

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075662.D
 Acq On : 13 Apr 2023 16:01
 Operator : KP/SY
 Sample : VD0413SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0413SBS01

Quant Time: Apr 14 01:34:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	196526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	346483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	324760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	163733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	98795	52.961	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.920%	
35) Dibromofluoromethane	7.804	113	120790	51.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.660%	
50) Toluene-d8	10.269	98	483158	51.772	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.540%	
62) 4-Bromofluorobenzene	12.575	95	135384	54.578	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	38095	20.862	ug/l	96
3) Chloromethane	2.146	50	77345	23.457	ug/l	99
4) Vinyl Chloride	2.275	62	93087	21.275	ug/l	94
5) Bromomethane	2.669	94	65325	19.122	ug/l	98
6) Chloroethane	2.828	64	62987	21.381	ug/l	93
7) Trichlorofluoromethane	3.163	101	71963	21.227	ug/l	97
8) Diethyl Ether	3.587	74	22400	21.229	ug/l	66
9) 1,1,2-Trichlorotrifluo...	3.958	101	44031	20.711	ug/l	93
10) Methyl Iodide	4.158	142	56553	19.437	ug/l	90
11) Tert butyl alcohol	5.052	59	11585	123.746	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	45153	20.513	ug/l #	83
13) Acrolein	3.793	56	20322	107.615	ug/l	97
14) Allyl chloride	4.552	41	41493	20.698	ug/l #	78
15) Acrylonitrile	5.257	53	42734	108.434	ug/l	97
16) Acetone	4.016	43	34953	102.279	ug/l #	80
17) Carbon Disulfide	4.263	76	149540	20.760	ug/l	95
18) Methyl Acetate	4.563	43	24595	21.342	ug/l #	69
19) Methyl tert-butyl Ether	5.316	73	90367	21.154	ug/l	99
20) Methylene Chloride	4.793	84	63307	21.300	ug/l #	71
21) trans-1,2-Dichloroethene	5.310	96	54914	20.947	ug/l #	70
22) Diisopropyl ether	6.210	45	96808	21.371	ug/l #	92
23) Vinyl Acetate	6.152	43	230425	109.514	ug/l #	84
24) 1,1-Dichloroethane	6.104	63	79421	21.158	ug/l	96
25) 2-Butanone	7.081	43	47764	108.552	ug/l #	67
26) 2,2-Dichloropropane	7.069	77	69250	20.350	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	58546	20.160	ug/l	82
28) Bromochloromethane	7.422	49	25064	21.124	ug/l #	52
29) Tetrahydrofuran	7.446	42	26946	111.984	ug/l #	55
30) Chloroform	7.593	83	88697	20.844	ug/l	98
31) Cyclohexane	7.875	56	60535	20.680	ug/l #	78
32) 1,1,1-Trichloroethane	7.793	97	72235	20.818	ug/l	95
36) 1,1-Dichloropropene	8.004	75	63773	19.836	ug/l	94
37) Ethyl Acetate	7.169	43	19458	19.887	ug/l #	66
38) Carbon Tetrachloride	7.987	117	57879	20.443	ug/l	95
39) Methylcyclohexane	9.275	83	73811	19.854	ug/l	90
40) Benzene	8.251	78	203613	20.372	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	10439	22.233	ug/l #	62
42) 1,2-Dichloroethane	8.322	62	48439	21.337	ug/l	90
43) Isopropyl Acetate	8.357	43	38728	21.707	ug/l #	77
44) Trichloroethene	9.028	130	56760	20.067	ug/l	100
45) 1,2-Dichloropropane	9.304	63	45411	20.275	ug/l	95
46) Dibromomethane	9.387	93	30028	21.133	ug/l	100
47) Bromodichloromethane	9.587	83	67489	20.765	ug/l	88
48) Methyl methacrylate	9.381	41	15884	19.983	ug/l #	54
49) 1,4-Dioxane	9.381	88	6340	449.735	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	98898	103.965	ug/l #	81
52) Toluene	10.334	92	130674	19.662	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	61288	19.671	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	74126	20.024	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	41872	20.353	ug/l	92
56) Ethyl methacrylate	10.598	69	38701	19.115	ug/l #	69
57) 1,3-Dichloropropane	10.881	76	63705	20.397	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	89030	102.390	ug/l #	87
59) 2-Hexanone	10.922	43	69989	104.640	ug/l	74
60) Dibromochloromethane	11.075	129	46412	19.279	ug/l	100
61) 1,2-Dibromoethane	11.181	107	38515	19.625	ug/l	98
64) Tetrachloroethene	10.810	164	44595	19.067	ug/l	92
65) Chlorobenzene	11.610	112	143645	20.650	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	48825	20.417	ug/l	95
67) Ethyl Benzene	11.687	91	229308	20.312	ug/l	91
68) m/p-Xylenes	11.792	106	192994	41.715	ug/l	92
69) o-Xylene	12.122	106	86495	20.676	ug/l	92
70) Styrene	12.134	104	153737	20.288	ug/l	94
71) Bromoform	12.298	173	27157	21.725	ug/l #	99
73) Isopropylbenzene	12.422	105	217784	20.267	ug/l	99
74) N-amyl acetate	12.234	43	33821	21.419	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.675	83	45727	21.906	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	50786	38.035	ug/l #	100
77) Bromobenzene	12.704	156	54581	19.702	ug/l	93
78) n-propylbenzene	12.763	91	272129	20.660	ug/l	97
79) 2-Chlorotoluene	12.851	91	149921	20.068	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	182818	20.408	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	13280	21.557	ug/l #	71
82) 4-Chlorotoluene	12.945	91	162194	20.879	ug/l	95
83) tert-Butylbenzene	13.169	119	150664	19.946	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	185810	20.671	ug/l	97
85) sec-Butylbenzene	13.345	105	237884	20.414	ug/l	98
86) p-Isopropyltoluene	13.463	119	197016	20.309	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	115314	20.008	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	113190	19.880	ug/l	100
89) n-Butylbenzene	13.786	91	179216	20.056	ug/l	99
90) Hexachloroethane	14.057	117	39707	20.601	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	98450	19.941	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5807	20.752	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	53801	18.732	ug/l	98
94) Hexachlorobutadiene	15.204	225	25438	18.530	ug/l	96
95) Naphthalene	15.333	128	101975	18.741	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	47470	18.777	ug/l	97

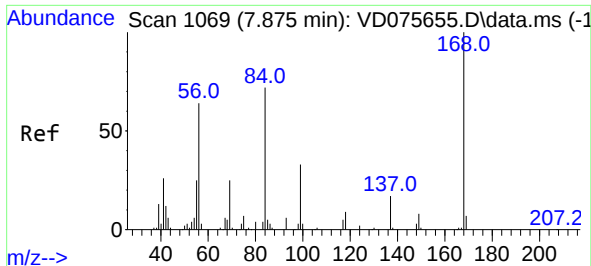
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Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

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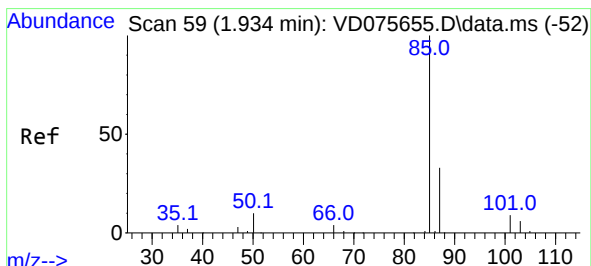
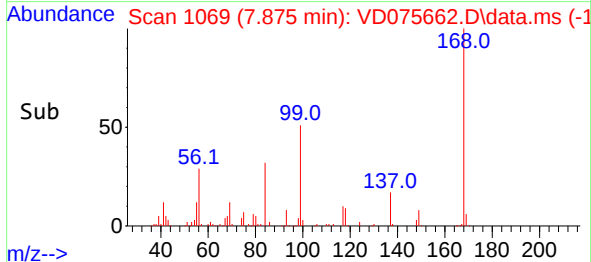
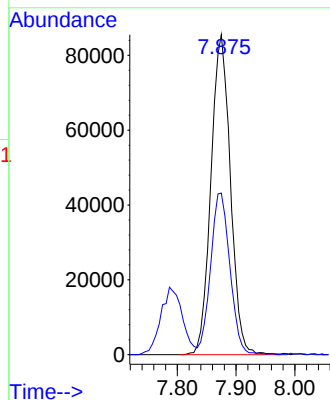
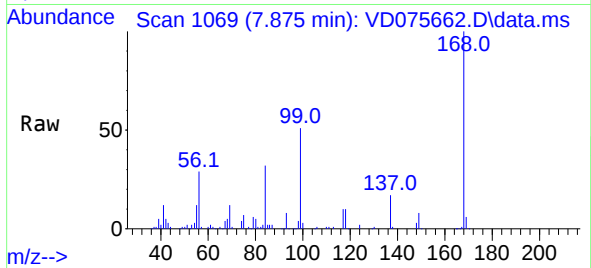
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

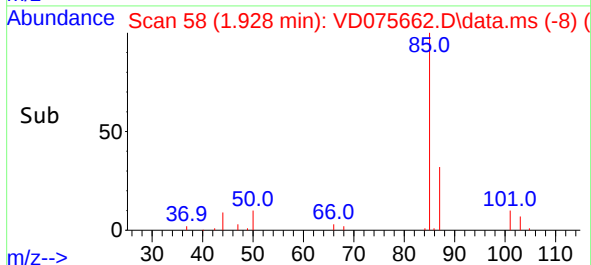
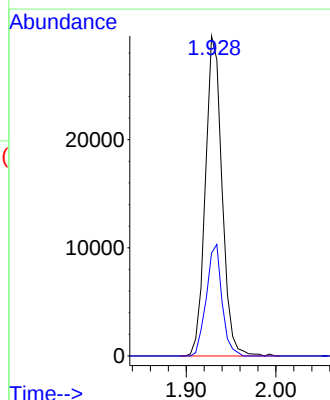
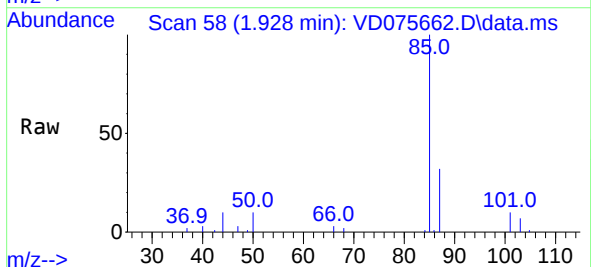
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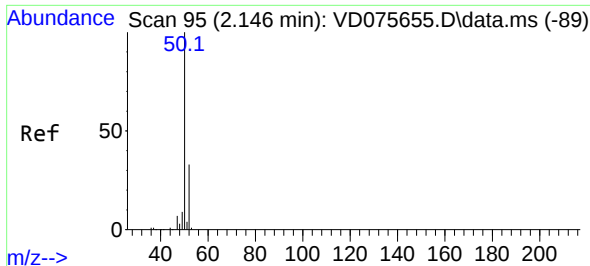
Tgt Ion:168 Resp: 196526
Ion Ratio Lower Upper
168 100
99 50.5 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 20.862 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 85 Resp: 38095
Ion Ratio Lower Upper
85 100
87 32.1 17.3 51.7

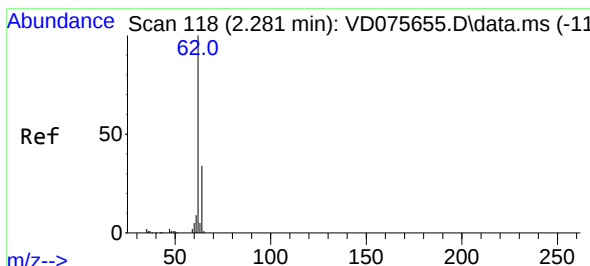
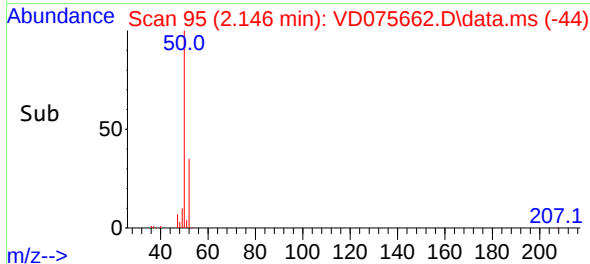
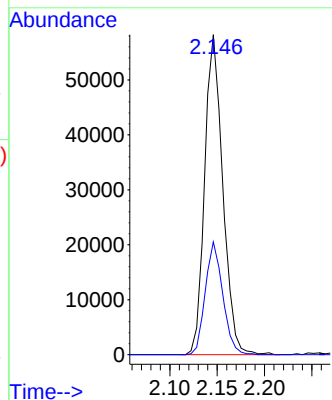
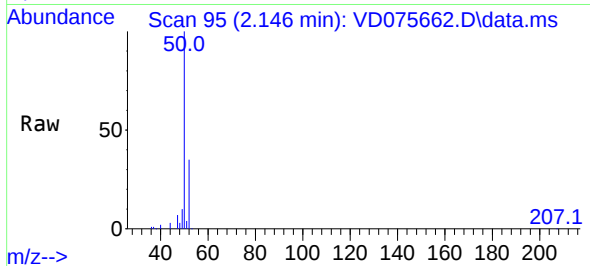




#3
Chloromethane
Concen: 23.457 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

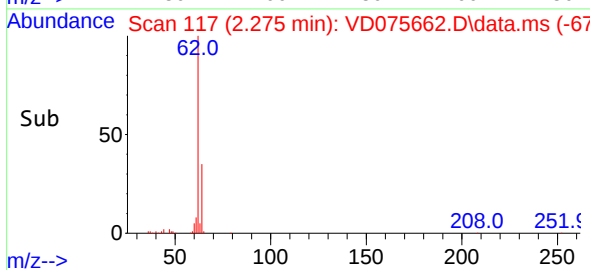
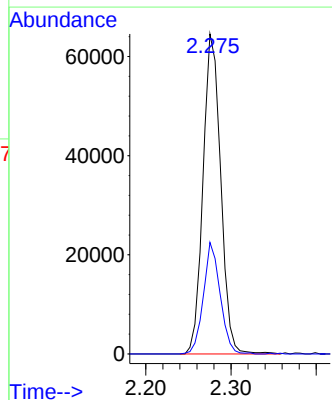
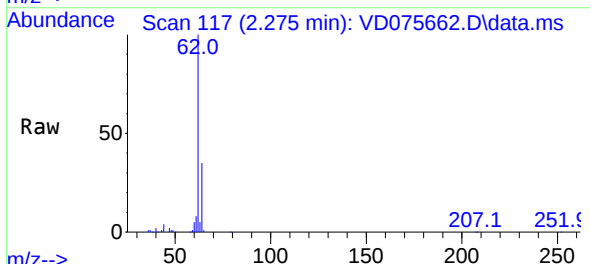
Instrument :
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ClientSampleId :
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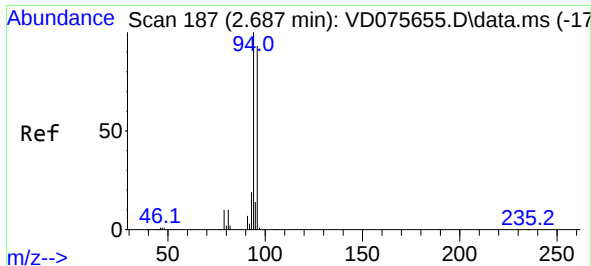
Tgt Ion: 50 Resp: 77345
Ion Ratio Lower Upper
50 100
52 35.2 27.8 41.8



#4
Vinyl Chloride
Concen: 21.275 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 62 Resp: 93087
Ion Ratio Lower Upper
62 100
64 34.9 25.4 38.0

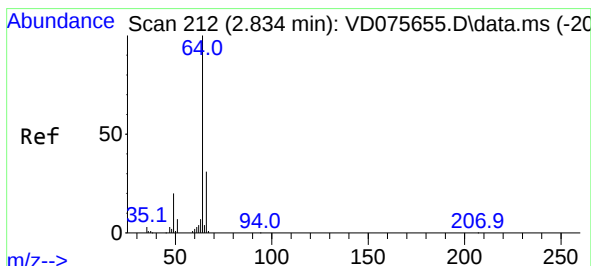
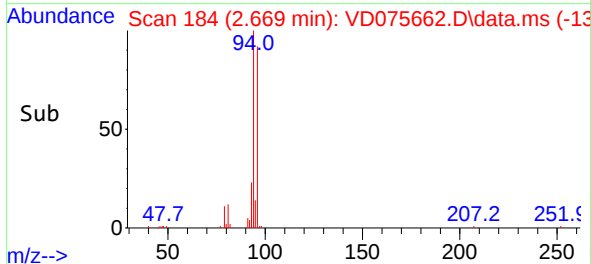
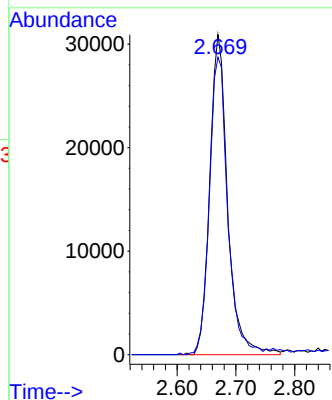
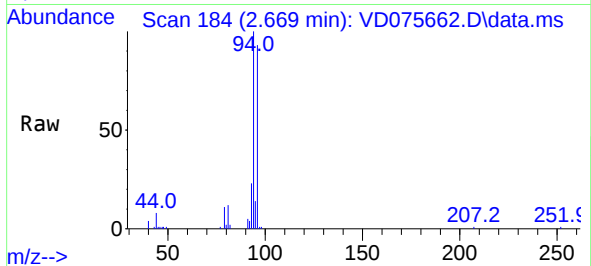




#5
Bromomethane
Concen: 19.122 ug/l
RT: 2.669 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

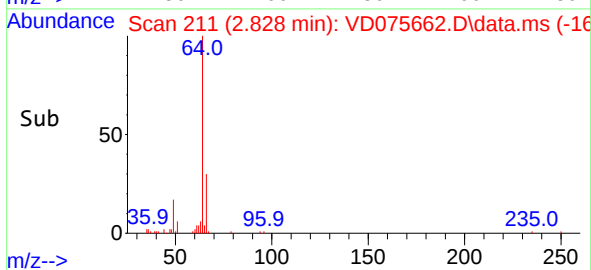
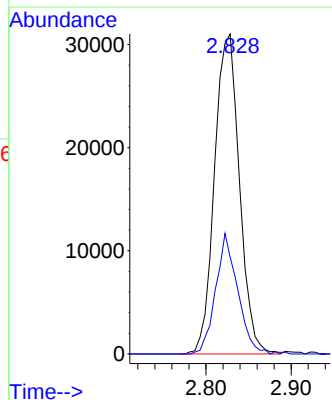
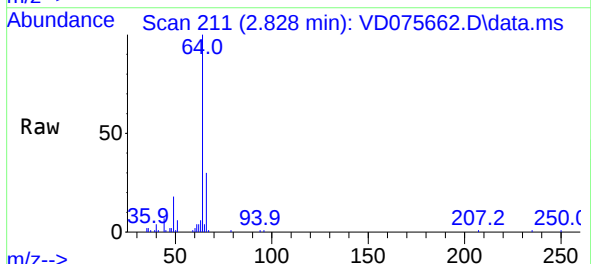
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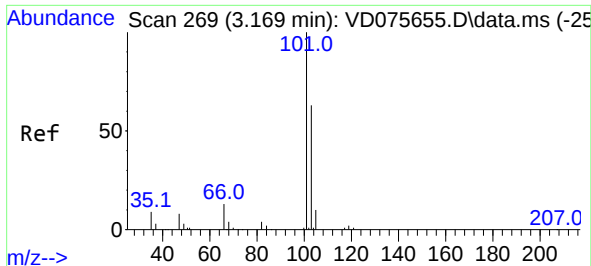
Tgt Ion: 94 Resp: 65325
Ion Ratio Lower Upper
94 100
96 95.1 77.5 116.3



#6
Chloroethane
Concen: 21.381 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 64 Resp: 62987
Ion Ratio Lower Upper
64 100
66 30.3 27.7 41.5

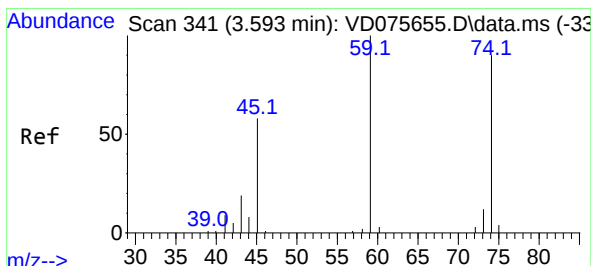
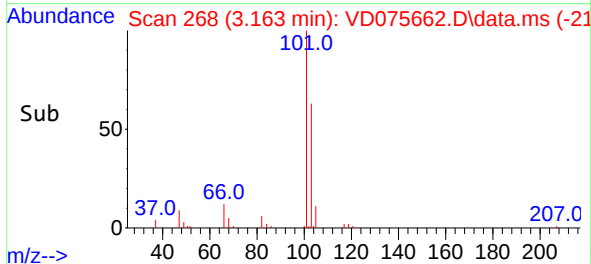
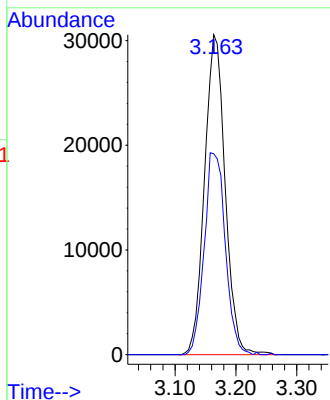
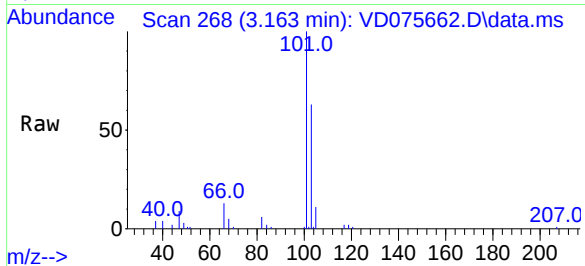




#7
 Trichlorofluoromethane
 Concen: 21.227 ug/l
 RT: 3.163 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD075662.D
 Acq: 13 Apr 2023 16:01

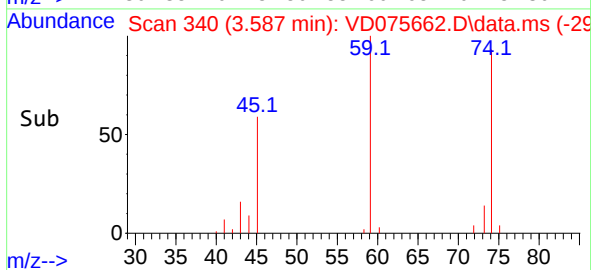
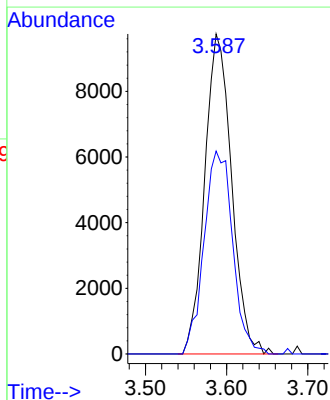
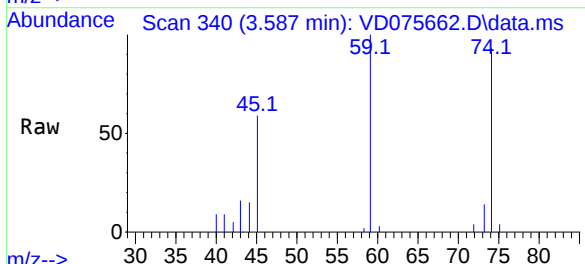
Instrument :
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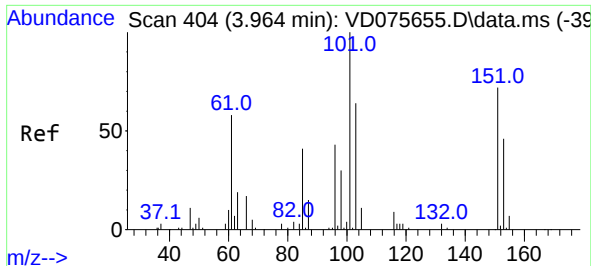
Tgt Ion:101 Resp: 71963
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.9 77.9



#8
 Diethyl Ether
 Concen: 21.229 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD075662.D
 Acq: 13 Apr 2023 16:01

Tgt Ion: 74 Resp: 22400
 Ion Ratio Lower Upper
 74 100
 45 67.7 50.9 152.7

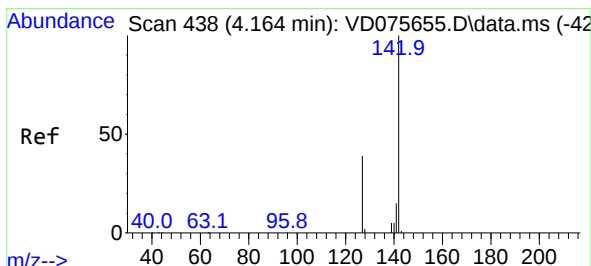
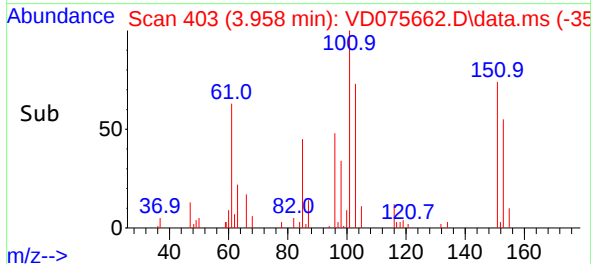
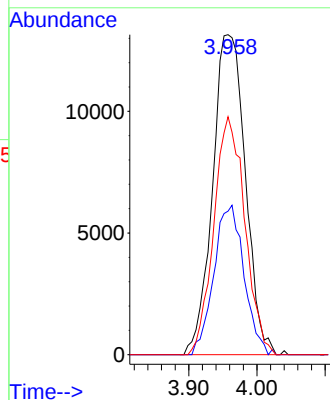
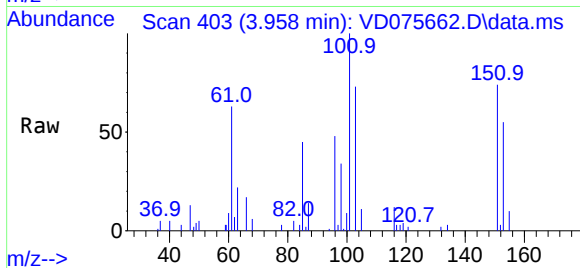




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.711 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD075662.D
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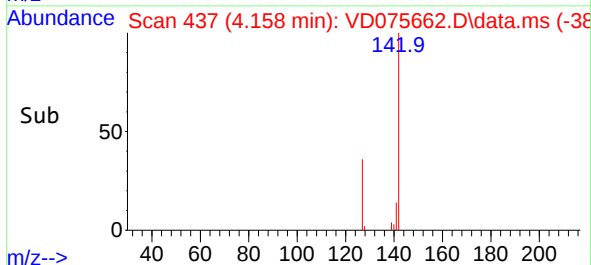
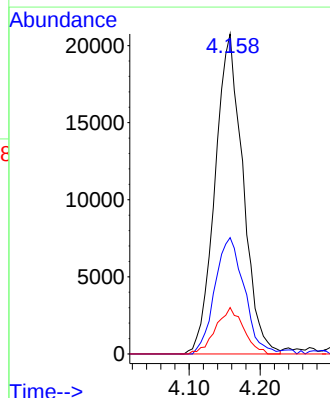
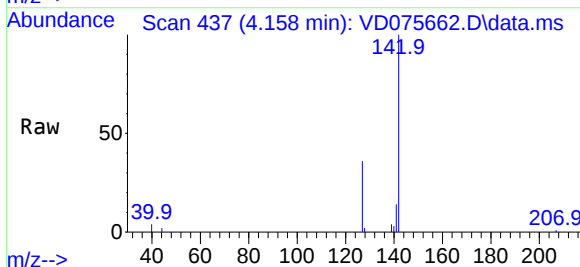
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

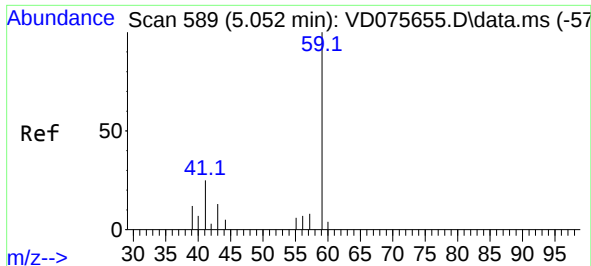
Tgt Ion:101 Resp: 44031
Ion Ratio Lower Upper
101 100
85 42.9 38.3 57.5
151 70.4 60.4 90.6



#10
Methyl Iodide
Concen: 19.437 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion:142 Resp: 56553
Ion Ratio Lower Upper
142 100
127 38.3 37.1 55.7
141 14.5 11.3 16.9

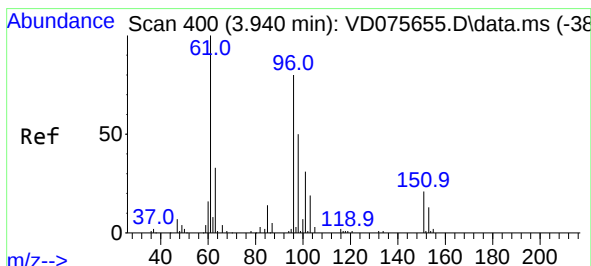
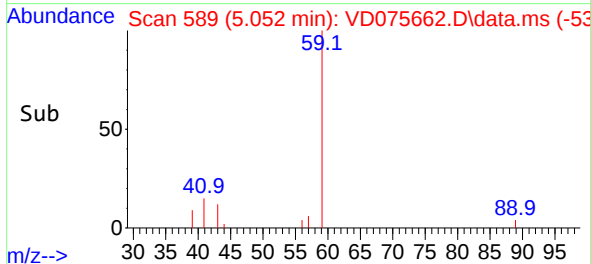
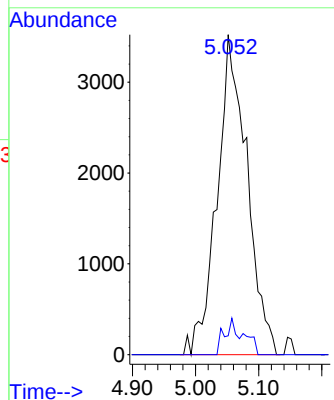
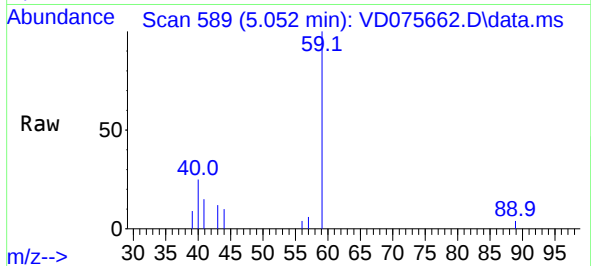




#11
Tert butyl alcohol
Concen: 123.746 ug/l
RT: 5.052 min Scan# 511
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

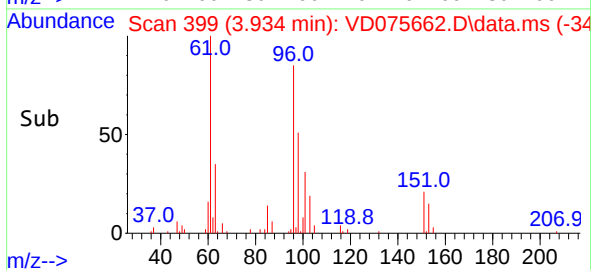
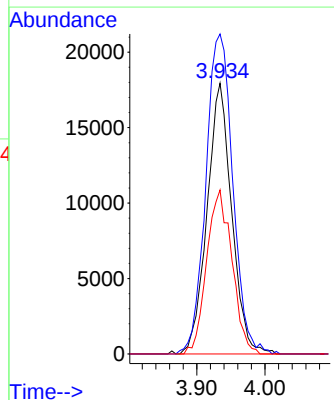
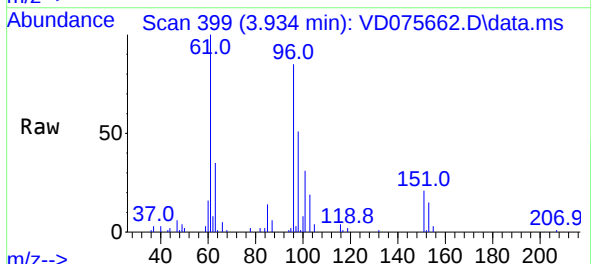
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

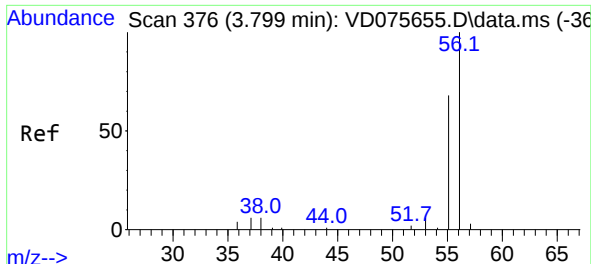
Tgt Ion: 59 Resp: 11585
Ion Ratio Lower Upper
59 100
57 4.6 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 20.513 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 96 Resp: 45153
Ion Ratio Lower Upper
96 100
61 118.2 118.6 177.8#
98 60.6 49.7 74.5

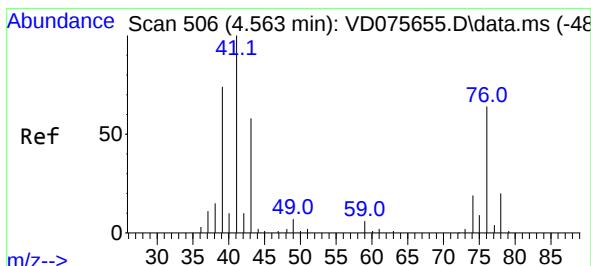
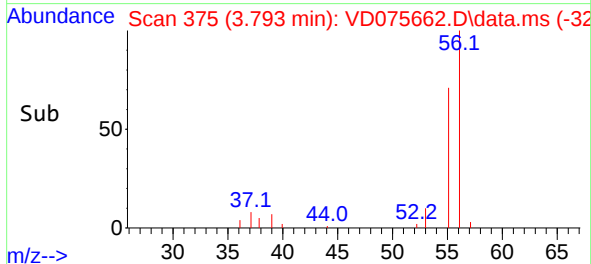
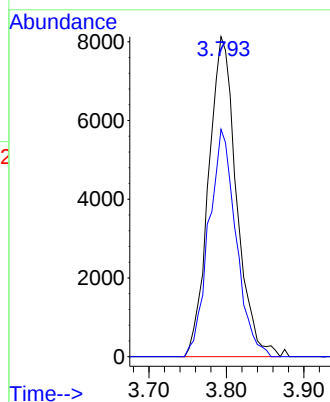
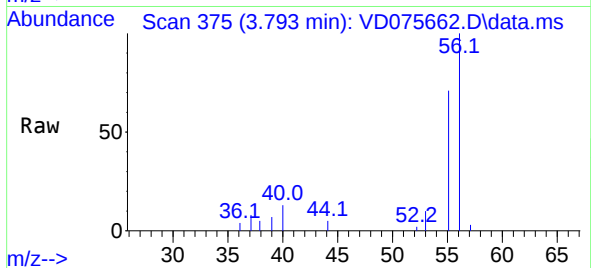




#13
Acrolein
Concen: 107.615 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

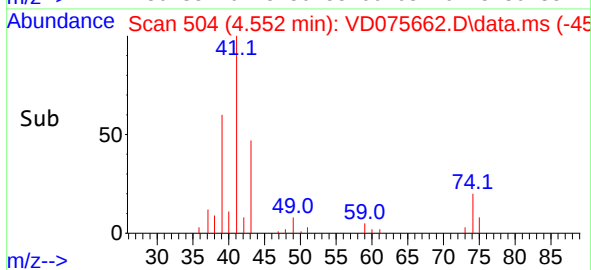
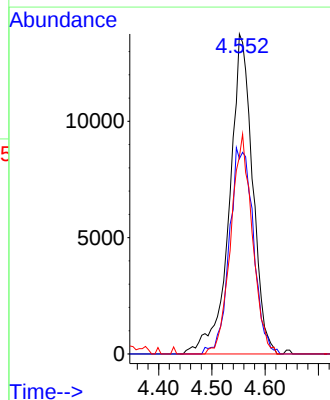
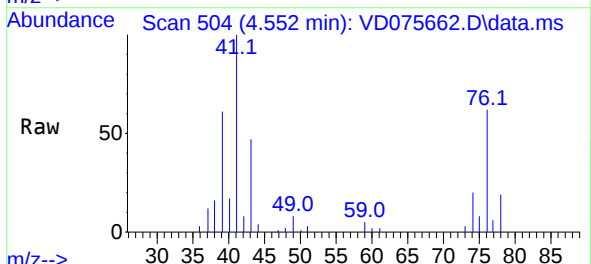
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

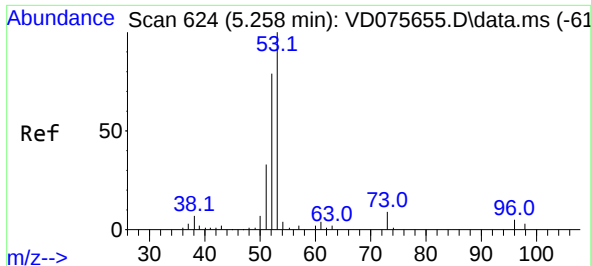
Tgt Ion: 56 Resp: 20322
Ion Ratio Lower Upper
56 100
55 69.4 53.9 80.9



#14
Allyl chloride
Concen: 20.698 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.011 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 41 Resp: 41493
Ion Ratio Lower Upper
41 100
39 66.8 60.6 90.8
76 63.9 28.6 43.0#

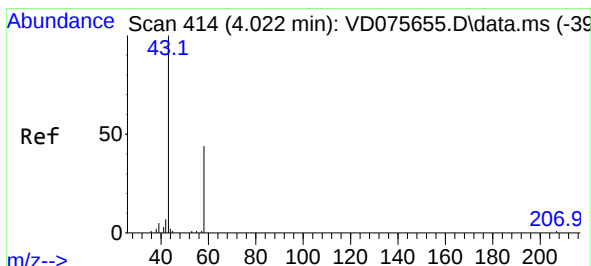
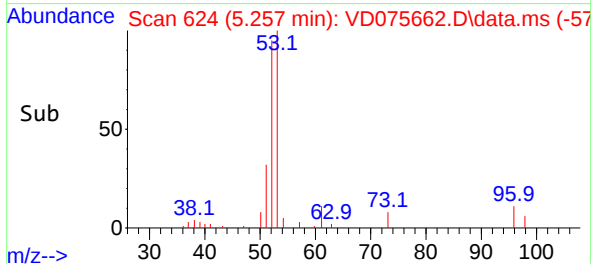
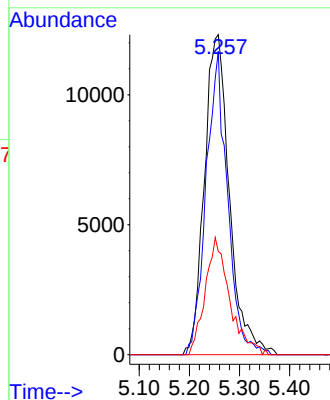
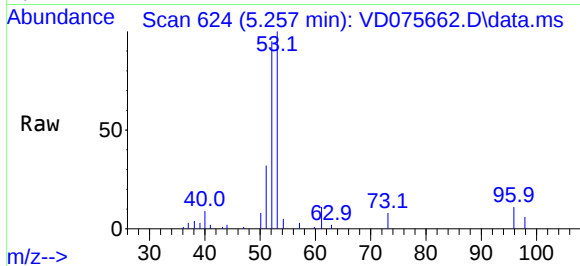




#15
Acrylonitrile
Concen: 108.434 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

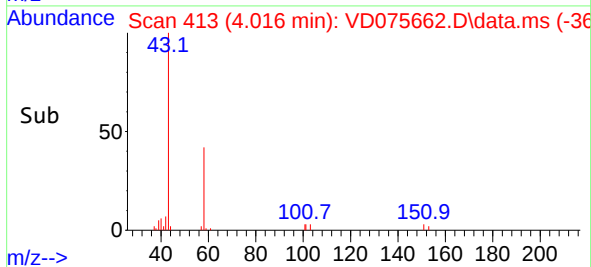
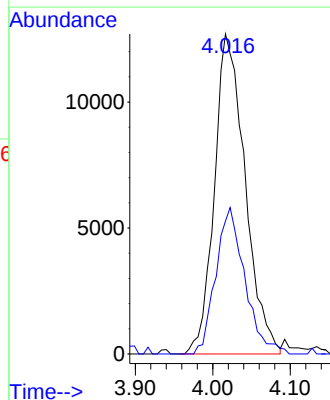
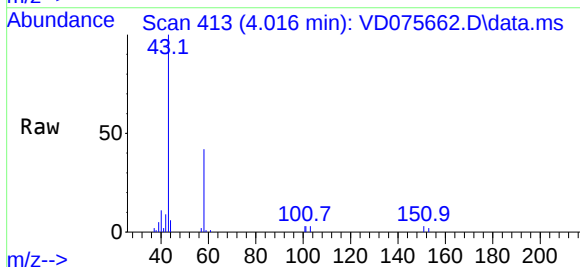
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

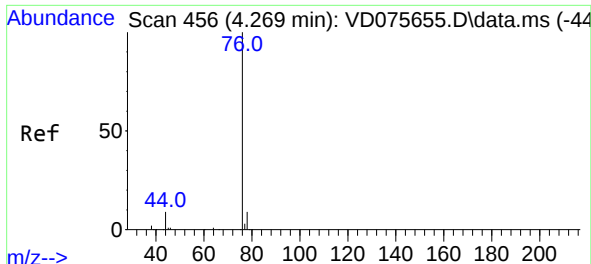
Tgt Ion:	53	Resp:	42734
Ion	Ratio	Lower	Upper
53	100		
52	81.1	66.2	99.4
51	35.8	30.7	46.1



#16
Acetone
Concen: 102.279 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion:	43	Resp:	34953
Ion	Ratio	Lower	Upper
43	100		
58	41.6	24.4	36.6

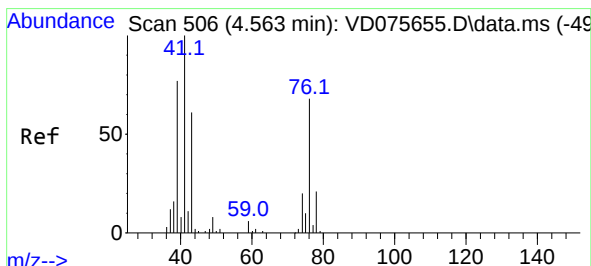
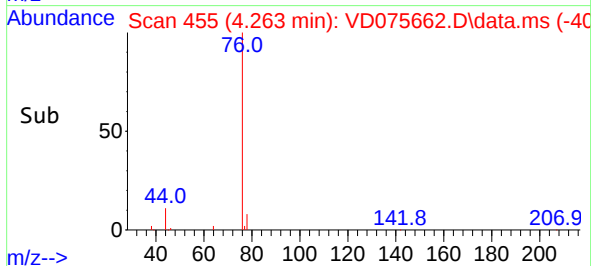
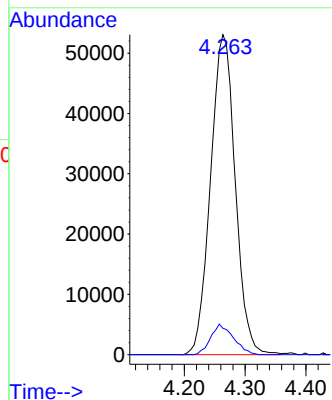
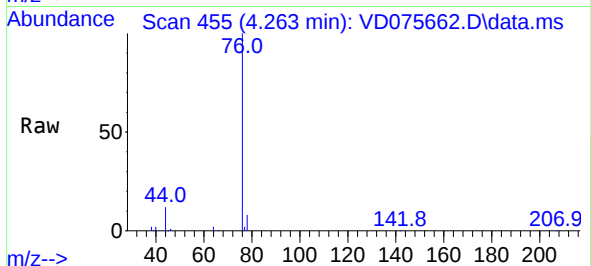




#17
Carbon Disulfide
Concen: 20.760 ug/l
RT: 4.263 min Scan# 417
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

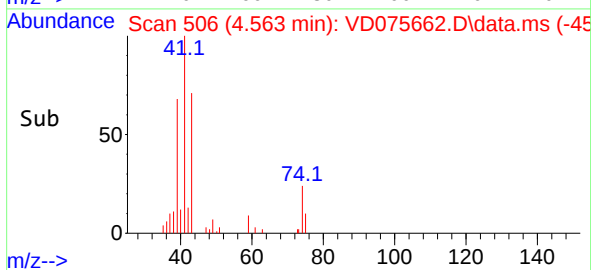
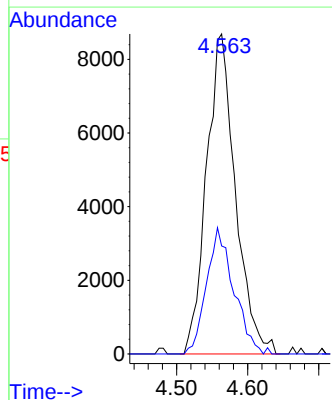
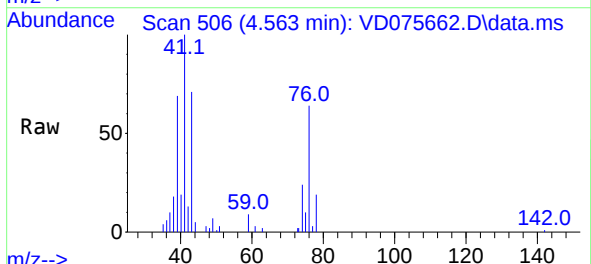
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

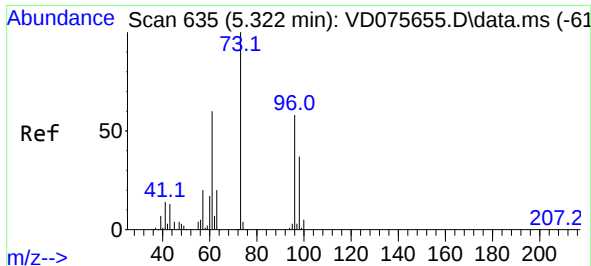
Tgt Ion: 76 Resp: 149540
Ion Ratio Lower Upper
76 100
78 8.3 8.0 12.0



#18
Methyl Acetate
Concen: 21.342 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 43 Resp: 24595
Ion Ratio Lower Upper
43 100
74 37.2 17.8 26.6#

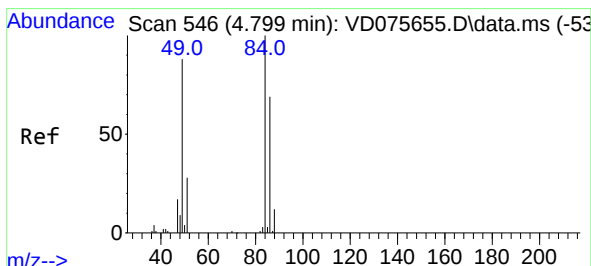
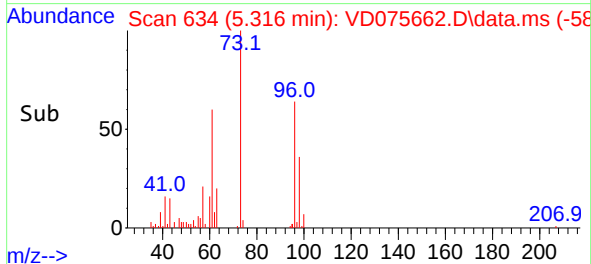
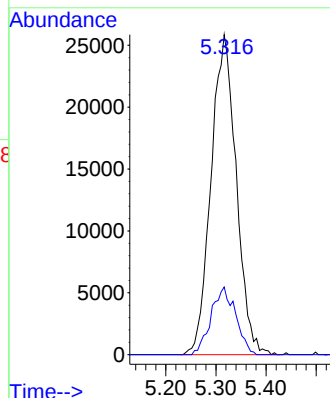
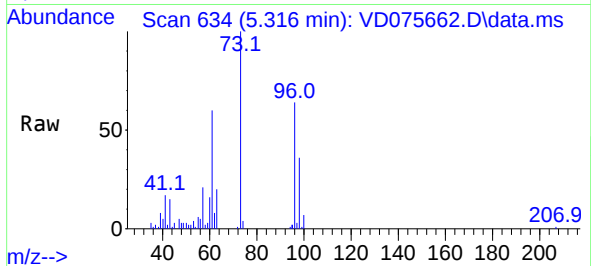




#19
Methyl tert-butyl Ether
Concen: 21.154 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

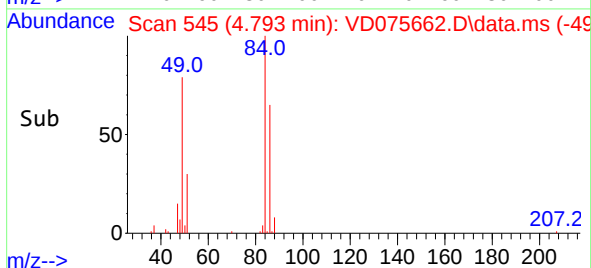
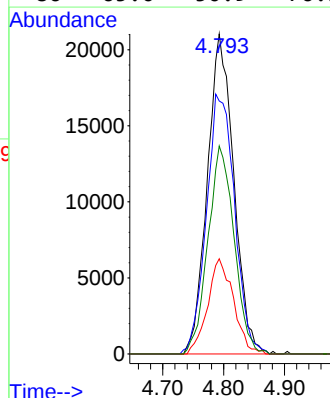
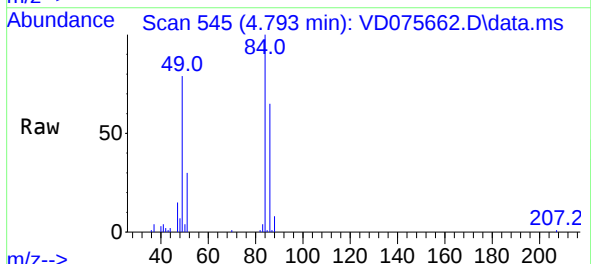
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

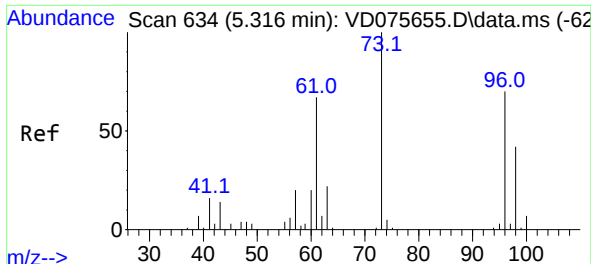
Tgt Ion: 73 Resp: 90367
Ion Ratio Lower Upper
73 100
57 21.1 17.2 25.8



#20
Methylene Chloride
Concen: 21.300 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 84 Resp: 63307
Ion Ratio Lower Upper
84 100
49 79.0 106.4 159.6#
51 29.8 32.4 48.6#
86 65.0 50.9 76.3

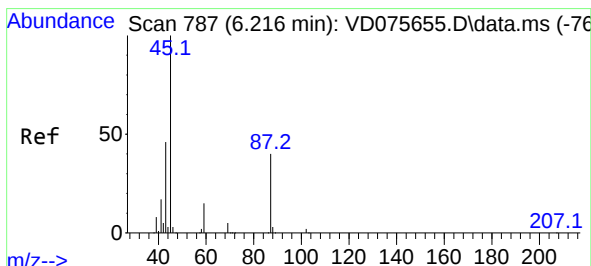
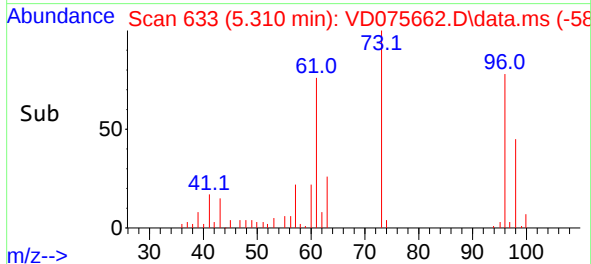
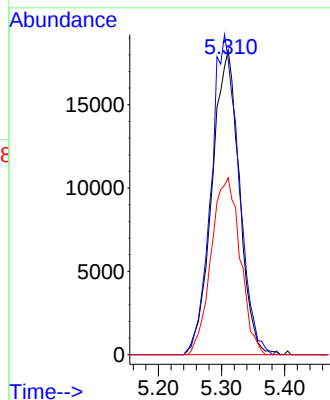
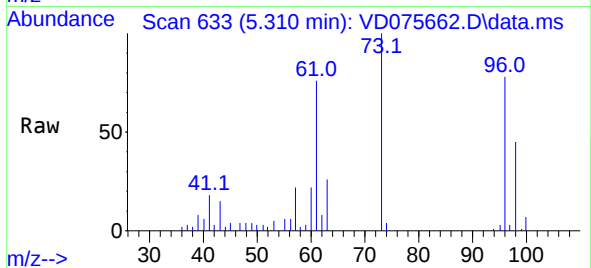




#21
trans-1,2-Dichloroethene
Concen: 20.947 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

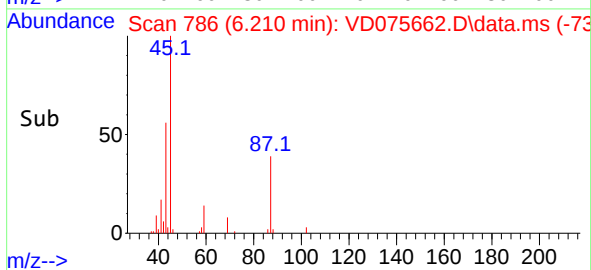
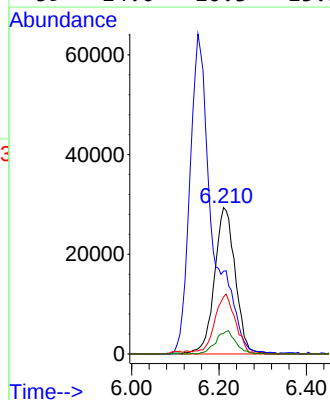
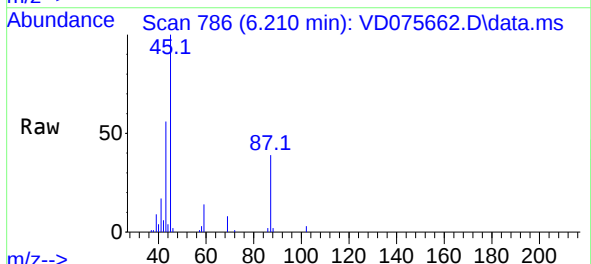
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

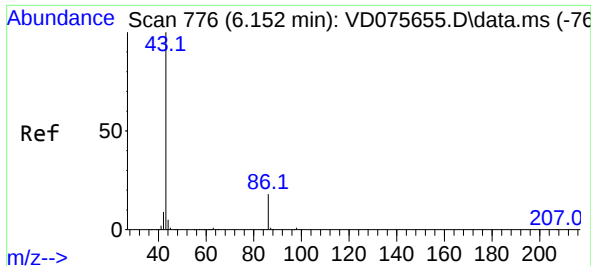
Tgt Ion: 96 Resp: 54914
Ion Ratio Lower Upper
96 100
61 96.9 117.2 175.8#
98 58.0 50.6 76.0



#22
Diisopropyl ether
Concen: 21.371 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 45 Resp: 96808
Ion Ratio Lower Upper
45 100
43 54.8 44.4 66.6
87 39.0 20.9 31.3#
59 14.0 10.3 15.5

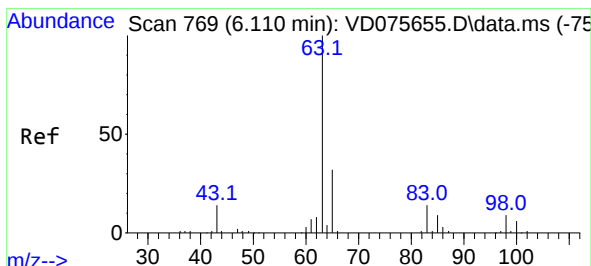
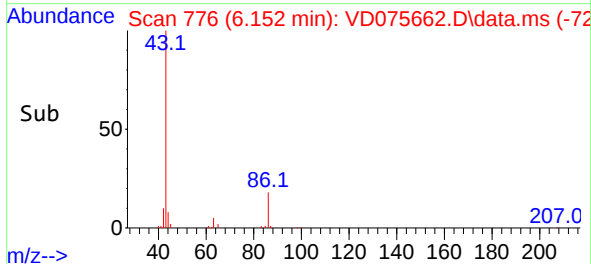
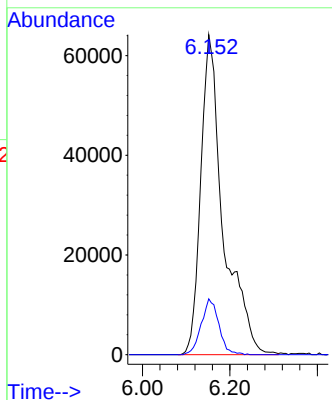
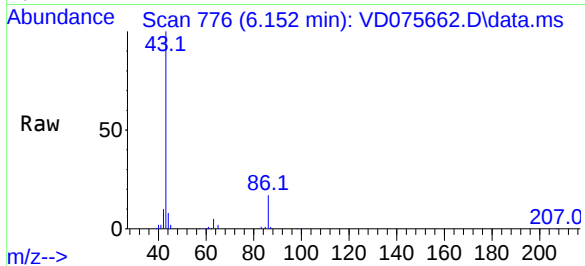




#23
 Vinyl Acetate
 Concen: 109.514 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD075662.D
 Acq: 13 Apr 2023 16:01

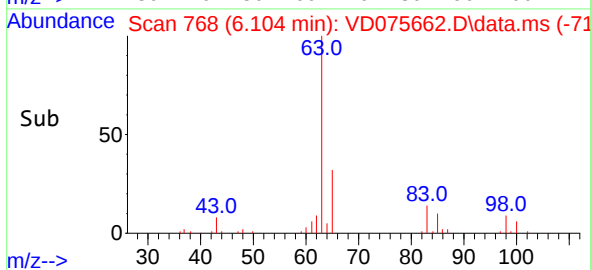
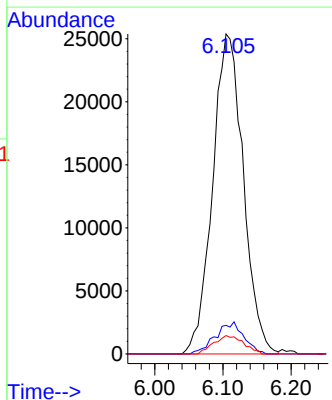
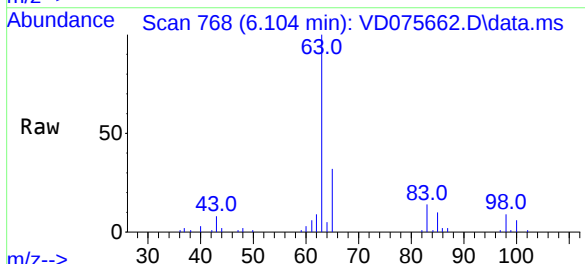
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0413SBS01

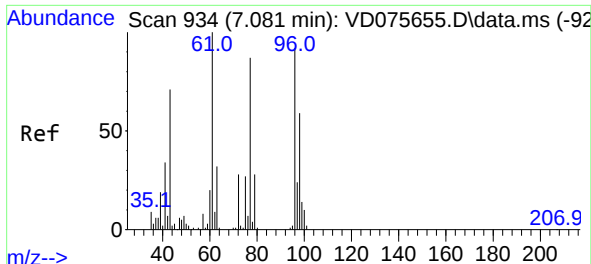
Tgt Ion: 43 Resp: 230425
 Ion Ratio Lower Upper
 43 100
 86 17.4 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 21.158 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD075662.D
 Acq: 13 Apr 2023 16:01

Tgt Ion: 63 Resp: 79421
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.9 11.7
 100 5.8 2.0 6.0





#25

2-Butanone

Concen: 108.552 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075662.D

Acq: 13 Apr 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

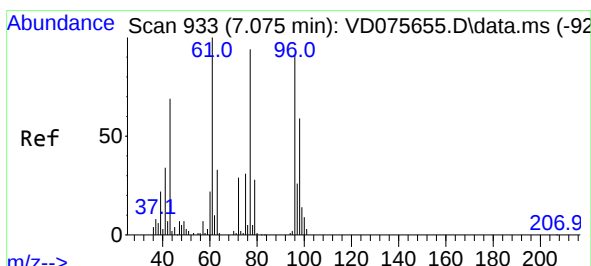
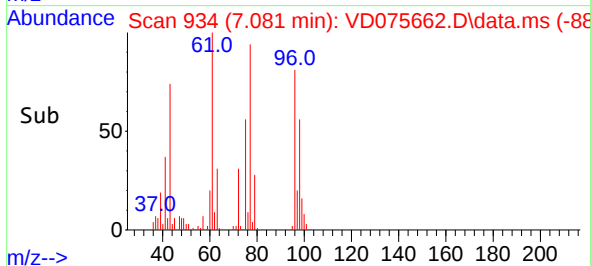
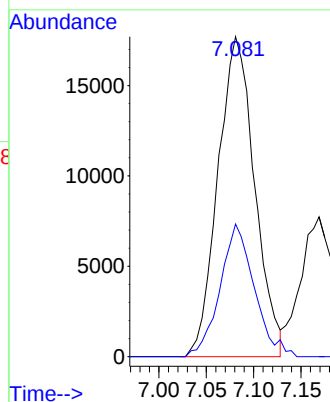
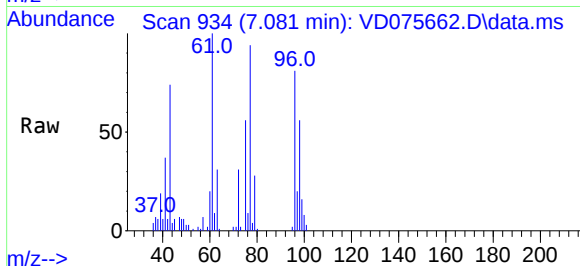
VD0413SBS01

Tgt Ion: 43 Resp: 47764

Ion Ratio Lower Upper

43 100

72 41.5 19.8 29.8#



#26

2,2-Dichloropropane

Concen: 20.350 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD075662.D

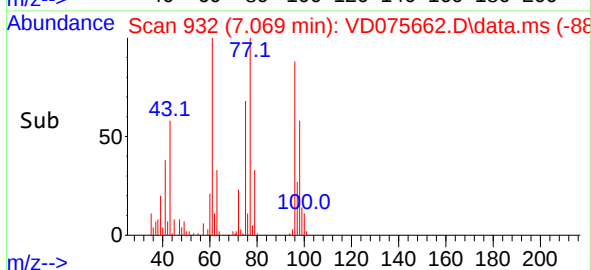
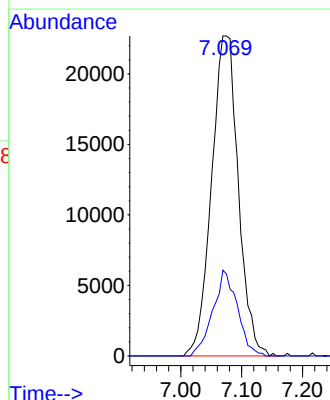
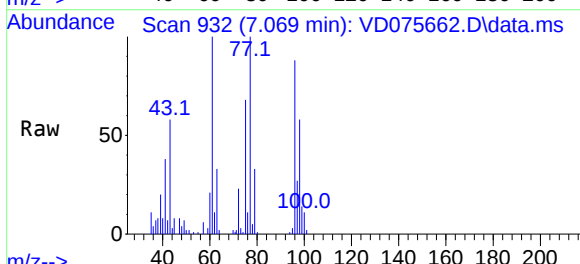
Acq: 13 Apr 2023 16:01

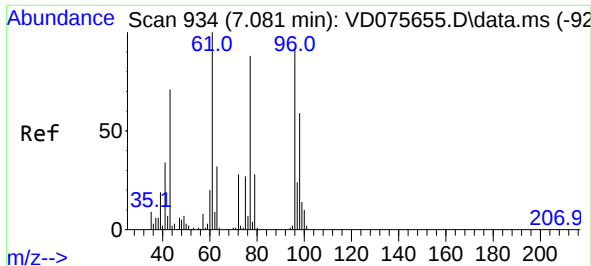
Tgt Ion: 77 Resp: 69250

Ion Ratio Lower Upper

77 100

97 24.5 11.1 33.1



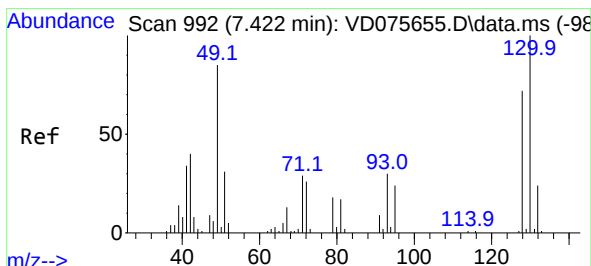
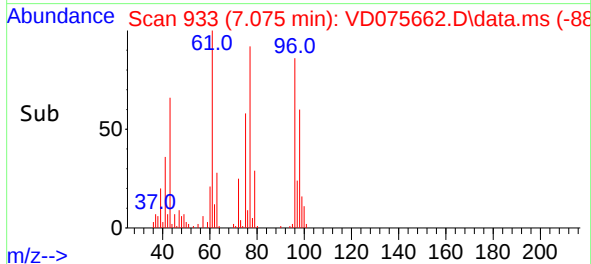
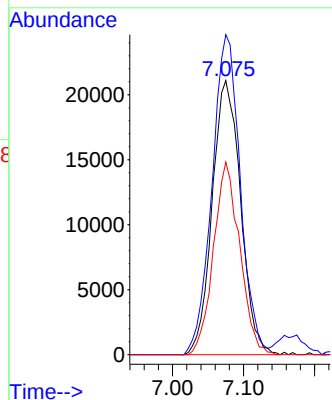
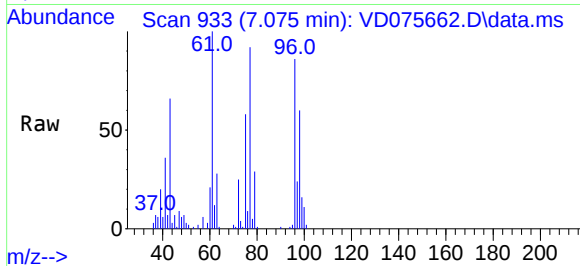


#27
 cis-1,2-Dichloroethene
 Concen: 20.160 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD075662.D
 Acq: 13 Apr 2023 16:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0413SBS01

Tgt Ion: 96 Resp: 58546

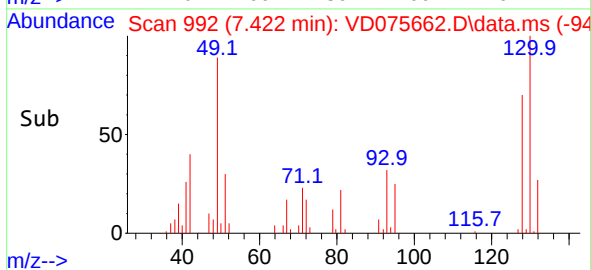
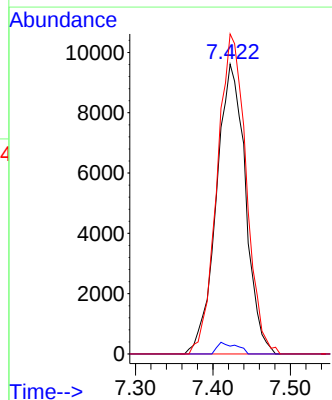
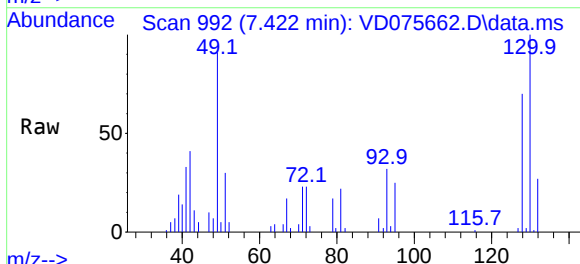
Ion	Ratio	Lower	Upper
96	100		
61	115.7	0.0	295.2
98	64.9	0.0	129.2

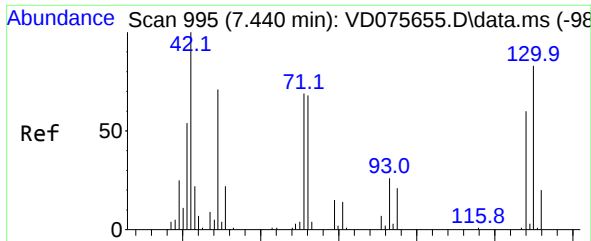


#28
 Bromochloromethane
 Concen: 21.124 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD075662.D
 Acq: 13 Apr 2023 16:01

Tgt Ion: 49 Resp: 25064

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	2.2#
130	110.2	56.0	84.0#

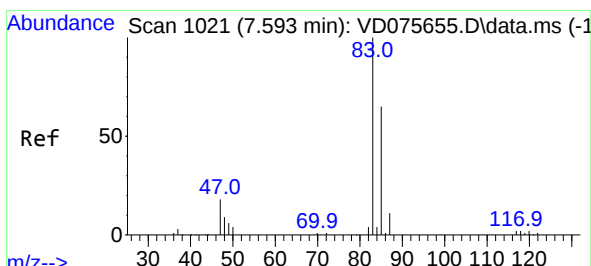
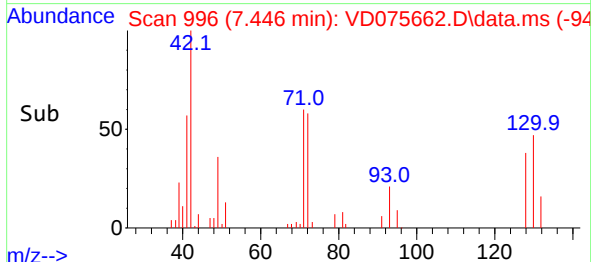
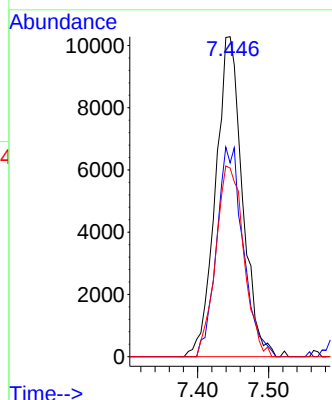
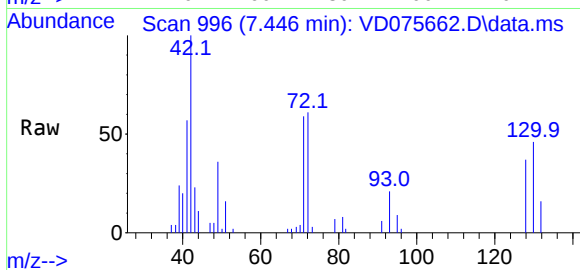




#29
Tetrahydrofuran
Concen: 111.984 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

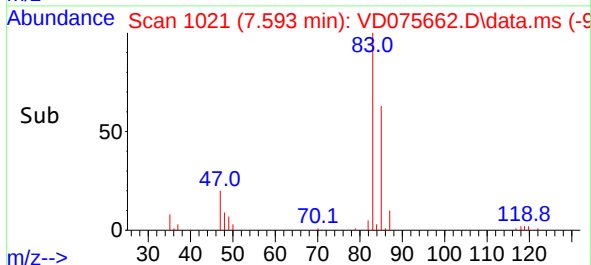
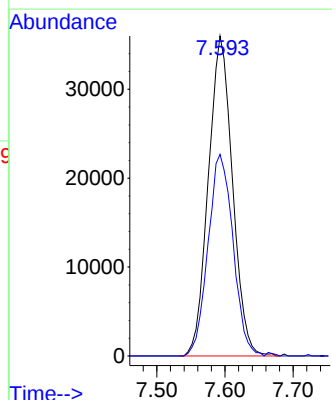
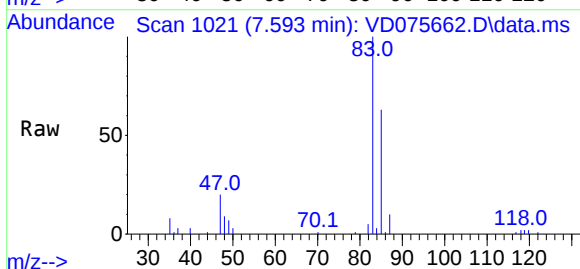
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

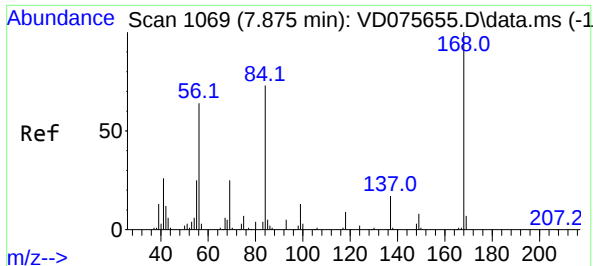
Tgt Ion: 42 Resp: 26946
Ion Ratio Lower Upper
42 100
72 65.3 31.8 47.6#
71 62.2 27.6 41.4#



#30
Chloroform
Concen: 20.844 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

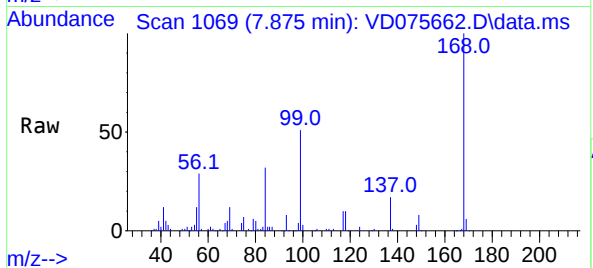
Tgt Ion: 83 Resp: 88697
Ion Ratio Lower Upper
83 100
85 63.0 49.4 74.2



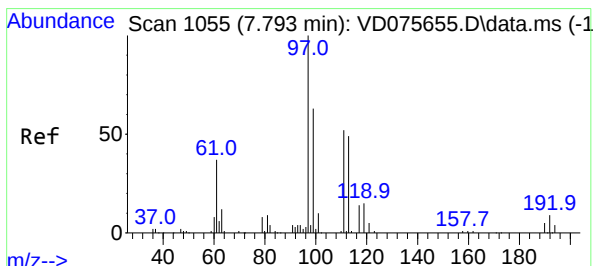
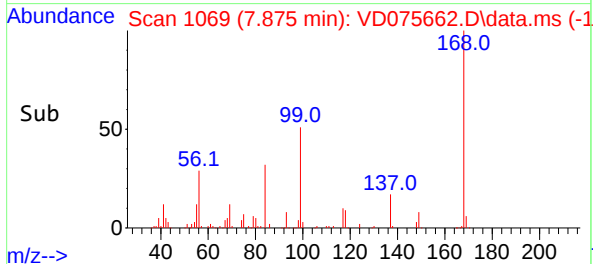
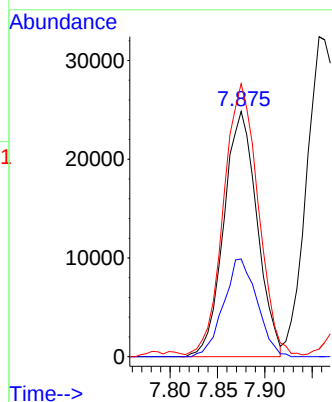


#31
Cyclohexane
Concen: 20.680 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

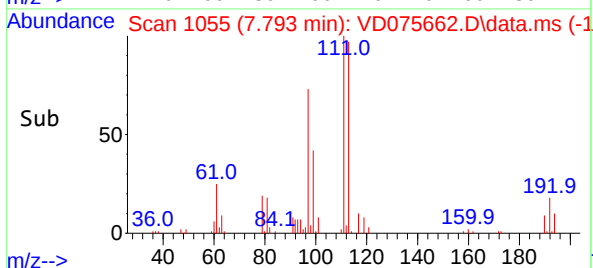
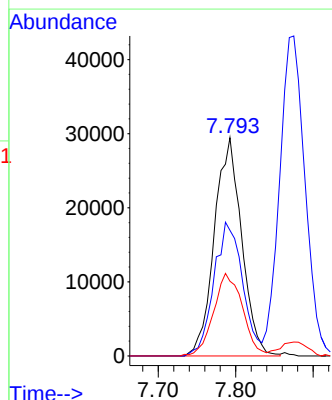
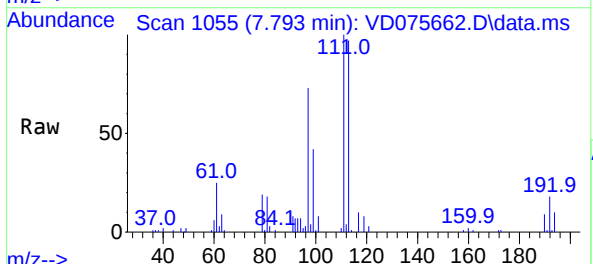


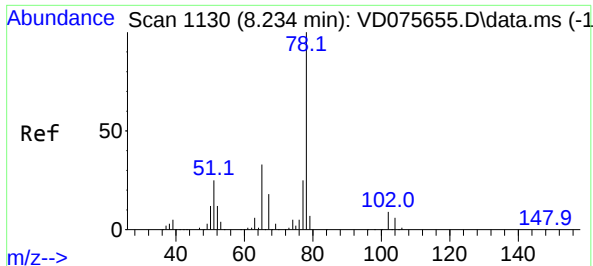
Tgt Ion: 56 Resp: 60535
Ion Ratio Lower Upper
56 100
69 39.9 25.5 38.3#
84 110.0 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 20.818 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 97 Resp: 72235
Ion Ratio Lower Upper
97 100
99 64.5 50.5 75.7
61 40.0 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.961 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD075662.D

Acq: 13 Apr 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

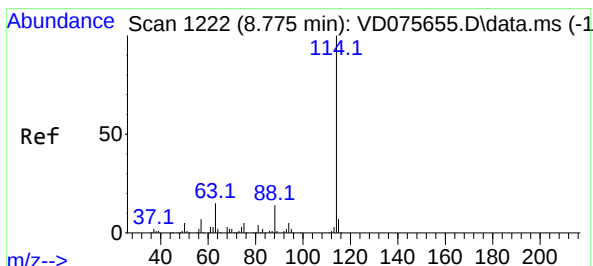
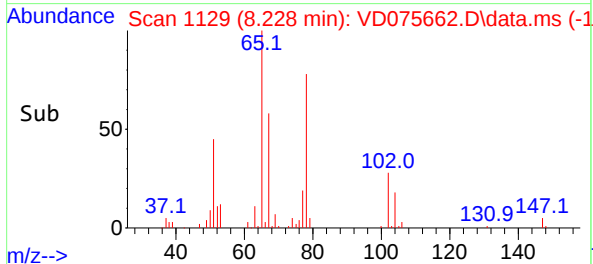
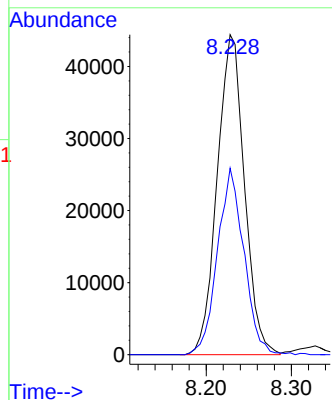
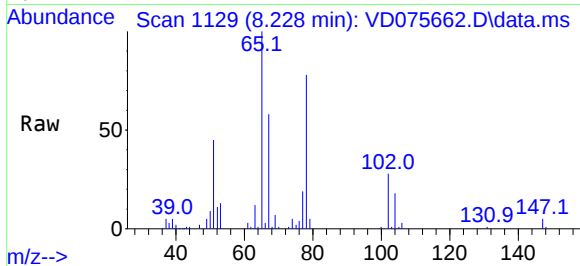
VD0413SBS01

Tgt Ion: 65 Resp: 98795

Ion Ratio Lower Upper

65 100

67 56.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD075662.D

Acq: 13 Apr 2023 16:01

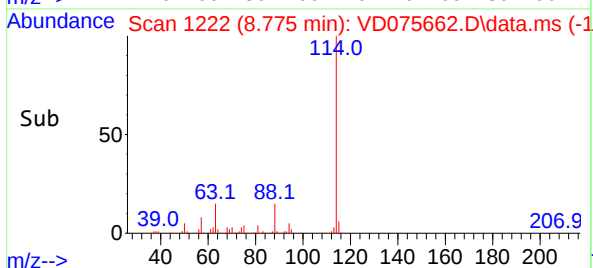
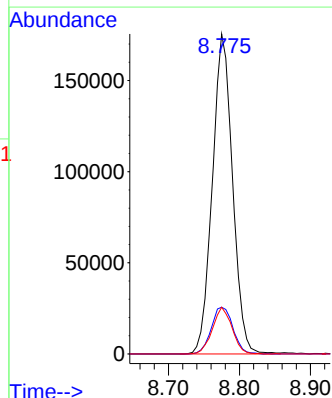
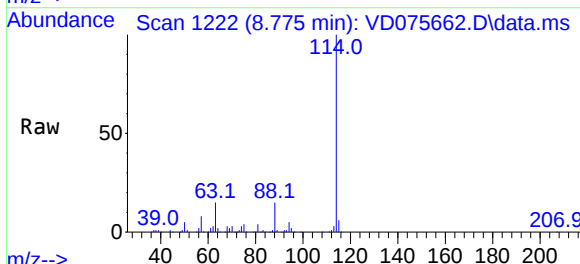
Tgt Ion: 114 Resp: 346483

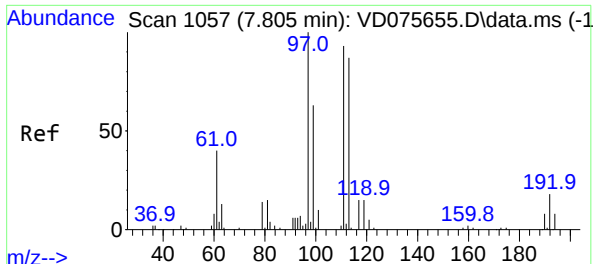
Ion Ratio Lower Upper

114 100

63 14.6 0.0 41.6

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.831 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075662.D

Acq: 13 Apr 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

VD0413SBS01

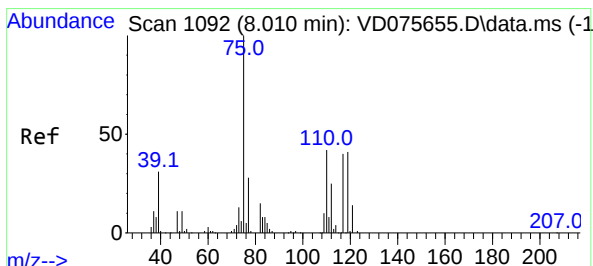
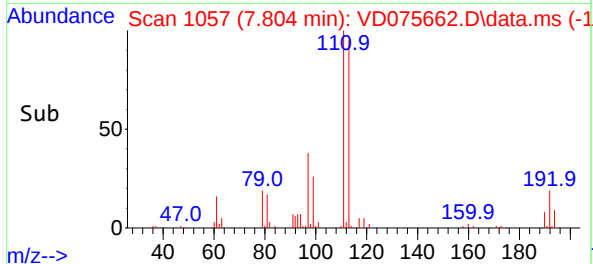
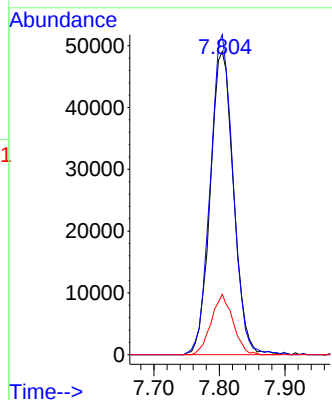
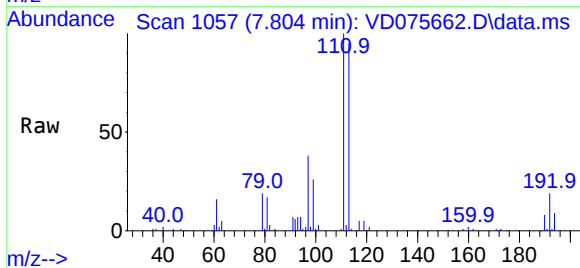
Tgt Ion:113 Resp: 120790

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 18.5 15.2 22.8



#36

1,1-Dichloropropene

Concen: 19.836 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD075662.D

Acq: 13 Apr 2023 16:01

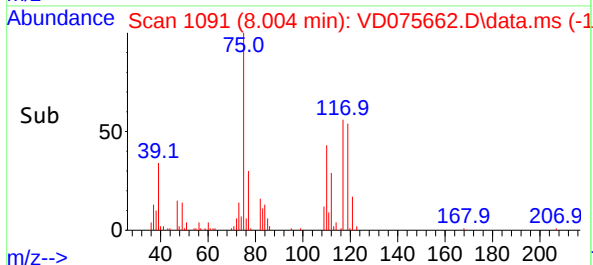
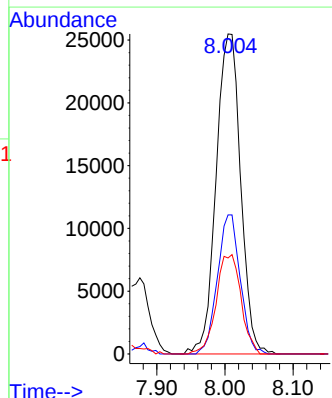
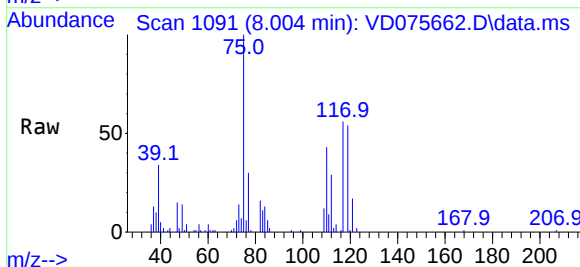
Tgt Ion: 75 Resp: 63773

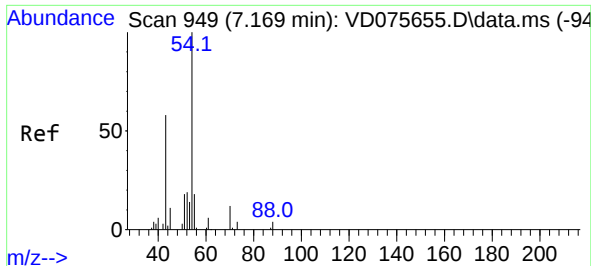
Ion Ratio Lower Upper

75 100

110 40.4 17.1 51.2

77 31.4 24.6 36.8

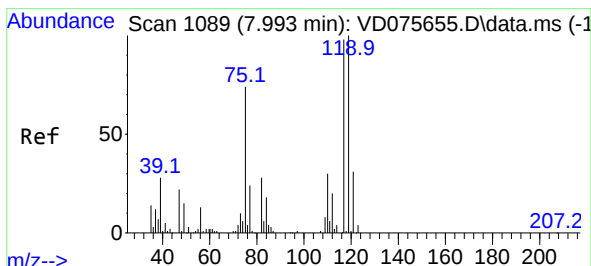
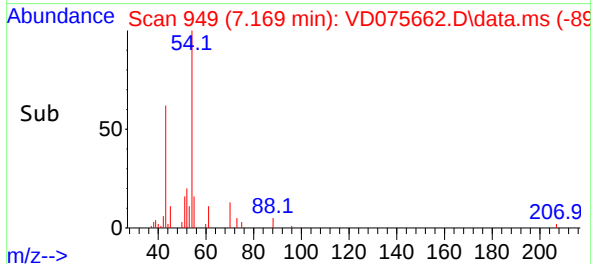
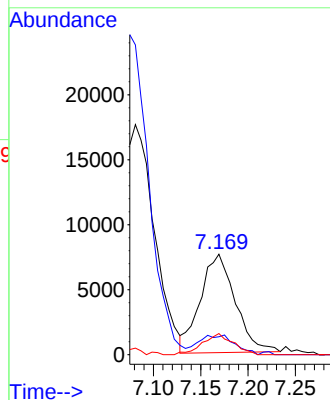
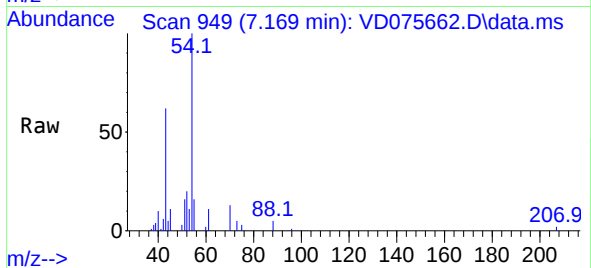




#37
Ethyl Acetate
Concen: 19.887 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

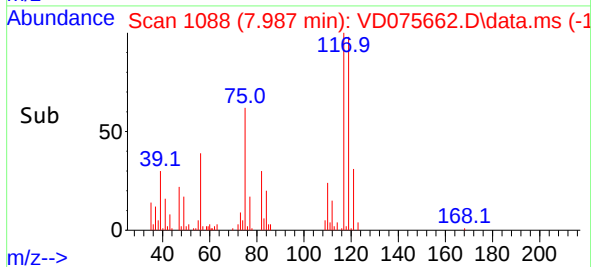
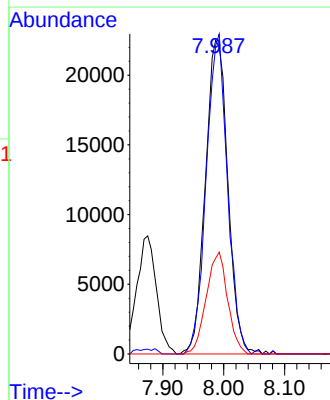
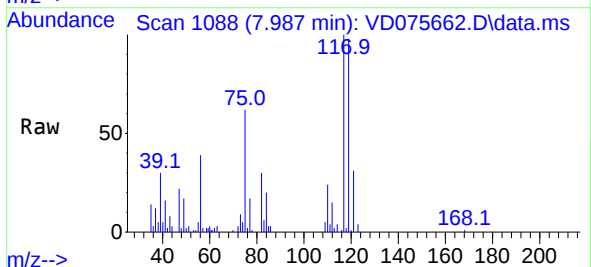
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

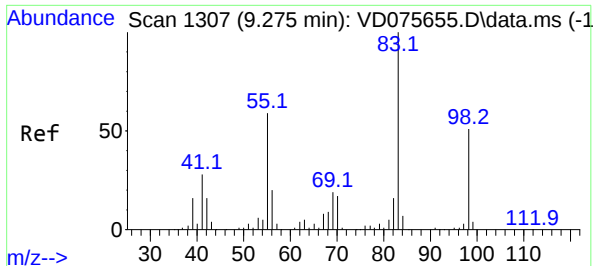
Tgt Ion: 43 Resp: 19458
Ion Ratio Lower Upper
43 100
61 20.6 0.0 0.0#
70 18.7 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 20.443 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 117 Resp: 57879
Ion Ratio Lower Upper
117 100
119 98.3 74.7 112.1
121 30.5 25.9 38.9





#39

Methylcyclohexane

Concen: 19.854 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075662.D

Acq: 13 Apr 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

VD0413SBS01

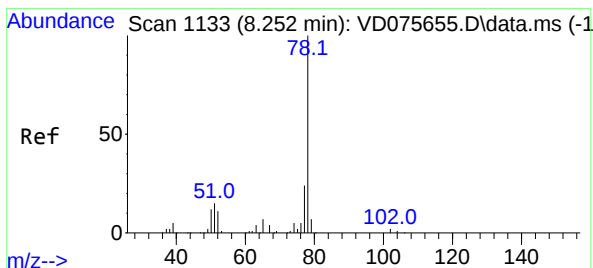
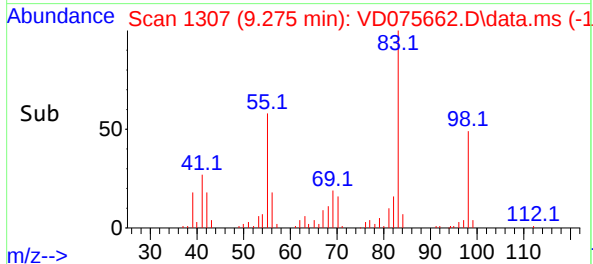
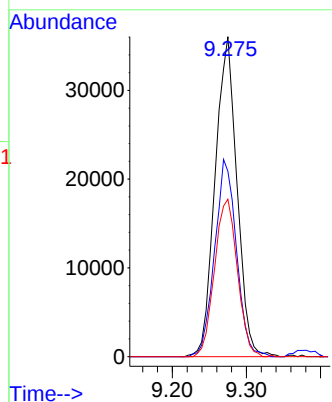
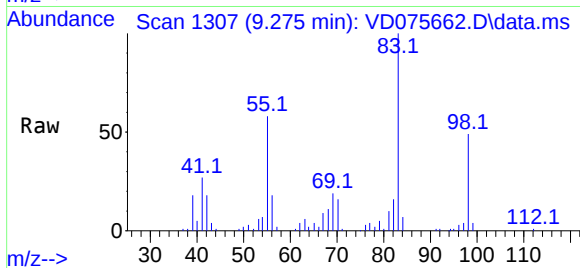
Tgt Ion: 83 Resp: 73811

Ion Ratio Lower Upper

83 100

55 58.0 56.8 85.2

98 49.2 38.9 58.3



#40

Benzene

Concen: 20.372 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD075662.D

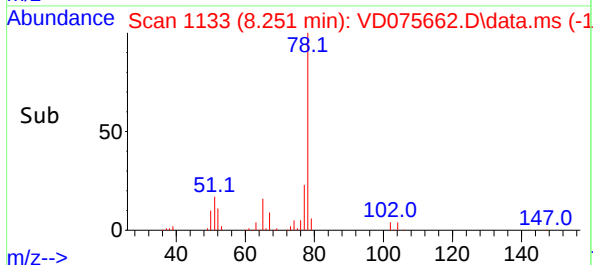
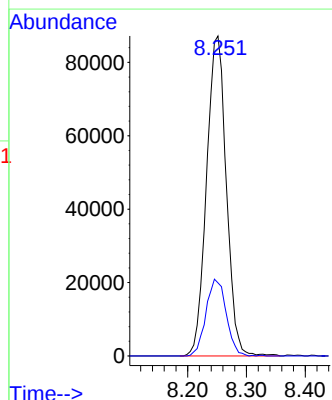
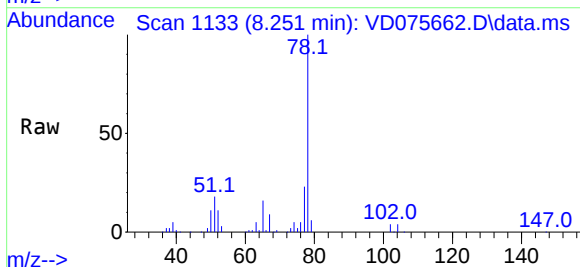
Acq: 13 Apr 2023 16:01

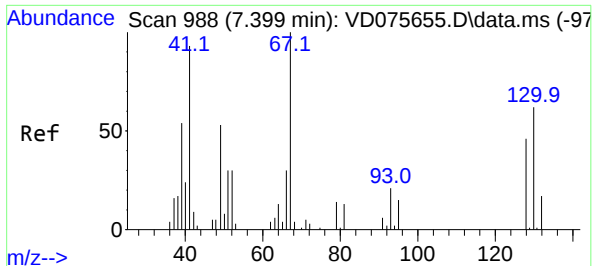
Tgt Ion: 78 Resp: 203613

Ion Ratio Lower Upper

78 100

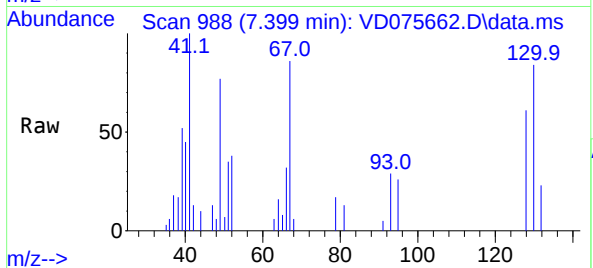
77 22.8 19.1 28.7





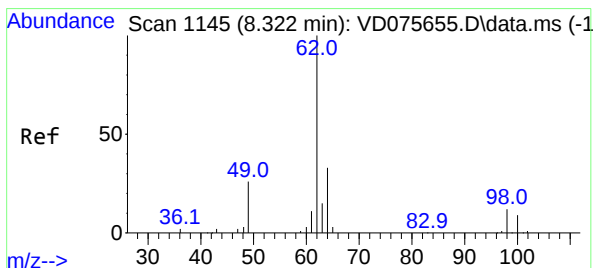
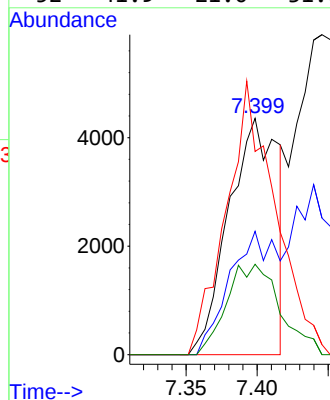
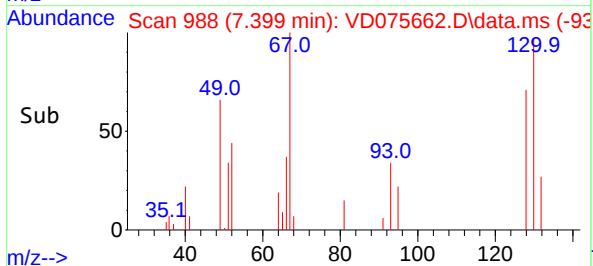
#41
Methacrylonitrile
Concen: 22.233 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01



Tgt Ion: 41 Resp: 10439

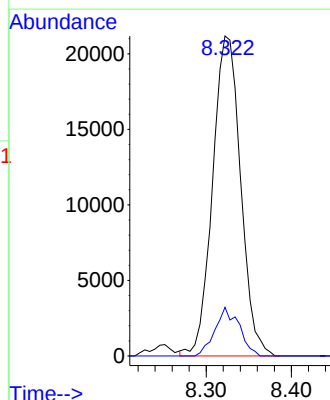
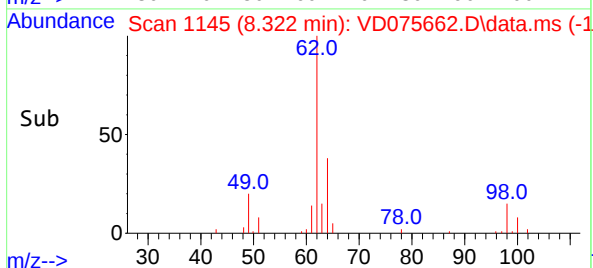
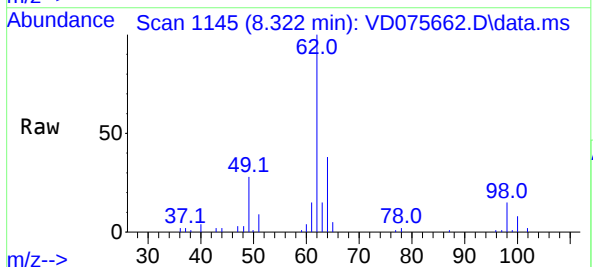
Ion	Ratio	Lower	Upper
41	100		
39	50.2	45.3	67.9
67	115.7	50.5	75.7#
52	41.9	21.0	31.6#

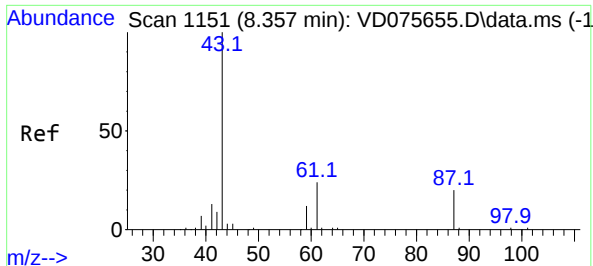


#42
1,2-Dichloroethane
Concen: 21.337 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 62 Resp: 48439

Ion	Ratio	Lower	Upper
62	100		
98	13.2	0.0	18.8

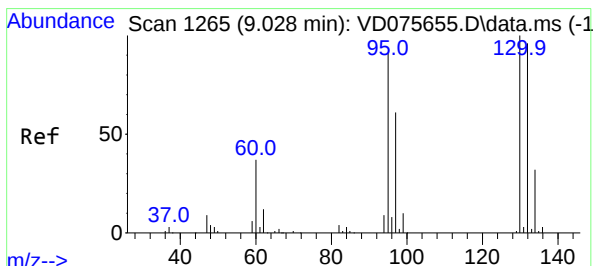
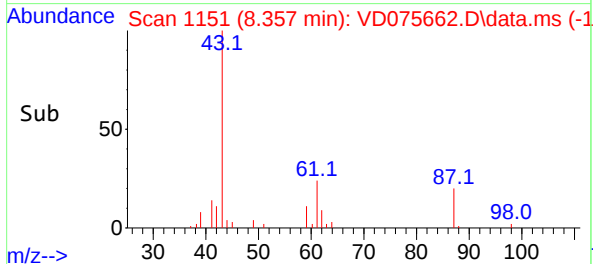
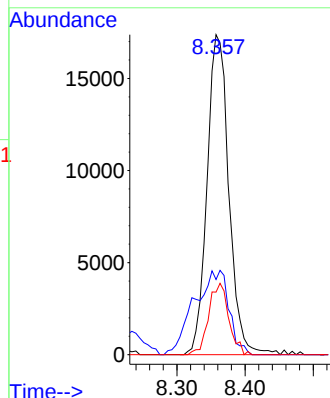
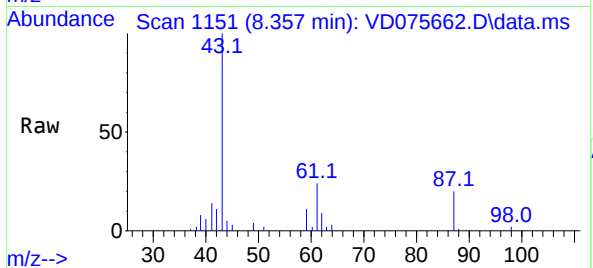




#43
Isopropyl Acetate
Concen: 21.707 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

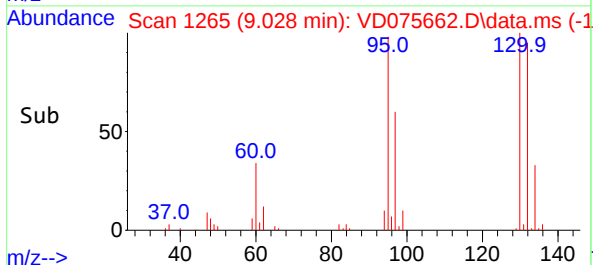
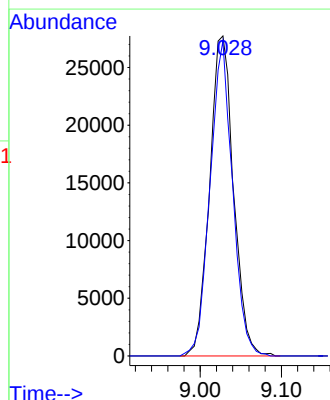
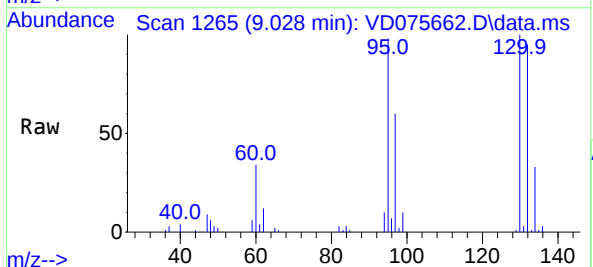
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

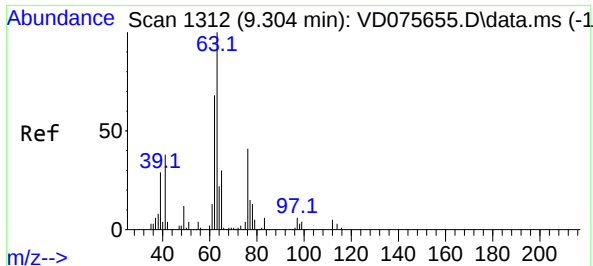
Tgt Ion: 43 Resp: 38728
Ion Ratio Lower Upper
43 100
61 41.7 23.4 35.0#
87 20.6 9.5 14.3#



#44
Trichloroethene
Concen: 20.067 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion:130 Resp: 56760
Ion Ratio Lower Upper
130 100
95 98.5 0.0 197.6

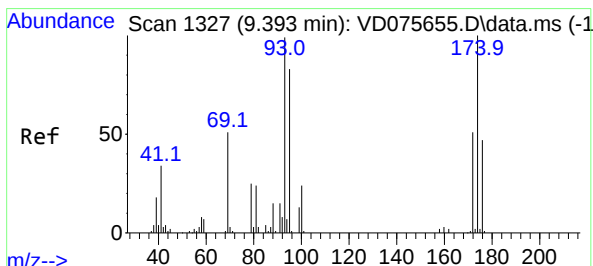
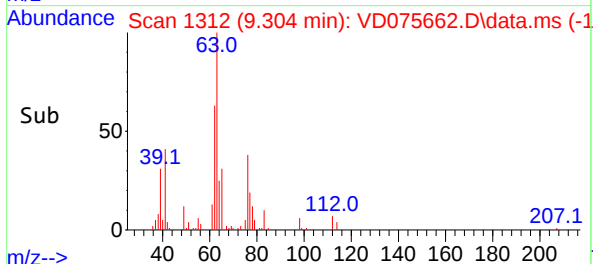
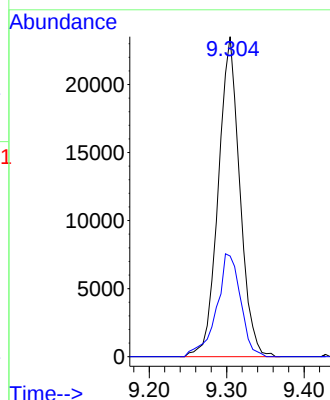
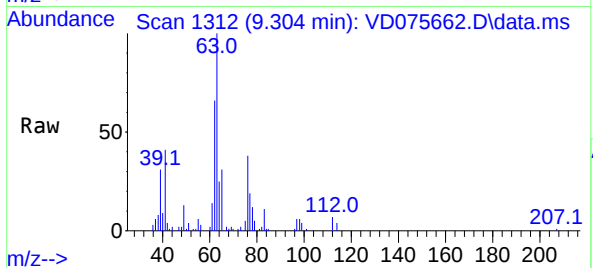




#45
1,2-Dichloropropane
Concen: 20.275 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

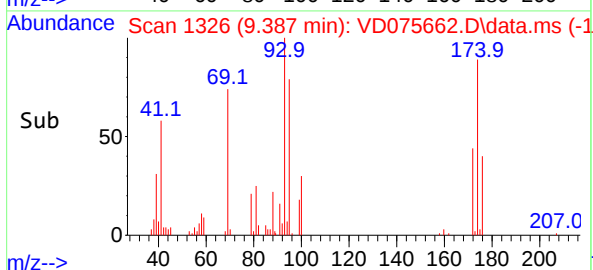
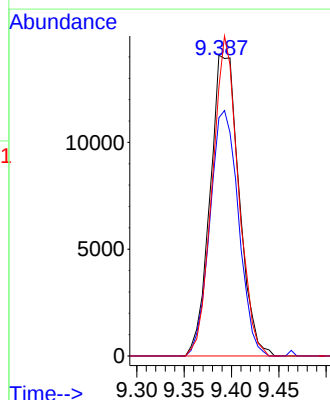
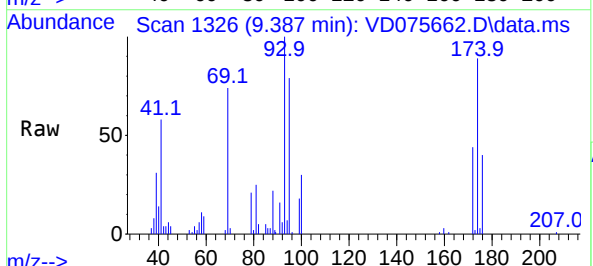
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

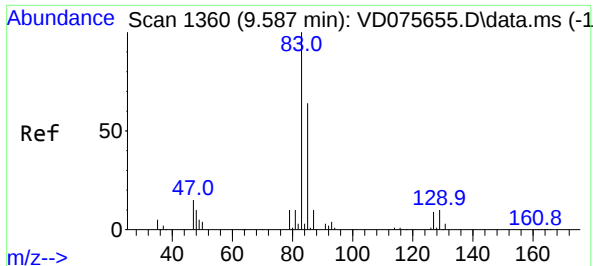
Tgt Ion: 63 Resp: 45411
Ion Ratio Lower Upper
63 100
65 31.5 23.0 34.4



#46
Dibromomethane
Concen: 21.133 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 93 Resp: 30028
Ion Ratio Lower Upper
93 100
95 80.2 64.5 96.7
174 95.2 76.2 114.4

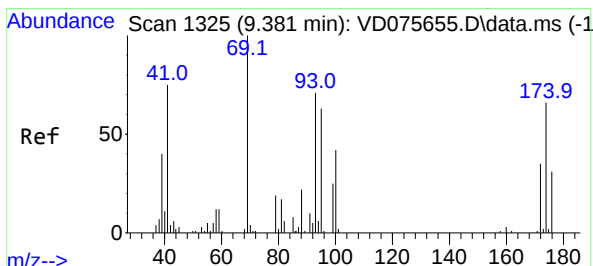
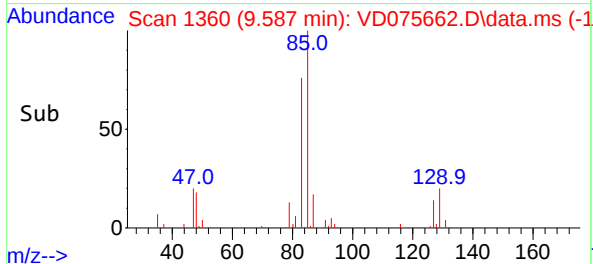
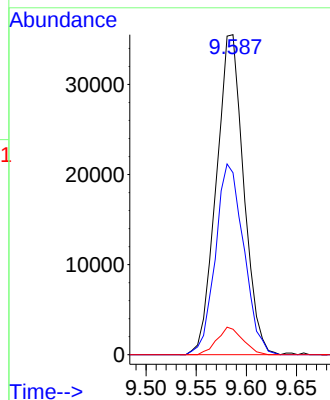
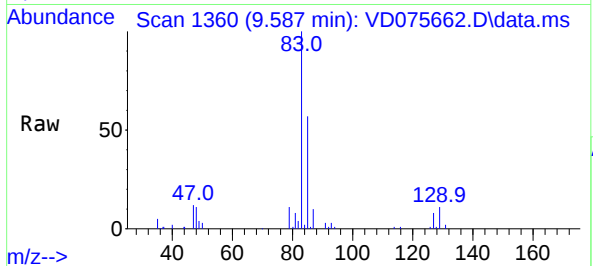




#47
Bromodichloromethane
Concen: 20.765 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

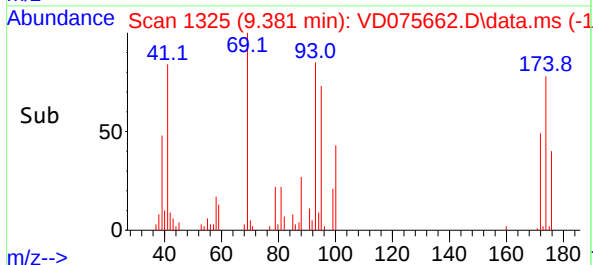
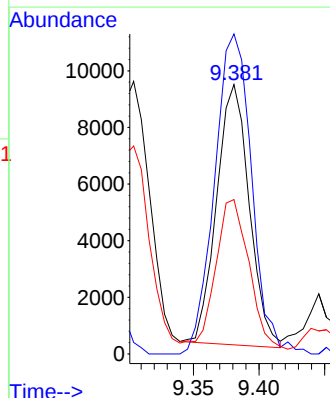
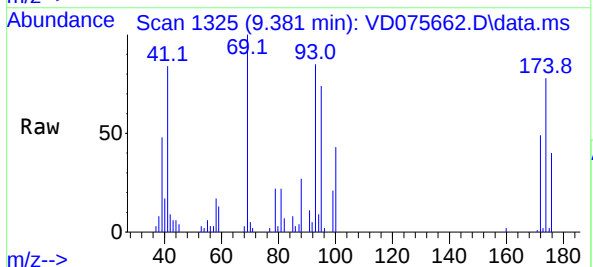
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

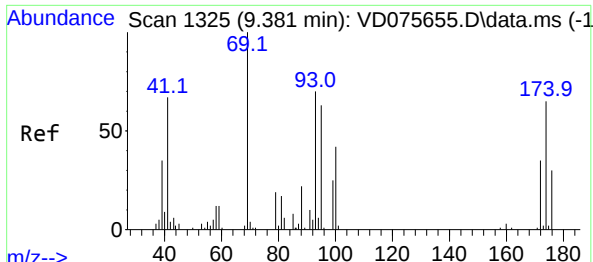
Tgt Ion: 83 Resp: 67489
Ion Ratio Lower Upper
83 100
85 56.8 53.7 80.5
127 8.0 7.0 10.6



#48
Methyl methacrylate
Concen: 19.983 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

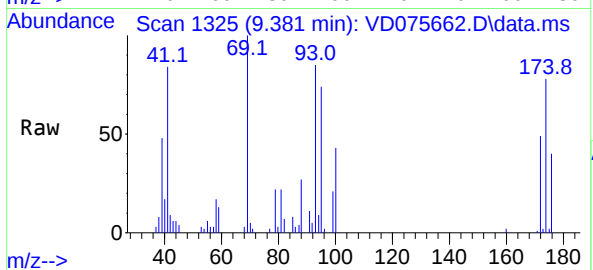
Tgt Ion: 41 Resp: 15884
Ion Ratio Lower Upper
41 100
69 140.2 58.6 88.0#
39 59.4 53.4 80.0



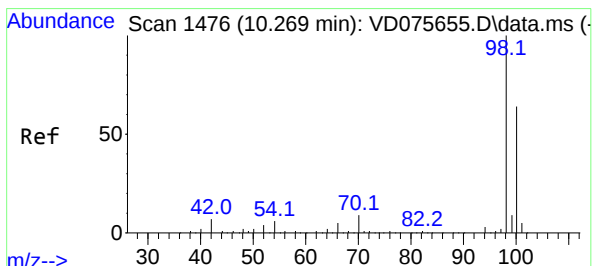
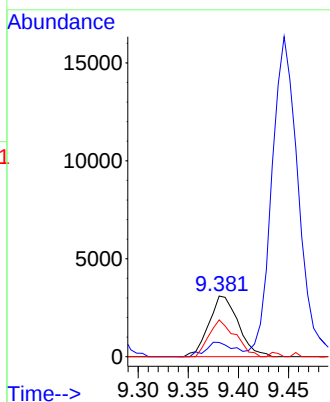
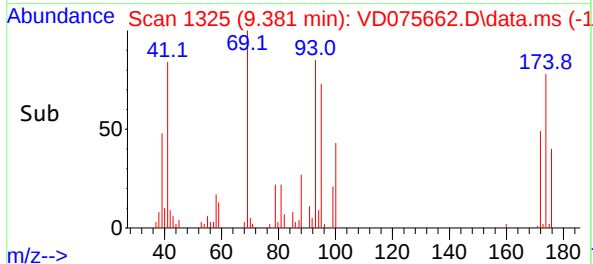


#49
1,4-Dioxane
Concen: 449.735 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

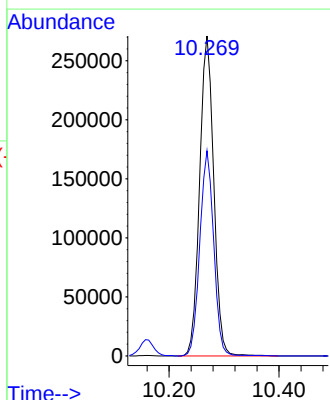
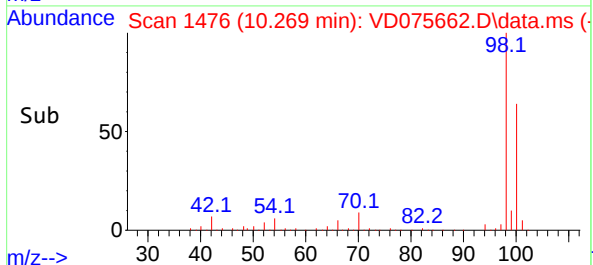
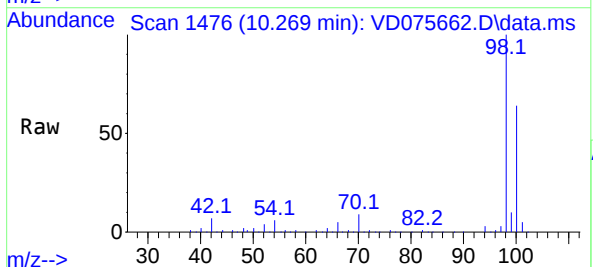


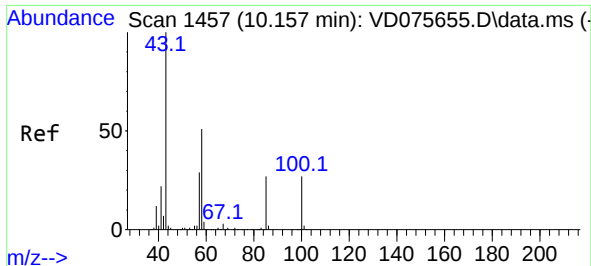
Tgt Ion: 88 Resp: 6340
Ion Ratio Lower Upper
88 100
43 22.4 34.6 51.8#
58 54.0 58.0 87.0#



#50
Toluene-d8
Concen: 51.772 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 98 Resp: 483158
Ion Ratio Lower Upper
98 100
100 63.1 52.1 78.1

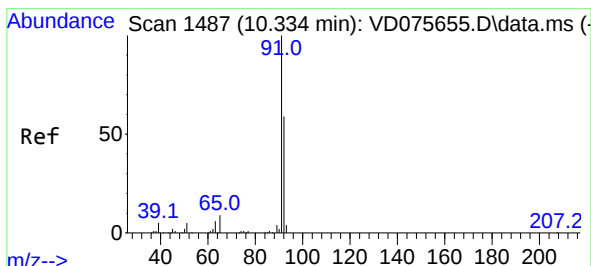
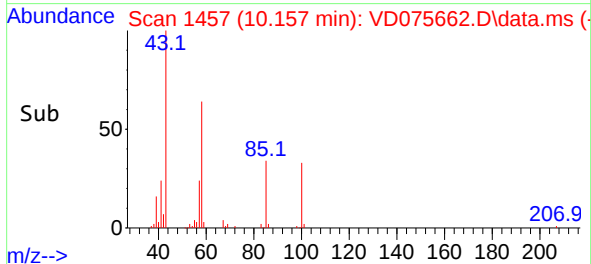
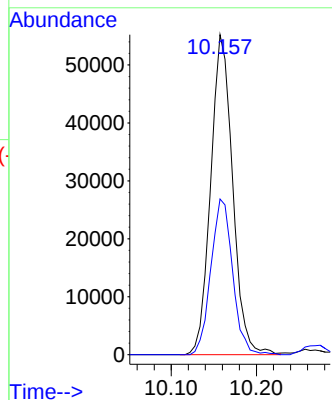
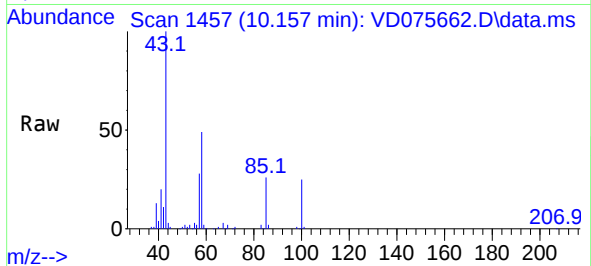




#51
4-Methyl-2-Pentanone
Concen: 103.965 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

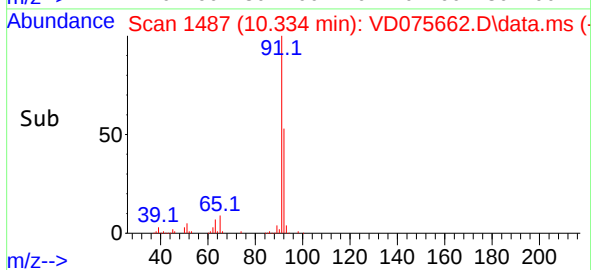
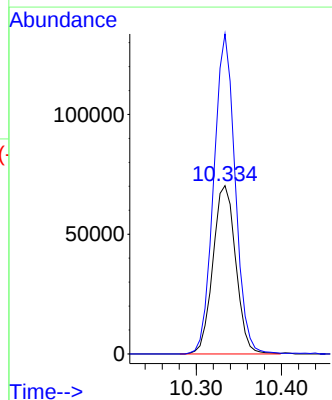
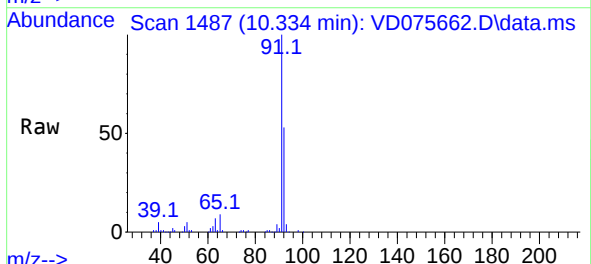
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

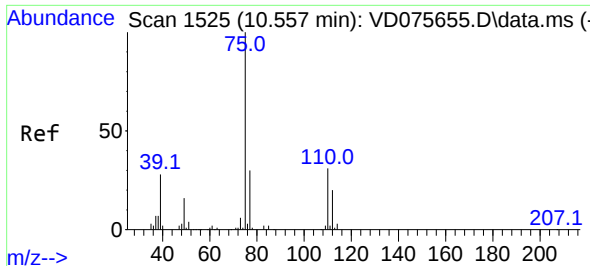
Tgt Ion: 43 Resp: 98898
Ion Ratio Lower Upper
43 100
58 48.2 29.5 44.3#



#52
Toluene
Concen: 19.662 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 92 Resp: 130674
Ion Ratio Lower Upper
92 100
91 179.0 136.5 204.7

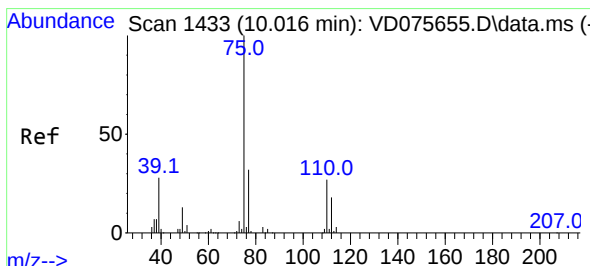
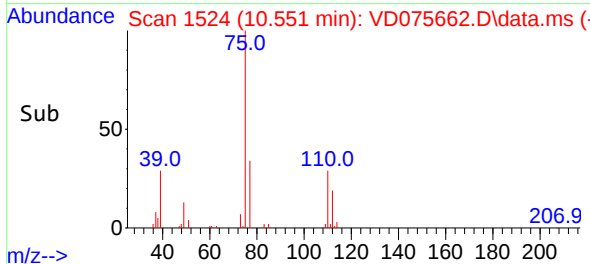
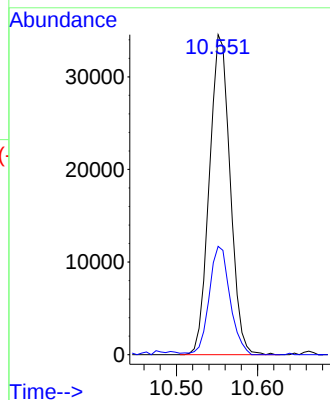
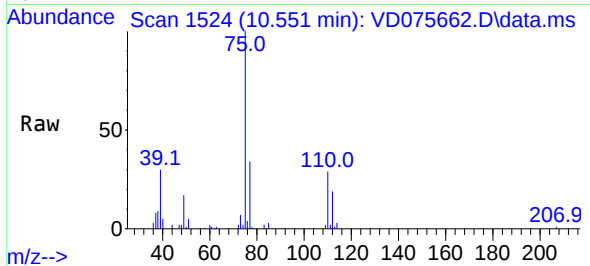




#53
 t-1,3-Dichloropropene
 Concen: 19.671 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD075662.D
 Acq: 13 Apr 2023 16:01

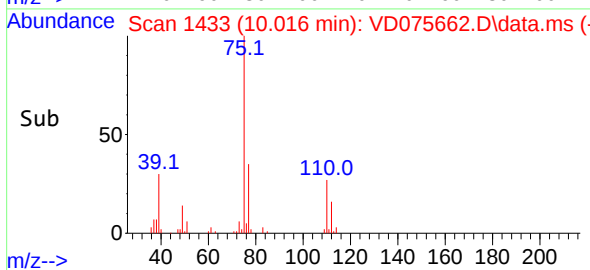
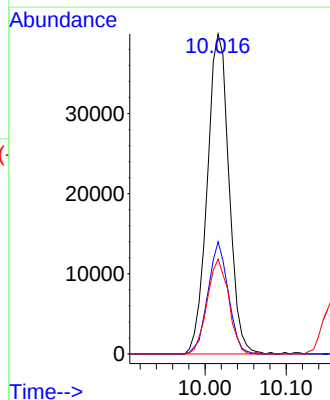
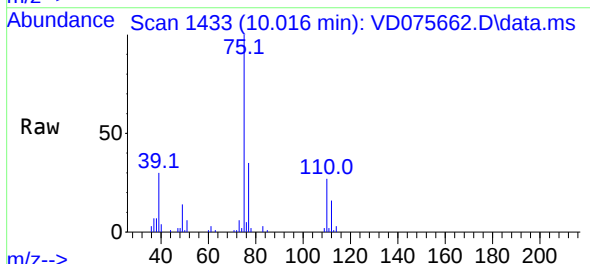
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0413SBS01

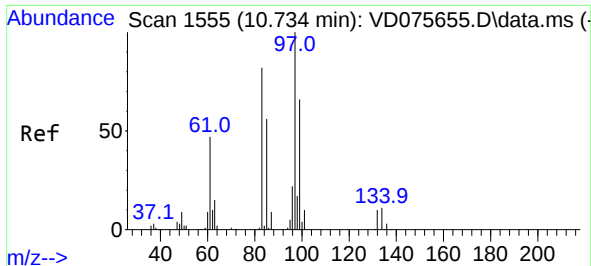
Tgt Ion: 75 Resp: 61288
 Ion Ratio Lower Upper
 75 100
 77 33.9 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.024 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075662.D
 Acq: 13 Apr 2023 16:01

Tgt Ion: 75 Resp: 74126
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.6 38.4
 39 29.6 44.8 67.2#



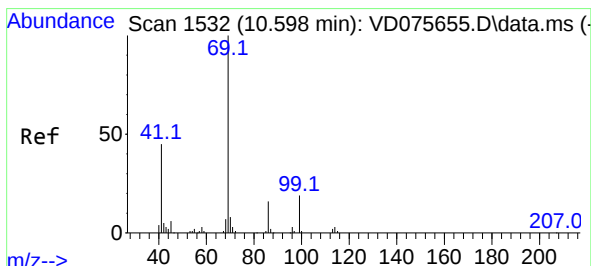
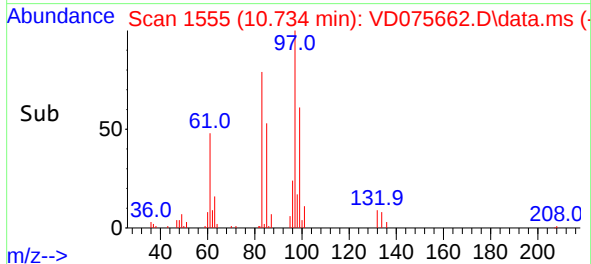
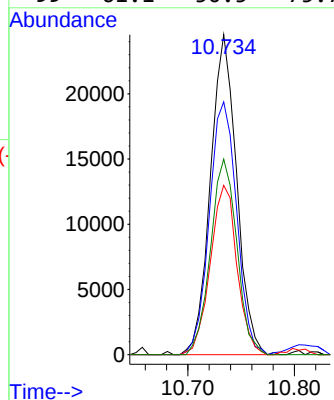
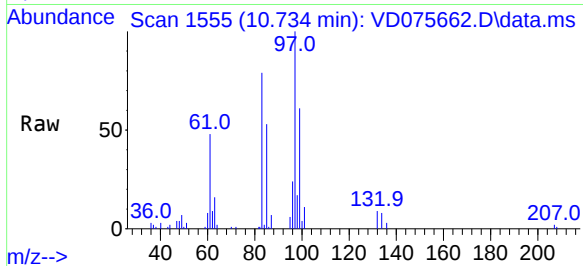


#55
1,1,2-Trichloroethane
Concen: 20.353 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

Tgt Ion: 97 Resp: 41872

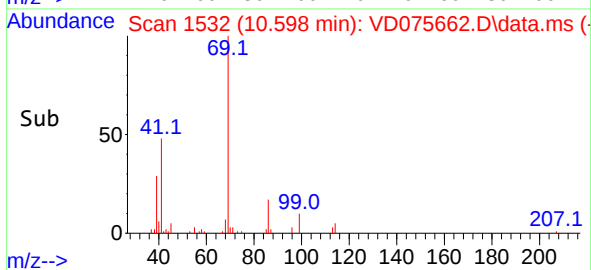
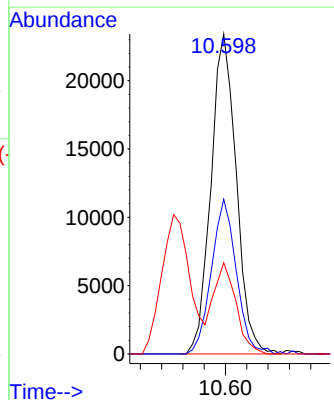
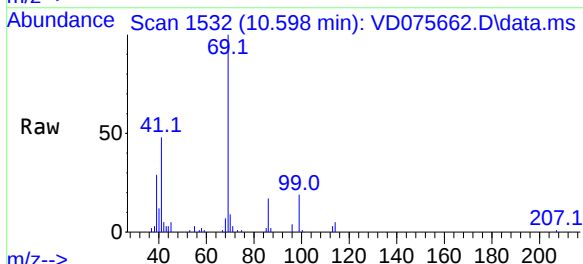
Ion	Ratio	Lower	Upper
97	100		
83	79.0	74.2	111.4
85	52.9	45.4	68.0
99	61.1	50.5	75.7

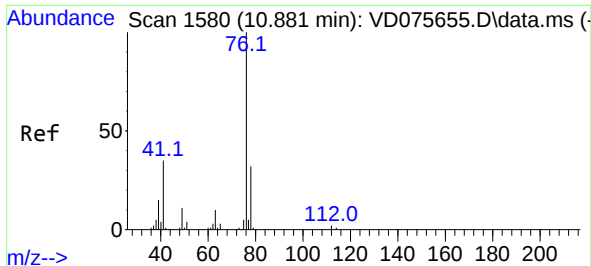


#56
Ethyl methacrylate
Concen: 19.115 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 69 Resp: 38701

Ion	Ratio	Lower	Upper
69	100		
41	47.8	59.3	88.9#
39	25.4	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 20.397 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075662.D

Acq: 13 Apr 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

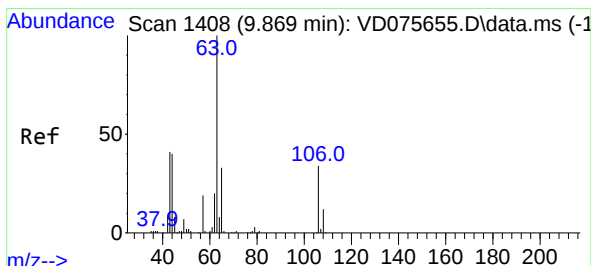
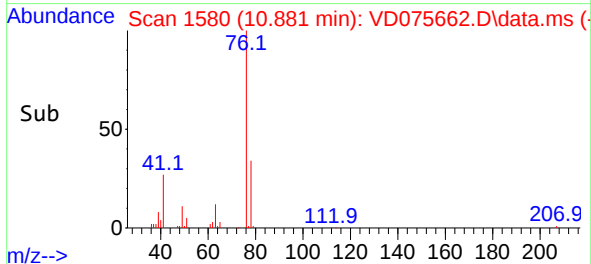
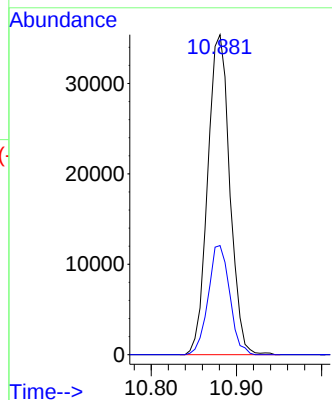
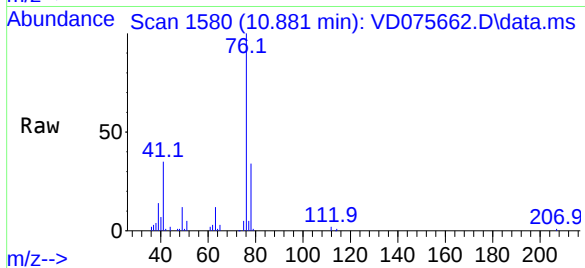
VD0413SBS01

Tgt Ion: 76 Resp: 63705

Ion Ratio Lower Upper

76 100

78 33.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 102.390 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075662.D

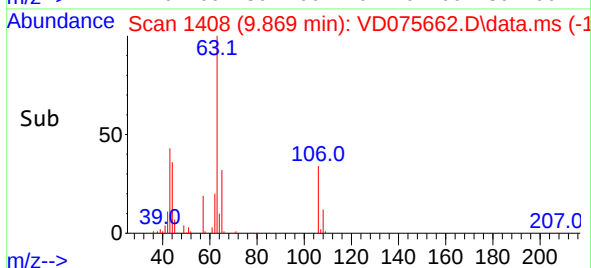
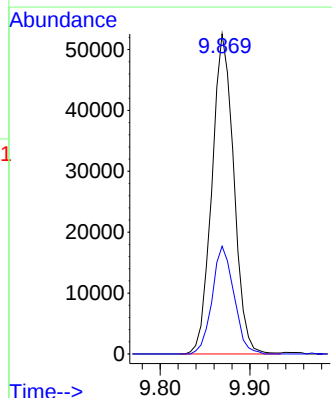
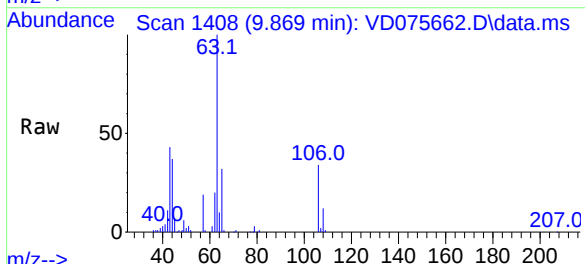
Acq: 13 Apr 2023 16:01

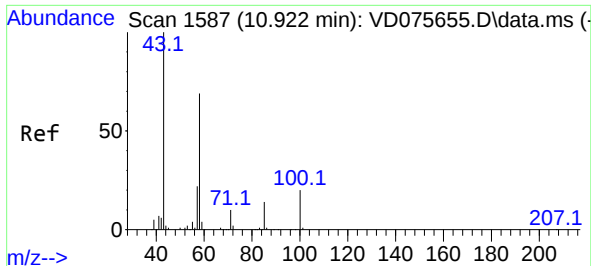
Tgt Ion: 63 Resp: 89030

Ion Ratio Lower Upper

63 100

106 33.4 21.4 32.2#

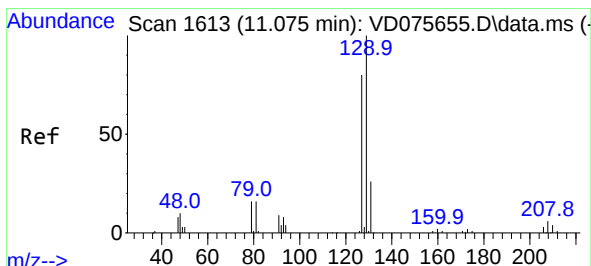
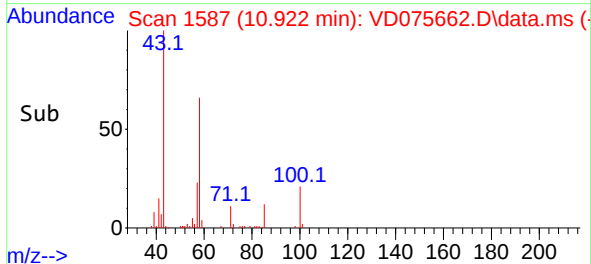
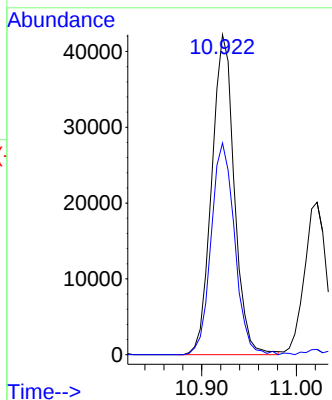
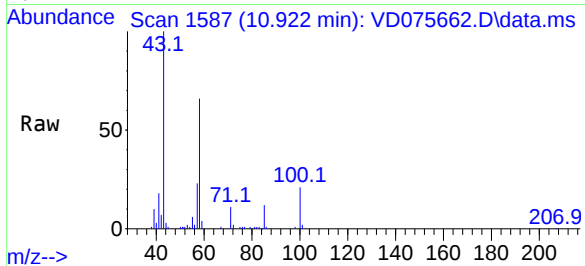




#59
2-Hexanone
Concen: 104.640 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

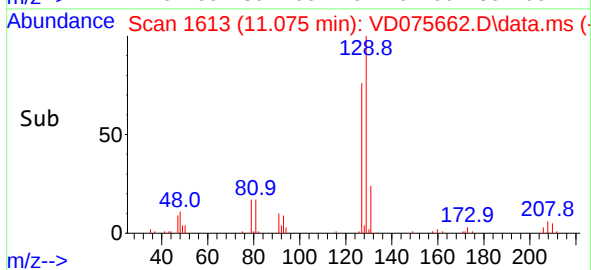
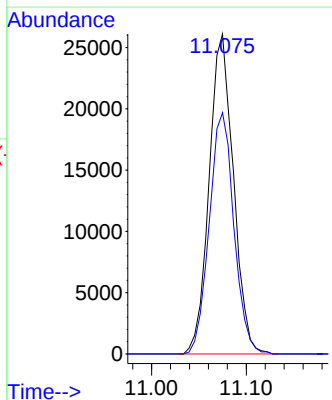
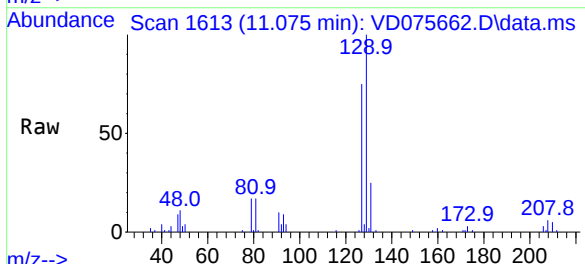
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

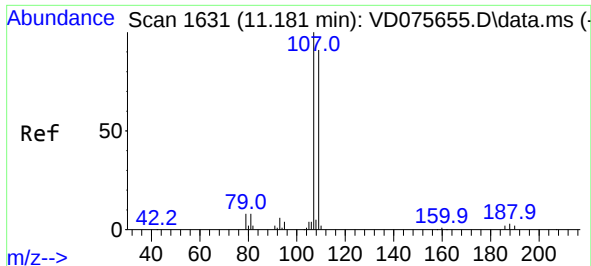
Tgt Ion: 43 Resp: 69989
Ion Ratio Lower Upper
43 100
58 68.8 25.3 75.8



#60
Dibromochloromethane
Concen: 19.279 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion:129 Resp: 46412
Ion Ratio Lower Upper
129 100
127 76.7 38.1 114.5

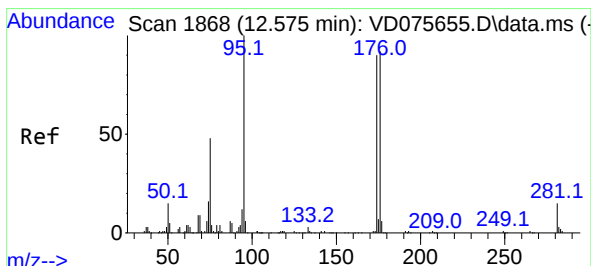
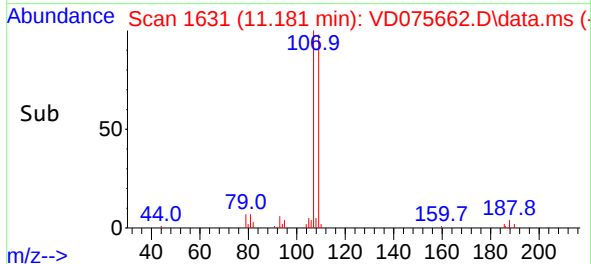
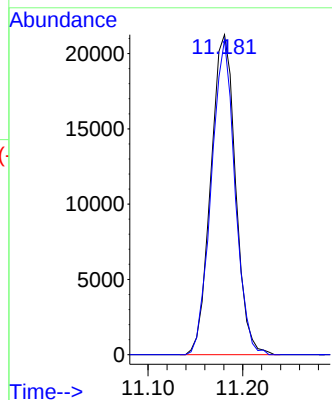
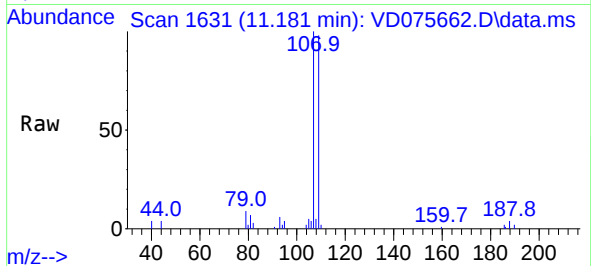




#61
1,2-Dibromoethane
Concen: 19.625 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

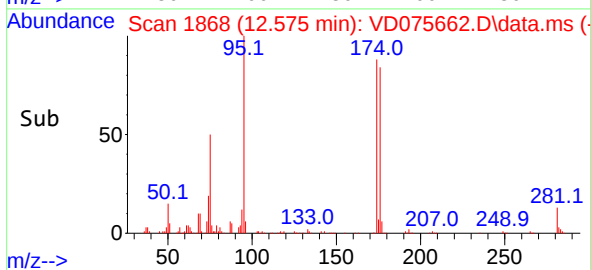
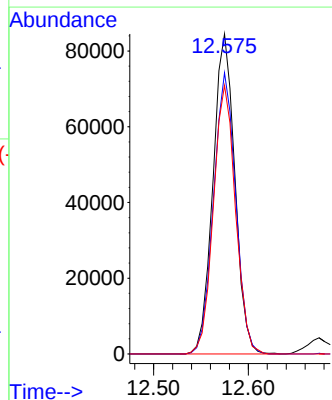
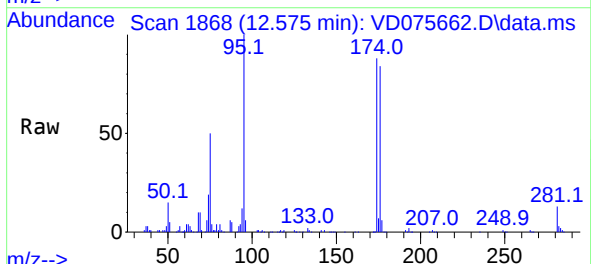
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

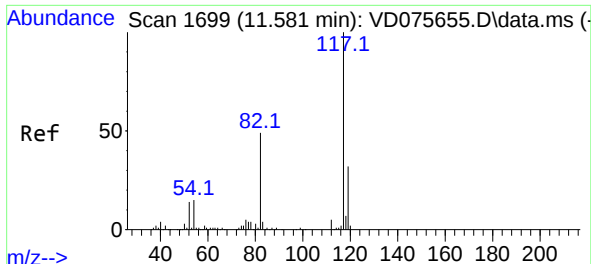
Tgt Ion:107 Resp: 38515
Ion Ratio Lower Upper
107 100
109 94.0 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 54.578 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 95 Resp: 135384
Ion Ratio Lower Upper
95 100
174 89.3 0.0 164.0
176 85.0 0.0 156.8

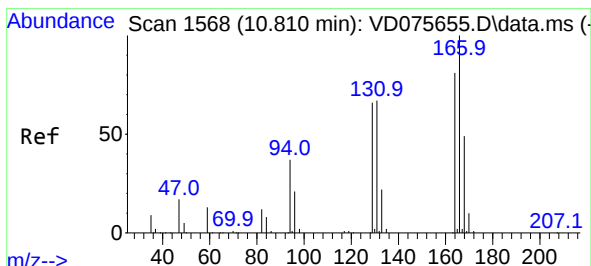
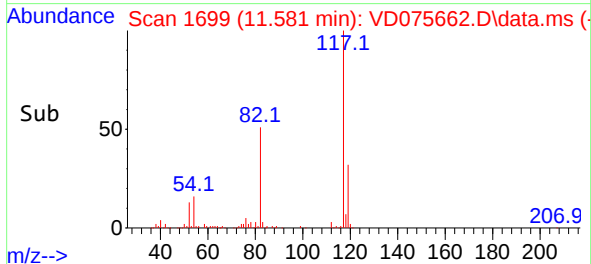
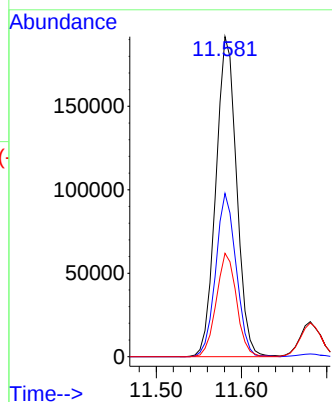
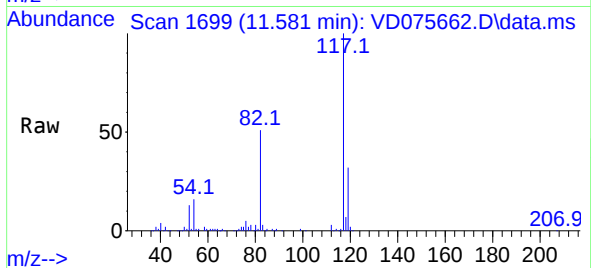




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

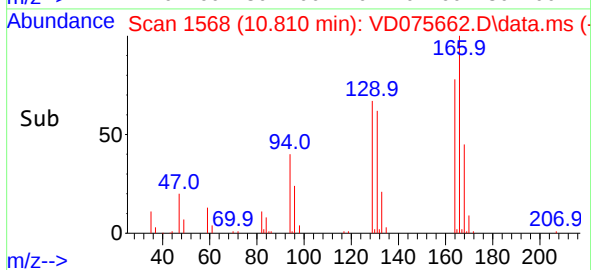
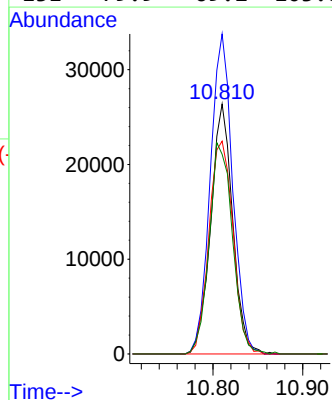
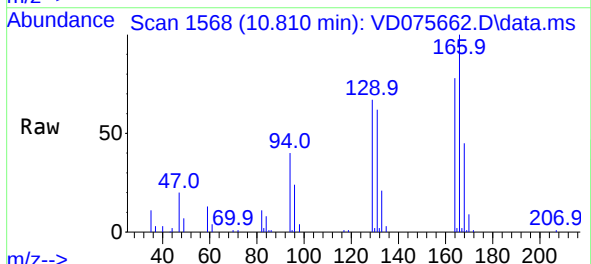
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

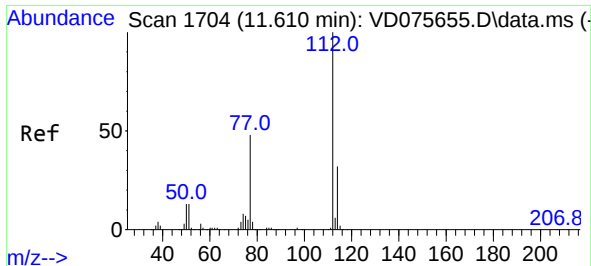
Tgt Ion:117 Resp: 324760
Ion Ratio Lower Upper
117 100
82 51.0 44.0 66.0
119 32.3 25.1 37.7



#64
Tetrachloroethene
Concen: 19.067 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion:164 Resp: 44595
Ion Ratio Lower Upper
164 100
166 128.1 94.9 142.3
129 85.2 73.0 109.6
131 79.9 69.2 103.8

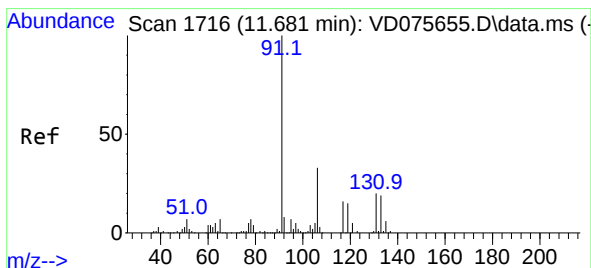
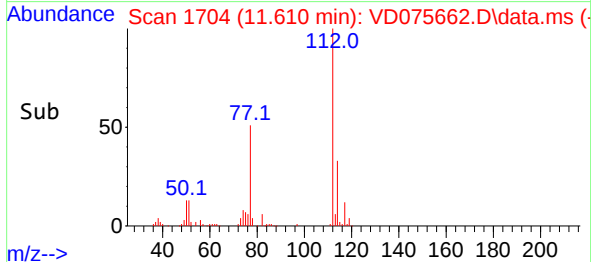
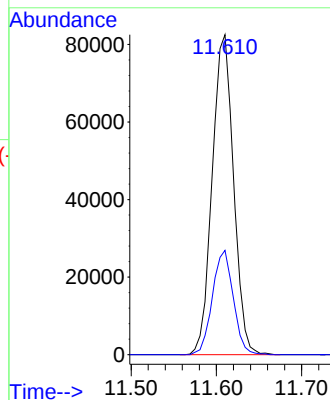
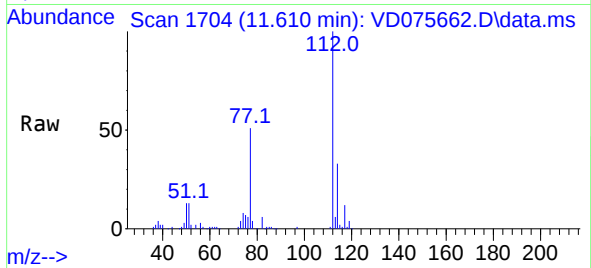




#65
Chlorobenzene
Concen: 20.650 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

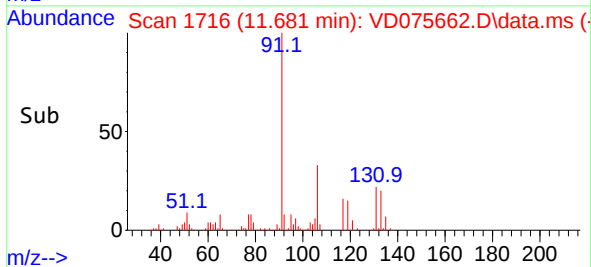
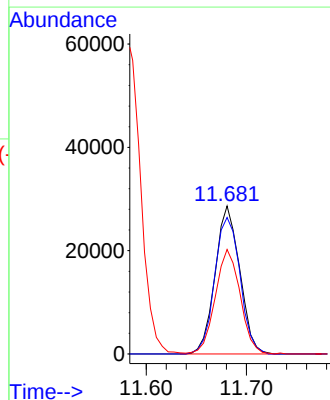
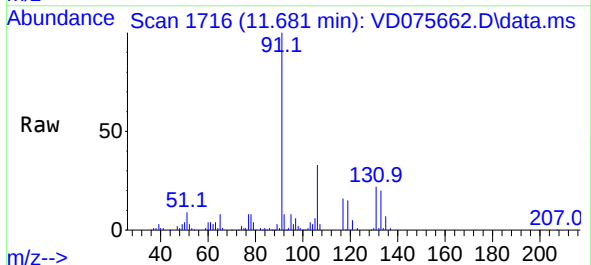
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

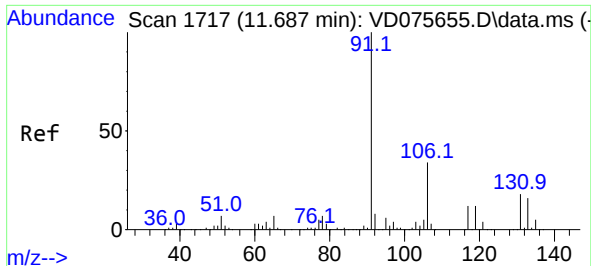
Tgt Ion:112 Resp: 143645
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.417 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion:131 Resp: 48825
Ion Ratio Lower Upper
131 100
133 95.1 46.7 140.0
119 71.5 31.9 95.9

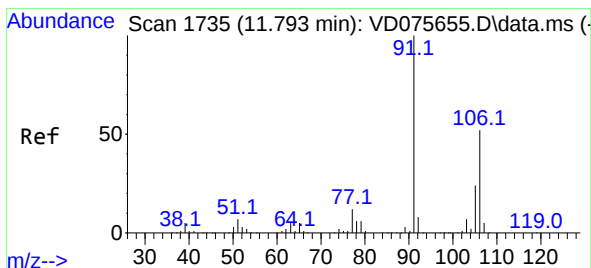
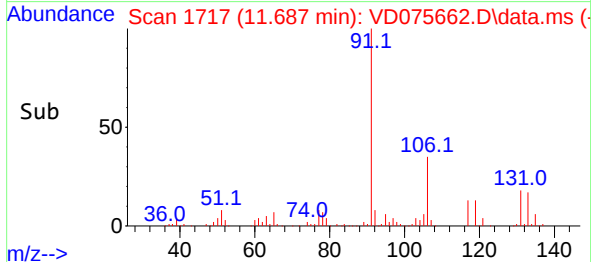
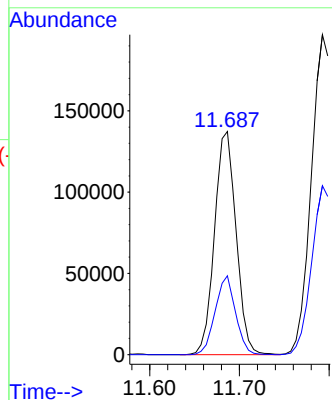
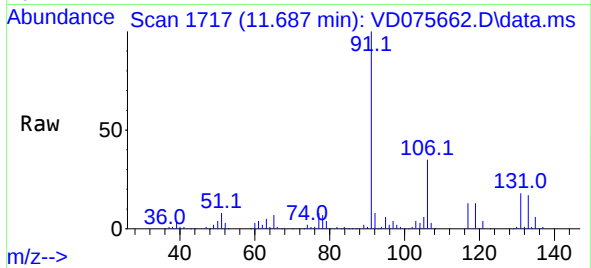




#67
Ethyl Benzene
Concen: 20.312 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

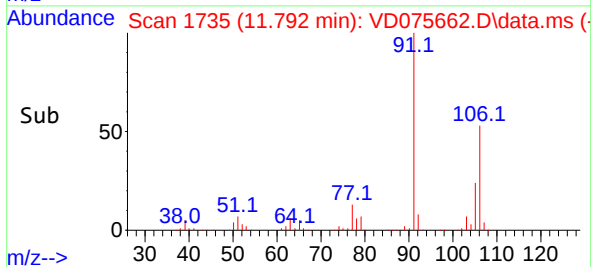
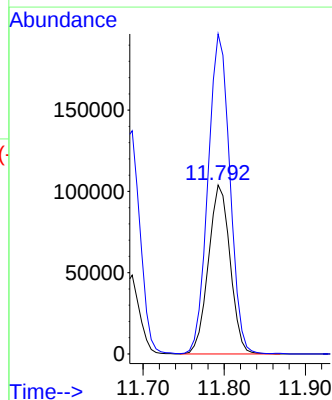
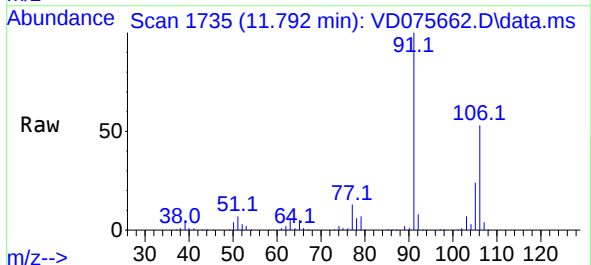
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

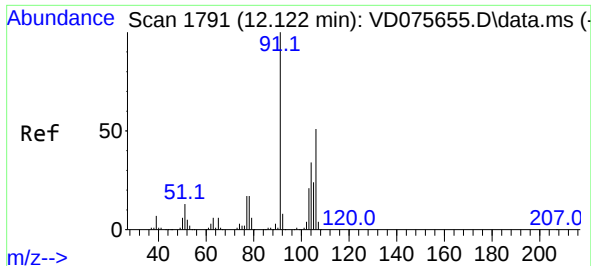
Tgt Ion: 91 Resp: 229308
Ion Ratio Lower Upper
91 100
106 35.4 24.5 36.7



#68
m/p-Xylenes
Concen: 41.715 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 106 Resp: 192994
Ion Ratio Lower Upper
106 100
91 190.1 161.5 242.3

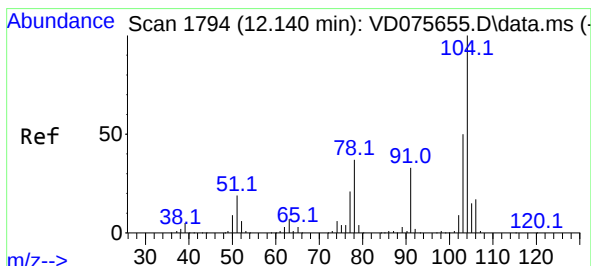
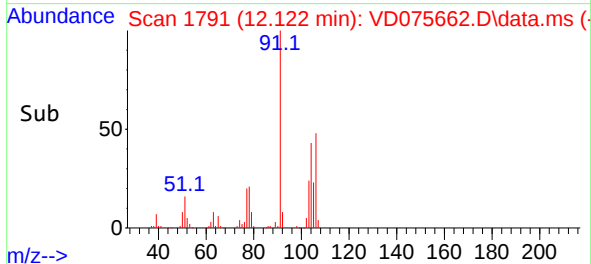
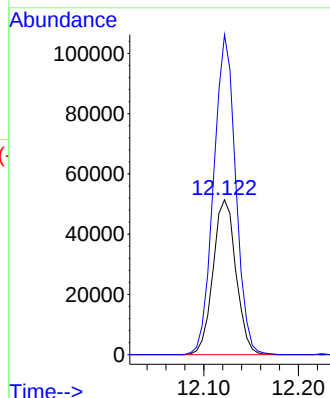
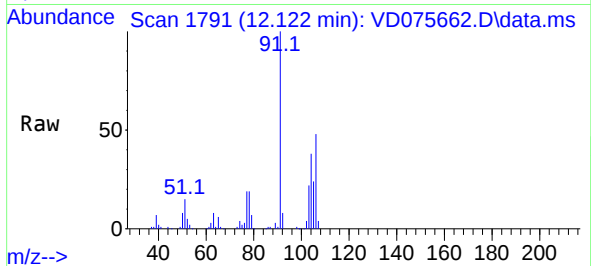




#69
o-Xylene
Concen: 20.676 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

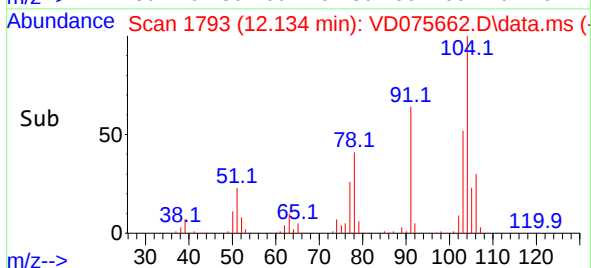
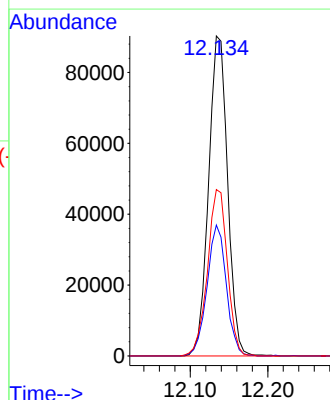
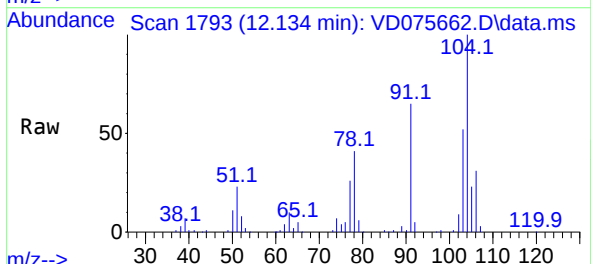
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

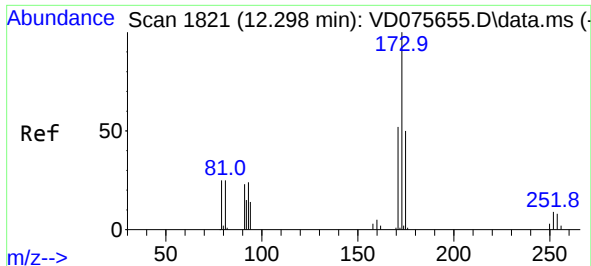
Tgt Ion:106 Resp: 86495
Ion Ratio Lower Upper
106 100
91 199.3 105.7 317.1



#70
Styrene
Concen: 20.288 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion:104 Resp: 153737
Ion Ratio Lower Upper
104 100
78 41.7 40.2 60.4
103 54.5 44.2 66.2

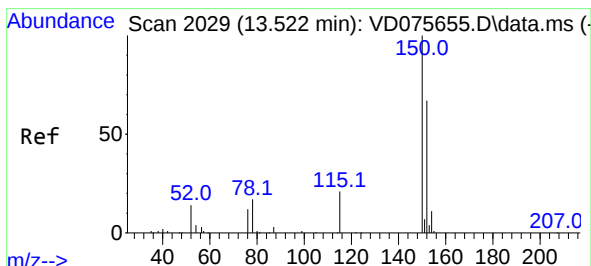
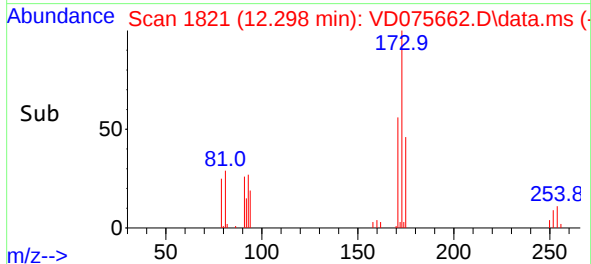
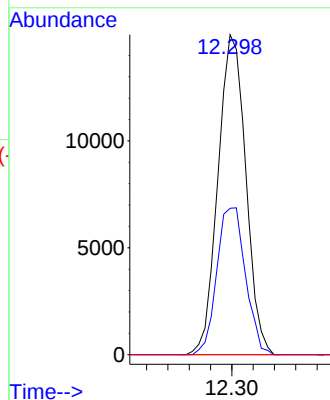
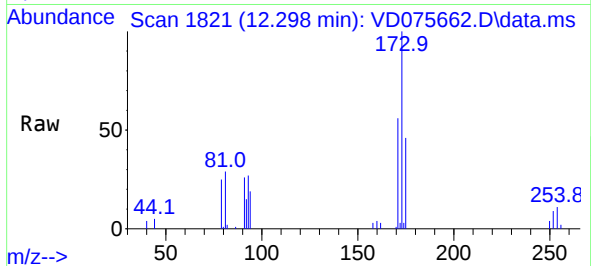




#71
Bromoform
Concen: 21.725 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

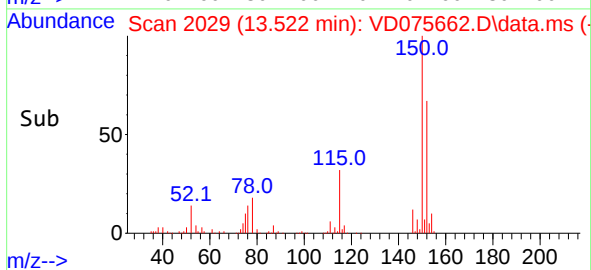
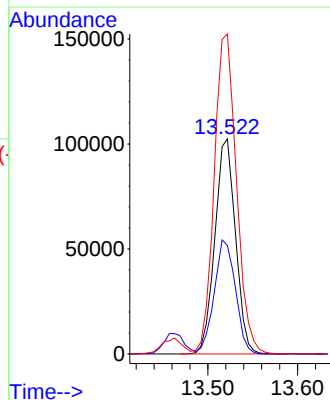
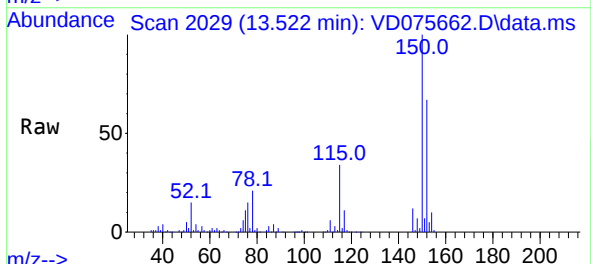
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

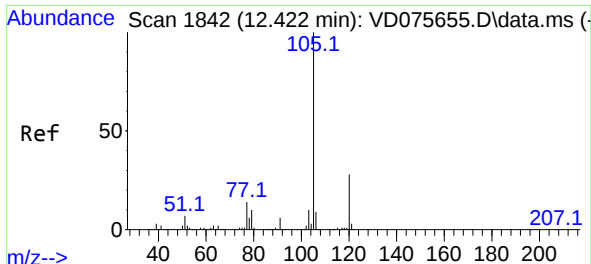
Tgt Ion:173 Resp: 27157
Ion Ratio Lower Upper
173 100
175 47.4 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion:152 Resp: 163733
Ion Ratio Lower Upper
152 100
115 54.4 30.1 90.3
150 160.4 0.0 364.8

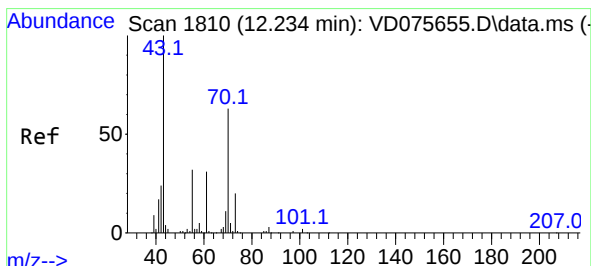
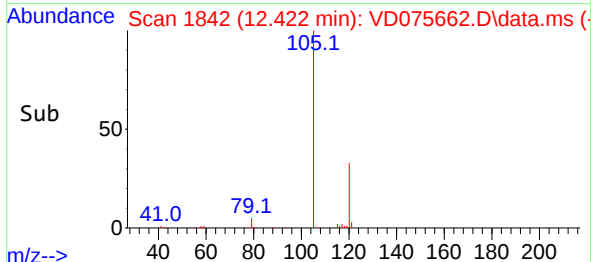
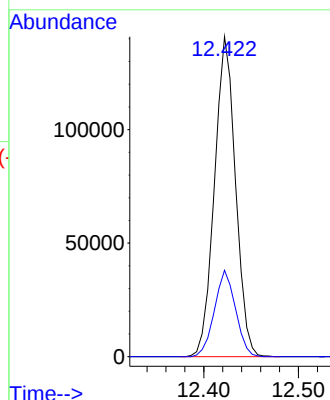
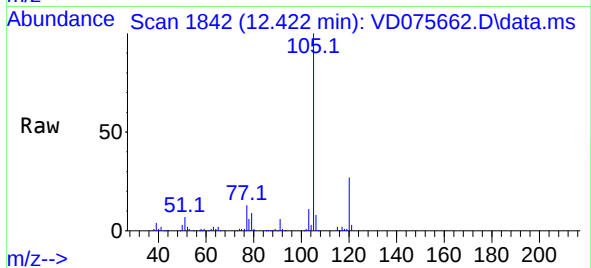




#73
Isopropylbenzene
Concen: 20.267 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

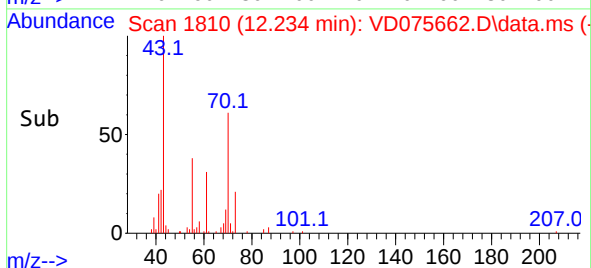
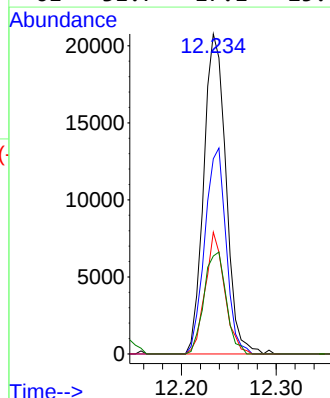
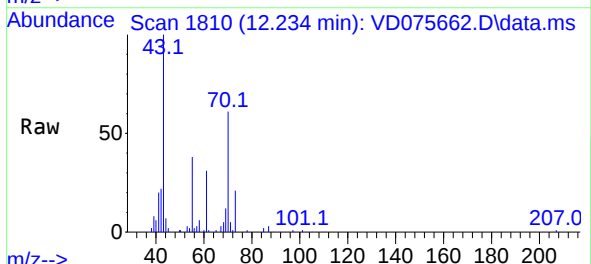
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

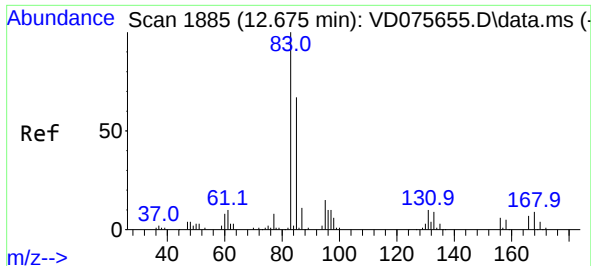
Tgt Ion:105 Resp: 217784
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1



#74
N-ethyl acetate
Concen: 21.419 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 43 Resp: 33821
Ion Ratio Lower Upper
43 100
70 61.8 31.0 46.4#
55 33.2 18.6 28.0#
61 31.7 17.1 25.7#

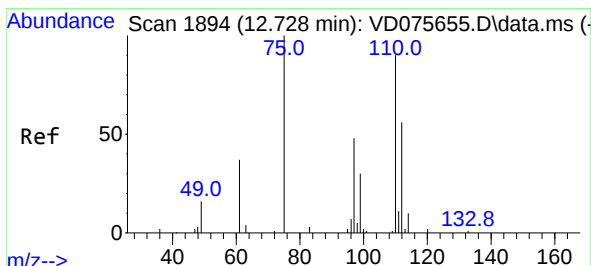
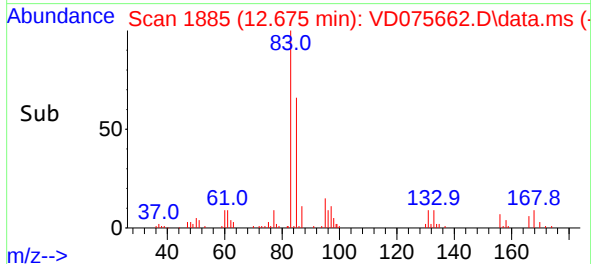
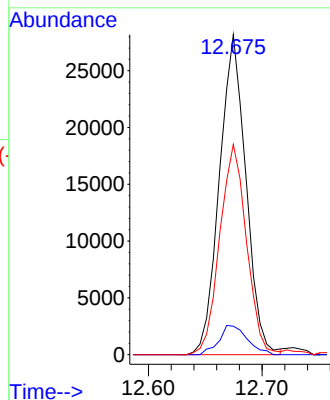
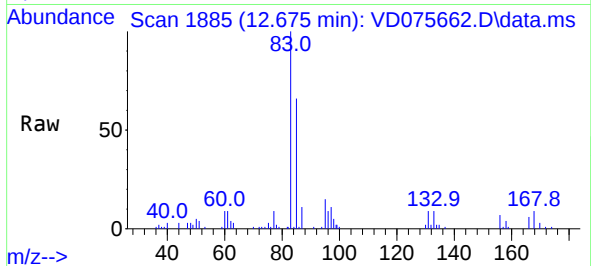




#75
1,1,2,2-Tetrachloroethane
Concen: 21.906 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

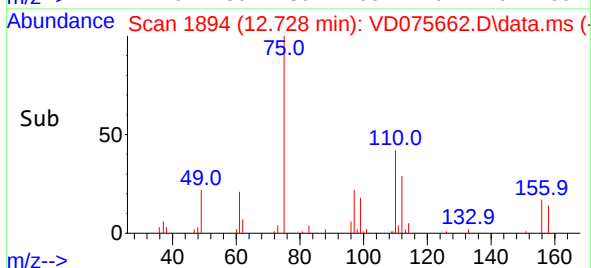
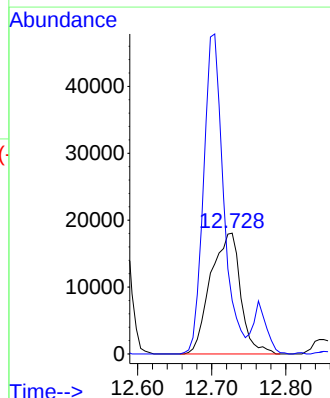
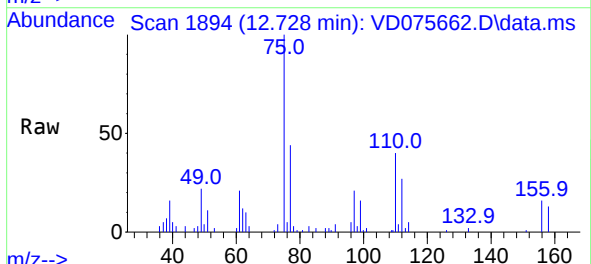
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

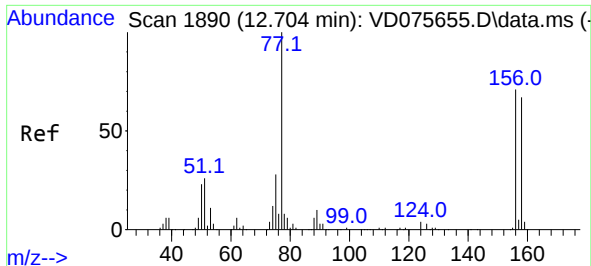
Tgt Ion: 83 Resp: 45727
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.2
85 66.2 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 38.035 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 75 Resp: 50786
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

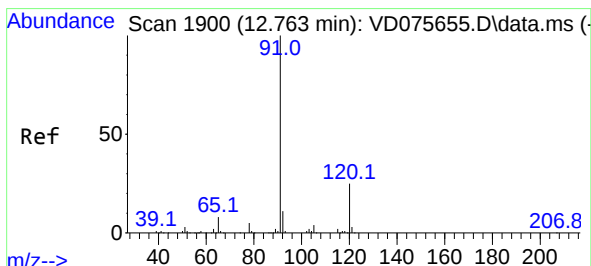
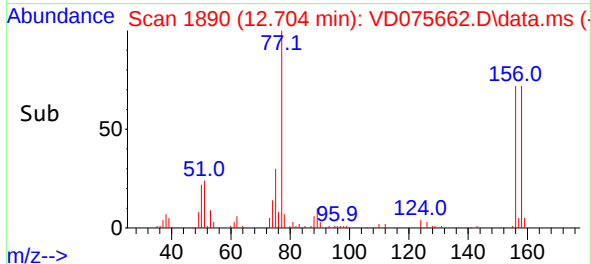
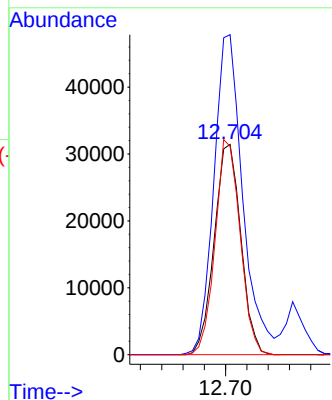
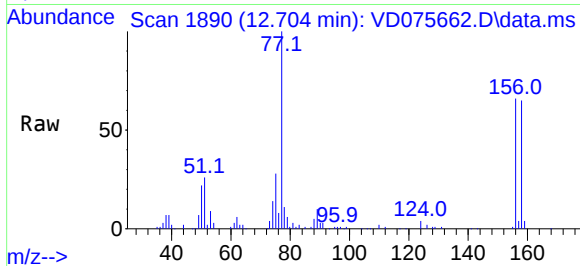




#77
Bromobenzene
Concen: 19.702 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

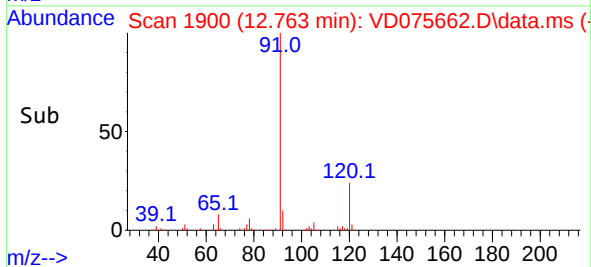
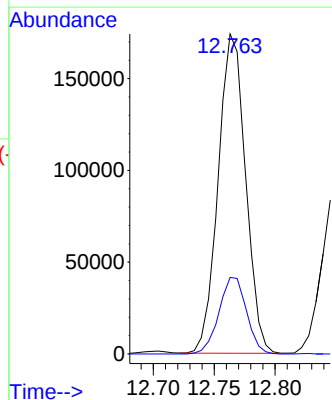
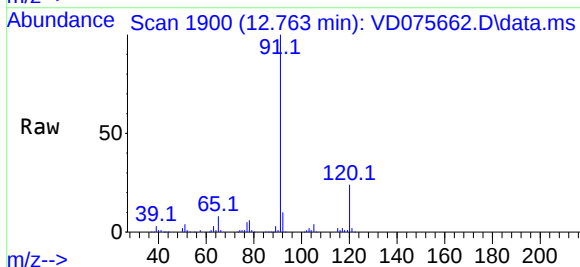
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

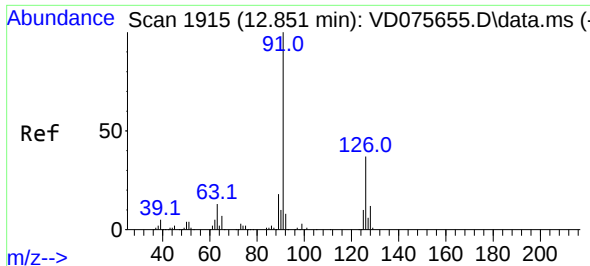
Tgt Ion:156 Resp: 54581
Ion Ratio Lower Upper
156 100
77 164.5 89.5 268.6
158 95.8 47.8 143.4



#78
n-propylbenzene
Concen: 20.660 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 91 Resp: 272129
Ion Ratio Lower Upper
91 100
120 24.1 11.4 34.2

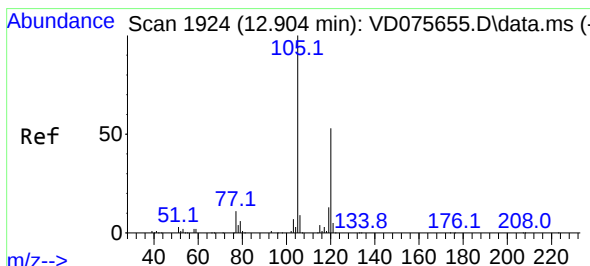
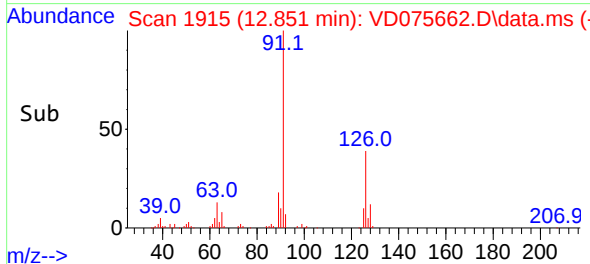
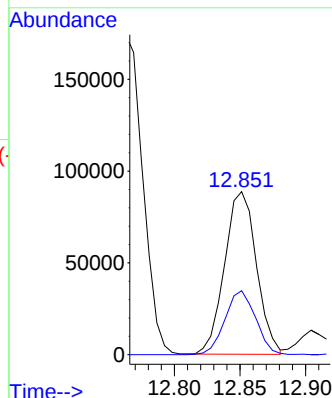
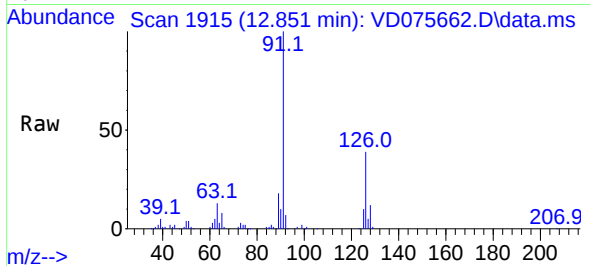




#79
2-Chlorotoluene
Concen: 20.068 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

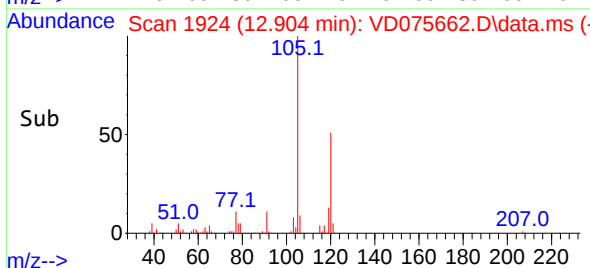
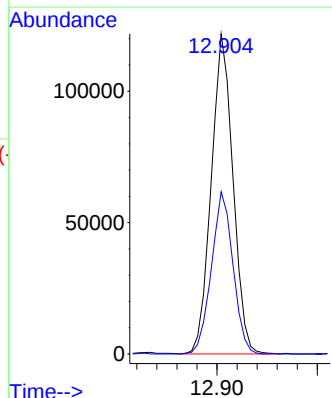
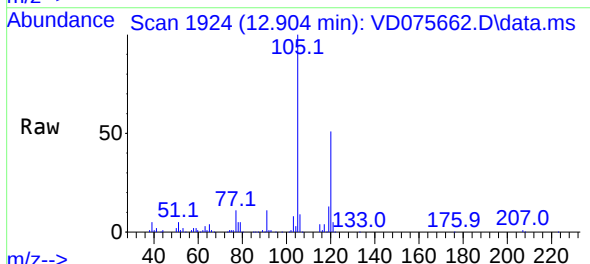
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

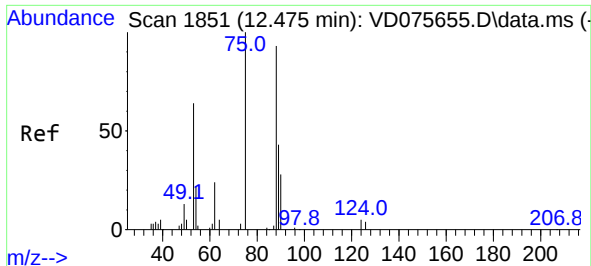
Tgt Ion: 91 Resp: 149921
Ion Ratio Lower Upper
91 100
126 37.9 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 20.408 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 105 Resp: 182818
Ion Ratio Lower Upper
105 100
120 50.3 24.3 72.8

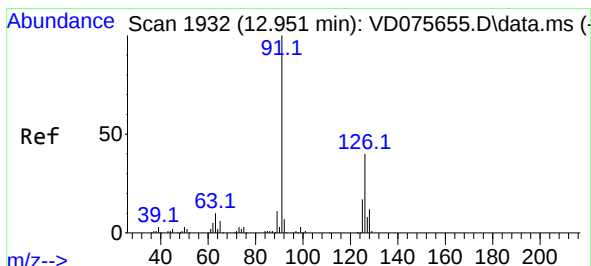
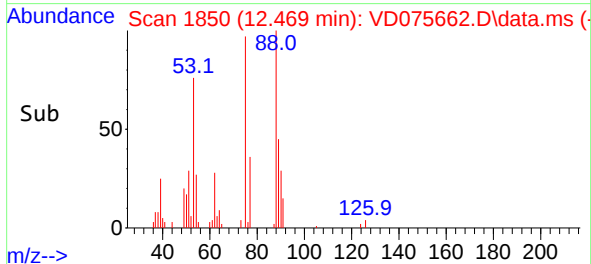
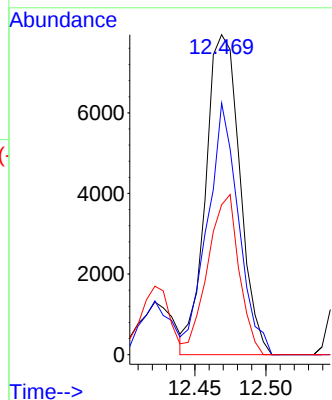
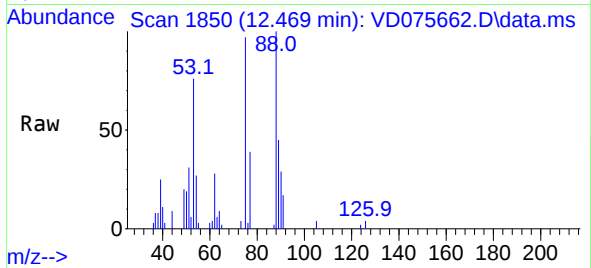




#81
trans-1,4-Dichloro-2-butene
Concen: 21.557 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

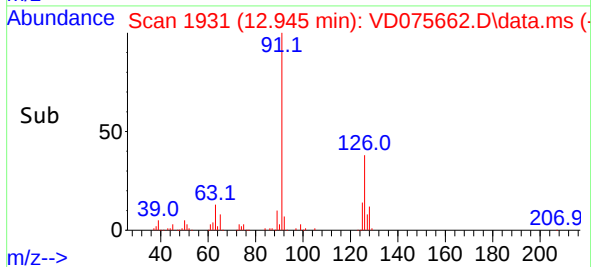
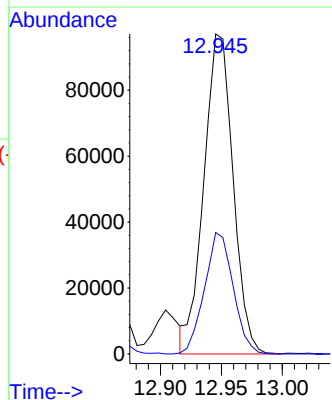
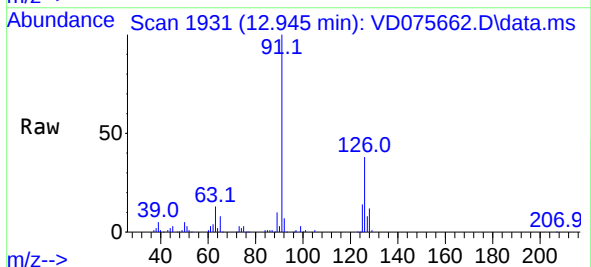
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

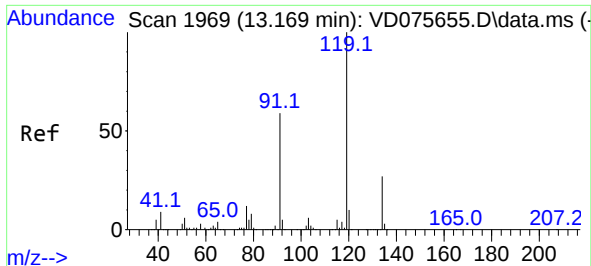
Tgt Ion: 75 Resp: 13280
Ion Ratio Lower Upper
75 100
53 71.8 90.5 135.7#
89 46.0 40.2 60.4



#82
4-Chlorotoluene
Concen: 20.879 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 91 Resp: 162194
Ion Ratio Lower Upper
91 100
126 37.2 17.1 51.2

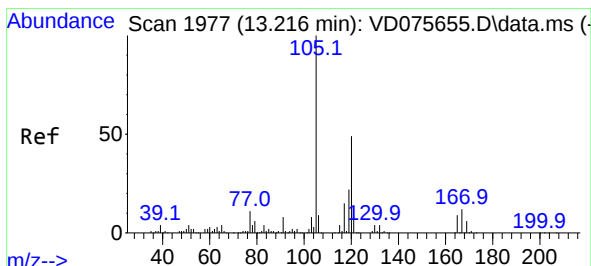
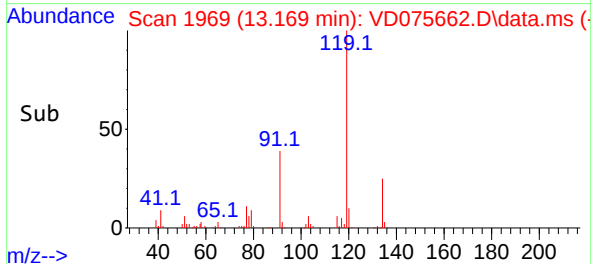
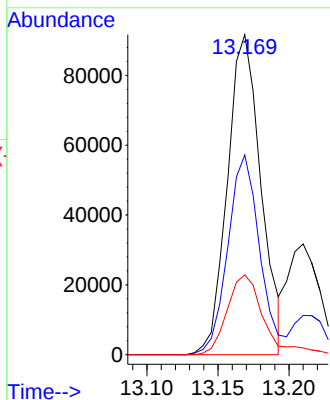
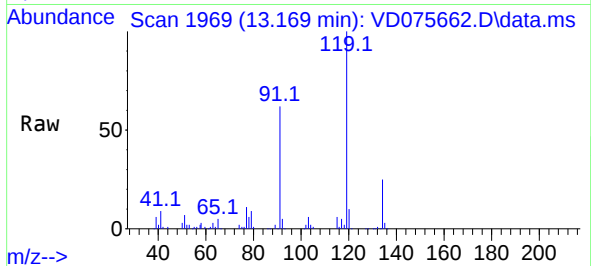




#83
tert-Butylbenzene
Concen: 19.946 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

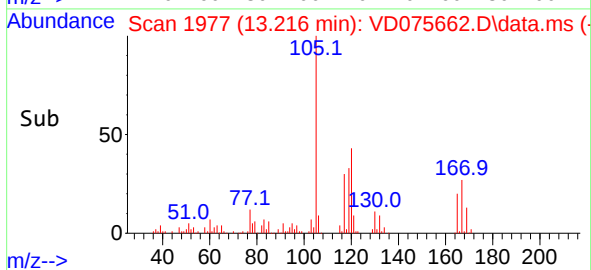
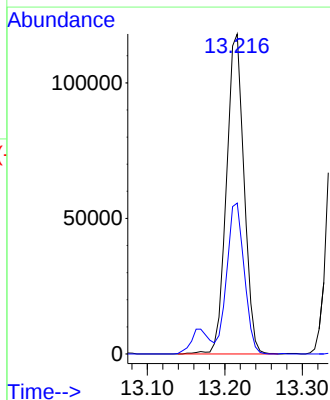
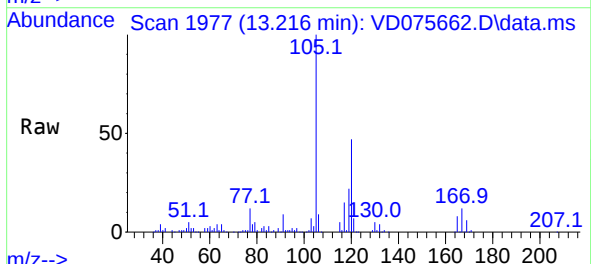
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

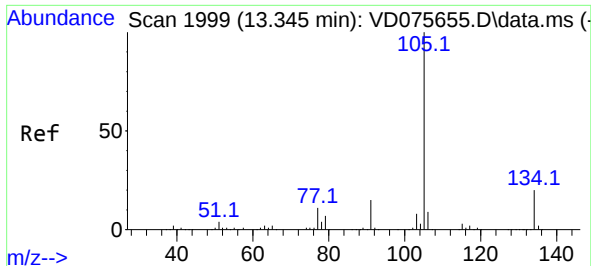
Tgt Ion:119 Resp: 150664
Ion Ratio Lower Upper
119 100
91 59.8 32.4 97.0
134 27.1 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 20.671 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion:105 Resp: 185810
Ion Ratio Lower Upper
105 100
120 46.8 22.3 66.9

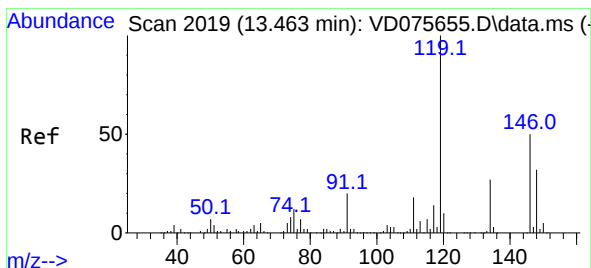
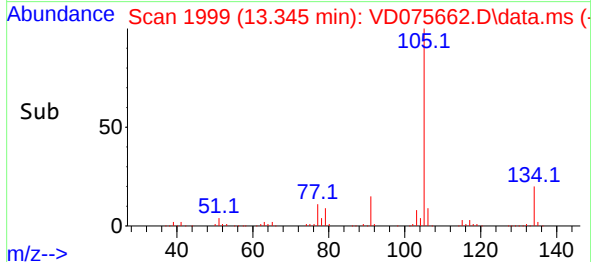
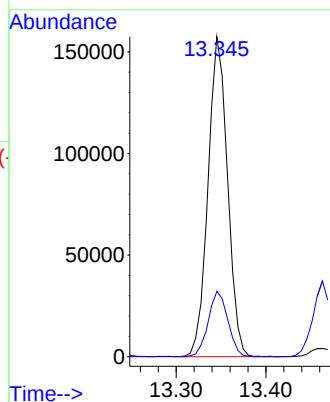
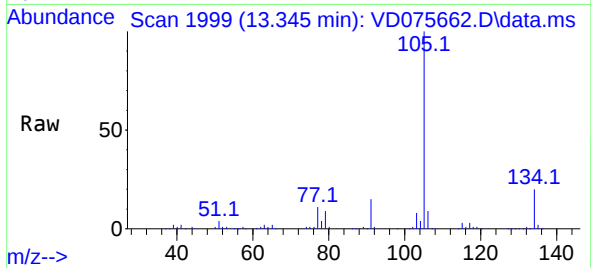




#85
 sec-Butylbenzene
 Concen: 20.414 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075662.D
 Acq: 13 Apr 2023 16:01

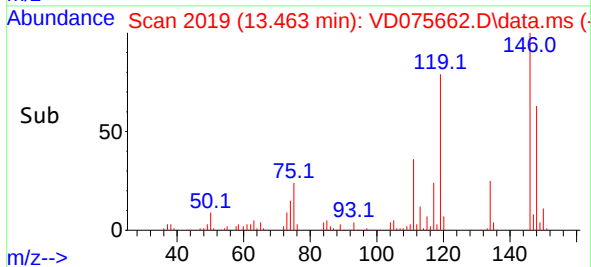
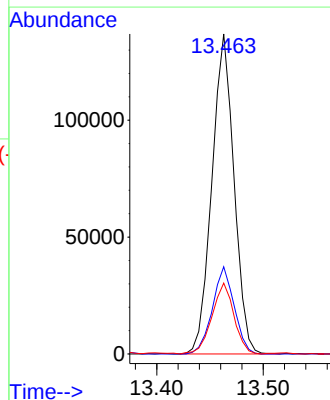
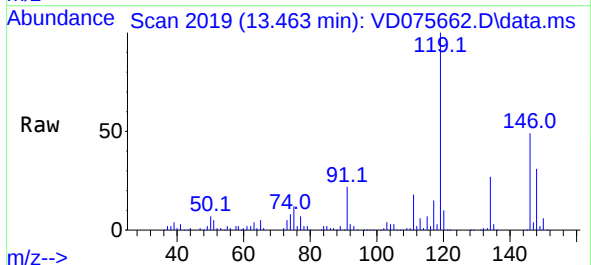
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0413SBS01

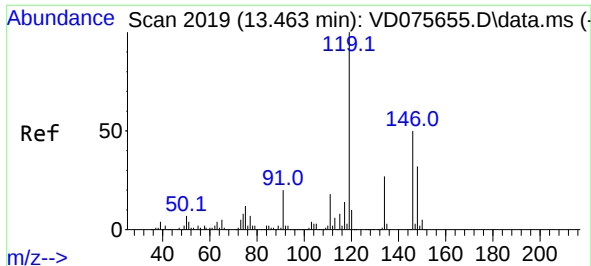
Tgt Ion:105 Resp: 237884
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 20.309 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075662.D
 Acq: 13 Apr 2023 16:01

Tgt Ion:119 Resp: 197016
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 22.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.008 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD075662.D

Acq: 13 Apr 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

VD0413SBS01

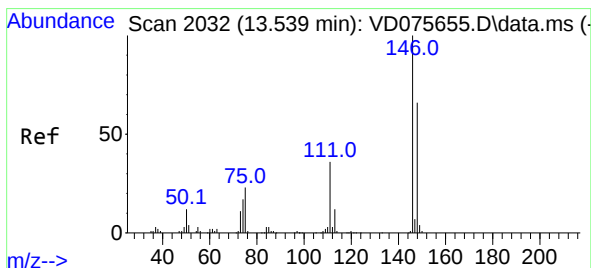
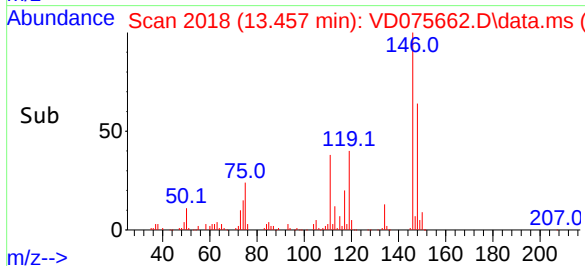
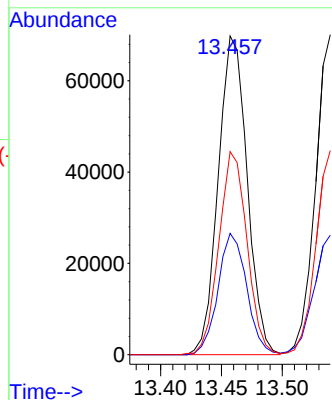
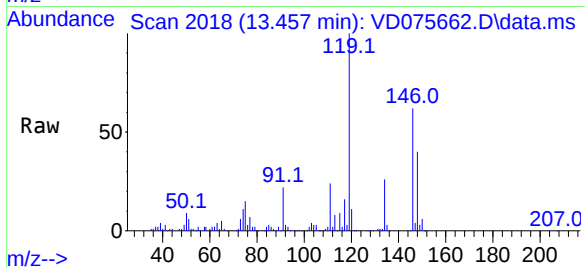
Tgt Ion:146 Resp: 115314

Ion Ratio Lower Upper

146 100

111 37.8 19.8 59.3

148 62.1 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 19.880 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075662.D

Acq: 13 Apr 2023 16:01

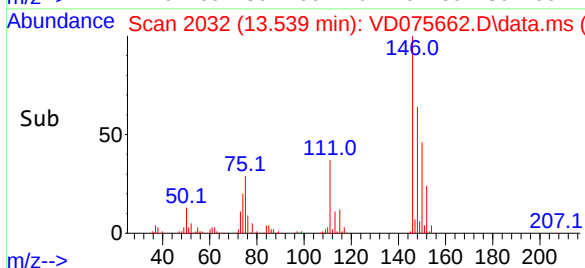
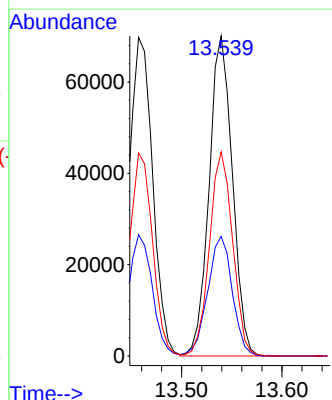
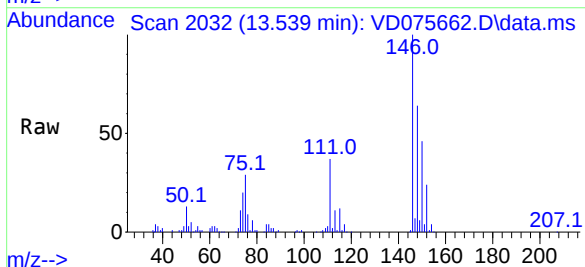
Tgt Ion:146 Resp: 113190

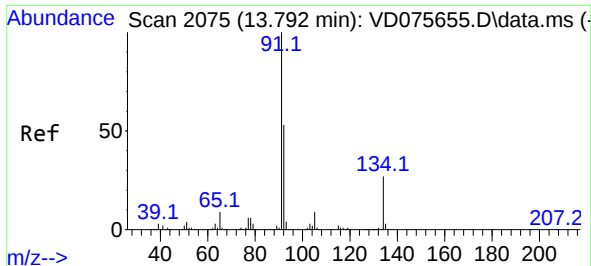
Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.8

148 63.7 31.7 95.1

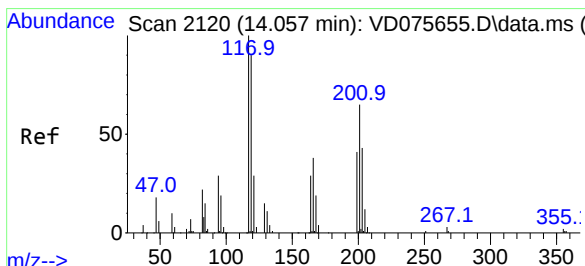
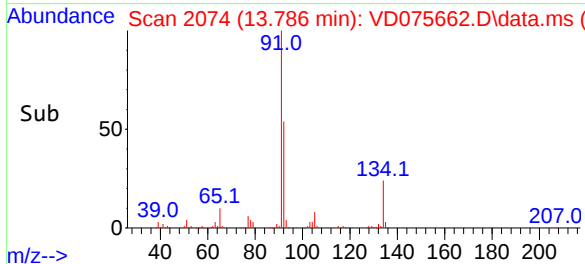
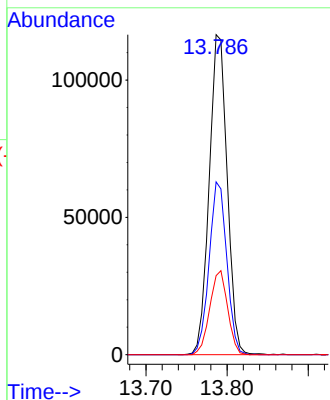
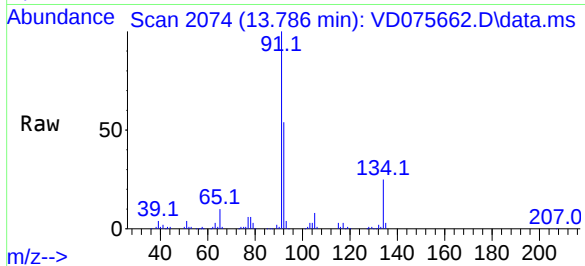




#89
n-Butylbenzene
Concen: 20.056 ug/l
RT: 13.786 min Scan# 2075
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

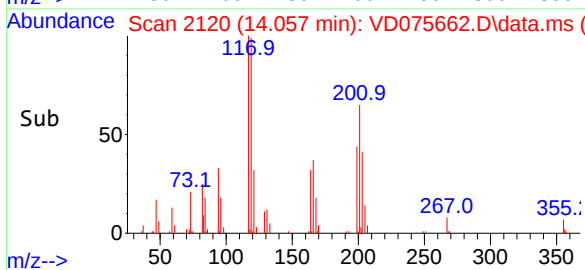
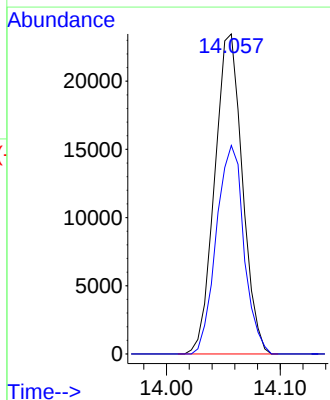
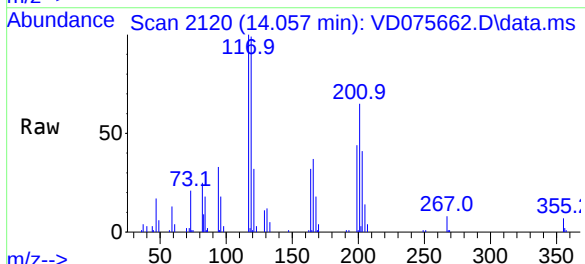
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

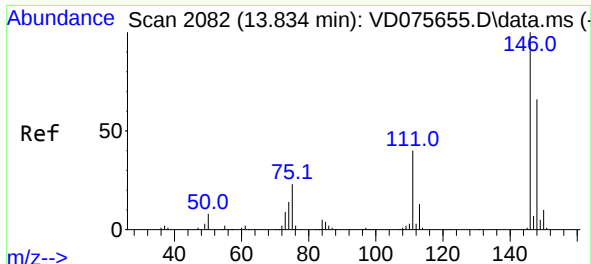
Tgt Ion: 91 Resp: 179216
Ion Ratio Lower Upper
91 100
92 53.1 26.2 78.5
134 26.0 12.7 38.0



#90
Hexachloroethane
Concen: 20.601 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 117 Resp: 39707
Ion Ratio Lower Upper
117 100
201 65.0 34.5 103.6

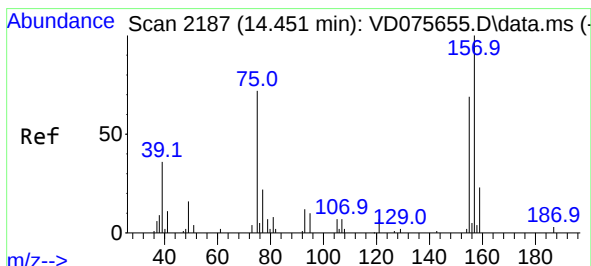
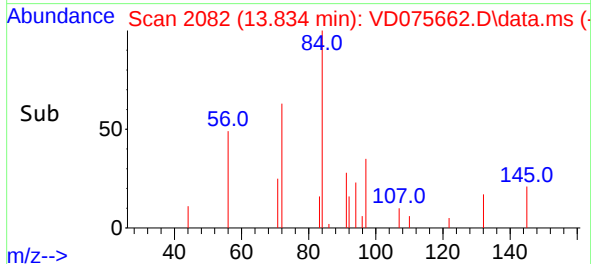
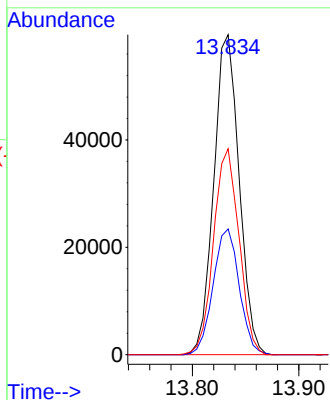
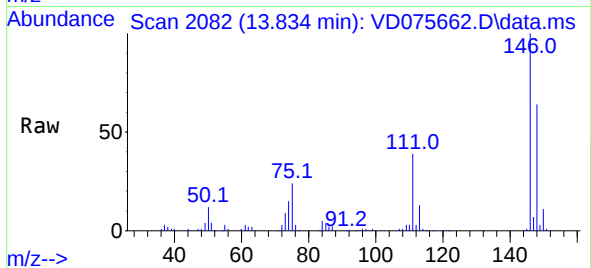




#91
1,2-Dichlorobenzene
Concen: 19.941 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

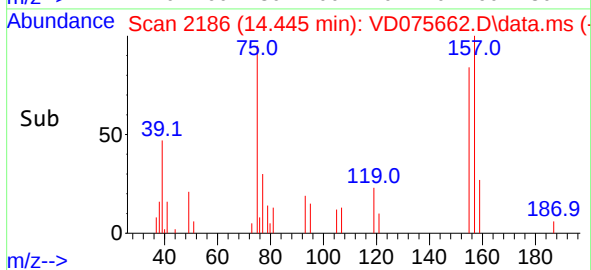
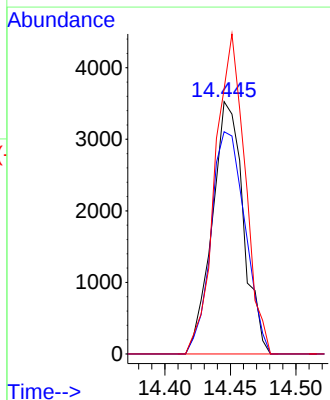
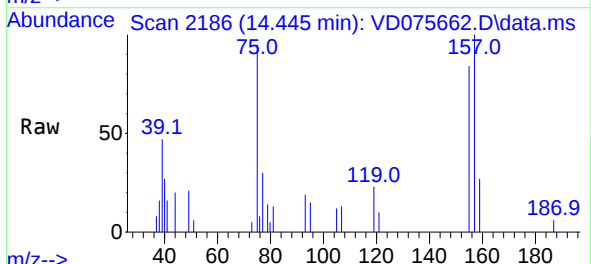
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

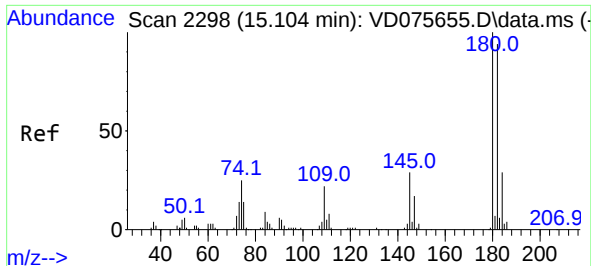
Tgt Ion:146 Resp: 98450
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.8
148 64.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.752 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion: 75 Resp: 5807
Ion Ratio Lower Upper
75 100
155 96.7 39.5 118.5
157 122.2 53.5 160.7

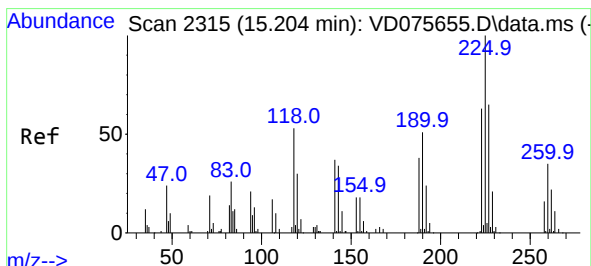
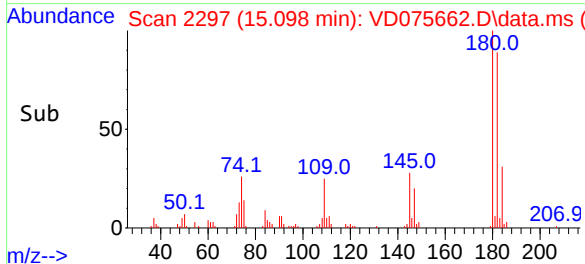
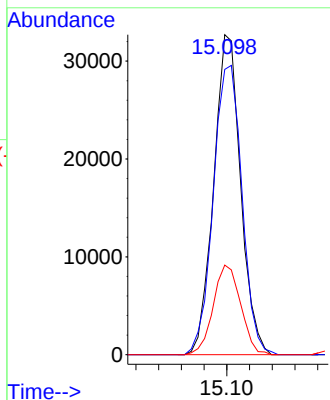
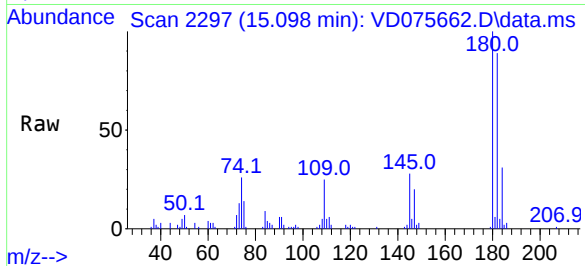




#93
1,2,4-Trichlorobenzene
Concen: 18.732 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

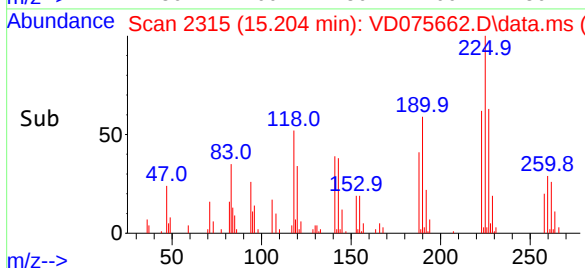
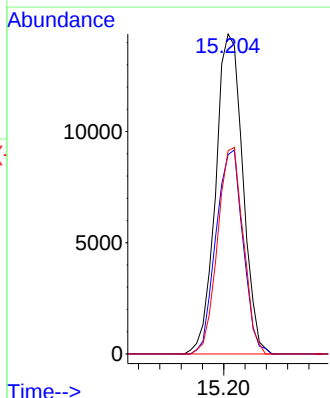
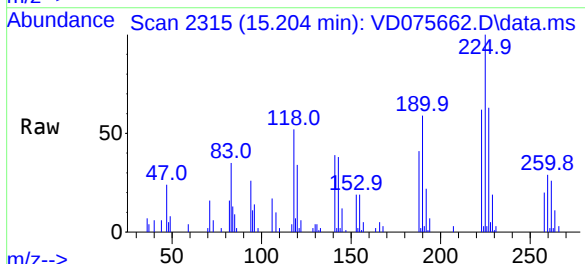
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

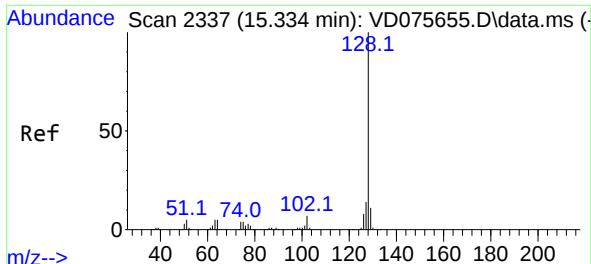
Tgt Ion:180 Resp: 53801
Ion Ratio Lower Upper
180 100
182 96.4 47.9 143.7
145 28.5 15.9 47.7



#94
Hexachlorobutadiene
Concen: 18.530 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion:225 Resp: 25438
Ion Ratio Lower Upper
225 100
223 63.4 33.1 99.2
227 61.0 31.9 95.9

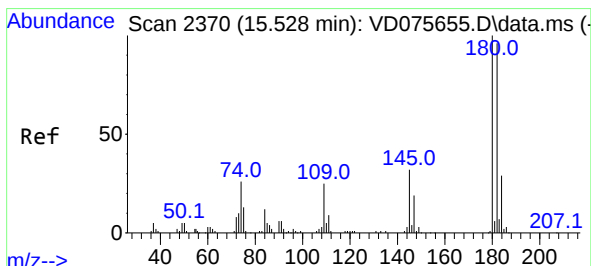
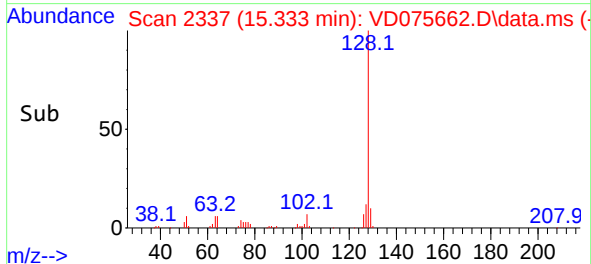
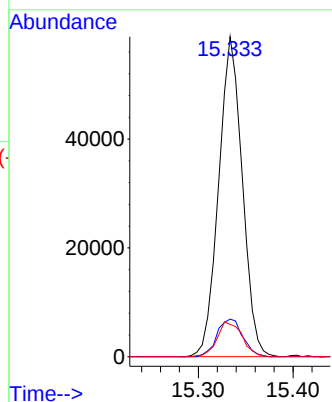
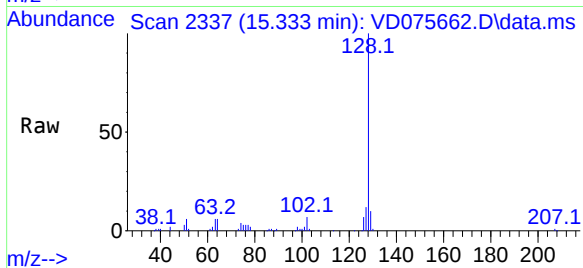




#95
Naphthalene
Concen: 18.741 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Instrument :
MSVOA_D
ClientSampleId :
VD0413SBS01

Tgt Ion:	128	Resp:	101975
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.6	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.777 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD075662.D
Acq: 13 Apr 2023 16:01

Tgt Ion:	180	Resp:	47470
Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.7	143.1
145	30.6	16.4	49.4

