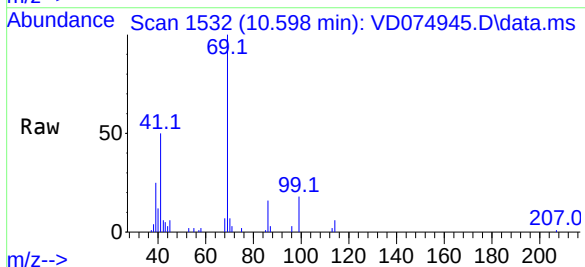
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

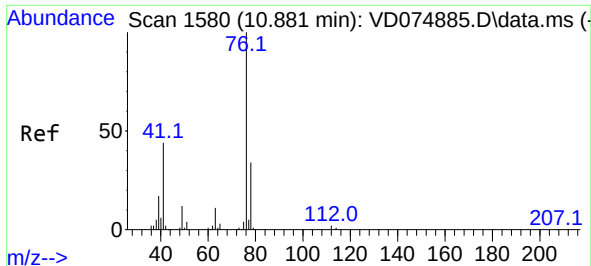
Tgt Ion: 97	Resp: 22364
Ion Ratio	Lower Upper
97 100	
83 83.6	64.8 97.2
85 55.4	44.8 67.2
99 60.7	49.4 74.0



#56
Ethyl methacrylate
Concen: 18.481 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 69	Resp: 22349
Ion Ratio	Lower Upper
69 100	
41 50.8	38.6 58.0
39 25.6	19.9 29.9





#57

1,3-Dichloropropane

Concen: 19.353 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074945.D

Acq: 16 Nov 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

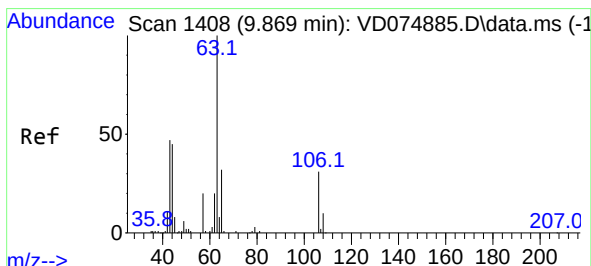
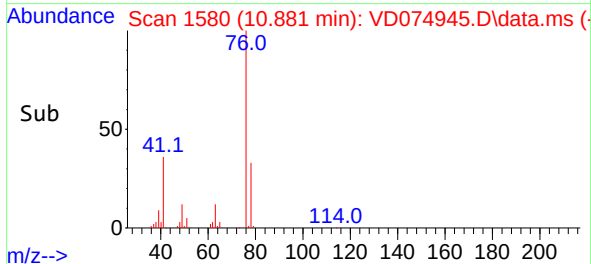
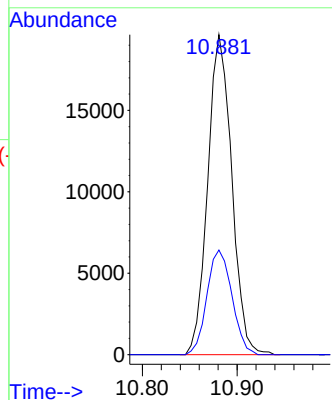
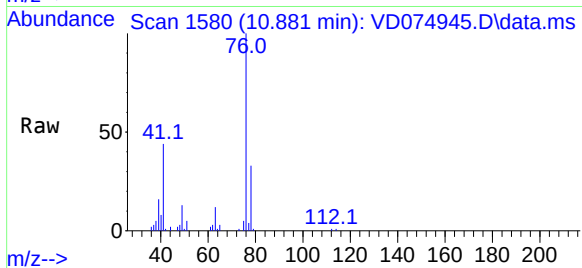
VD1116SBS01

Tgt Ion: 76 Resp: 34583

Ion Ratio Lower Upper

76 100

78 34.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 96.462 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD074945.D

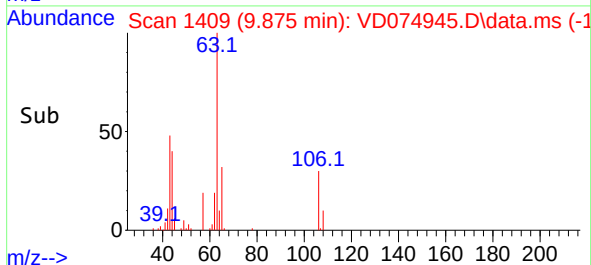
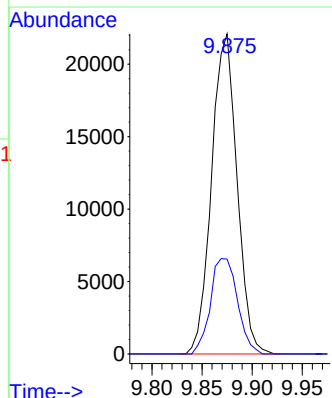
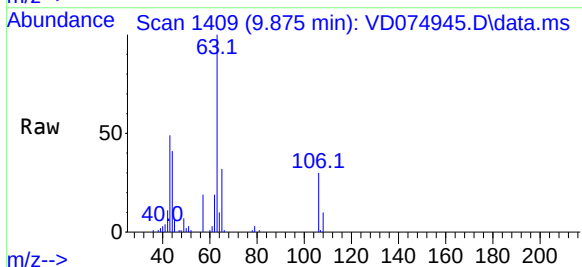
Acq: 16 Nov 2022 13:29

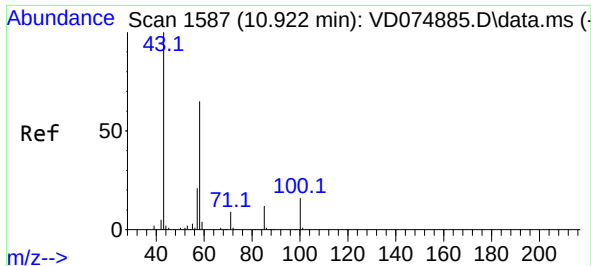
Tgt Ion: 63 Resp: 38964

Ion Ratio Lower Upper

63 100

106 31.7 26.5 39.7

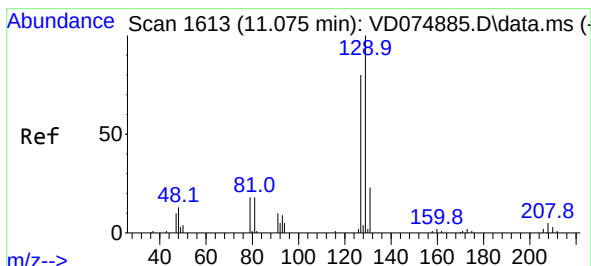
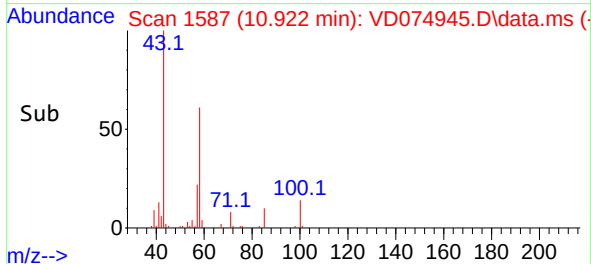
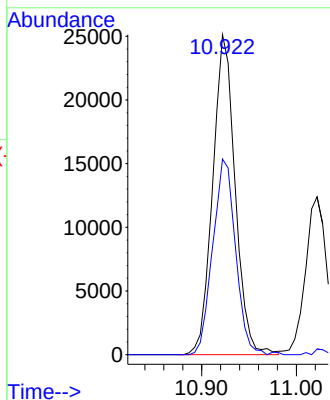
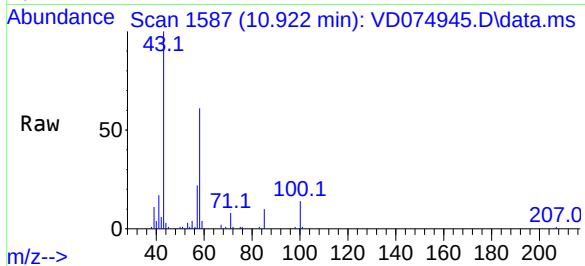




#59
2-Hexanone
Concen: 95.277 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

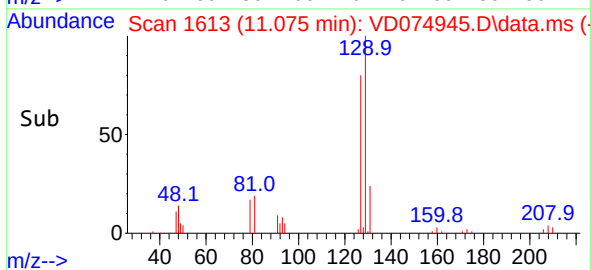
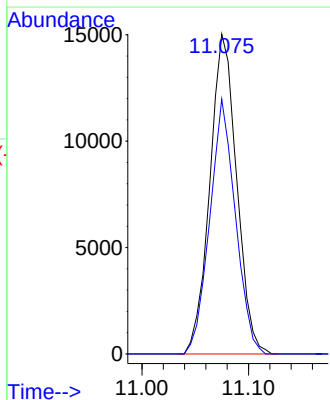
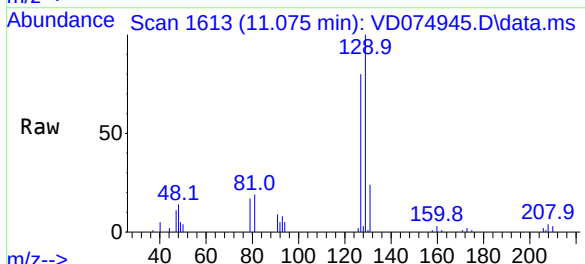
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBSD01

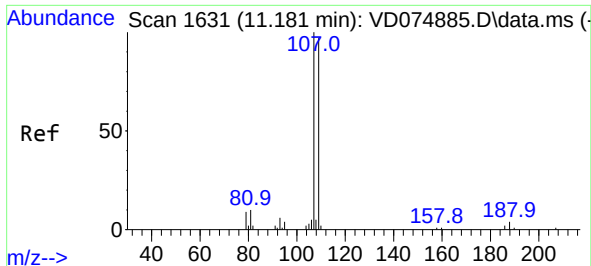
Tgt Ion: 43 Resp: 41343
Ion Ratio Lower Upper
43 100
58 62.4 32.0 96.2



#60
Dibromochloromethane
Concen: 19.911 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 129 Resp: 26255
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.2

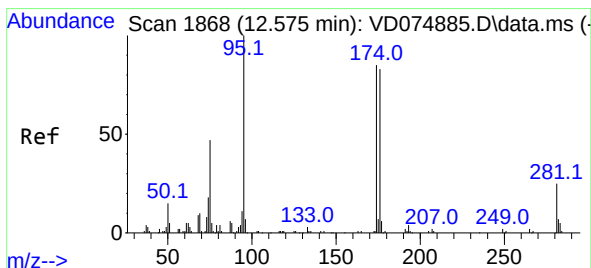
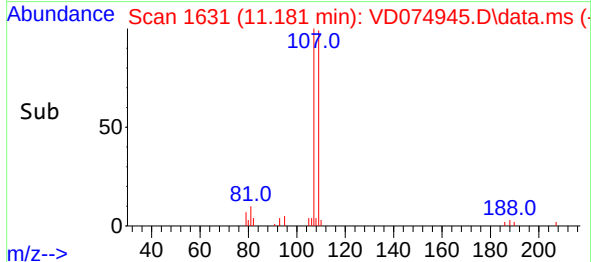
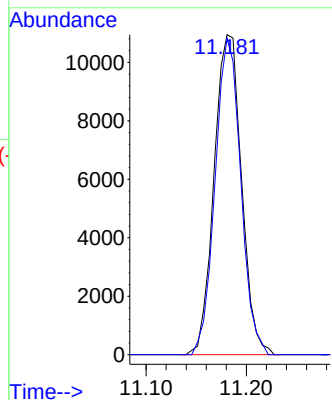
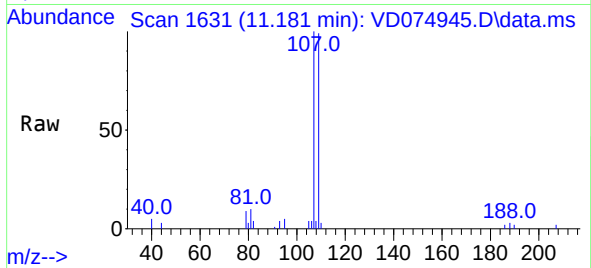




#61
1,2-Dibromoethane
Concen: 19.983 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

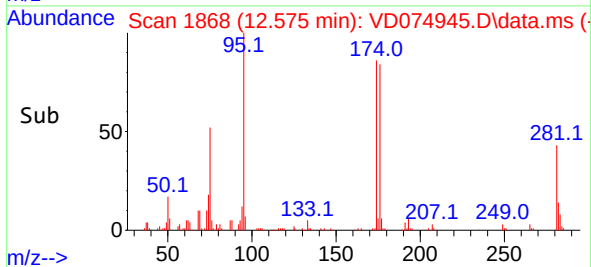
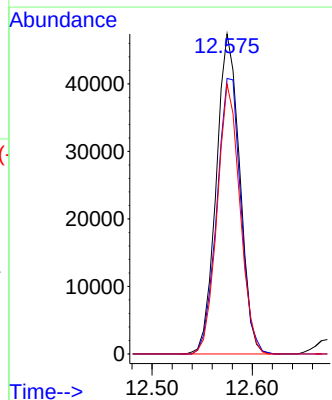
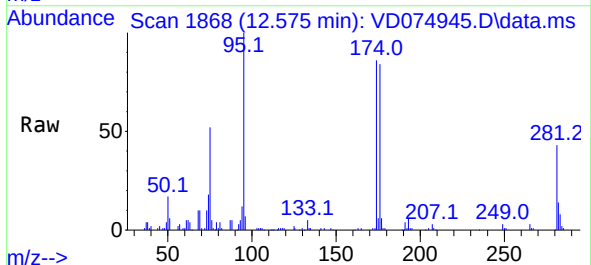
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBSD01

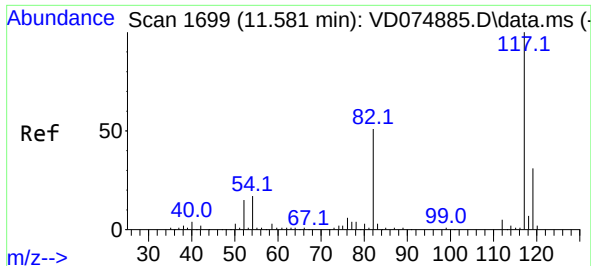
Tgt Ion:107 Resp: 20773
Ion Ratio Lower Upper
107 100
109 92.5 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 50.562 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 95 Resp: 76880
Ion Ratio Lower Upper
95 100
174 87.9 0.0 197.0
176 81.5 0.0 182.6

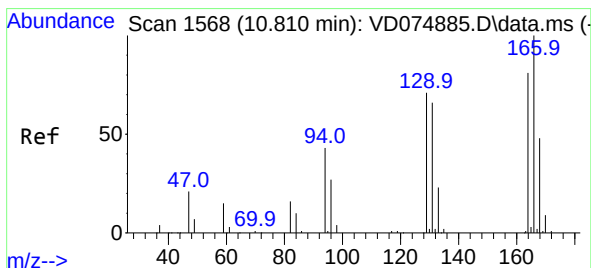
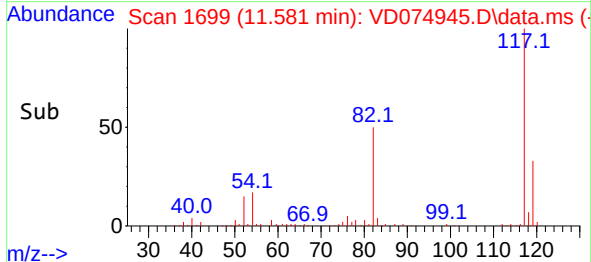
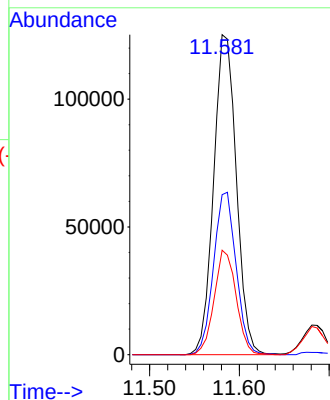
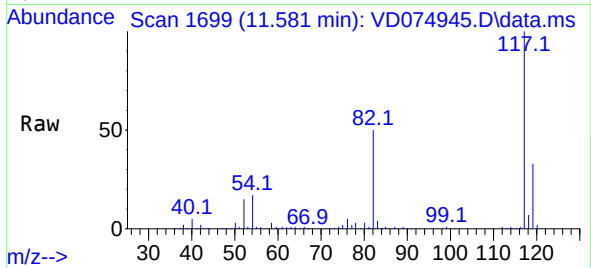




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

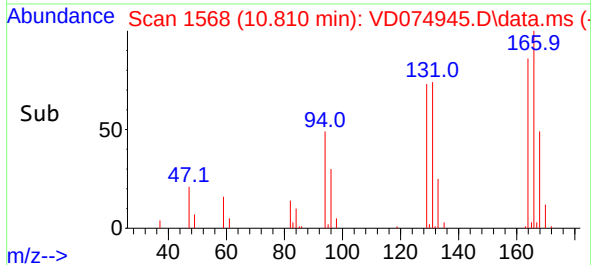
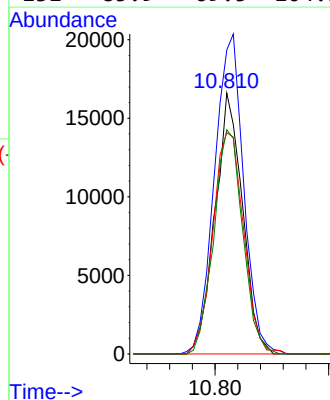
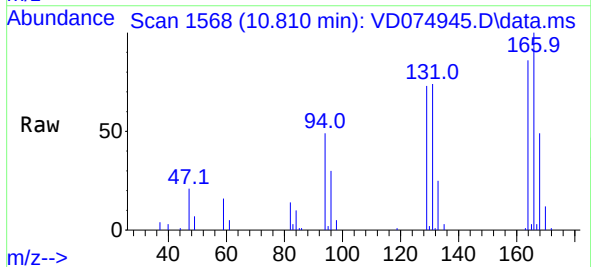
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

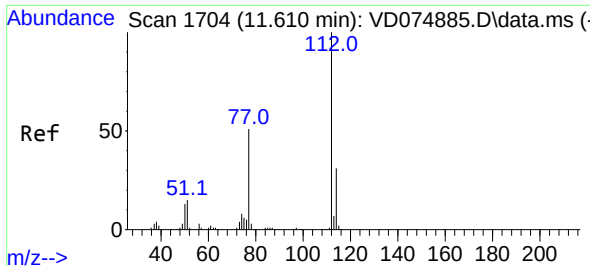
Tgt Ion:117 Resp: 220413
Ion Ratio Lower Upper
117 100
82 50.0 41.6 62.4
119 32.6 25.2 37.8



#64
Tetrachloroethene
Concen: 18.907 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion:164 Resp: 27941
Ion Ratio Lower Upper
164 100
166 116.4 107.8 161.8
129 84.8 77.4 116.2
131 85.9 69.5 104.3

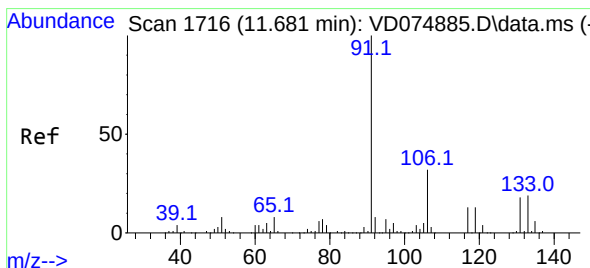
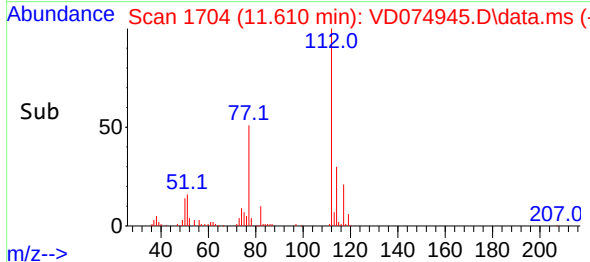
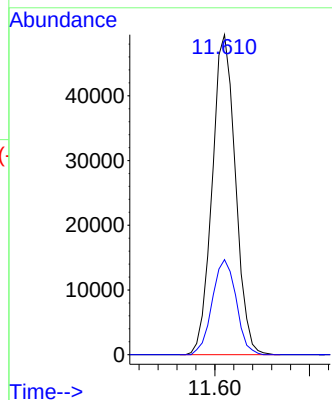
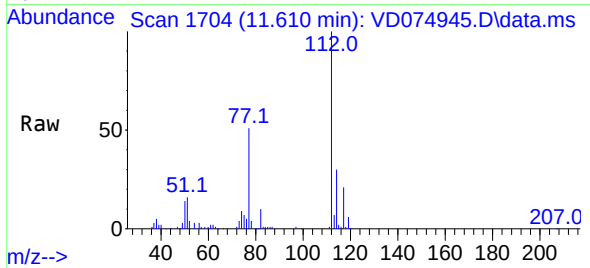




#65
Chlorobenzene
Concen: 19.528 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

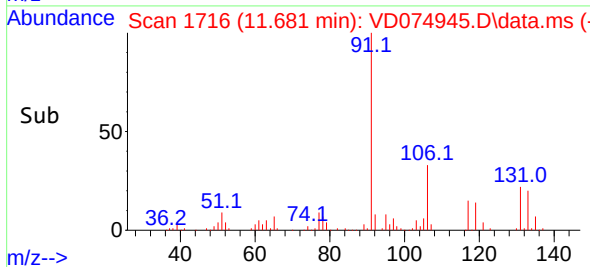
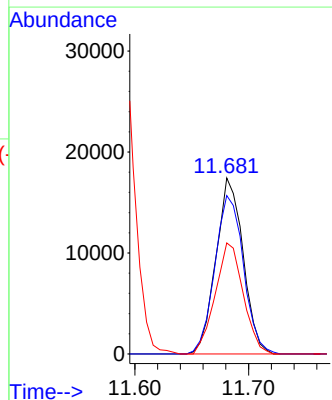
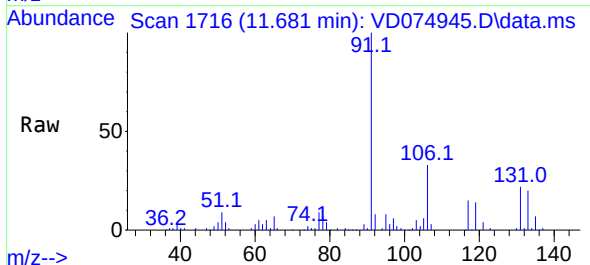
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

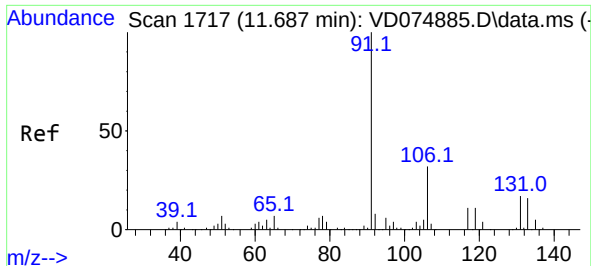
Tgt Ion:112 Resp: 84202
Ion Ratio Lower Upper
112 100
114 29.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.159 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion:131 Resp: 28945
Ion Ratio Lower Upper
131 100
133 95.2 46.6 139.8
119 65.0 32.5 97.4

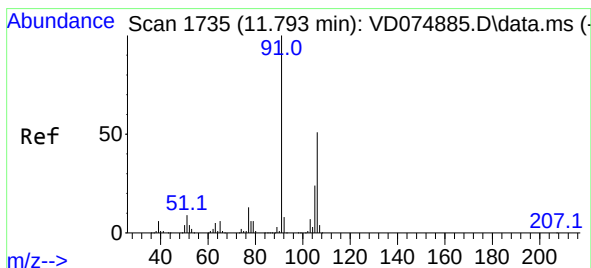
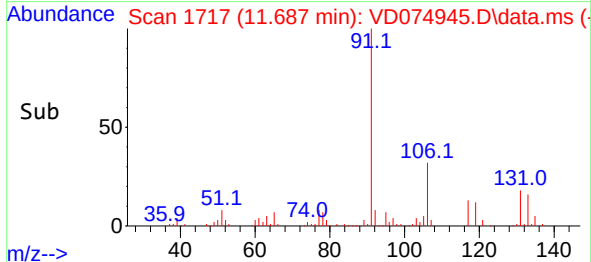
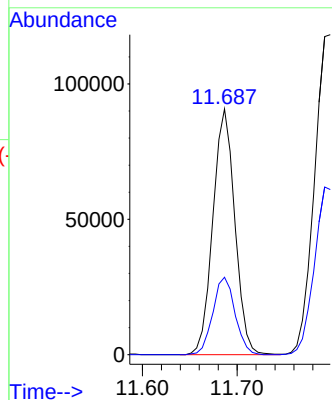
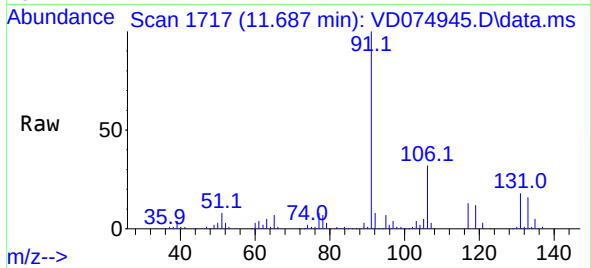




#67
Ethyl Benzene
Concen: 19.462 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

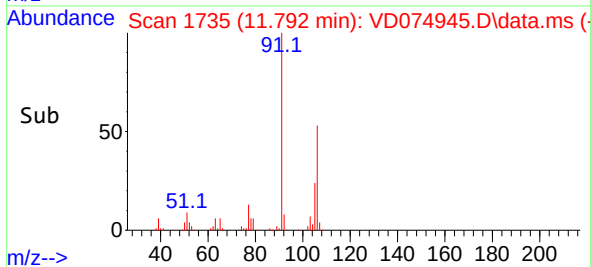
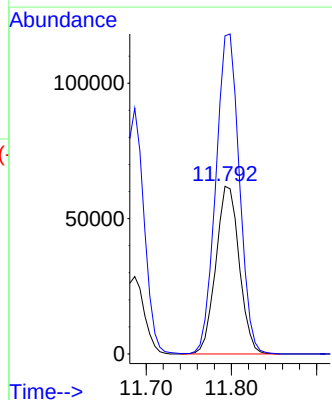
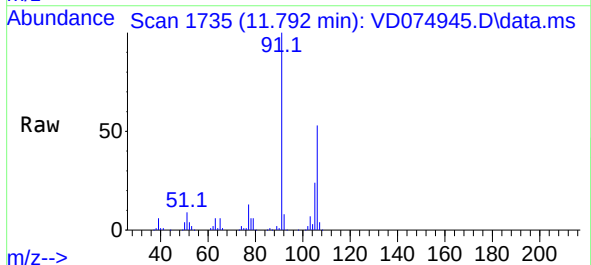
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

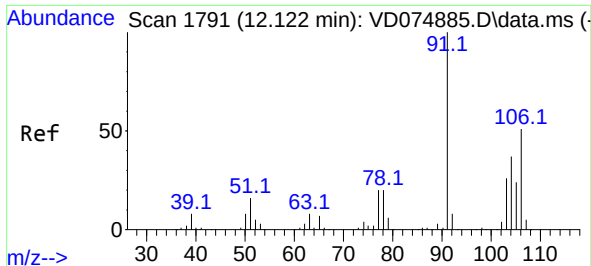
Tgt Ion: 91 Resp: 146199
Ion Ratio Lower Upper
91 100
106 31.5 26.6 40.0



#68
m/p-Xylenes
Concen: 39.455 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 106 Resp: 118174
Ion Ratio Lower Upper
106 100
91 191.9 156.2 234.4

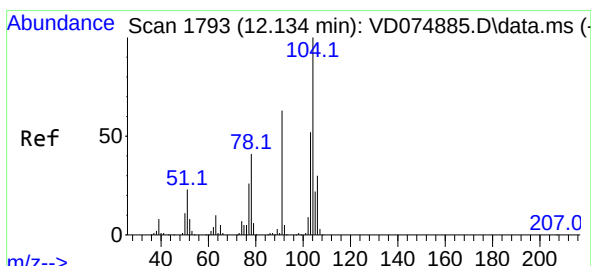
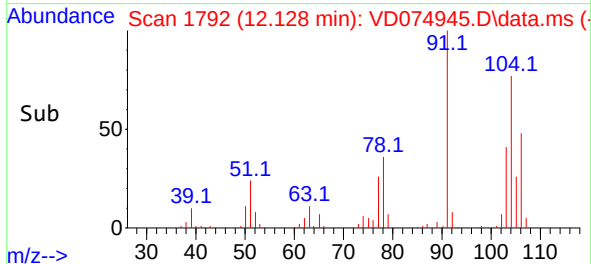
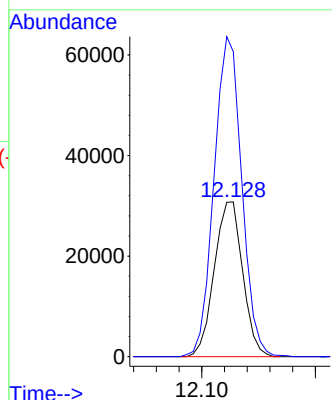
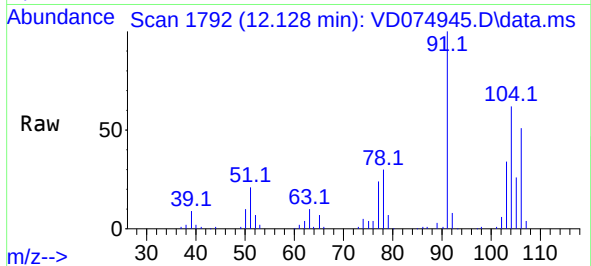




#69
o-Xylene
Concen: 19.370 ug/l
RT: 12.128 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

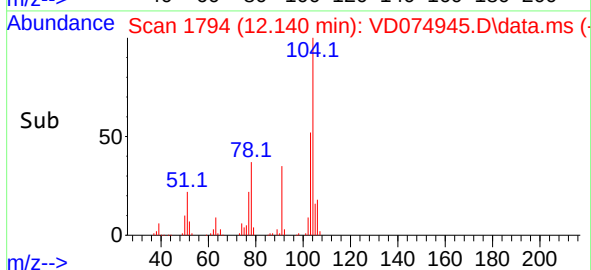
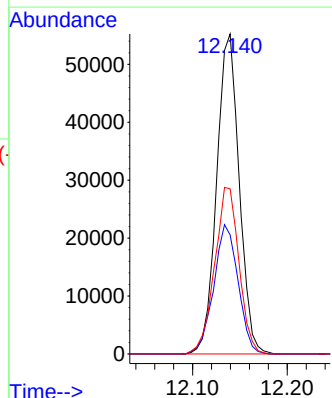
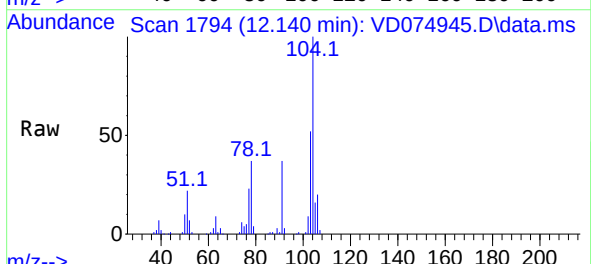
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

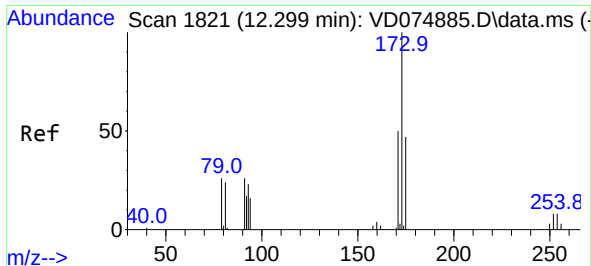
Tgt Ion:106 Resp: 53376
Ion Ratio Lower Upper
106 100
91 202.0 104.5 313.3



#70
Styrene
Concen: 19.320 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion:104 Resp: 91261
Ion Ratio Lower Upper
104 100
78 43.8 35.7 53.5
103 56.3 43.7 65.5

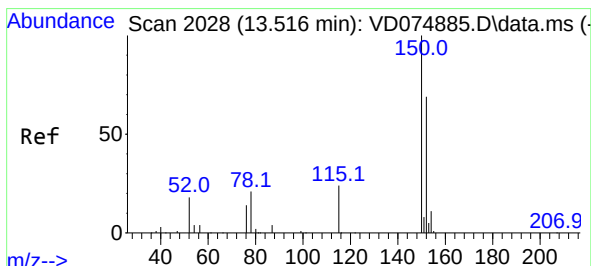
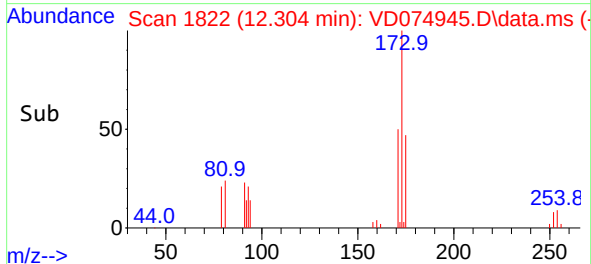
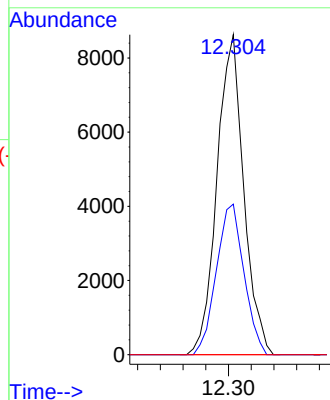
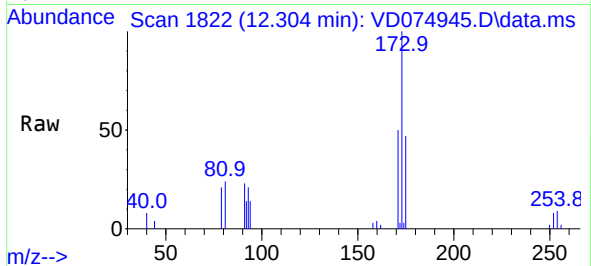




#71
Bromoform
Concen: 18.039 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.005 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

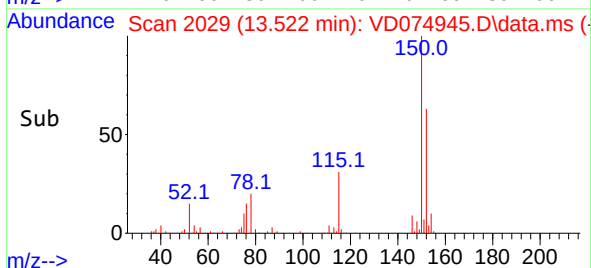
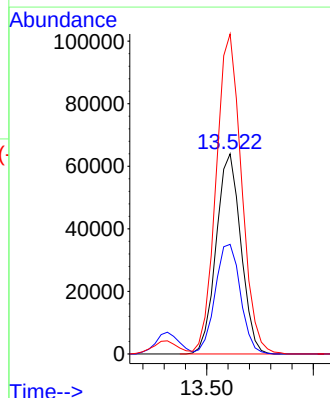
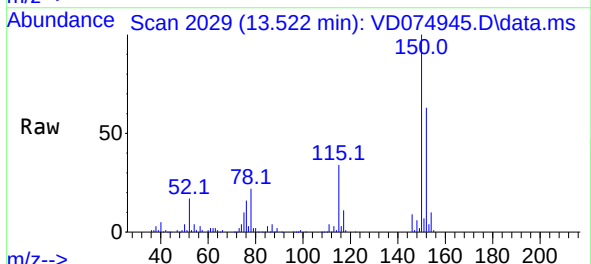
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

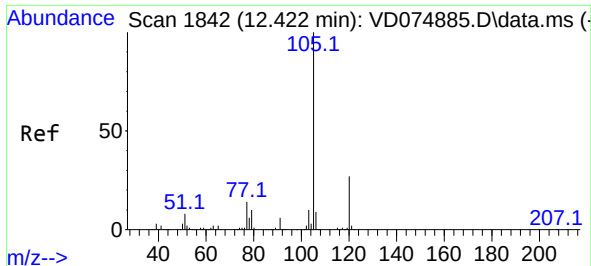
Tgt Ion:173 Resp: 14104
Ion Ratio Lower Upper
173 100
175 48.5 23.1 69.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion:152 Resp: 102758
Ion Ratio Lower Upper
152 100
115 56.4 26.8 80.4
150 165.1 0.0 348.2

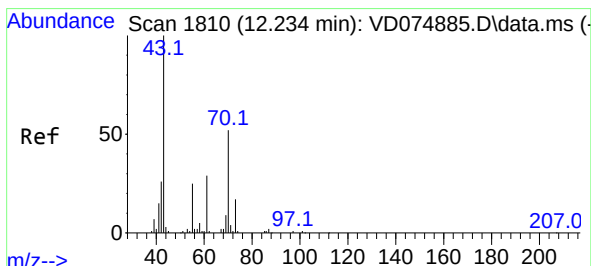
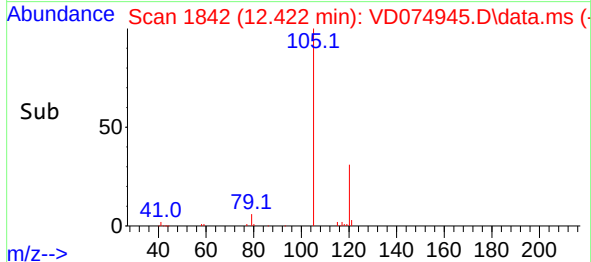
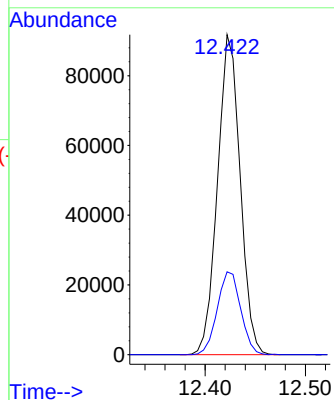
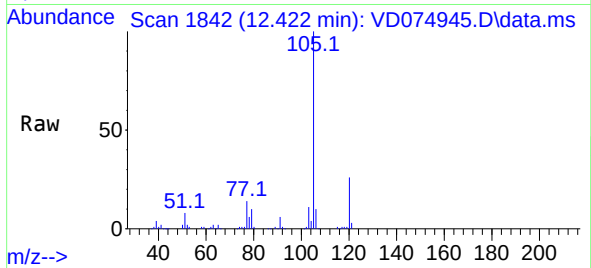




#73
Isopropylbenzene
Concen: 20.303 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

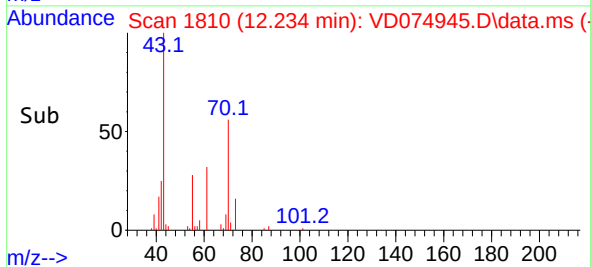
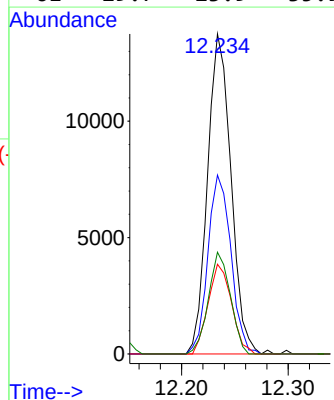
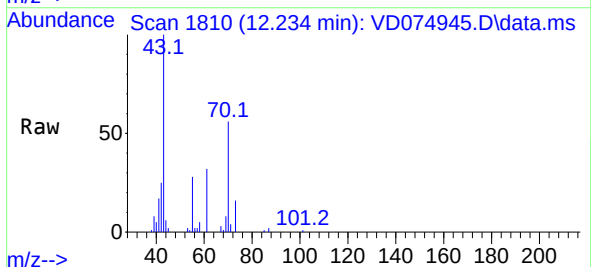
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBSD01

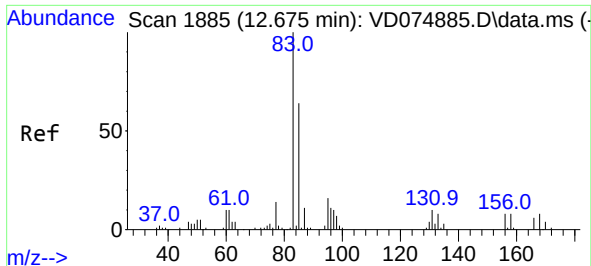
Tgt Ion:105 Resp: 143598
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 18.115 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 43 Resp: 21080
Ion Ratio Lower Upper
43 100
70 54.9 43.8 65.6
55 27.9 22.0 33.0
61 29.7 23.9 35.9

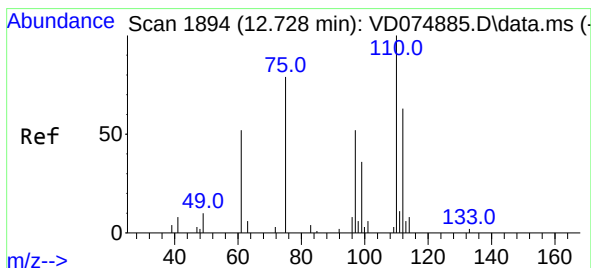
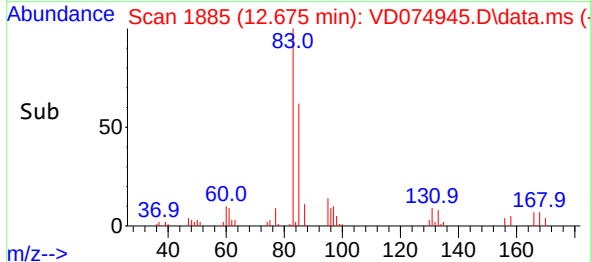
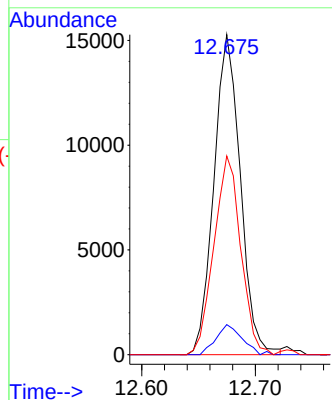
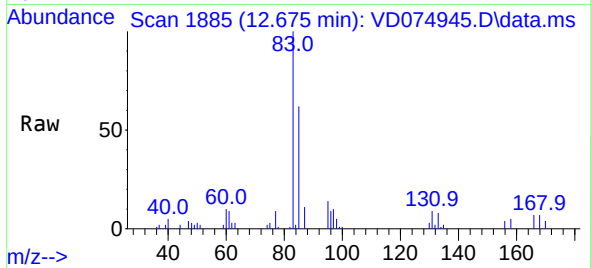




#75
1,1,2,2-Tetrachloroethane
Concen: 19.752 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

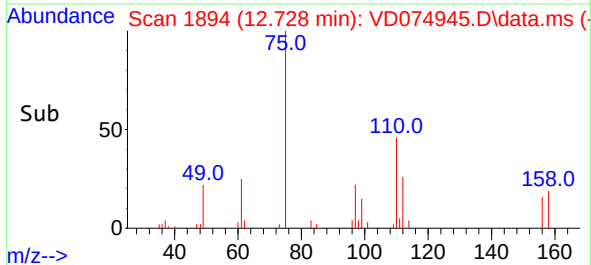
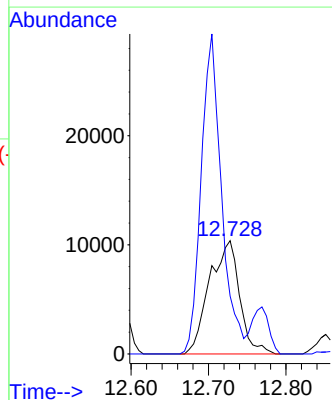
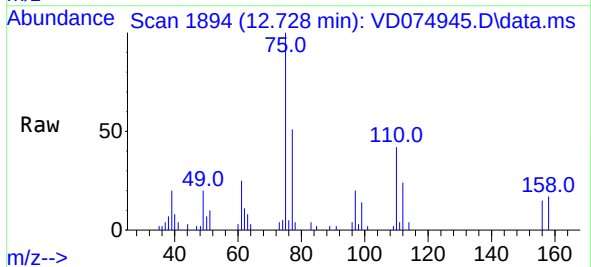
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBSD01

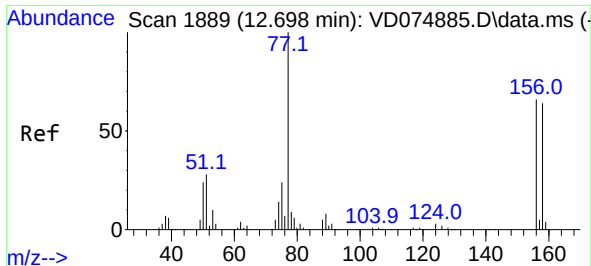
Tgt Ion: 83 Resp: 24711
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.1
85 63.1 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 32.634 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 75 Resp: 28048
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

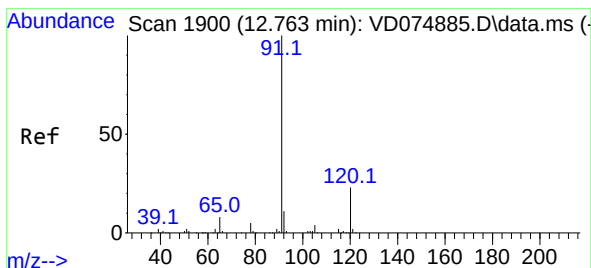
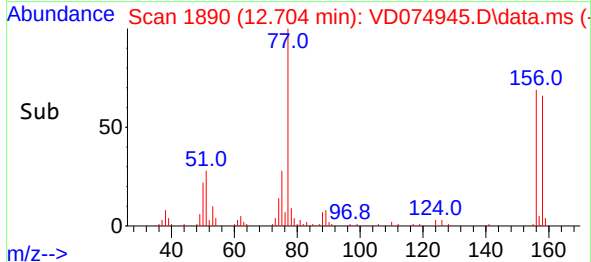
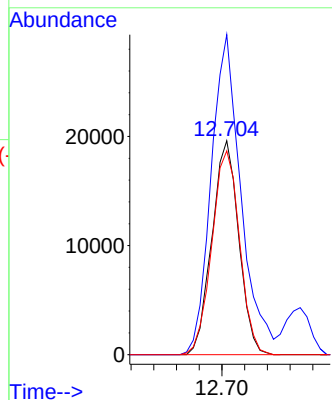
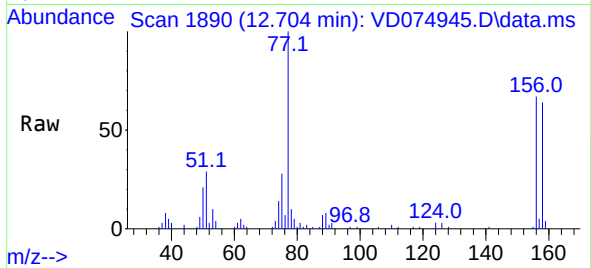




#77
Bromobenzene
Concen: 19.421 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

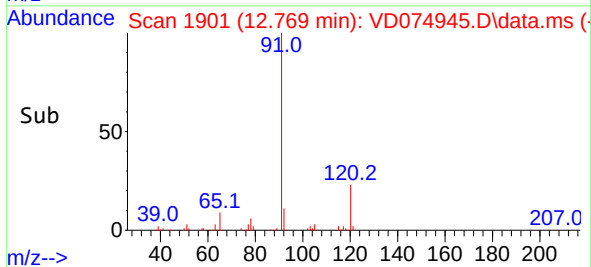
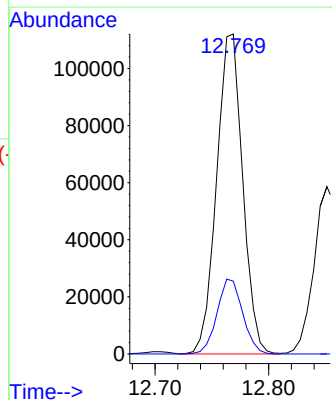
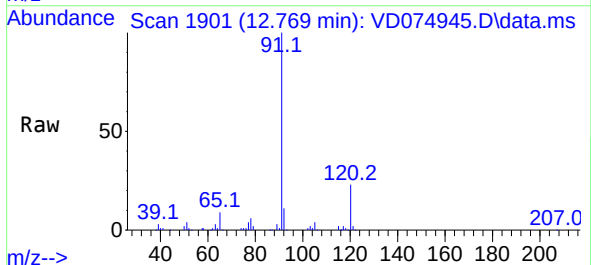
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

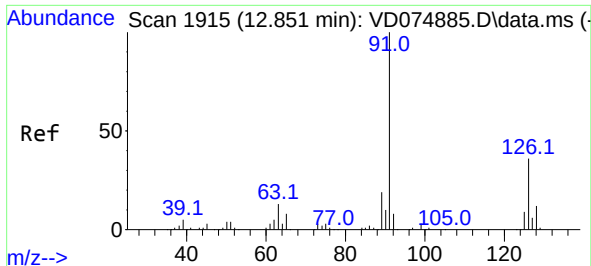
Tgt Ion:156 Resp: 32145
Ion Ratio Lower Upper
156 100
77 166.4 77.7 233.1
158 98.6 49.4 148.2



#78
n-propylbenzene
Concen: 20.568 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 91 Resp: 178820
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.7

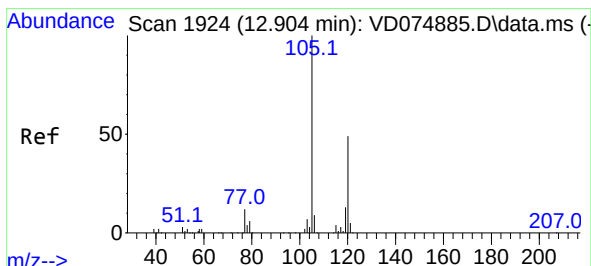
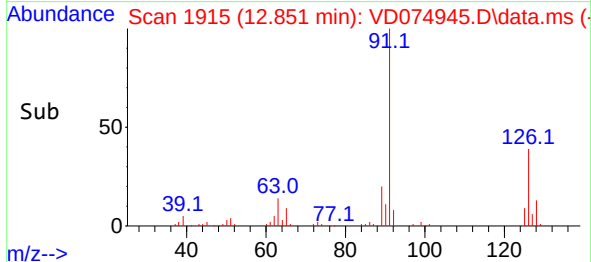
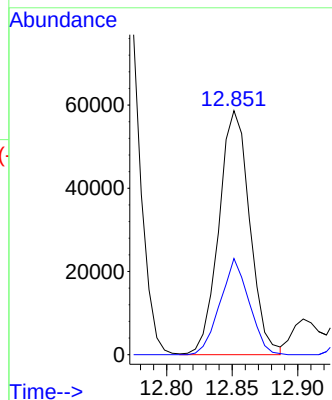
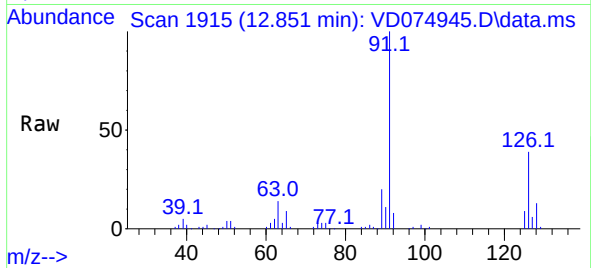




#79
2-Chlorotoluene
Concen: 20.540 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

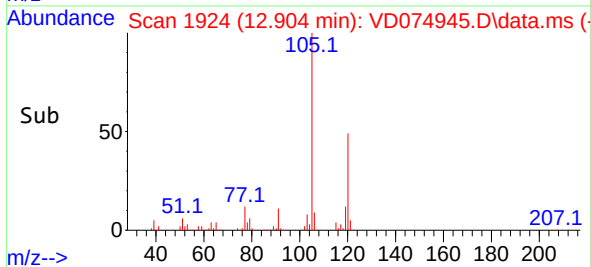
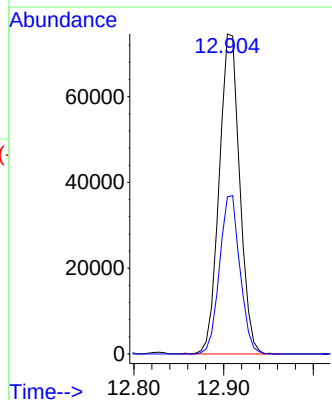
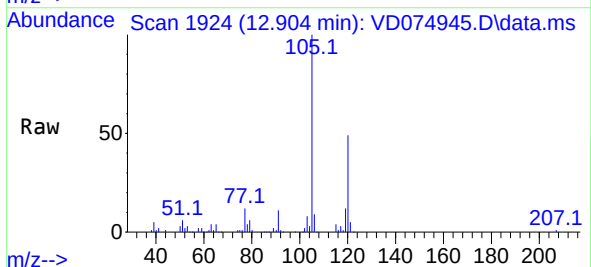
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBSD01

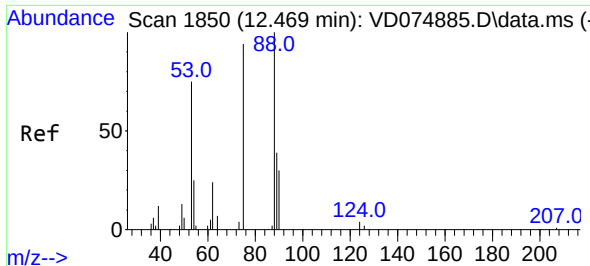
Tgt Ion: 91 Resp: 96218
Ion Ratio Lower Upper
91 100
126 36.8 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 20.108 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 105 Resp: 118503
Ion Ratio Lower Upper
105 100
120 49.3 25.7 77.0

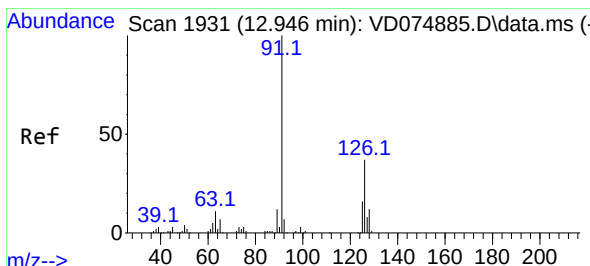
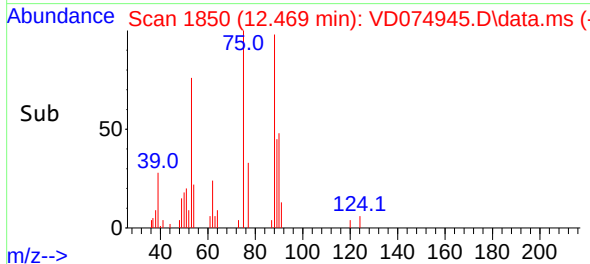
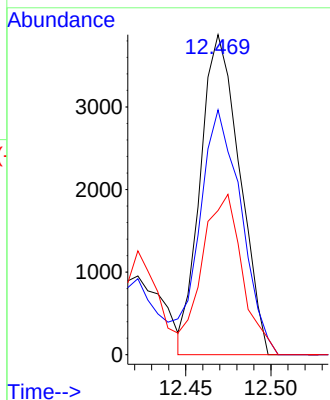
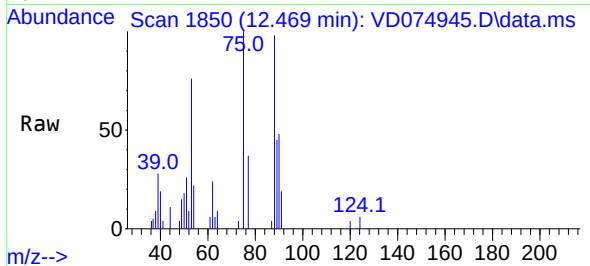




#81
trans-1,4-Dichloro-2-butene
Concen: 17.763 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

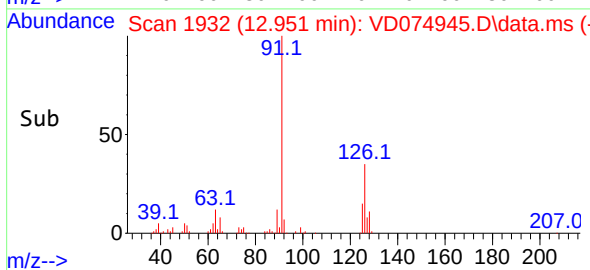
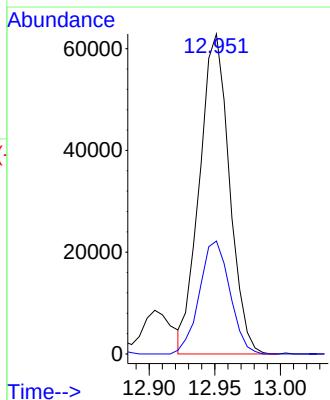
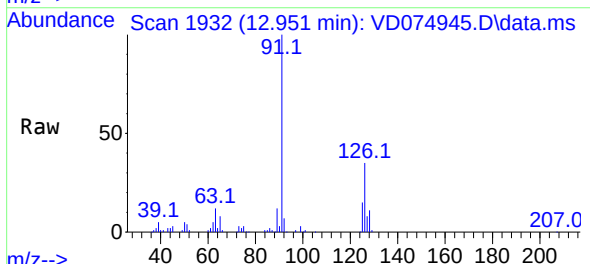
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBSD01

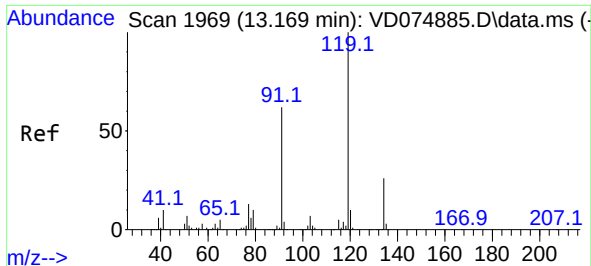
Tgt Ion: 75 Resp: 6206
Ion Ratio Lower Upper
75 100
53 82.2 63.8 95.6
89 51.2 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.440 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.005 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 91 Resp: 99712
Ion Ratio Lower Upper
91 100
126 35.9 18.8 56.4

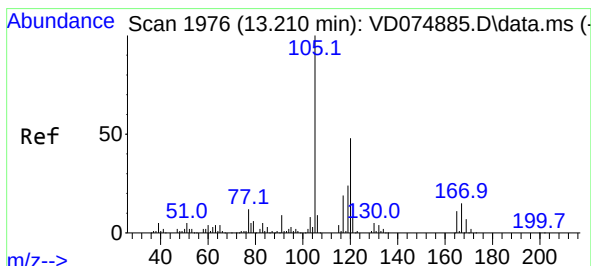
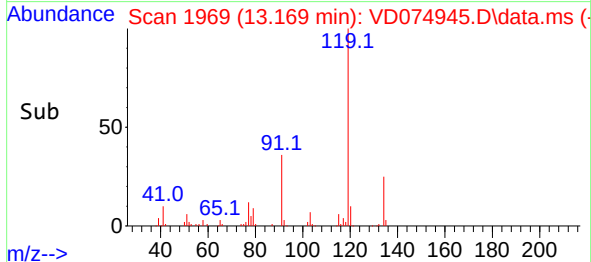
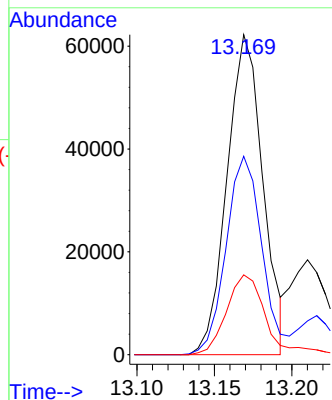
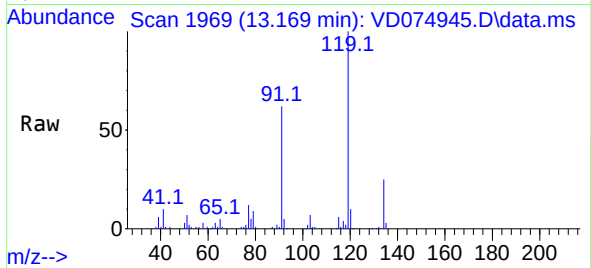




#83
tert-Butylbenzene
Concen: 19.609 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

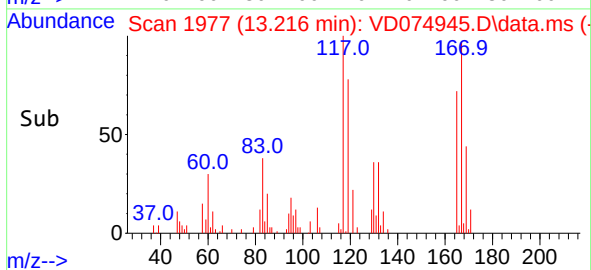
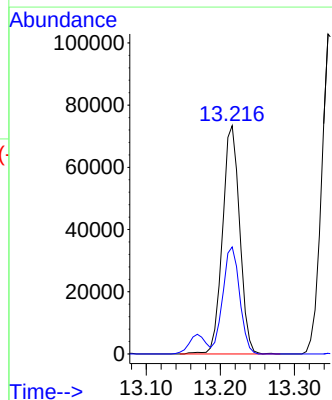
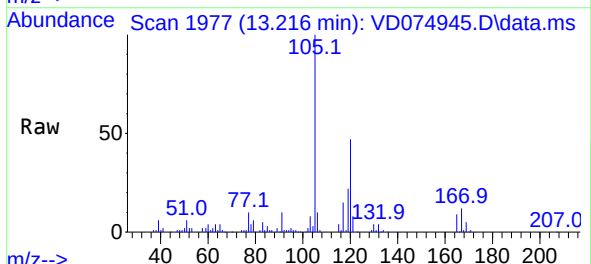
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBSD01

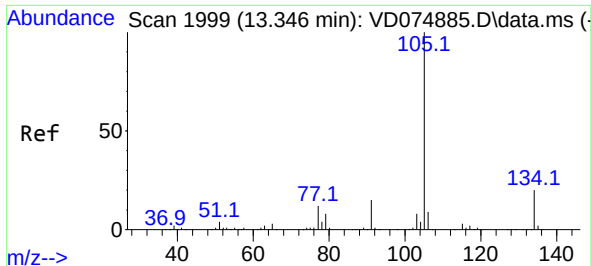
Tgt Ion:119 Resp: 100274
Ion Ratio Lower Upper
119 100
91 62.2 30.0 90.0
134 27.1 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 20.228 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion:105 Resp: 117901
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.7

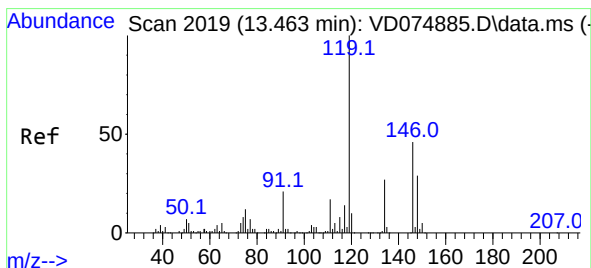
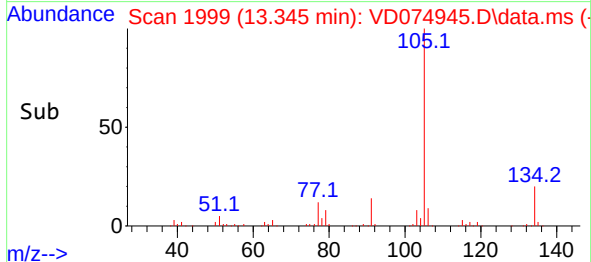
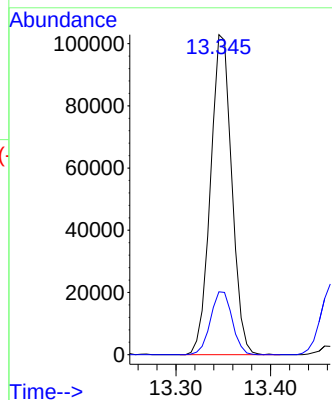
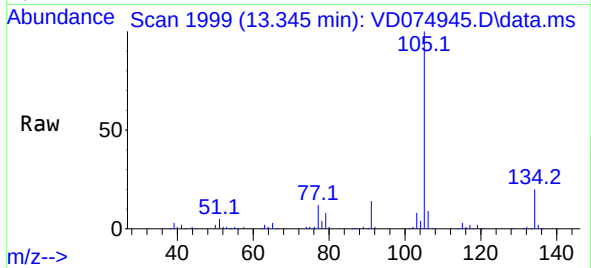




#85
sec-Butylbenzene
Concen: 20.559 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. -0.001 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

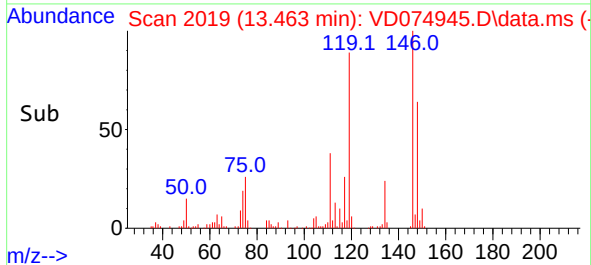
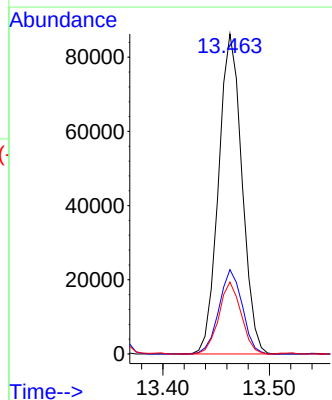
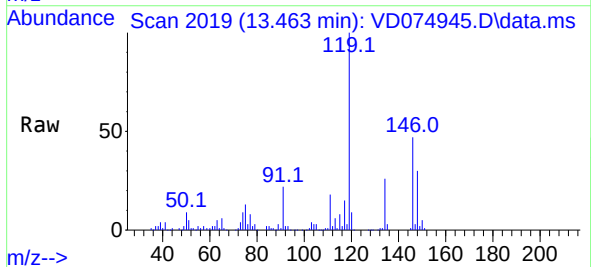
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBSD01

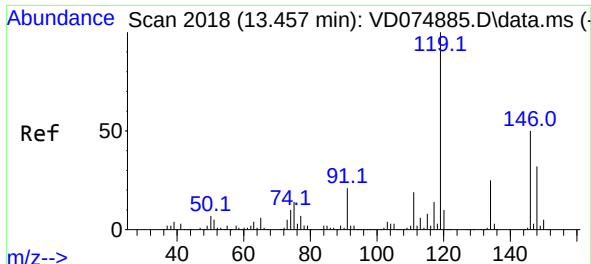
Tgt Ion:105 Resp: 159916
Ion Ratio Lower Upper
105 100
134 20.1 10.0 30.0



#86
p-Isopropyltoluene
Concen: 20.346 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion:119 Resp: 131595
Ion Ratio Lower Upper
119 100
134 26.2 13.5 40.4
91 21.4 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 19.457 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD074945.D

Acq: 16 Nov 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD1116SBS01

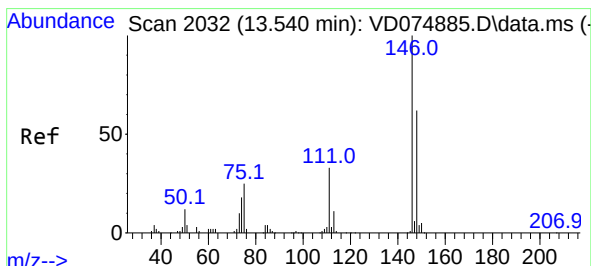
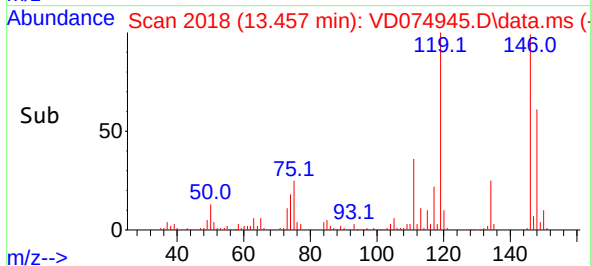
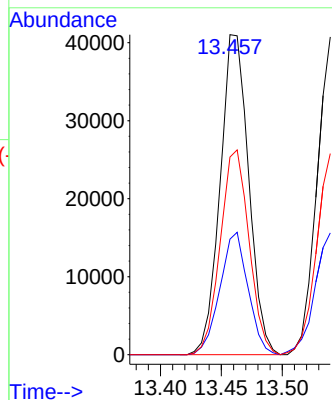
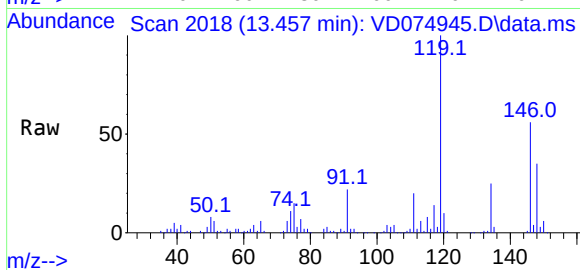
Tgt Ion:146 Resp: 66989

Ion Ratio Lower Upper

146 100

111 37.7 18.3 54.8

148 64.5 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 19.203 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.001 min

Lab File: VD074945.D

Acq: 16 Nov 2022 13:29

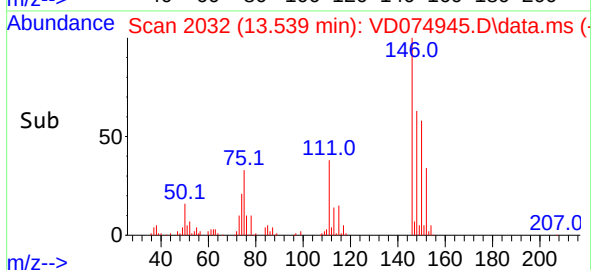
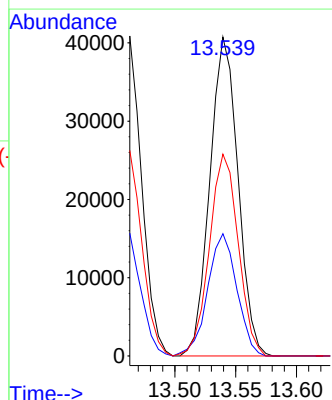
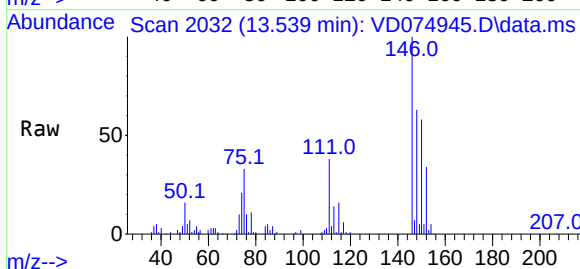
Tgt Ion:146 Resp: 65619

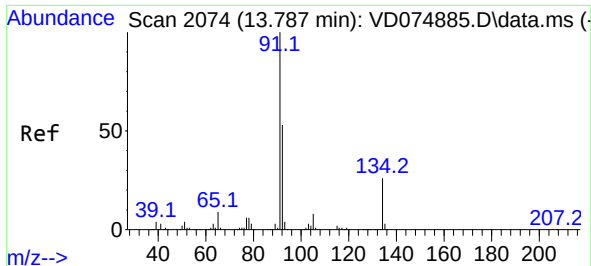
Ion Ratio Lower Upper

146 100

111 39.7 17.7 53.1

148 64.9 32.3 96.9

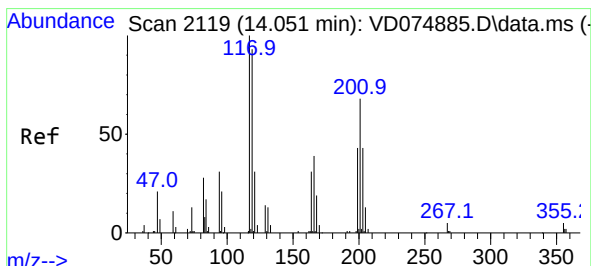
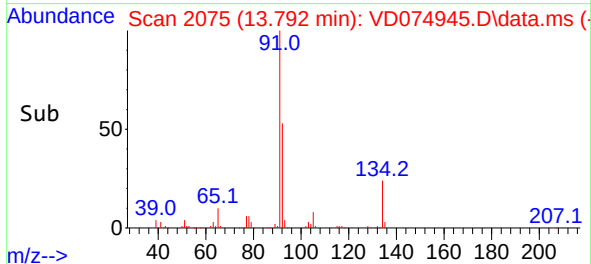
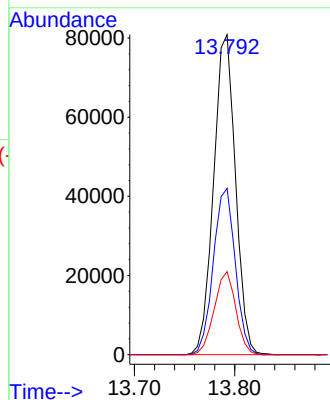
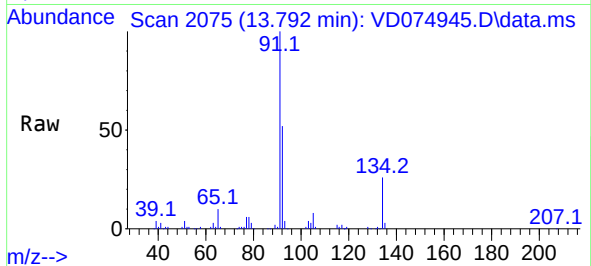




#89
n-Butylbenzene
Concen: 20.419 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.005 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

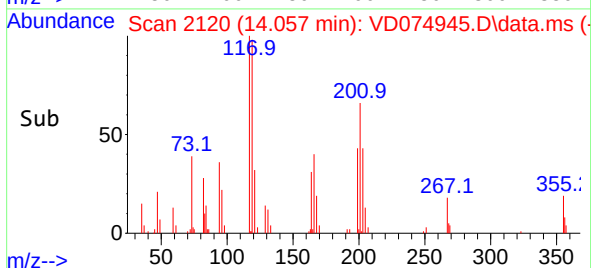
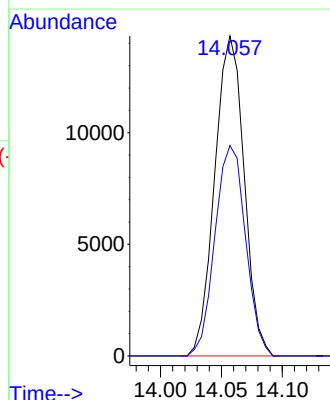
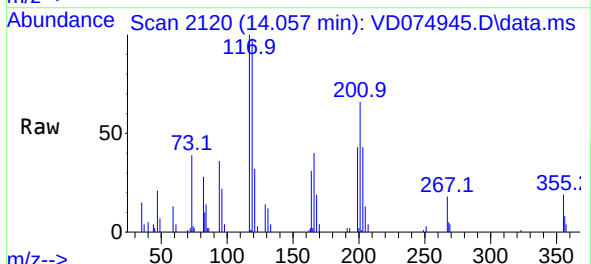
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBSD01

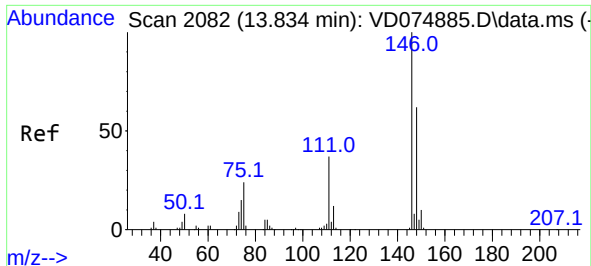
Tgt Ion: 91 Resp: 122614
Ion Ratio Lower Upper
91 100
92 52.2 26.9 80.7
134 25.6 13.4 40.2



#90
Hexachloroethane
Concen: 20.821 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion: 117 Resp: 24119
Ion Ratio Lower Upper
117 100
201 68.2 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 19.876 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD074945.D

Acq: 16 Nov 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD1116SBS01

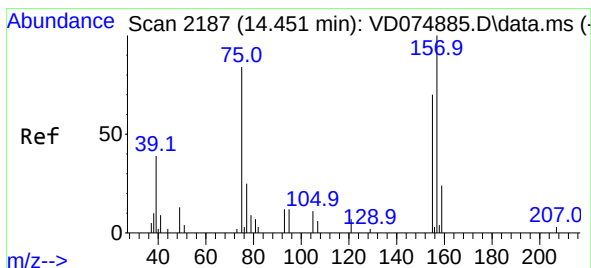
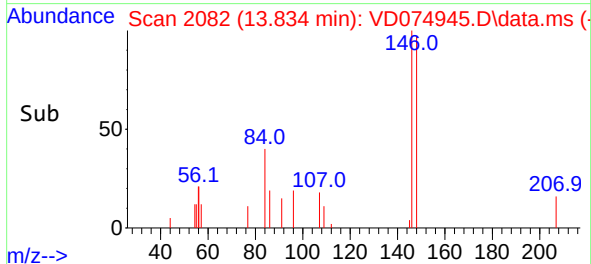
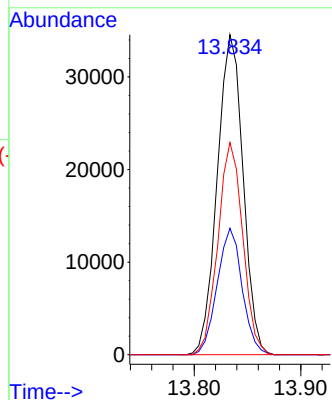
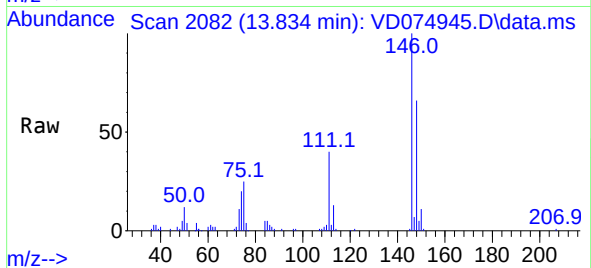
Tgt Ion:146 Resp: 58195

Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.5

148 63.8 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.987 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD074945.D

Acq: 16 Nov 2022 13:29

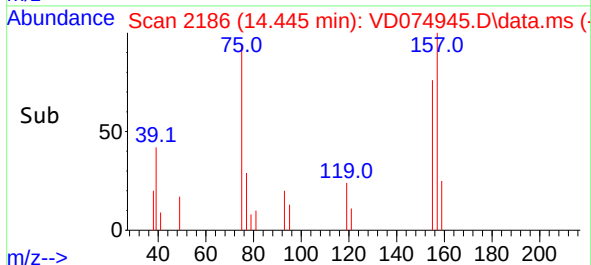
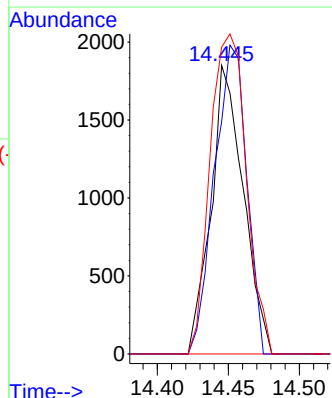
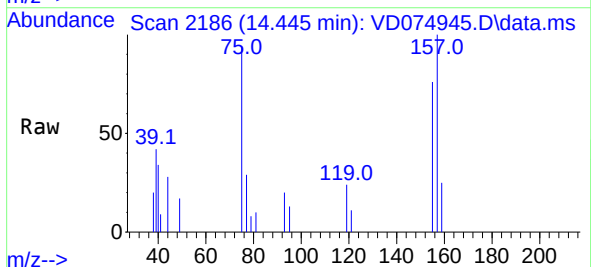
Tgt Ion: 75 Resp: 2930

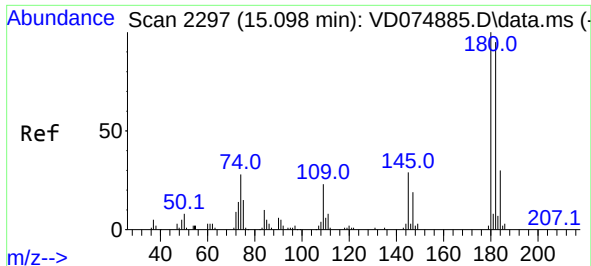
Ion Ratio Lower Upper

75 100

155 106.7 51.2 153.8

157 124.3 68.2 204.5

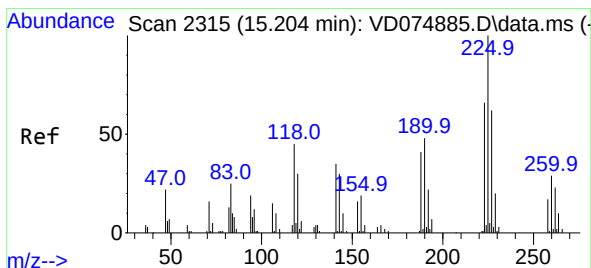
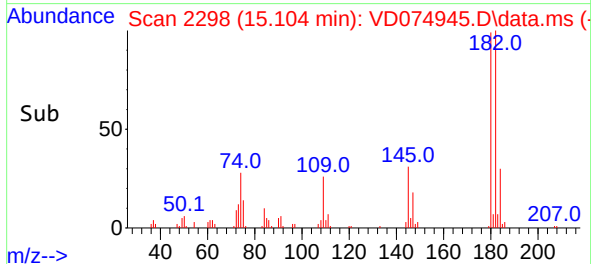
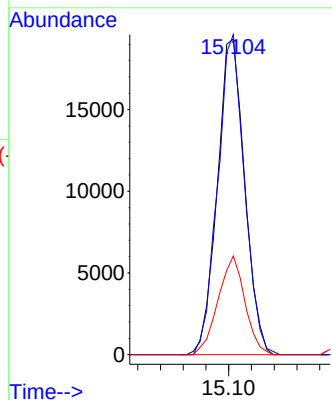
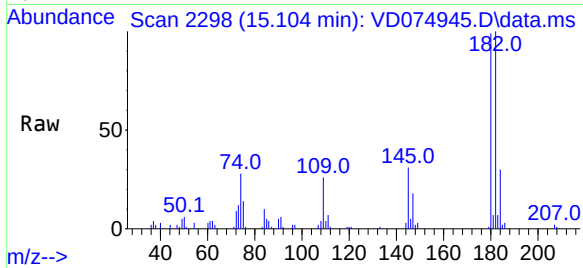




#93
1,2,4-Trichlorobenzene
Concen: 18.163 ug/l
RT: 15.104 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

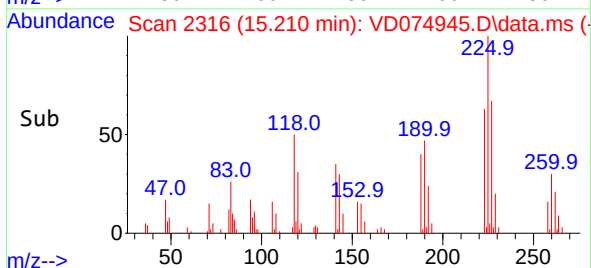
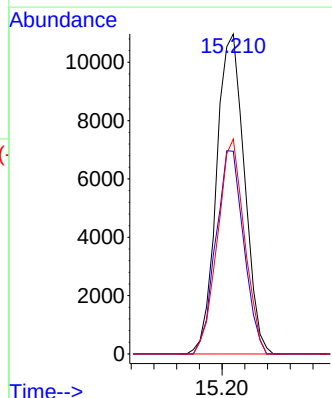
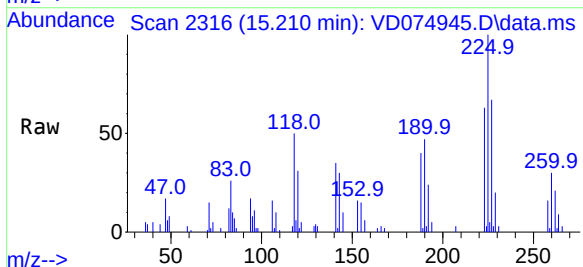
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBS01

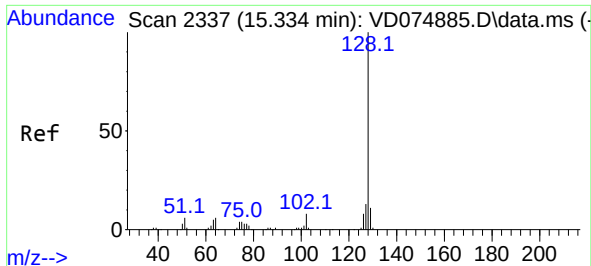
Tgt Ion:180 Resp: 32370
Ion Ratio Lower Upper
180 100
182 98.8 46.9 140.6
145 30.6 14.1 42.3



#94
Hexachlorobutadiene
Concen: 20.305 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion:225 Resp: 18666
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.5
227 64.8 32.6 97.8

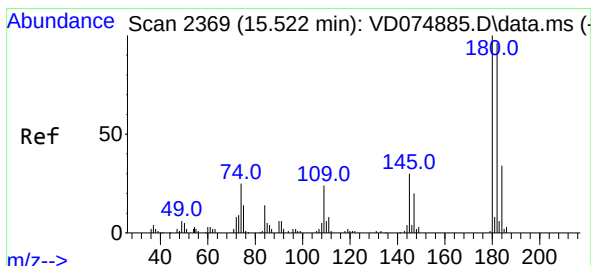
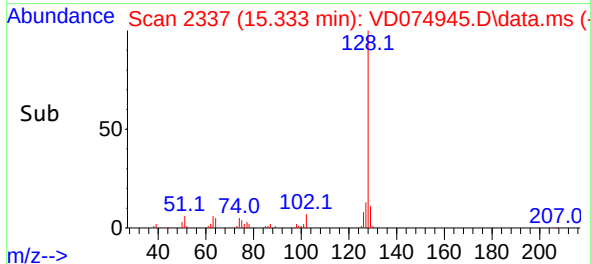
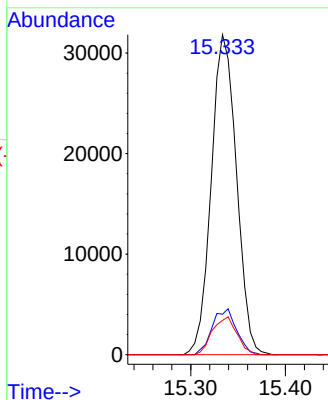
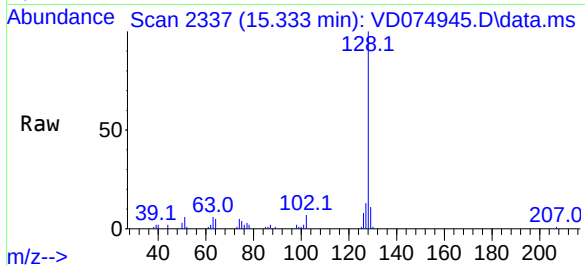




#95
Naphthalene
Concen: 17.789 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Instrument :
MSVOA_D
ClientSampleId :
VD1116SBSD01

Tgt Ion:	128	Resp:	58845
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.6	16.0
129	11.5	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 19.116 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD074945.D
Acq: 16 Nov 2022 13:29

Tgt Ion:	180	Resp:	29461
Ion Ratio	Lower	Upper	
180	100		
182	90.4	46.7	140.1
145	30.3	14.9	44.7

