

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102722\
 Data File : VD074655.D
 Acq On : 27 Oct 2022 13:54
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 27 23:52:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 23:51:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	132760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	221148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	200815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	86336	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	21535	20.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	41.540%#
35) Dibromofluoromethane	7.810	113	26481	19.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.180%#
50) Toluene-d8	10.269	98	105027	22.769	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	45.540%#
62) 4-Bromofluorobenzene	12.569	95	27296	18.103	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	36.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	26488	25.411	ug/l	97
3) Chloromethane	2.146	50	37462	26.019	ug/l	93
4) Vinyl Chloride	2.281	62	39868	25.002	ug/l	95
5) Bromomethane	2.675	94	29023	23.871	ug/l	98
6) Chloroethane	2.828	64	26725	24.504	ug/l	94
7) Trichlorofluoromethane	3.169	101	45511	20.728	ug/l	91
8) Diethyl Ether	3.599	74	12383	19.699	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.963	101	27319	19.492	ug/l	98
10) Methyl Iodide	4.158	142	30207	19.121	ug/l	99
11) Tert butyl alcohol	5.022	59	7527	44.560	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	28411	20.159	ug/l	93
13) Acrolein	3.799	56	10404	97.948	ug/l	97
14) Allyl chloride	4.558	41	28576	18.961	ug/l	98
15) Acrylonitrile	5.257	53	23028	90.780	ug/l	97
16) Acetone	4.028	43	17334	78.720	ug/l	99
17) Carbon Disulfide	4.263	76	88353	22.308	ug/l	96
18) Methyl Acetate	4.563	43	12627	19.235	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	52171	19.108	ug/l	99
20) Methylene Chloride	4.799	84	51413	22.079	ug/l	93
21) trans-1,2-Dichloroethene	5.310	96	30834	19.509	ug/l	96
22) Diisopropyl ether	6.210	45	61814	20.070	ug/l	92
23) Vinyl Acetate	6.157	43	79060	59.620	ug/l	98
24) 1,1-Dichloroethane	6.116	63	46566	19.645	ug/l	99
25) 2-Butanone	7.087	43	25475	86.679	ug/l #	85
26) 2,2-Dichloropropane	7.069	77	39494	17.466	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	33591	19.337	ug/l	97
28) Bromochloromethane	7.428	49	15088	25.188	ug/l	100
29) Tetrahydrofuran	7.446	42	15379	95.573	ug/l	98
30) Chloroform	7.599	83	49962	19.545	ug/l	94
31) Cyclohexane	7.881	56	39784	19.302	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	43518	18.576	ug/l	98
36) 1,1-Dichloropropene	8.010	75	39067	19.503	ug/l	98
37) Ethyl Acetate	7.169	43	12016	19.356	ug/l	97
38) Carbon Tetrachloride	7.987	117	35011	17.988	ug/l	92
39) Methylcyclohexane	9.275	83	47330	19.728	ug/l	97
40) Benzene	8.251	78	115546	19.567	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	6380	18.464	ug/l	93
42) 1,2-Dichloroethane	8.322	62	26583	19.512	ug/l	99
43) Isopropyl Acetate	8.363	43	22146	19.139	ug/l #	85
44) Trichloroethene	9.028	130	33301	19.222	ug/l	99
45) 1,2-Dichloropropane	9.304	63	26158	20.146	ug/l	99
46) Dibromomethane	9.393	93	14821	19.830	ug/l	96
47) Bromodichloromethane	9.587	83	36350	19.750	ug/l	91
48) Methyl methacrylate	9.381	41	10596	19.940	ug/l	94
49) 1,4-Dioxane	9.387	88	3001	407.696	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	53251	92.324	ug/l	98
52) Toluene	10.334	92	74000	20.232	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	30692	18.923	ug/l	89
54) cis-1,3-Dichloropropene	10.016	75	38378	18.688	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	19761	19.263	ug/l	96
56) Ethyl methacrylate	10.598	69	21786	19.468	ug/l	98
57) 1,3-Dichloropropane	10.881	76	32146	19.357	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	17629	70.683	ug/l	99
59) 2-Hexanone	10.922	43	36121	91.234	ug/l	98
60) Dibromochloromethane	11.075	129	24401	19.708	ug/l	99
61) 1,2-Dibromoethane	11.181	107	19600	20.824	ug/l	96
64) Tetrachloroethene	10.810	164	28711	19.328	ug/l	94
65) Chlorobenzene	11.604	112	80952	19.206	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	26921	18.663	ug/l	96
67) Ethyl Benzene	11.681	91	139083	18.868	ug/l	99
68) m/p-Xylenes	11.792	106	109032	36.955	ug/l	99
69) o-Xylene	12.122	106	47929	17.674	ug/l	93
70) Styrene	12.134	104	80830	17.720	ug/l	98
71) Bromoform	12.298	173	12091	16.023	ug/l #	94
73) Isopropylbenzene	12.422	105	123450	18.479	ug/l	99
74) N-amyl acetate	12.234	43	18487	18.654	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	19541	18.469	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	22349	30.292	ug/l #	1
77) Bromobenzene	12.698	156	29006	19.228	ug/l	97
78) n-propylbenzene	12.763	91	149544	18.835	ug/l	99
79) 2-Chlorotoluene	12.845	91	81083	18.931	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	104927	19.226	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	4661	15.952	ug/l	93
82) 4-Chlorotoluene	12.945	91	84494	19.109	ug/l	100
83) tert-Butylbenzene	13.163	119	90898	18.685	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	101324	18.913	ug/l	96
85) sec-Butylbenzene	13.345	105	134985	18.577	ug/l	98
86) p-Isopropyltoluene	13.457	119	114239	18.743	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	59823	18.981	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	59278	19.235	ug/l	97
89) n-Butylbenzene	13.786	91	103528	18.661	ug/l	99
90) Hexachloroethane	14.051	117	19264	18.148	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	50270	19.098	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2593	17.718	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	31284	18.032	ug/l	99
94) Hexachlorobutadiene	15.204	225	16177	17.105	ug/l	96
95) Naphthalene	15.328	128	55027	16.940	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	27446	18.561	ug/l	97

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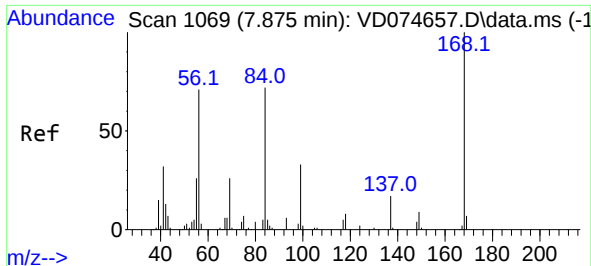
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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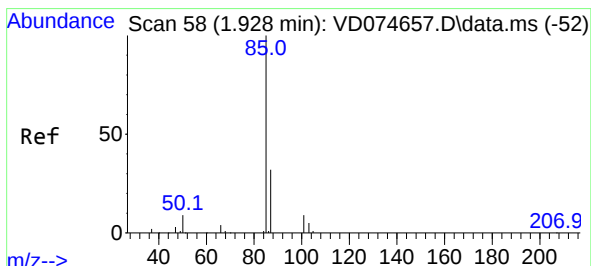
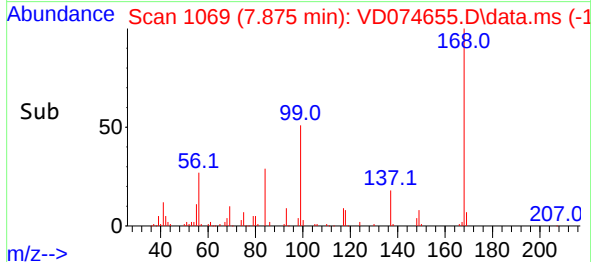
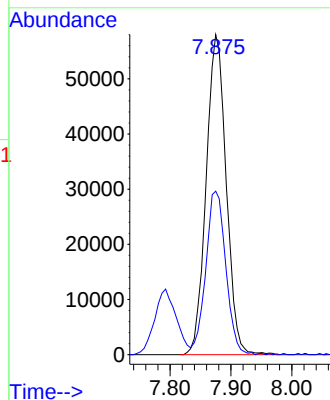
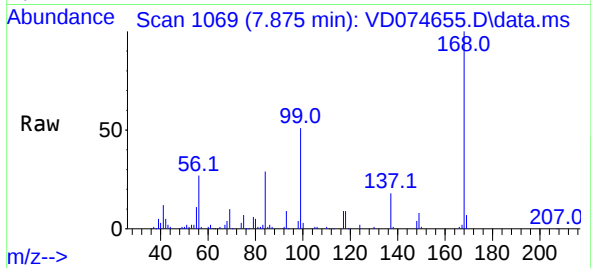




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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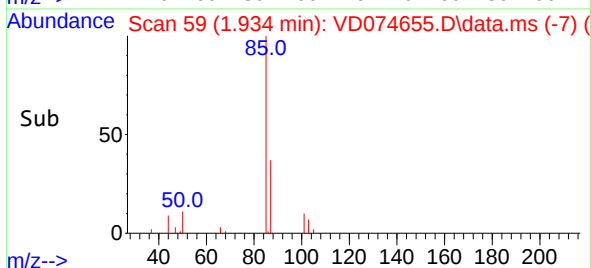
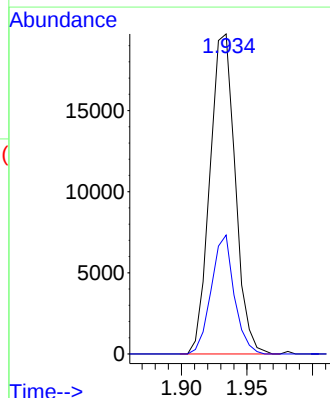
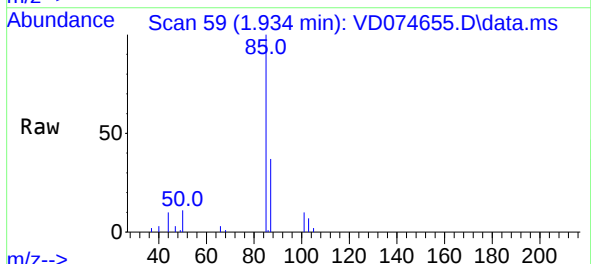
Instrument :
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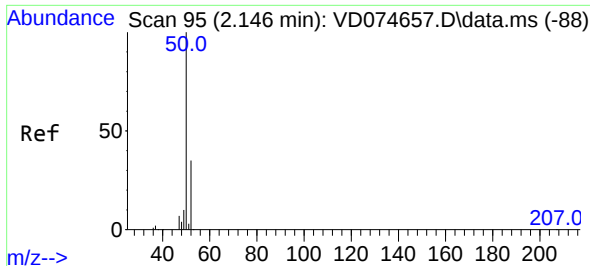
Tgt Ion:168 Resp: 132760
Ion Ratio Lower Upper
168 100
99 51.1 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 25.411 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 85 Resp: 26488
Ion Ratio Lower Upper
85 100
87 37.1 17.5 52.6

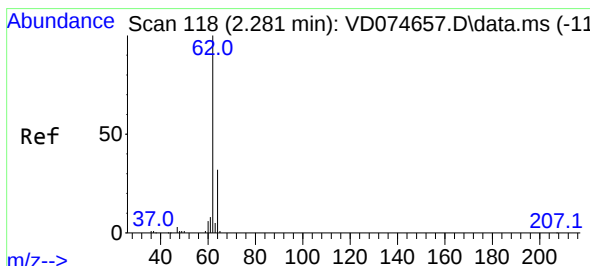
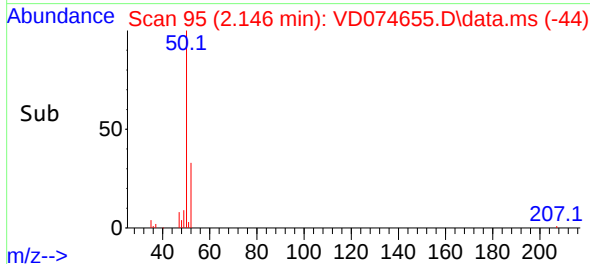
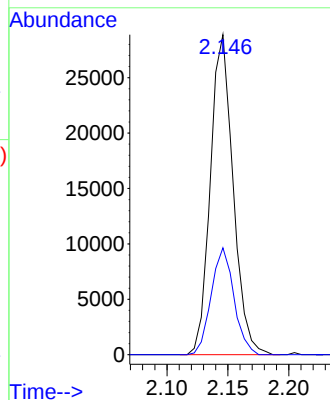
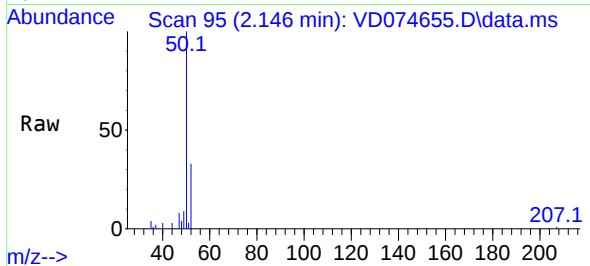




#3
Chloromethane
Concen: 26.019 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

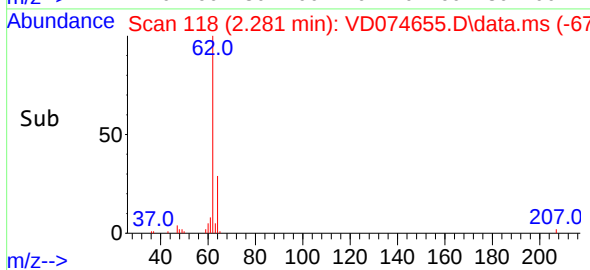
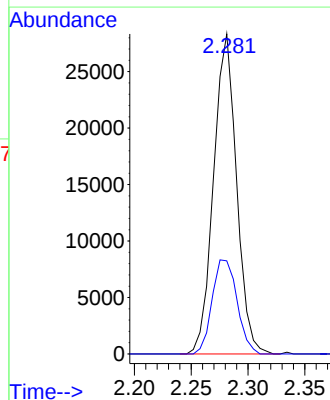
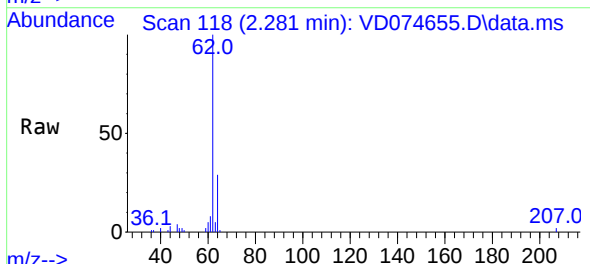
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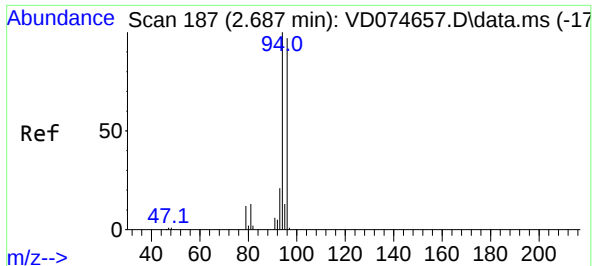
Tgt Ion: 50 Resp: 37462
Ion Ratio Lower Upper
50 100
52 33.4 30.0 45.0



#4
Vinyl Chloride
Concen: 25.002 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 62 Resp: 39868
Ion Ratio Lower Upper
62 100
64 29.1 25.5 38.3

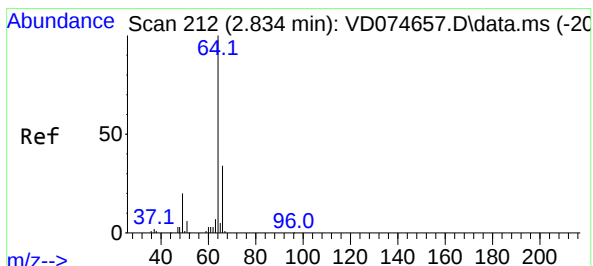
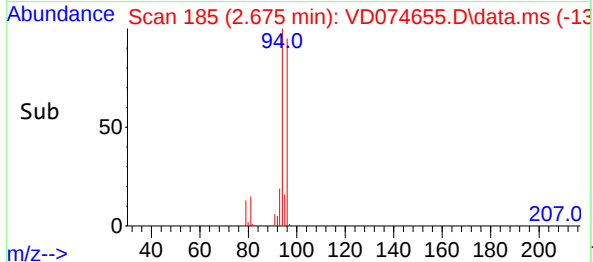
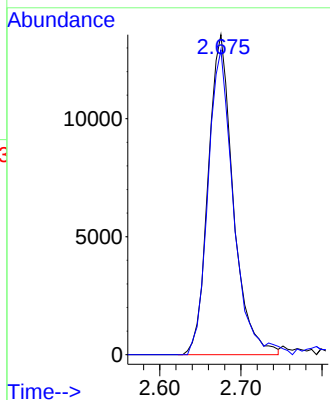
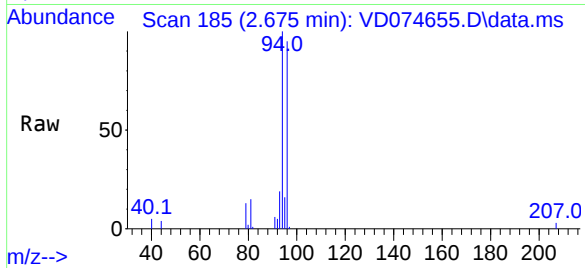




#5
Bromomethane
Concen: 23.871 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

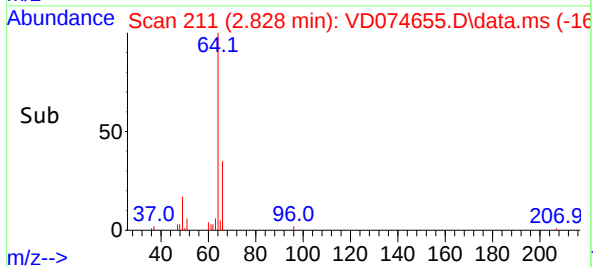
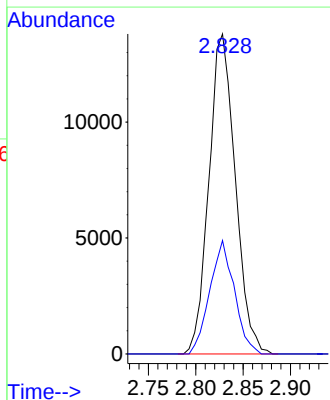
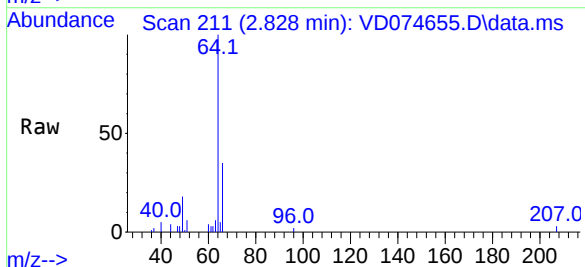
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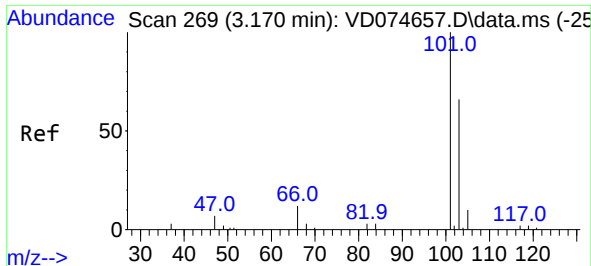
Tgt Ion: 94 Resp: 29023
Ion Ratio Lower Upper
94 100
96 95.3 74.6 112.0



#6
Chloroethane
Concen: 24.504 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 64 Resp: 26725
Ion Ratio Lower Upper
64 100
66 35.5 25.8 38.8

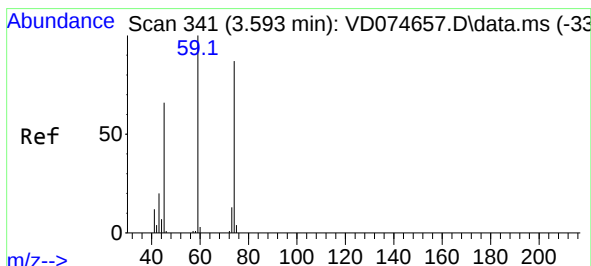
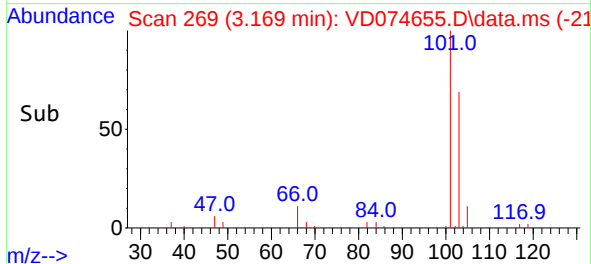
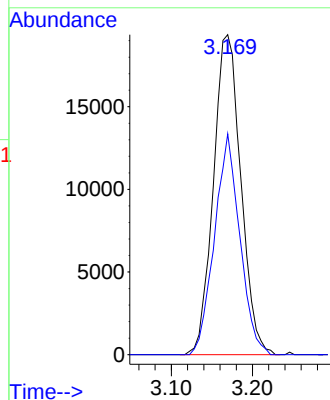
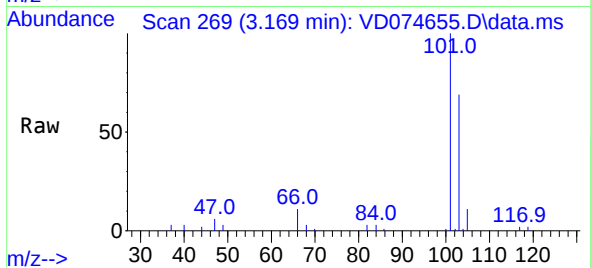




#7
Trichlorofluoromethane
Concen: 20.728 ug/l
RT: 3.169 min Scan# 210
Delta R.T. -0.000 min
Lab File: VD074655.D
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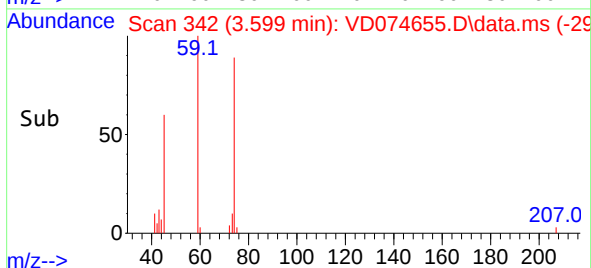
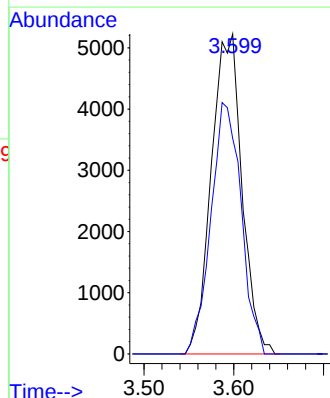
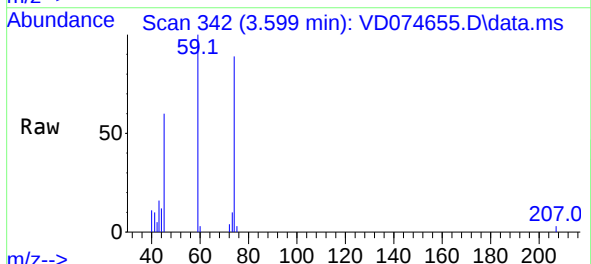
Instrument :
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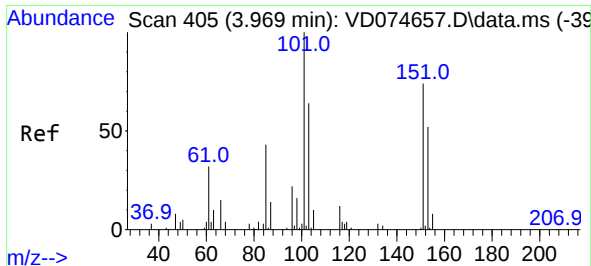
Tgt Ion:101 Resp: 45511
Ion Ratio Lower Upper
101 100
103 69.0 49.8 74.8



#8
Diethyl Ether
Concen: 19.699 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 74 Resp: 12383
Ion Ratio Lower Upper
74 100
45 77.6 37.9 113.6

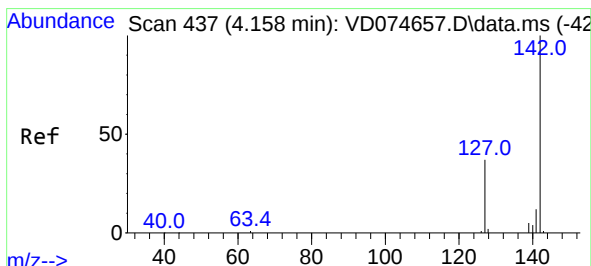
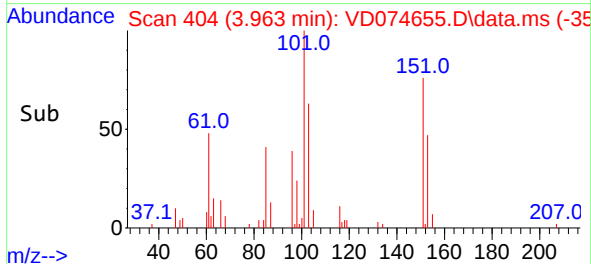
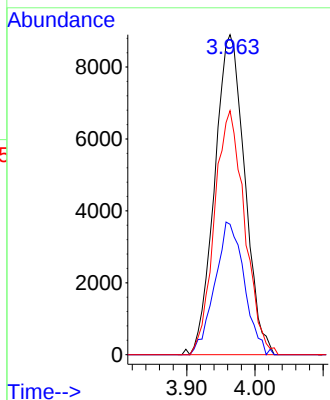
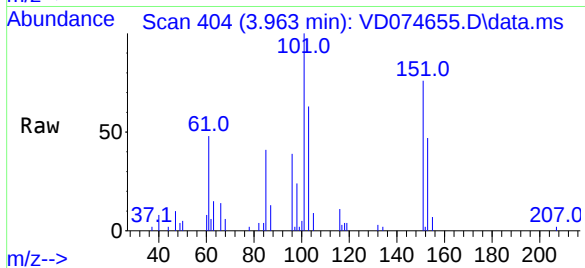




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.492 ug/l
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD074655.D
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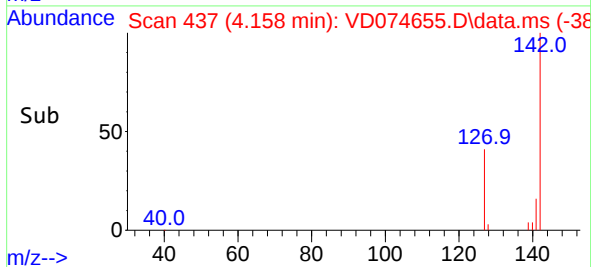
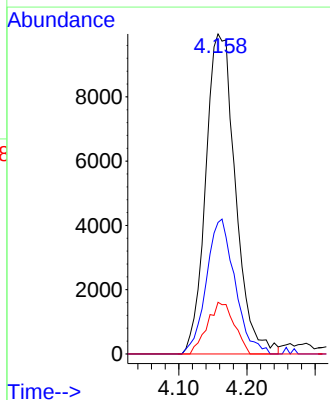
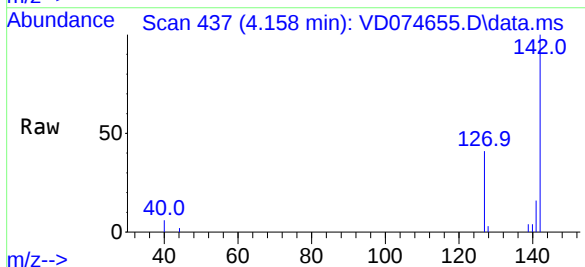
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

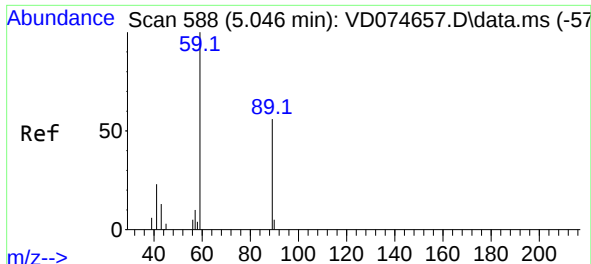
Tgt Ion:101 Resp: 27319
Ion Ratio Lower Upper
101 100
85 40.6 34.1 51.1
151 76.6 61.7 92.5



#10
Methyl Iodide
Concen: 19.121 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion:142 Resp: 30207
Ion Ratio Lower Upper
142 100
127 40.6 31.9 47.9
141 14.6 11.4 17.2

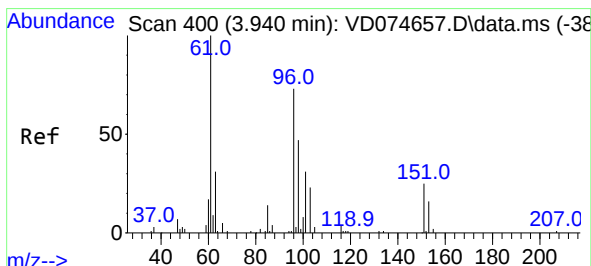
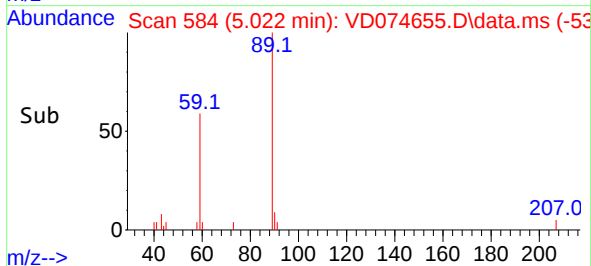
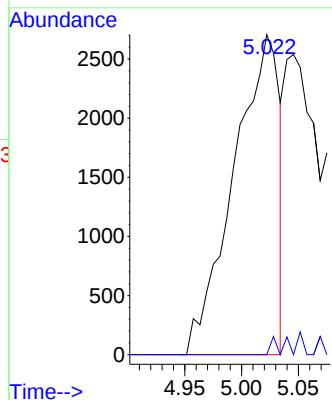
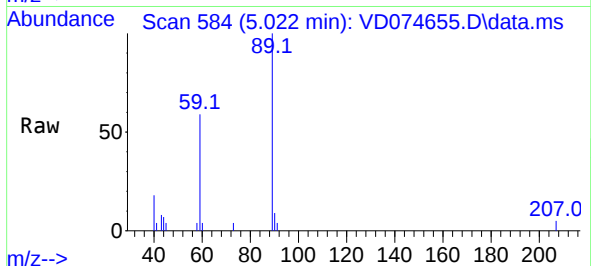




#11
Tert butyl alcohol
Concen: 44.560 ug/l
RT: 5.022 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

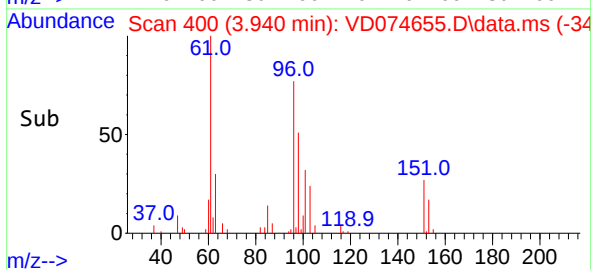
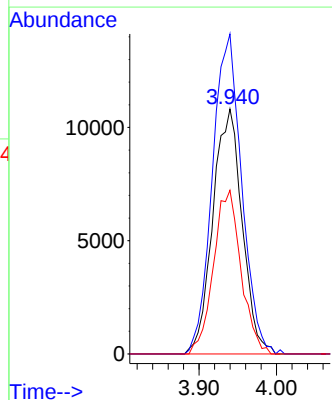
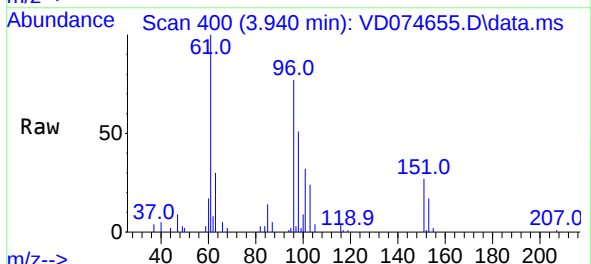
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

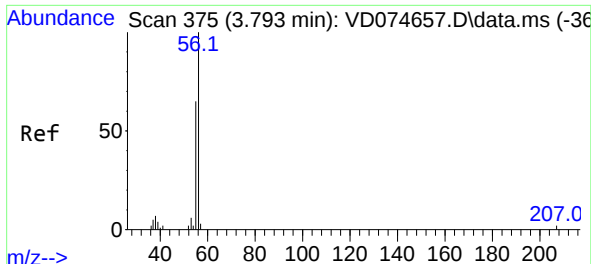
Tgt Ion: 59 Resp: 7527
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#12
1,1-Dichloroethene
Concen: 20.159 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 96 Resp: 28411
Ion Ratio Lower Upper
96 100
61 130.6 113.9 170.9
98 66.8 51.8 77.8

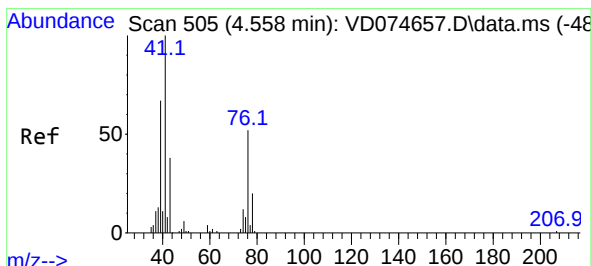
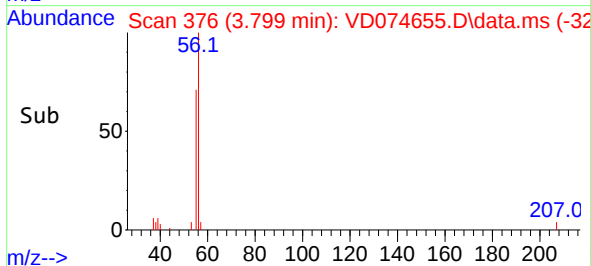
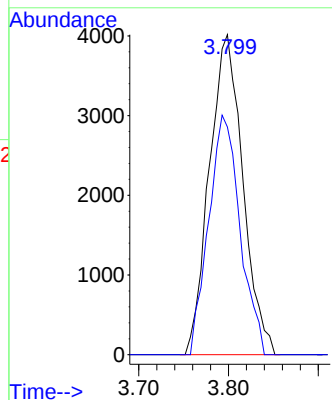
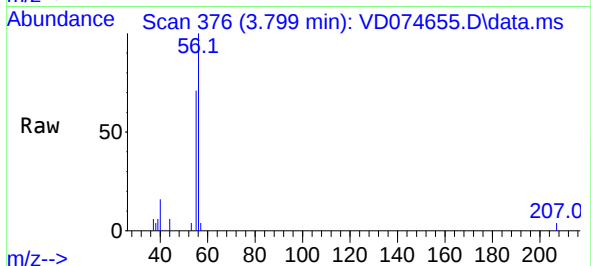




#13
Acrolein
Concen: 97.948 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

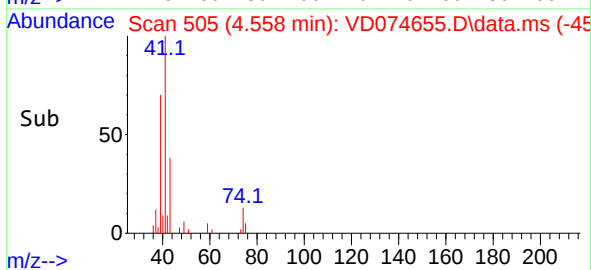
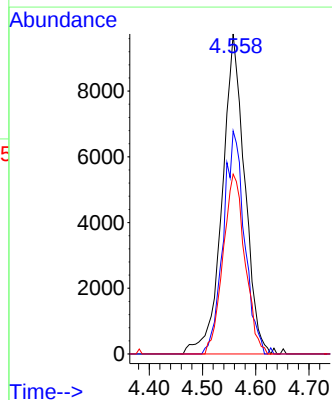
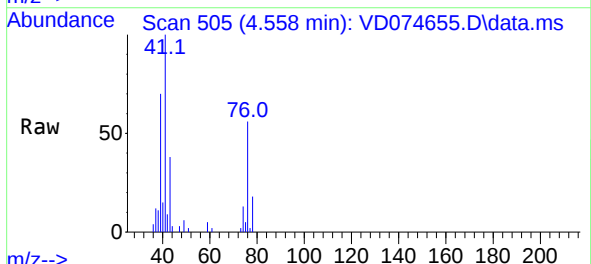
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

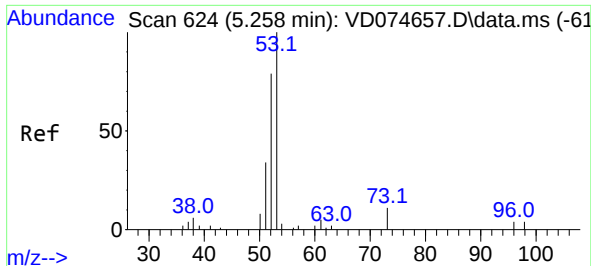
Tgt Ion: 56 Resp: 10404
Ion Ratio Lower Upper
56 100
55 70.0 54.0 81.0



#14
Allyl chloride
Concen: 18.961 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 41 Resp: 28576
Ion Ratio Lower Upper
41 100
39 65.6 53.4 80.2
76 54.7 42.4 63.6

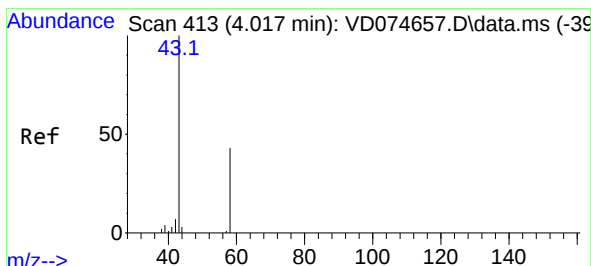
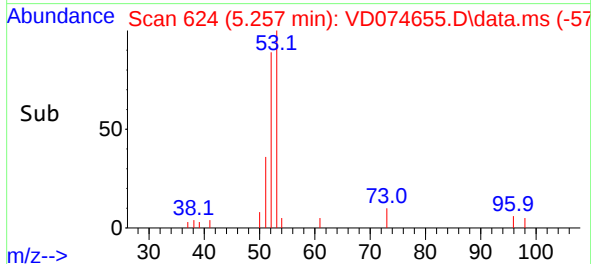
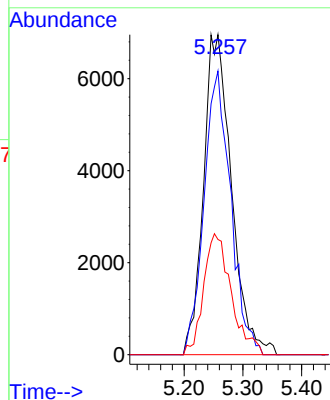
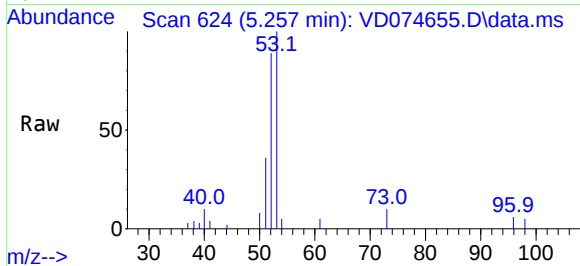




#15
Acrylonitrile
Concen: 90.780 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

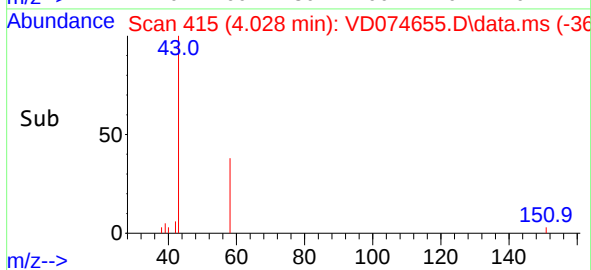
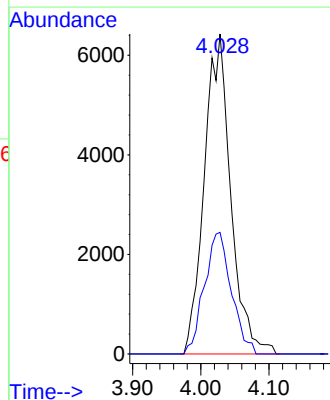
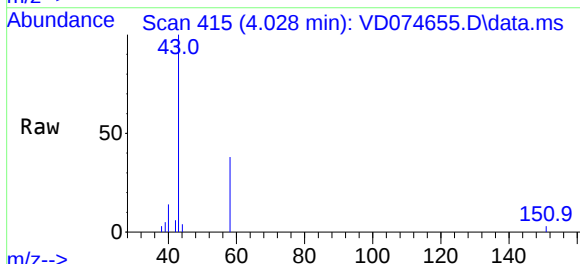
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

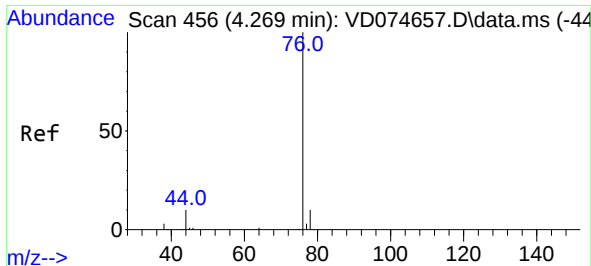
Tgt Ion:	53	Resp:	23028
Ion	Ratio	Lower	Upper
53	100		
52	84.6	66.0	99.0
51	37.3	28.3	42.5



#16
Acetone
Concen: 78.720 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion:	43	Resp:	17334
Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.2	45.2

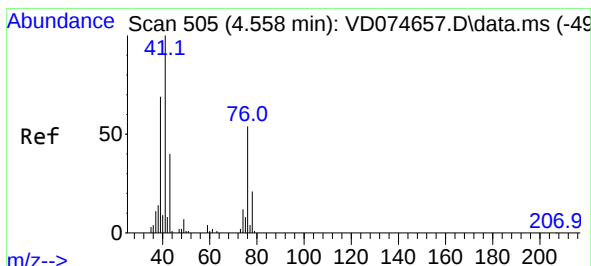
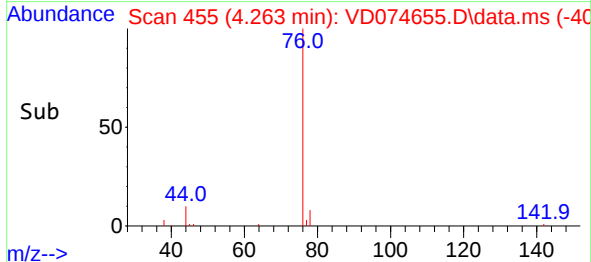
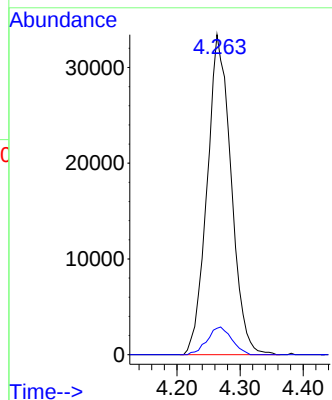
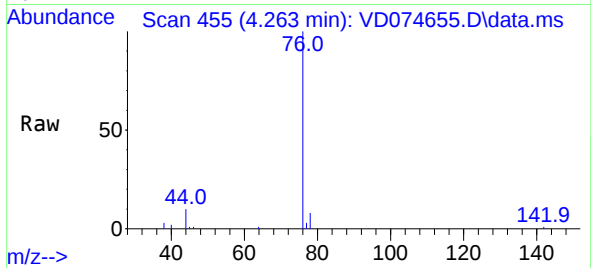




#17
Carbon Disulfide
Concen: 22.308 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

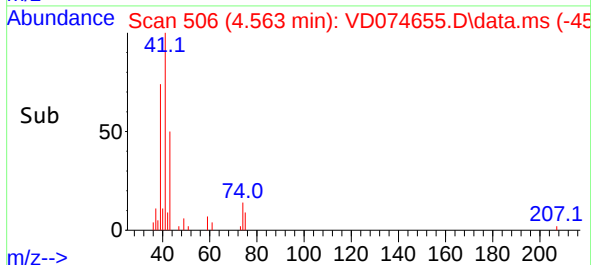
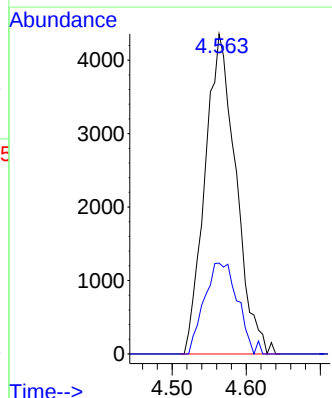
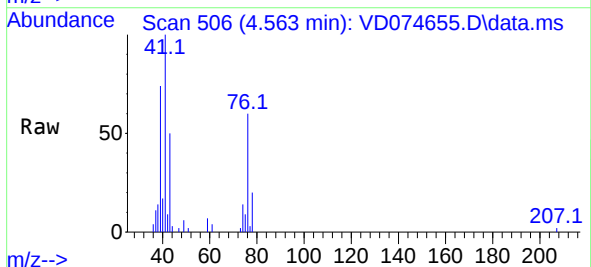
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

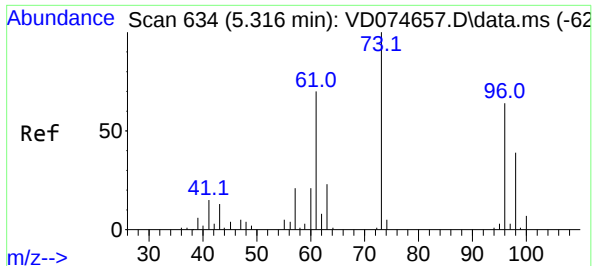
Tgt Ion: 76 Resp: 88353
Ion Ratio Lower Upper
76 100
78 8.3 7.8 11.8



#18
Methyl Acetate
Concen: 19.235 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 43 Resp: 12627
Ion Ratio Lower Upper
43 100
74 30.7 24.7 37.1

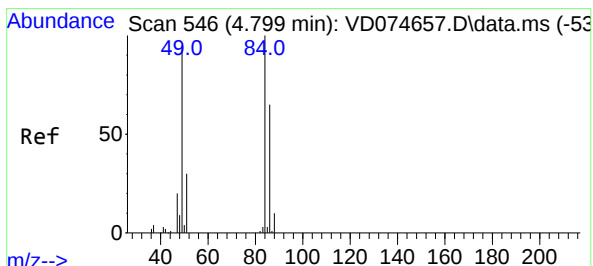
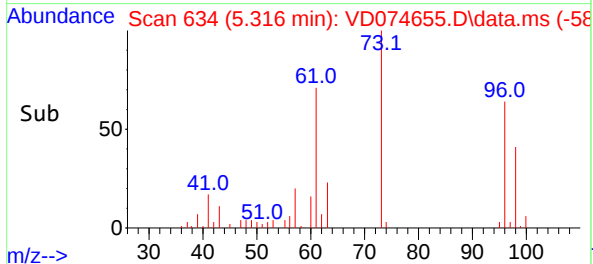
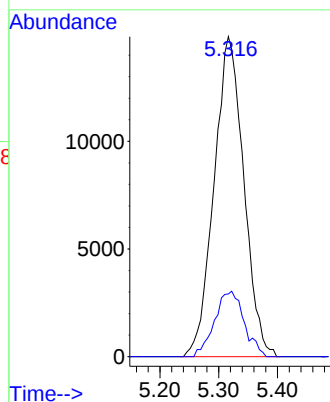
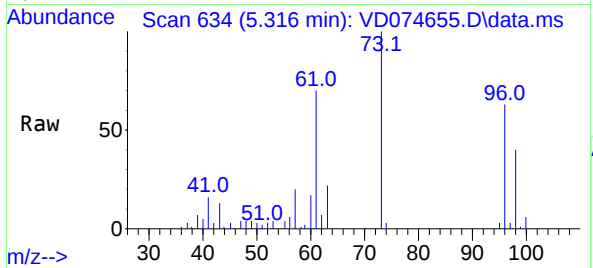




#19
Methyl tert-butyl Ether
Concen: 19.108 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

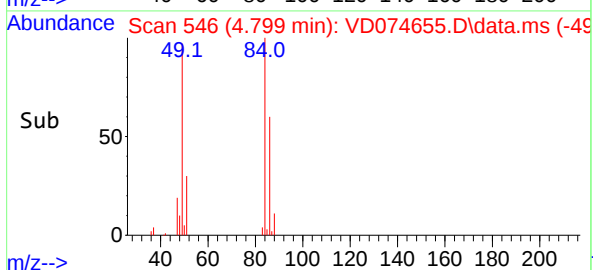
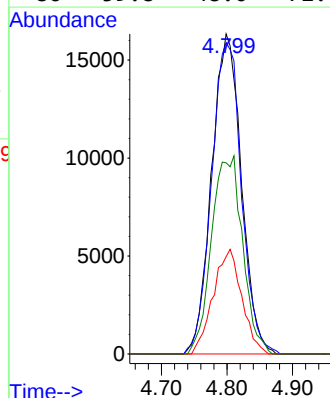
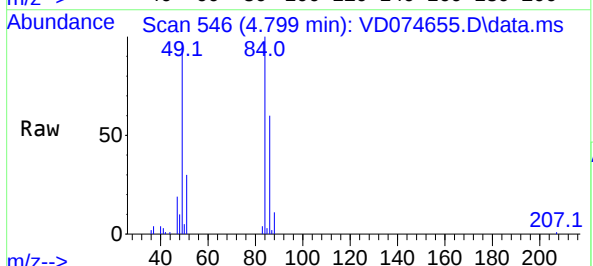
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

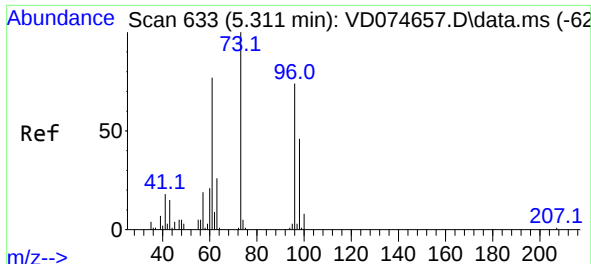
Tgt Ion: 73 Resp: 52171
Ion Ratio Lower Upper
73 100
57 19.6 16.1 24.1



#20
Methylene Chloride
Concen: 22.079 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 84 Resp: 51413
Ion Ratio Lower Upper
84 100
49 97.3 68.0 102.0
51 30.4 23.2 34.8
86 59.8 48.0 72.0

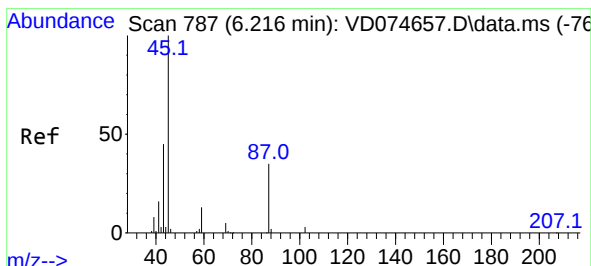
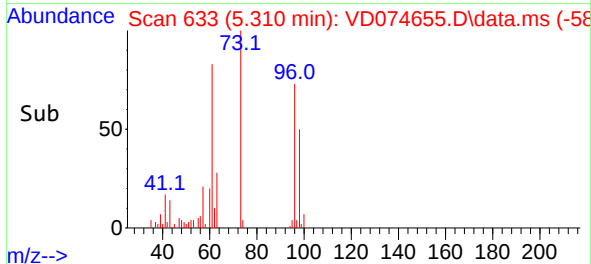
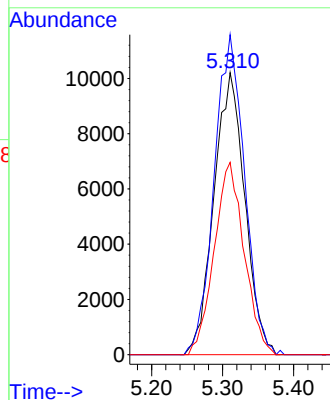
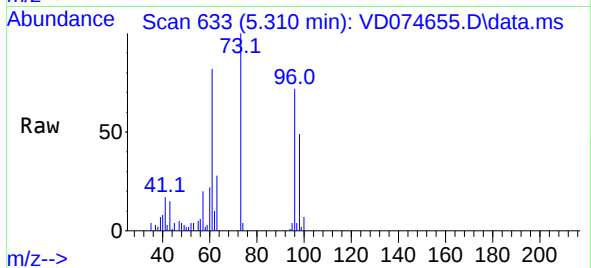




#21
trans-1,2-Dichloroethene
Concen: 19.509 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

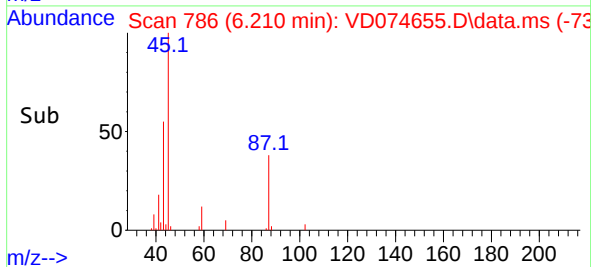
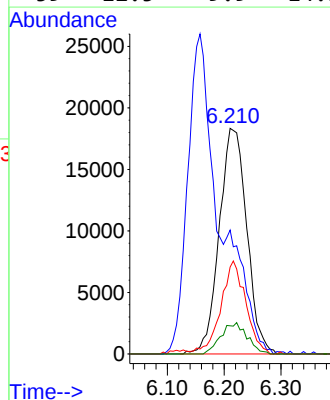
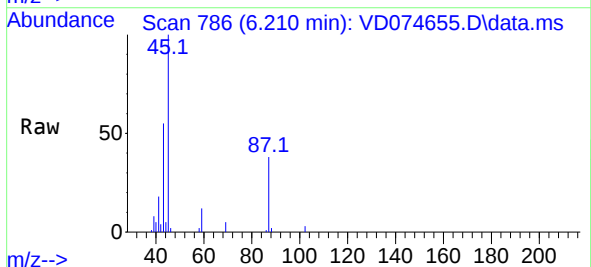
Instrument :
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ClientSampleId :
VSTDIC020

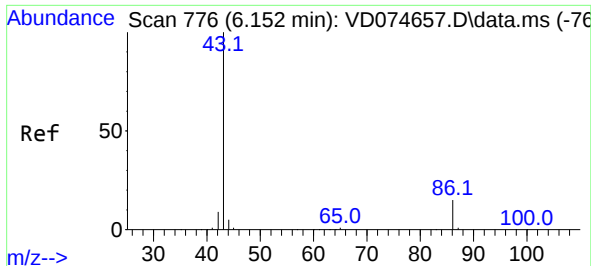
Tgt Ion: 96 Resp: 30834
Ion Ratio Lower Upper
96 100
61 113.4 95.7 143.5
98 68.2 54.8 82.2



#22
Diisopropyl ether
Concen: 20.070 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 45 Resp: 61814
Ion Ratio Lower Upper
45 100
43 54.0 37.8 56.6
87 37.6 26.6 40.0
59 12.5 9.9 14.9

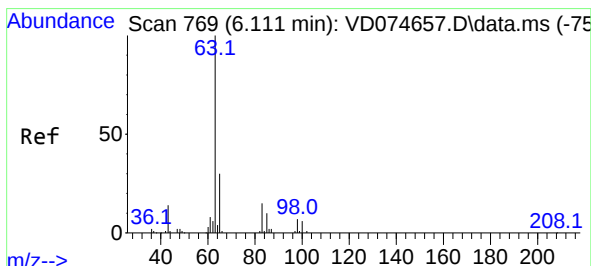
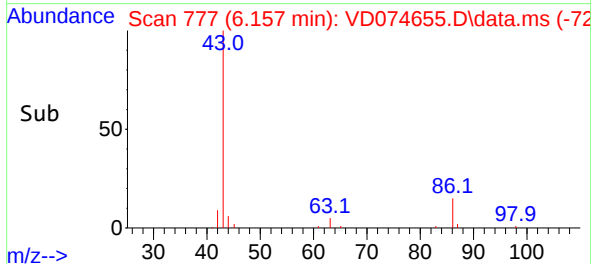
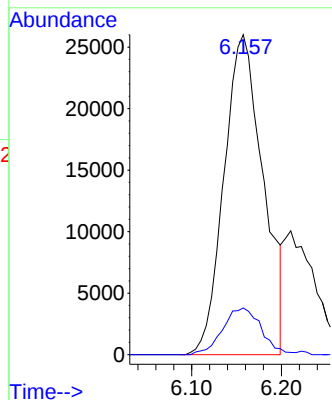
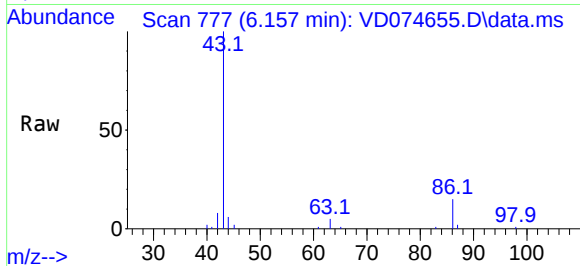




#23
 Vinyl Acetate
 Concen: 59.620 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD074655.D
 Acq: 27 Oct 2022 13:54

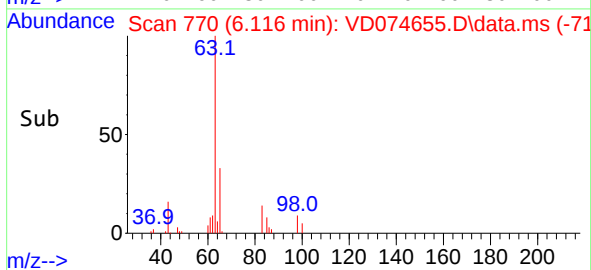
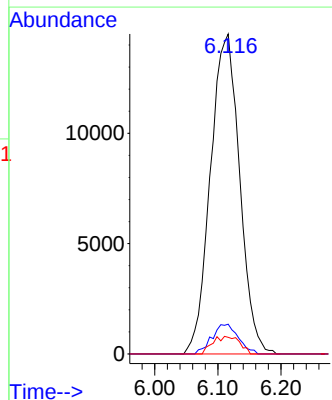
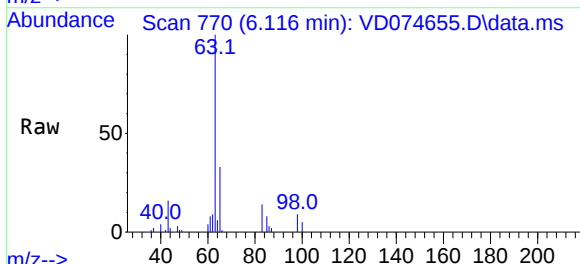
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

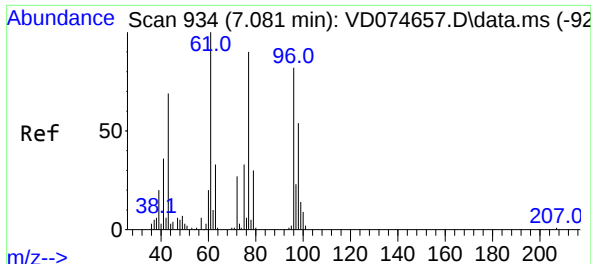
Tgt Ion: 43 Resp: 79060
 Ion Ratio Lower Upper
 43 100
 86 14.6 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 19.645 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD074655.D
 Acq: 27 Oct 2022 13:54

Tgt Ion: 63 Resp: 46566
 Ion Ratio Lower Upper
 63 100
 98 9.3 4.6 13.8
 100 5.2 2.9 8.6

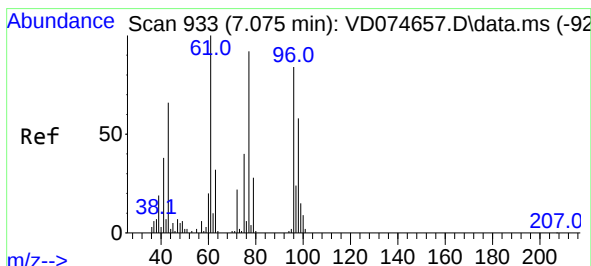
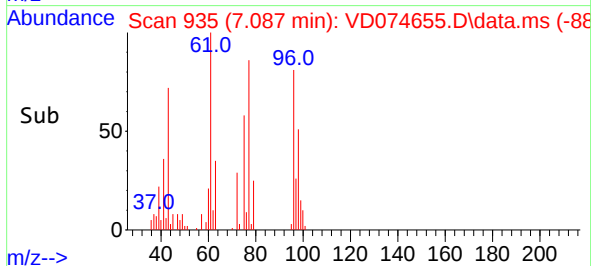
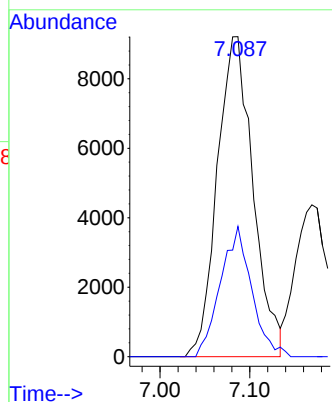
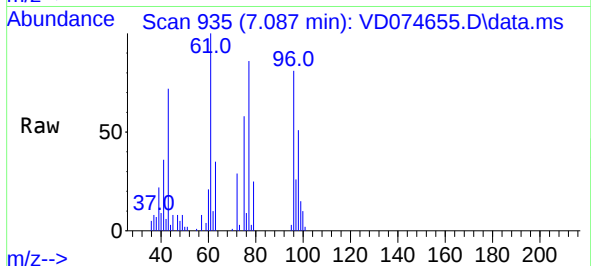




#25
2-Butanone
Concen: 86.679 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

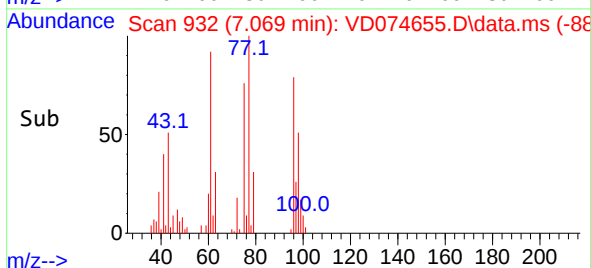
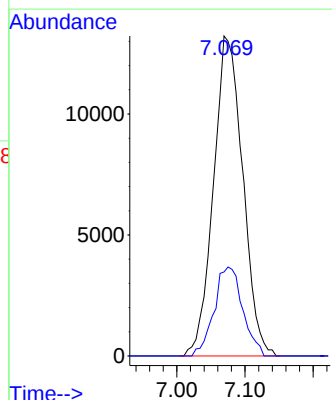
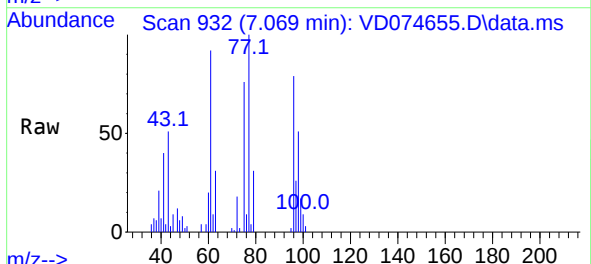
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

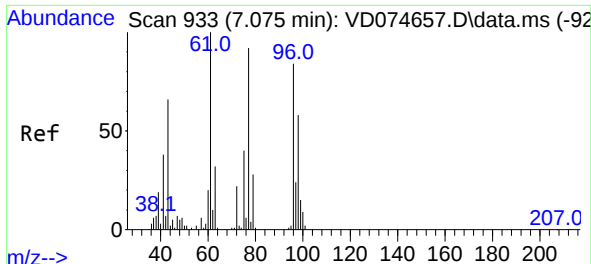
Tgt Ion: 43 Resp: 25475
Ion Ratio Lower Upper
43 100
72 40.7 25.8 38.8#



#26
2,2-Dichloropropane
Concen: 17.466 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 77 Resp: 39494
Ion Ratio Lower Upper
77 100
97 27.1 12.5 37.5



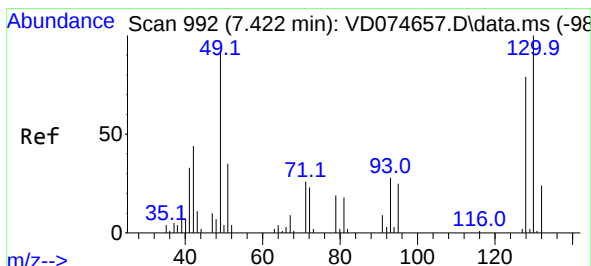
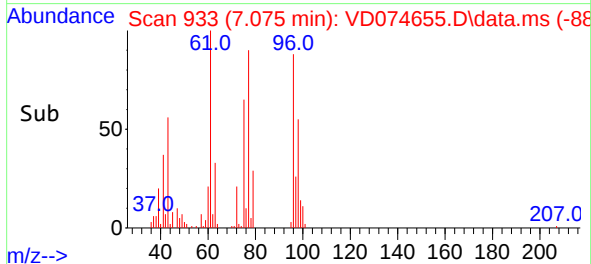
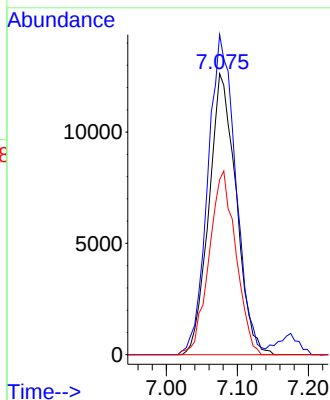
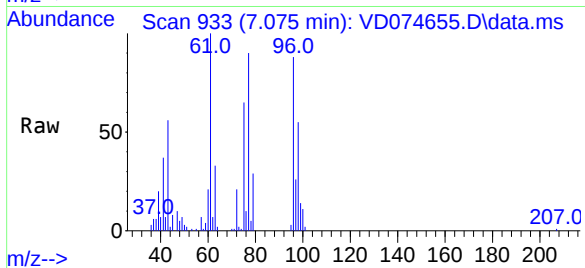


#27
 cis-1,2-Dichloroethene
 Concen: 19.337 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD074655.D
 Acq: 27 Oct 2022 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 33591

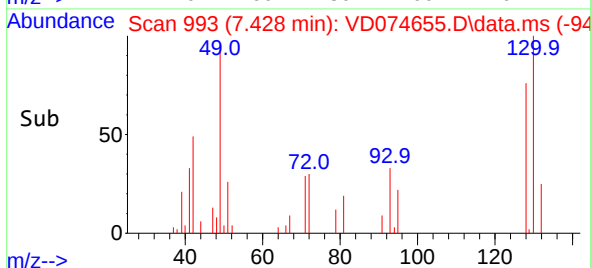
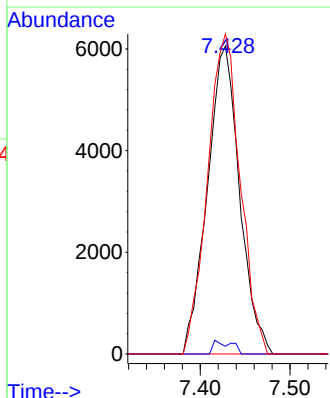
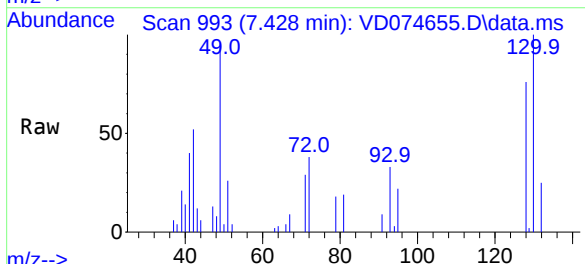
Ion	Ratio	Lower	Upper
96	100		
61	116.7	0.0	242.4
98	64.3	0.0	130.0

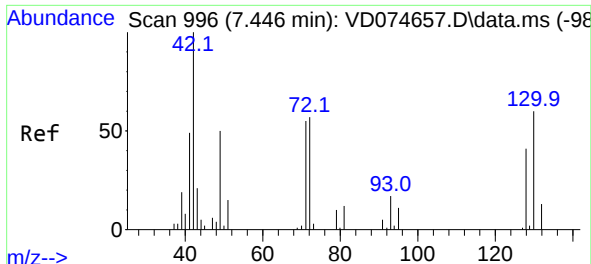


#28
 Bromochloromethane
 Concen: 25.188 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD074655.D
 Acq: 27 Oct 2022 13:54

Tgt Ion: 49 Resp: 15088

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	105.6	84.1	126.1

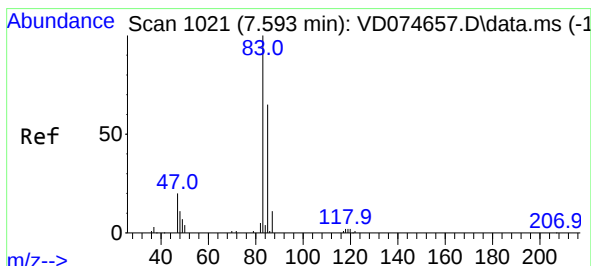
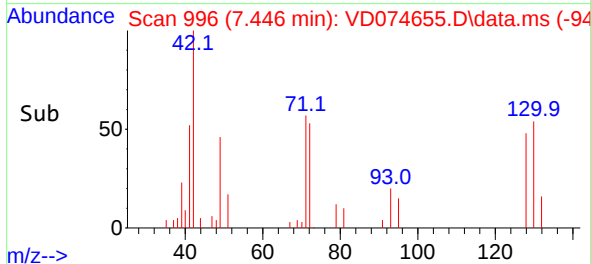
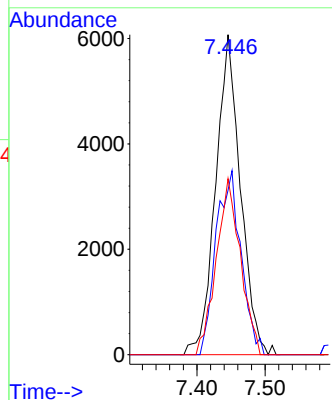
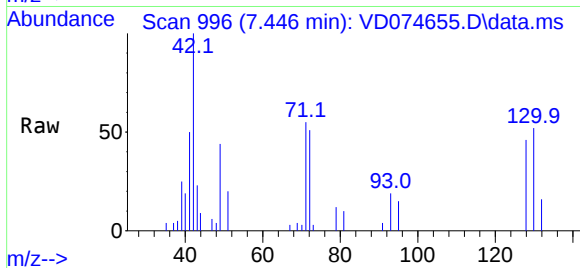




#29
Tetrahydrofuran
Concen: 95.573 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

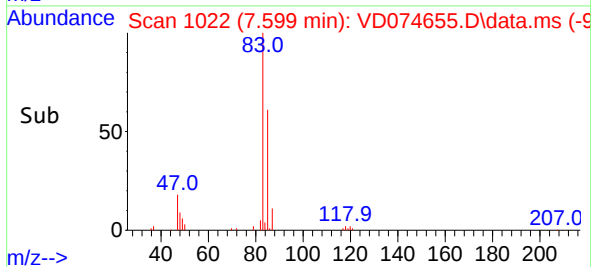
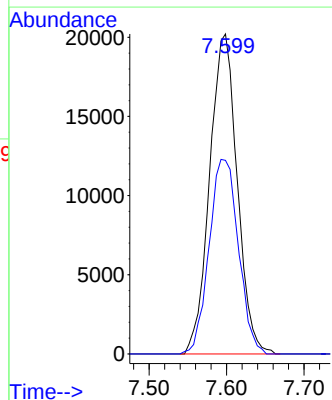
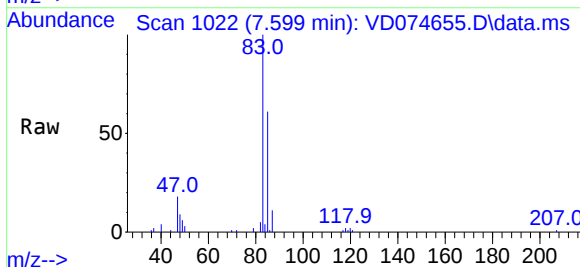
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

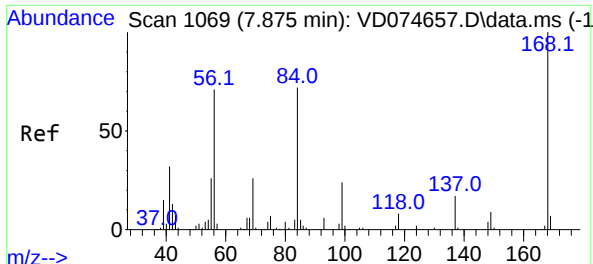
Tgt Ion: 42 Resp: 15379
Ion Ratio Lower Upper
42 100
72 58.0 45.8 68.6
71 53.6 44.6 66.8



#30
Chloroform
Concen: 19.545 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 83 Resp: 49962
Ion Ratio Lower Upper
83 100
85 60.5 52.0 78.0

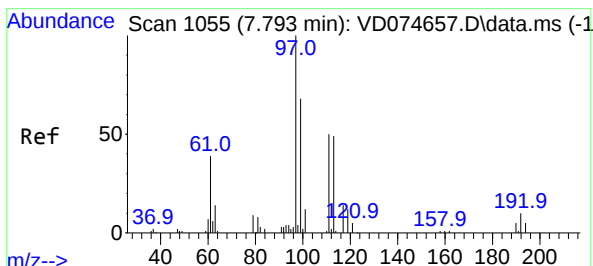
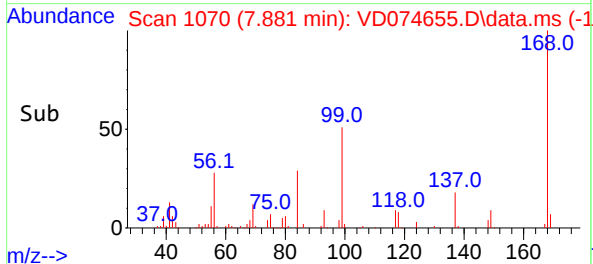
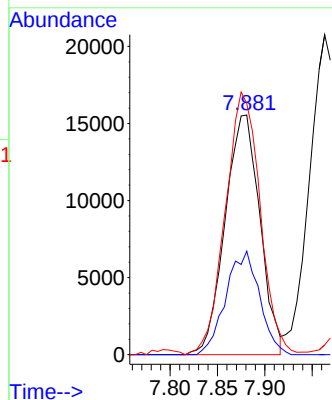
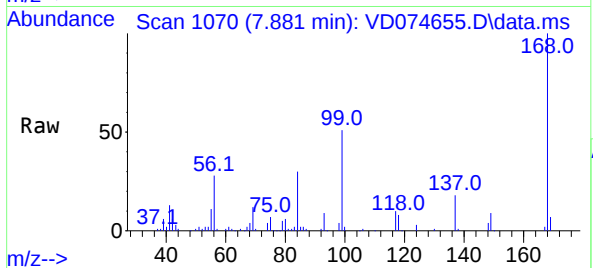




#31
Cyclohexane
Concen: 19.302 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

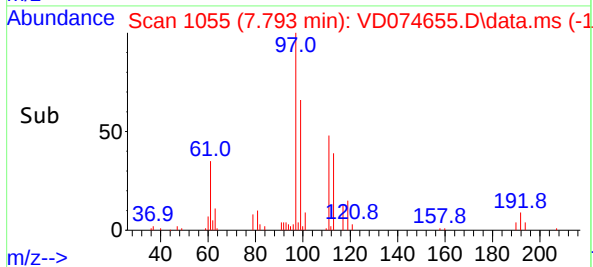
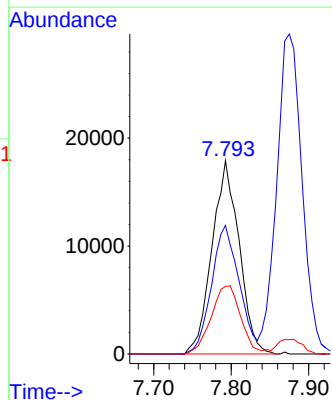
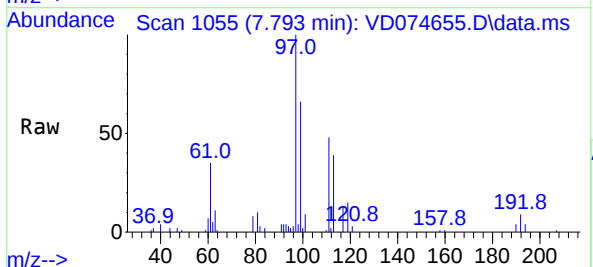
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

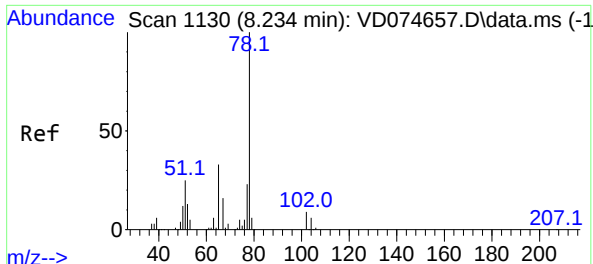
Tgt Ion: 56 Resp: 39784
Ion Ratio Lower Upper
56 100
69 43.2 29.2 43.8
84 103.6 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 18.576 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 97 Resp: 43518
Ion Ratio Lower Upper
97 100
99 68.1 53.3 79.9
61 38.3 30.2 45.4

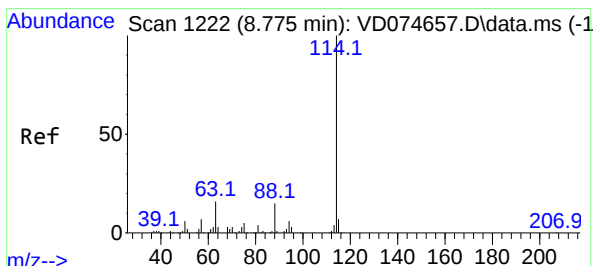
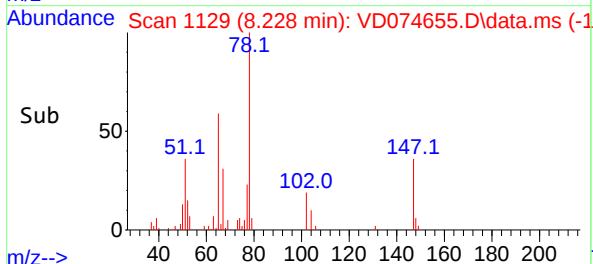
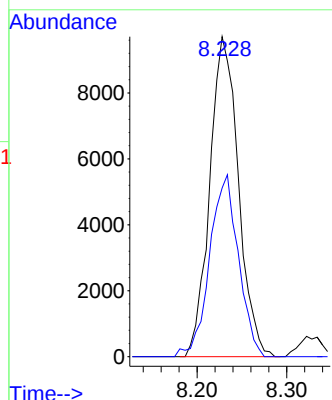
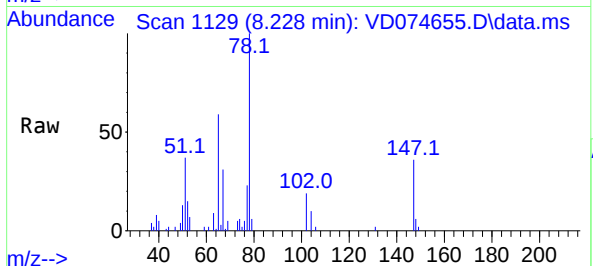




#33
1,2-Dichloroethane-d4
Concen: 20.772 ug/l
RT: 8.228 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

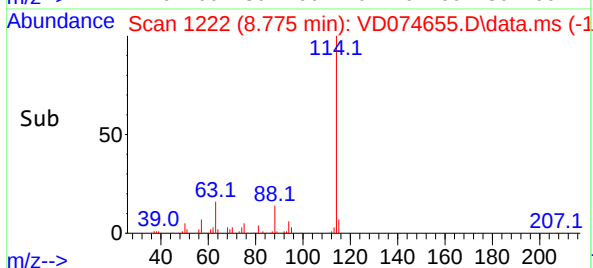
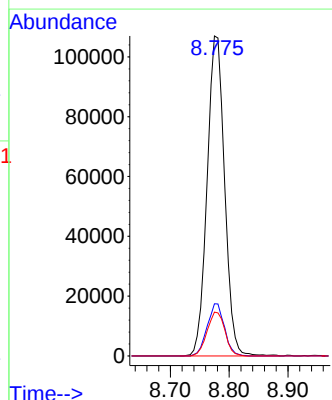
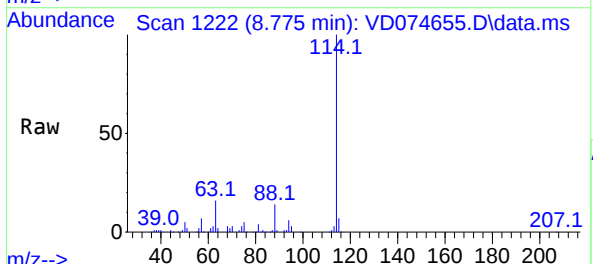
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

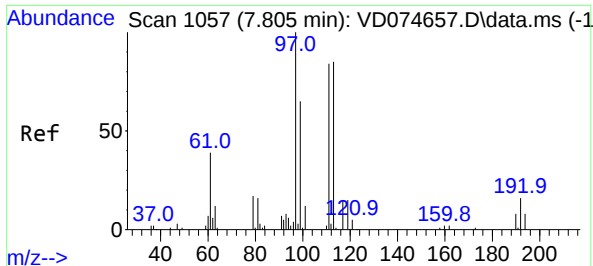
Tgt Ion: 65 Resp: 21535
Ion Ratio Lower Upper
65 100
67 56.9 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 114 Resp: 221148
Ion Ratio Lower Upper
114 100
63 16.3 0.0 33.2
88 13.7 0.0 28.2

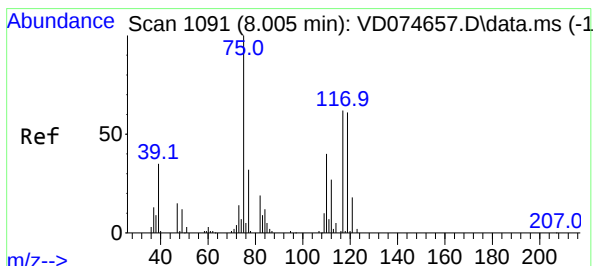
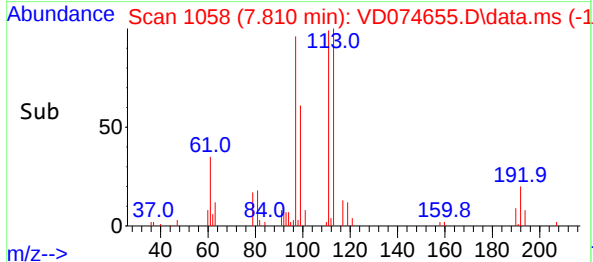
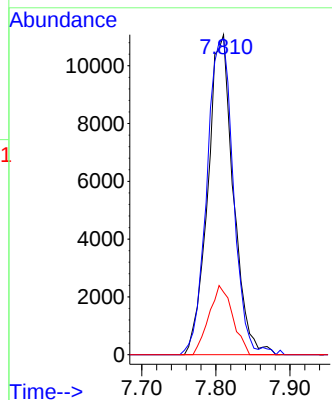
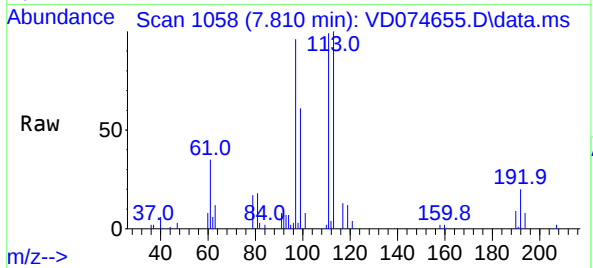




#35
Dibromofluoromethane
Concen: 19.095 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

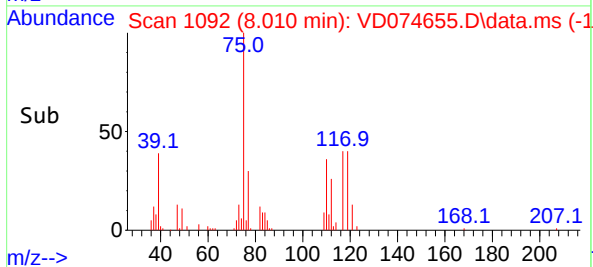
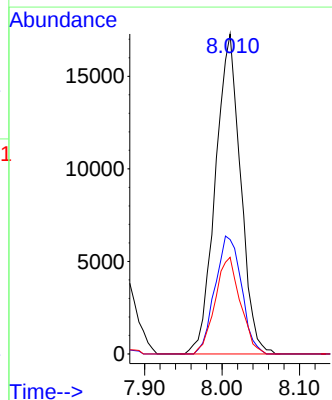
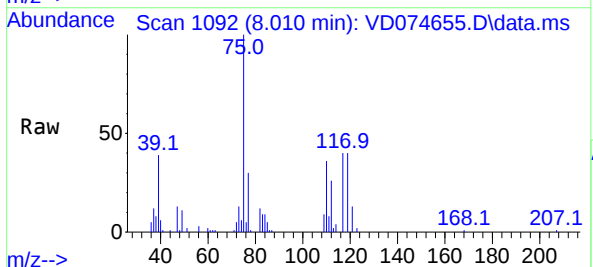
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

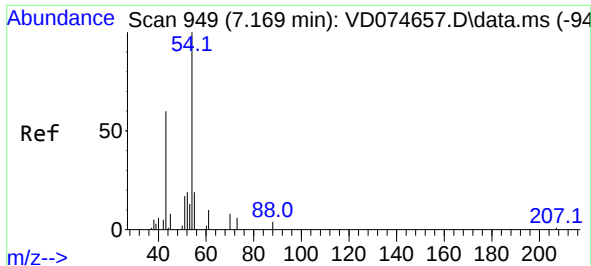
Tgt Ion:113 Resp: 26481
Ion Ratio Lower Upper
113 100
111 101.8 82.3 123.5
192 20.1 16.4 24.6



#36
1,1-Dichloropropene
Concen: 19.503 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 75 Resp: 39067
Ion Ratio Lower Upper
75 100
110 38.6 19.7 59.0
77 30.4 25.4 38.2





#37

Ethyl Acetate

Concen: 19.356 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD074655.D

Acq: 27 Oct 2022 13:54

Instrument :

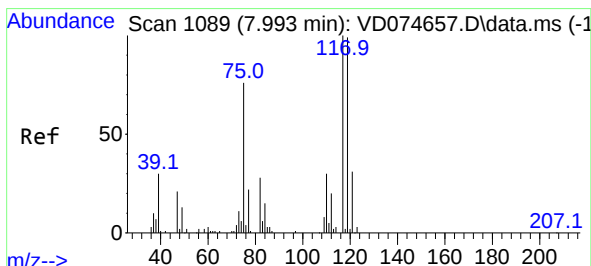
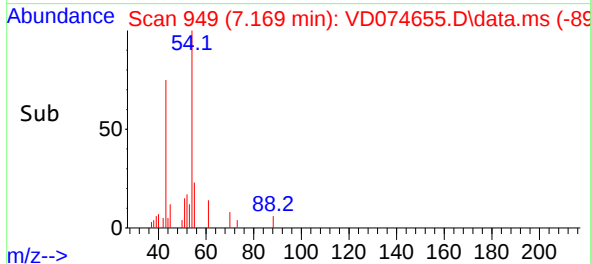
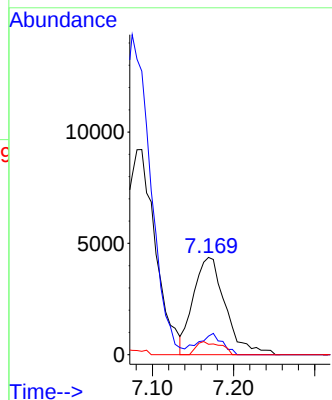
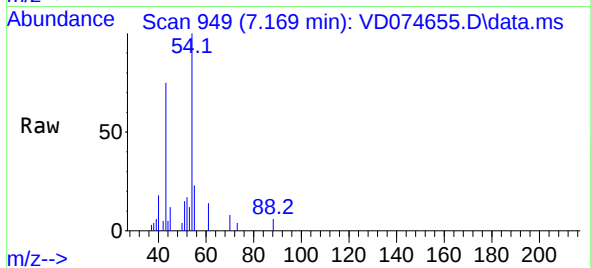
MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 12016

Ion	Ratio	Lower	Upper
43	100		
61	16.2	12.2	18.4
70	10.1	9.6	14.4



#38

Carbon Tetrachloride

Concen: 17.988 ug/l

RT: 7.987 min Scan# 1088

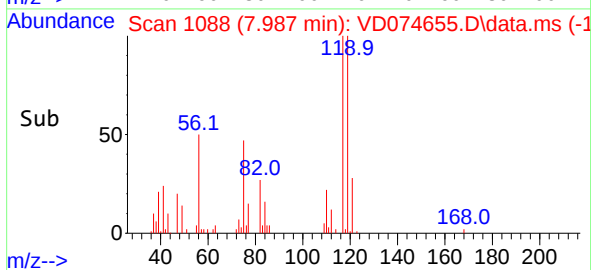
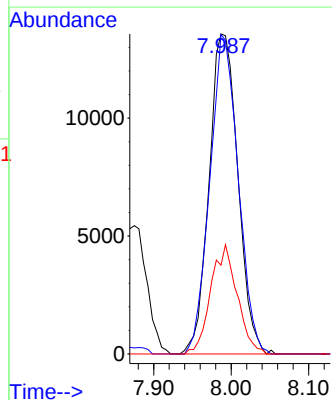
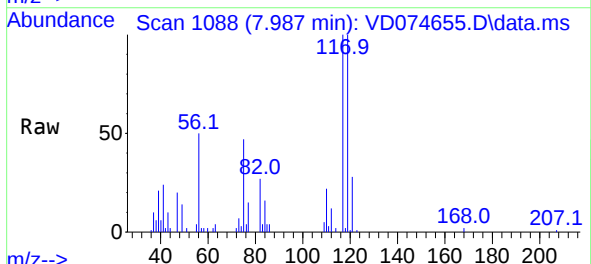
Delta R.T. -0.006 min

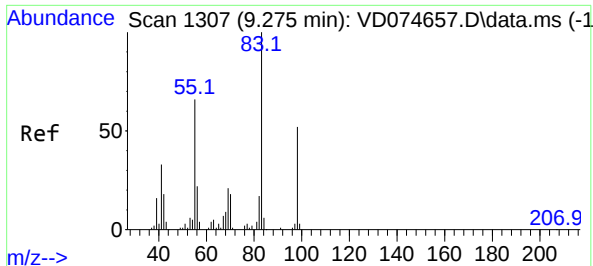
Lab File: VD074655.D

Acq: 27 Oct 2022 13:54

Tgt Ion: 117 Resp: 35011

Ion	Ratio	Lower	Upper
117	100		
119	99.8	73.1	109.7
121	27.7	25.0	37.6





#39

Methylcyclohexane

Concen: 19.728 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD074655.D

Acq: 27 Oct 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

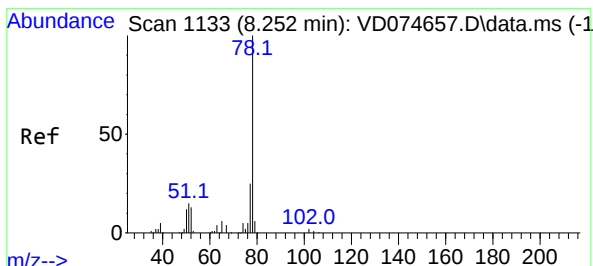
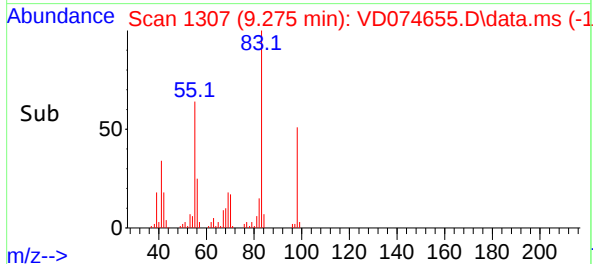
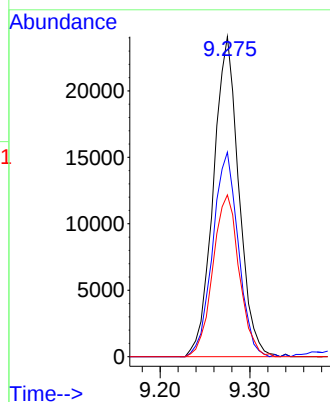
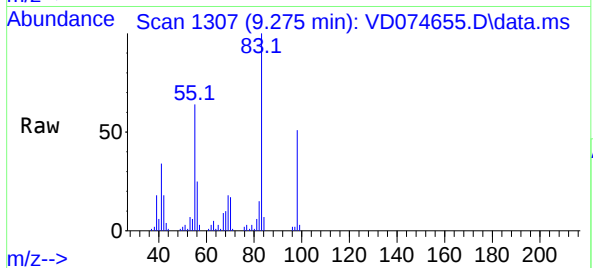
Tgt Ion: 83 Resp: 47330

Ion Ratio Lower Upper

83 100

55 63.9 49.0 73.4

98 50.6 41.7 62.5



#40

Benzene

Concen: 19.567 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD074655.D

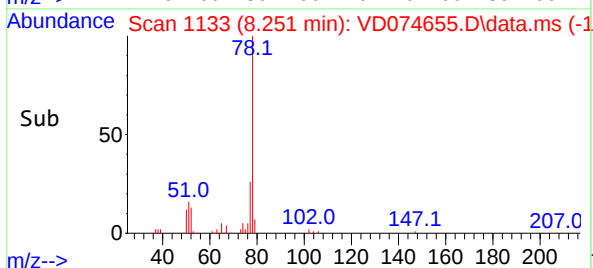
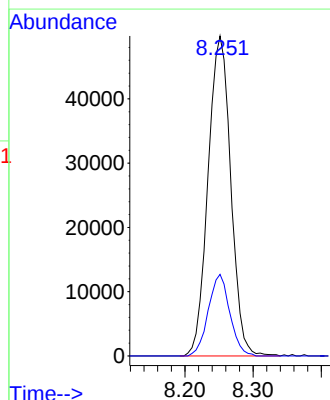
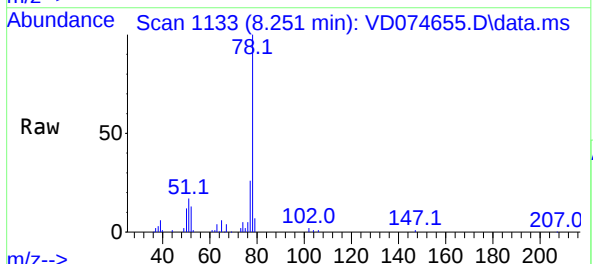
Acq: 27 Oct 2022 13:54

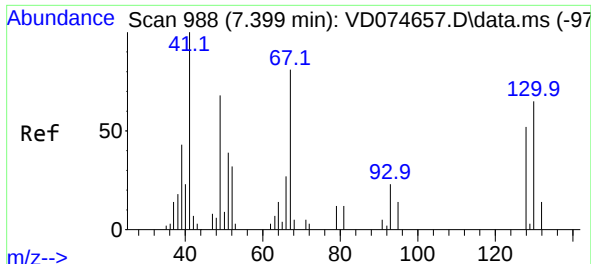
Tgt Ion: 78 Resp: 115546

Ion Ratio Lower Upper

78 100

77 25.5 20.1 30.1



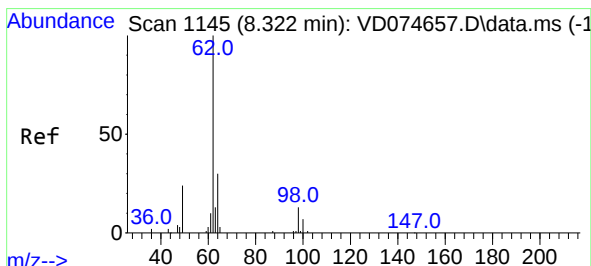
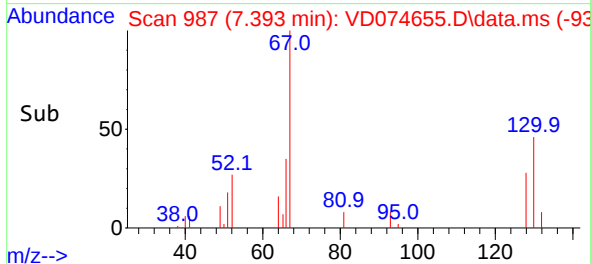
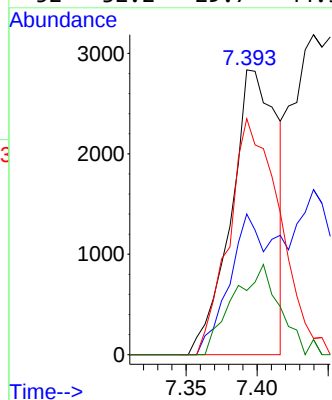
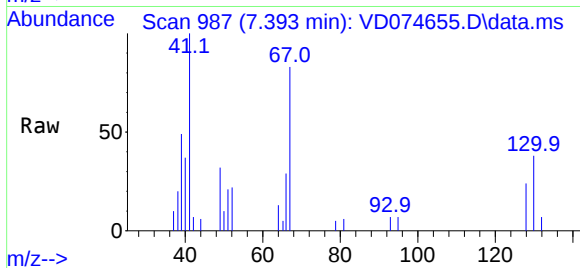


#41
Methacrylonitrile
Concen: 18.464 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 6380

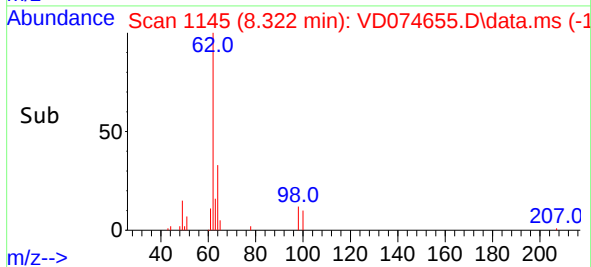
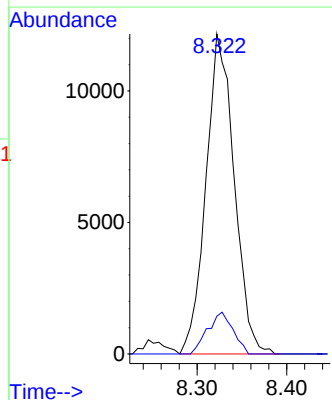
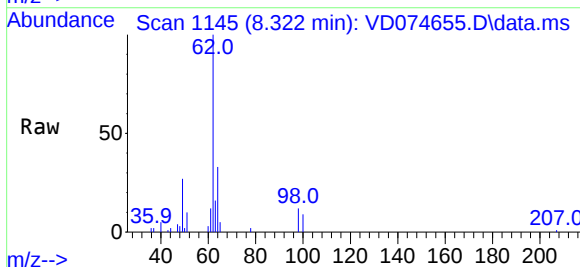
Ion	Ratio	Lower	Upper
41	100		
39	35.8	35.0	52.6
67	92.0	77.0	115.6
52	32.2	29.7	44.5

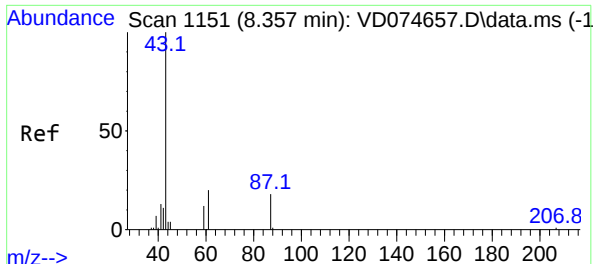


#42
1,2-Dichloroethane
Concen: 19.512 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 62 Resp: 26583

Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	24.2

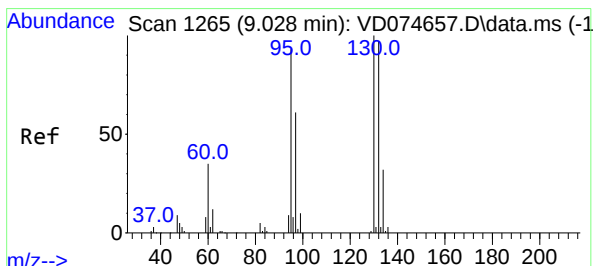
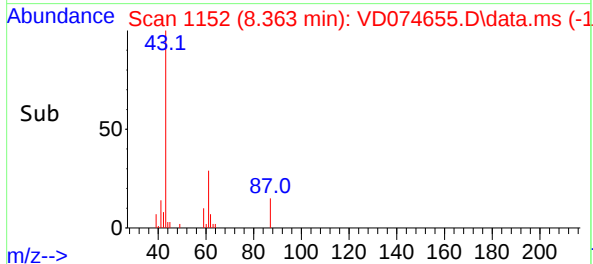
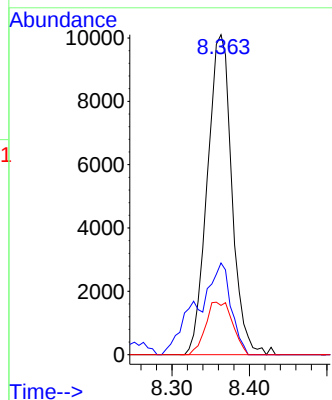
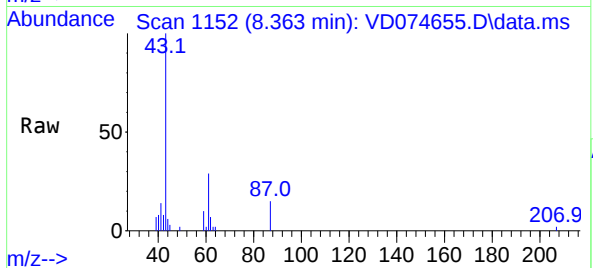




#43
Isopropyl Acetate
Concen: 19.139 ug/l
RT: 8.363 min Scan# 1151
Delta R.T. 0.006 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

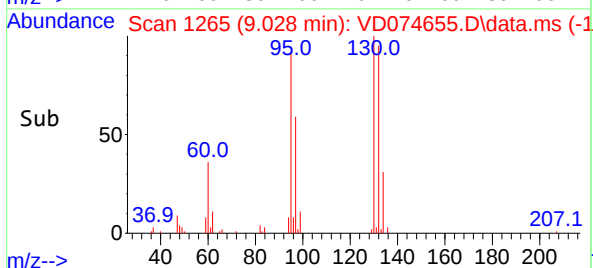
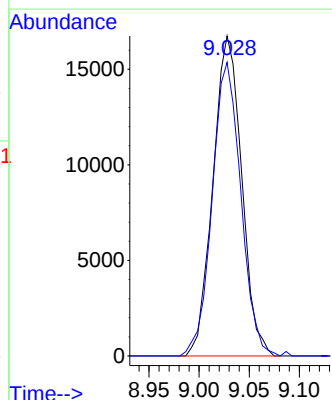
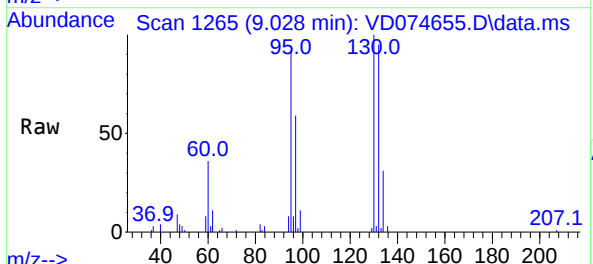
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

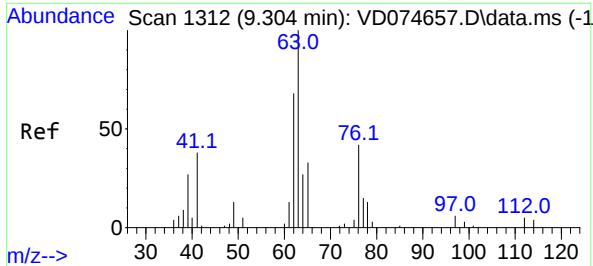
Tgt Ion: 43 Resp: 22146
Ion Ratio Lower Upper
43 100
61 25.4 30.9 46.3#
87 18.1 14.3 21.5



#44
Trichloroethene
Concen: 19.222 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion:130 Resp: 33301
Ion Ratio Lower Upper
130 100
95 91.7 0.0 185.4

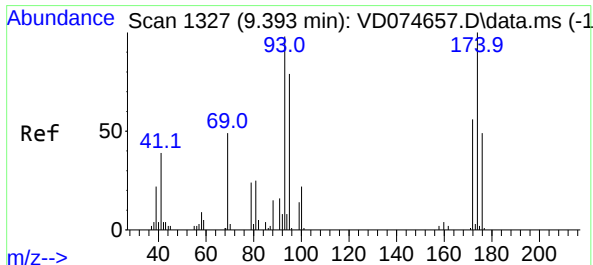
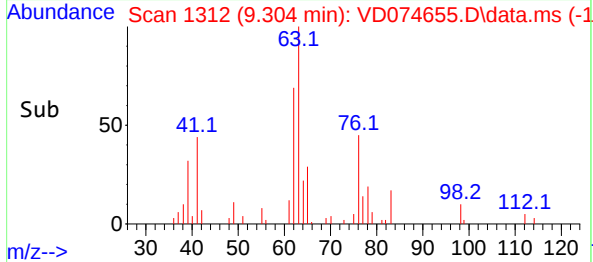
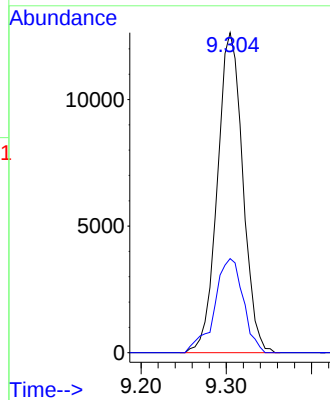
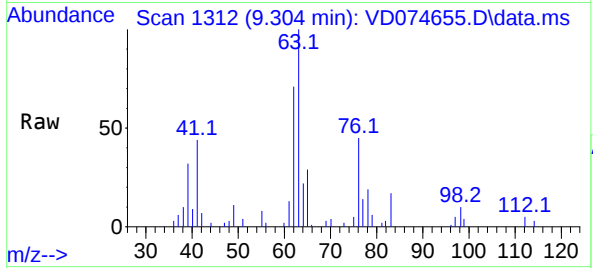




#45
1,2-Dichloropropane
Concen: 20.146 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

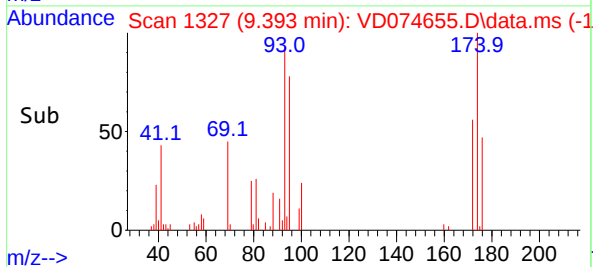
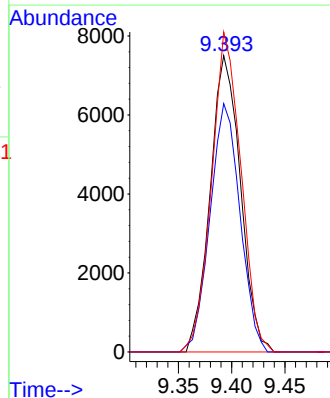
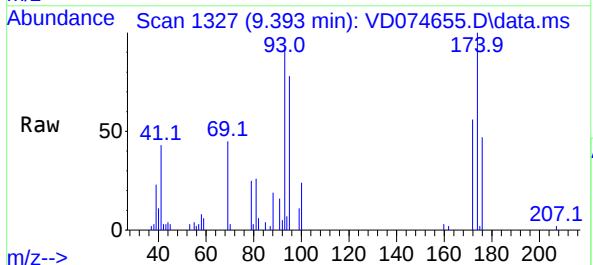
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

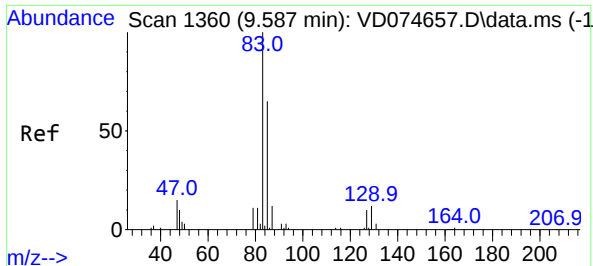
Tgt Ion: 63 Resp: 26158
Ion Ratio Lower Upper
63 100
65 29.4 23.1 34.7



#46
Dibromomethane
Concen: 19.830 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 93 Resp: 14821
Ion Ratio Lower Upper
93 100
95 82.9 68.2 102.2
174 104.6 87.4 131.0





#47

Bromodichloromethane

Concen: 19.750 ug/l

RT: 9.587 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074655.D

Acq: 27 Oct 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

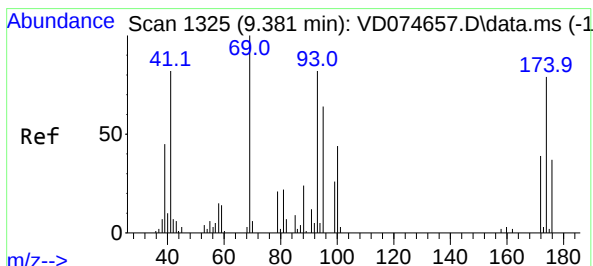
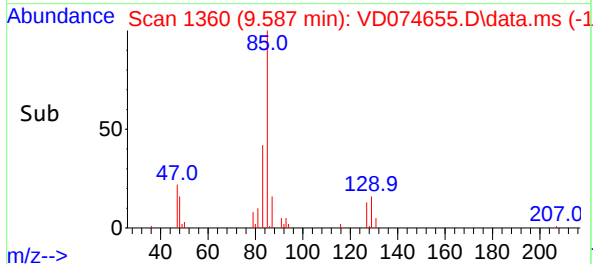
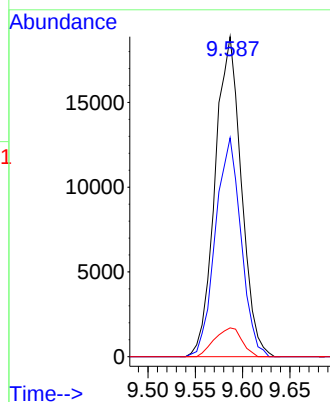
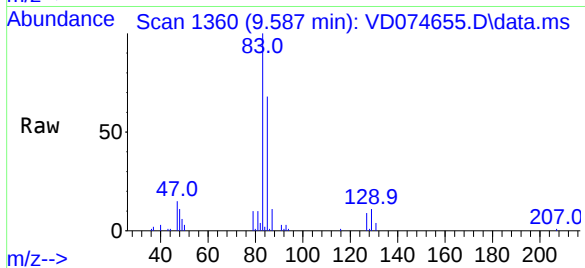
Tgt Ion: 83 Resp: 36350

Ion Ratio Lower Upper

83 100

85 68.4 48.8 73.2

127 9.0 6.7 10.1



#48

Methyl methacrylate

Concen: 19.940 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD074655.D

Acq: 27 Oct 2022 13:54

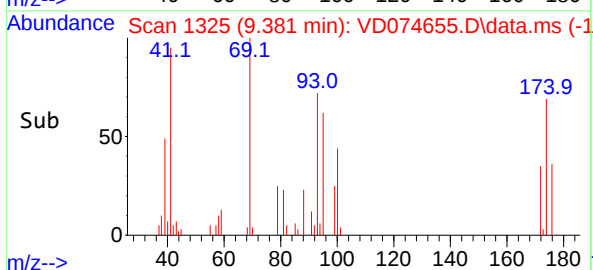
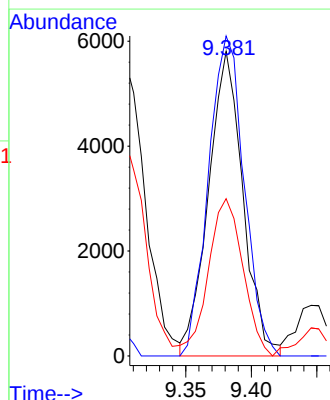
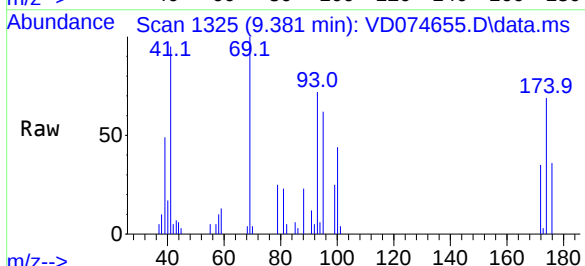
Tgt Ion: 41 Resp: 10596

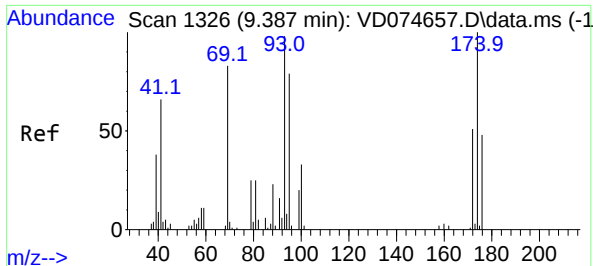
Ion Ratio Lower Upper

41 100

69 108.9 93.0 139.4

39 51.8 44.6 66.8

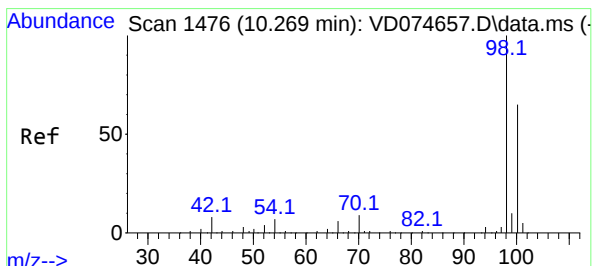
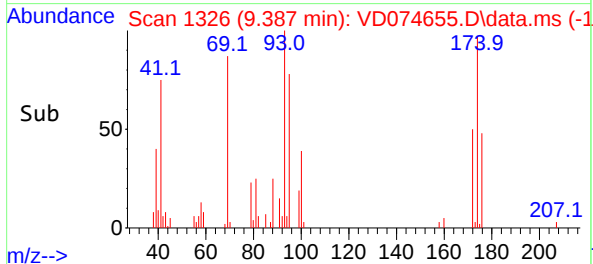
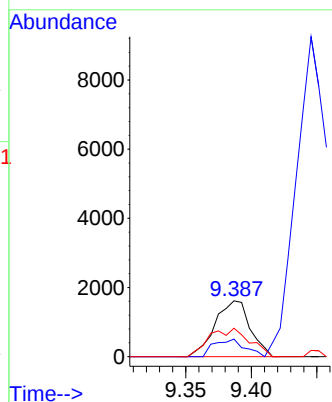
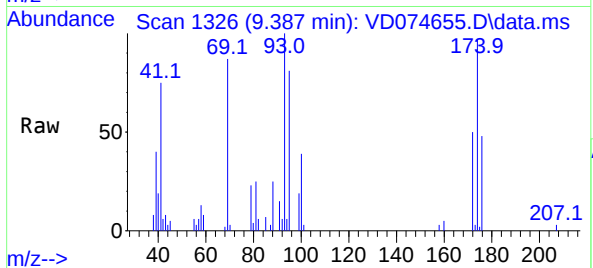




#49
1,4-Dioxane
Concen: 407.696 ug/l
RT: 9.387 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

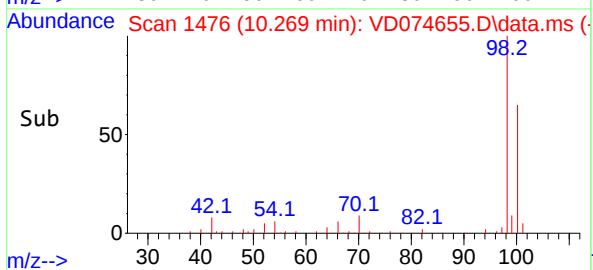
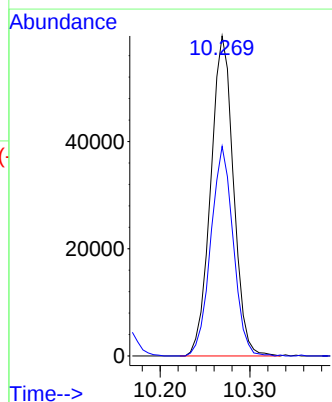
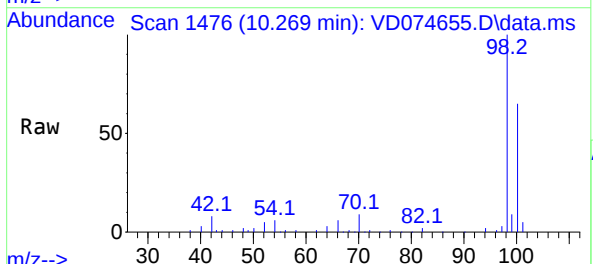
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

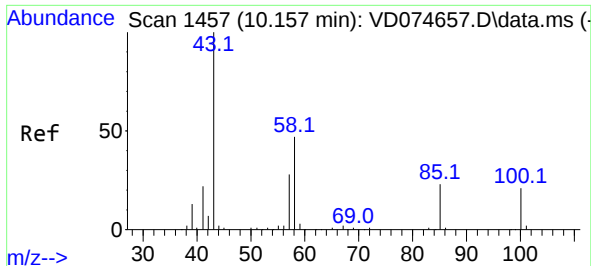
Tgt Ion: 88 Resp: 3001
Ion Ratio Lower Upper
88 100
43 27.4 24.1 36.1
58 58.6 43.1 64.7



#50
Toluene-d8
Concen: 22.769 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 98 Resp: 105027
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0

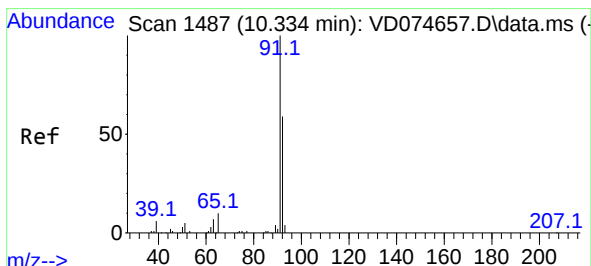
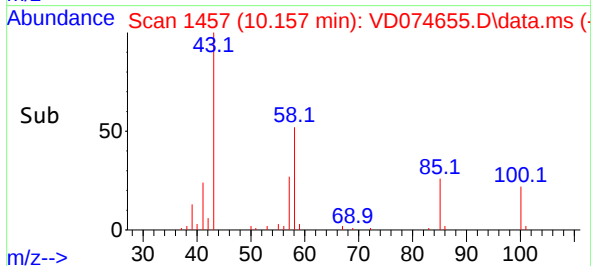
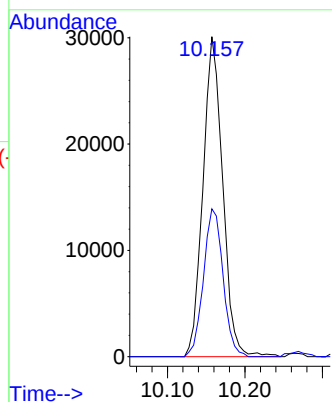
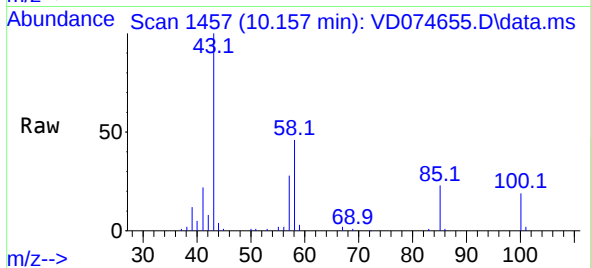




#51
4-Methyl-2-Pentanone
Concen: 92.324 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

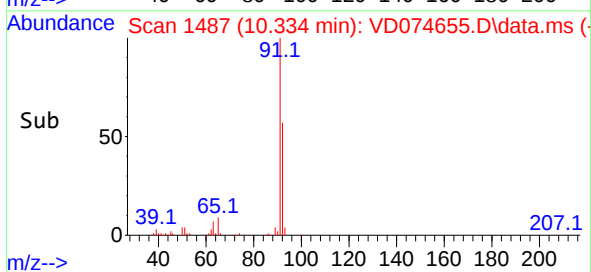
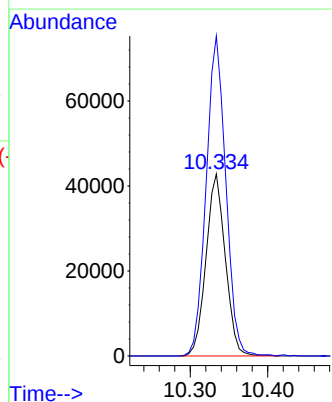
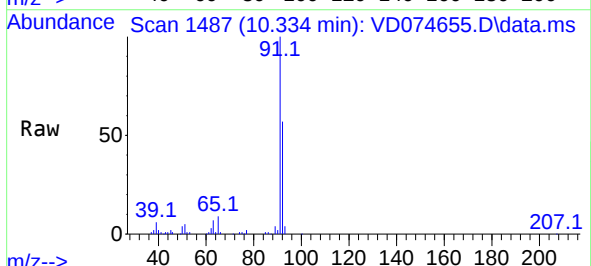
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

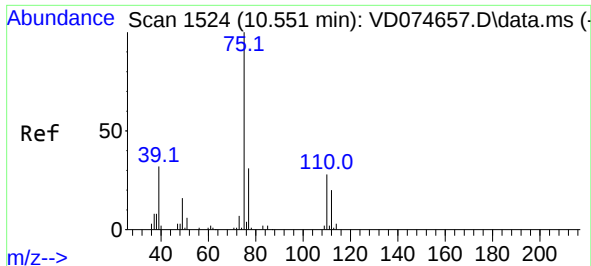
Tgt Ion: 43 Resp: 53251
Ion Ratio Lower Upper
43 100
58 45.8 37.8 56.6



#52
Toluene
Concen: 20.232 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 92 Resp: 74000
Ion Ratio Lower Upper
92 100
91 178.7 139.0 208.4

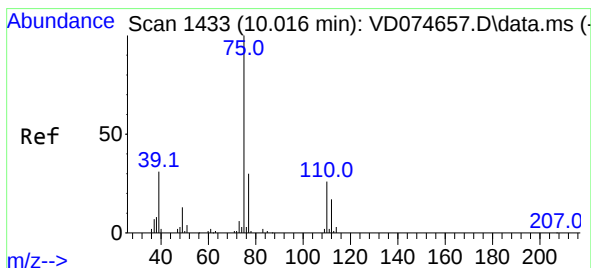
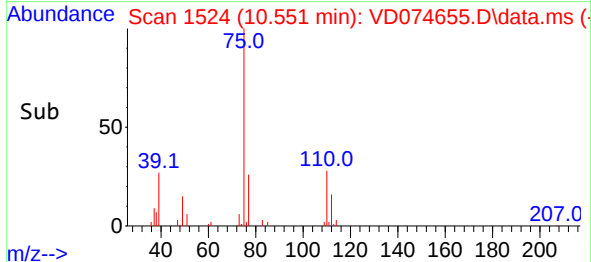
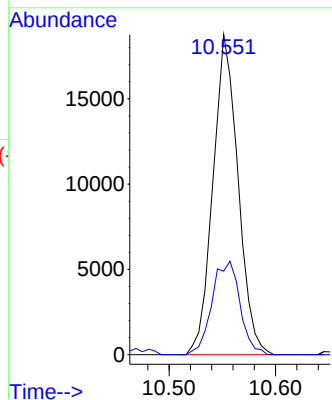
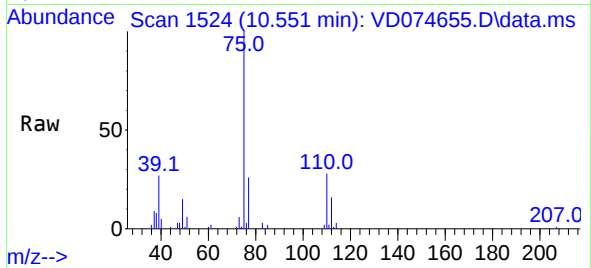




#53
t-1,3-Dichloropropene
Concen: 18.923 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

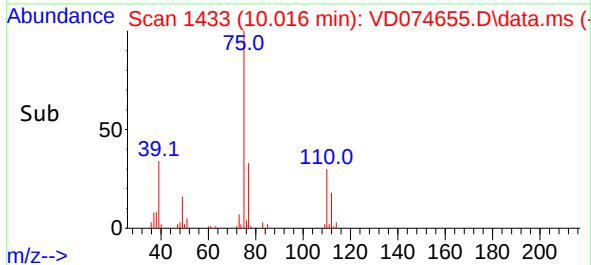
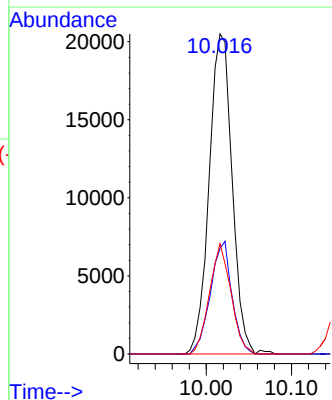
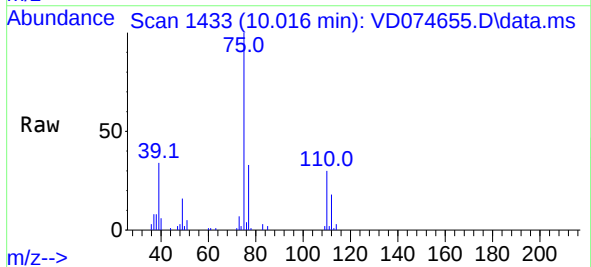
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

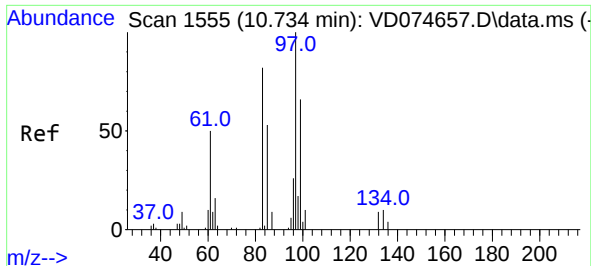
Tgt Ion: 75 Resp: 30692
Ion Ratio Lower Upper
75 100
77 26.1 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 18.688 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 75 Resp: 38378
Ion Ratio Lower Upper
75 100
77 33.0 24.7 37.1
39 34.5 25.4 38.2

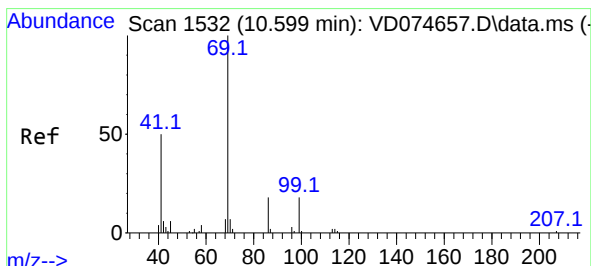
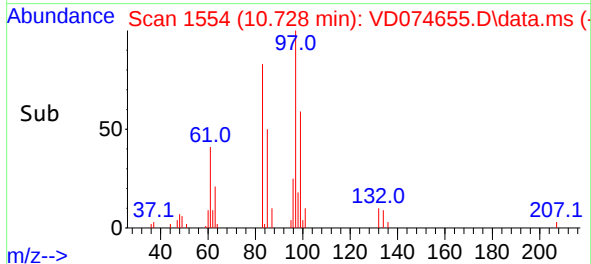
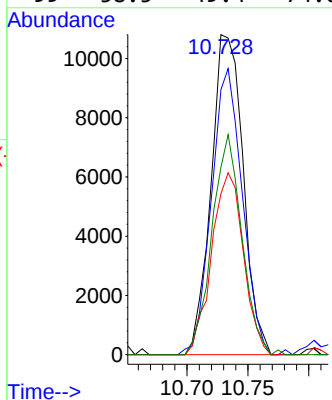
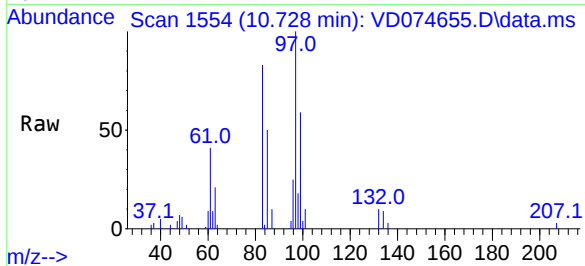




#55
1,1,2-Trichloroethane
Concen: 19.263 ug/l
RT: 10.728 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

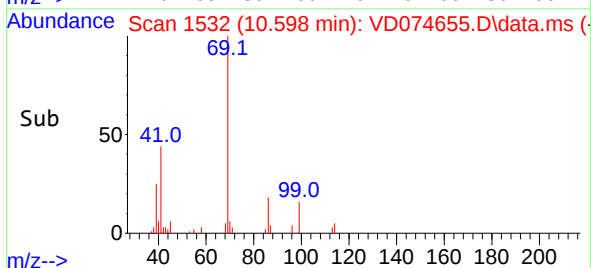
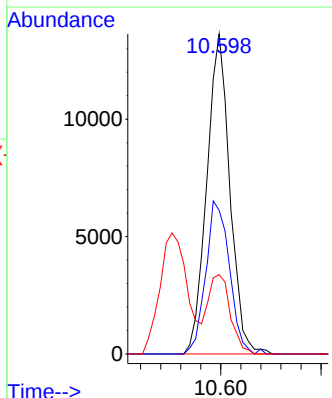
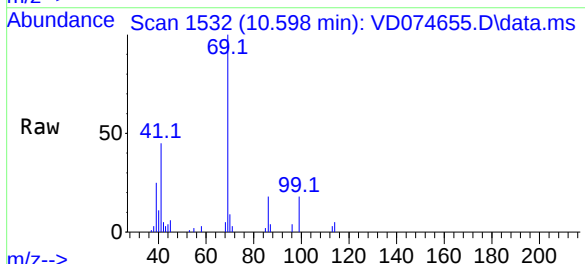
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

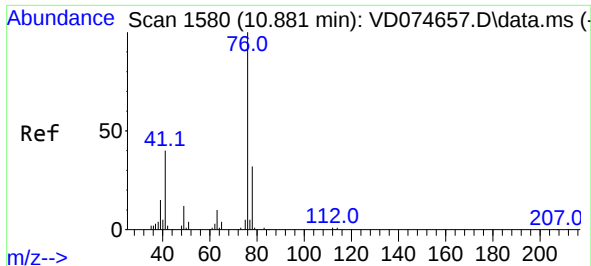
Tgt Ion:	97	Resp:	19761
Ion	Ratio	Lower	Upper
97	100		
83	82.8	64.8	97.2
85	50.2	44.8	67.2
99	58.5	49.4	74.0



#56
Ethyl methacrylate
Concen: 19.468 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion:	69	Resp:	21786
Ion	Ratio	Lower	Upper
69	100		
41	49.1	38.6	58.0
39	23.7	19.9	29.9





#57

1,3-Dichloropropane

Concen: 19.357 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD074655.D

Acq: 27 Oct 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

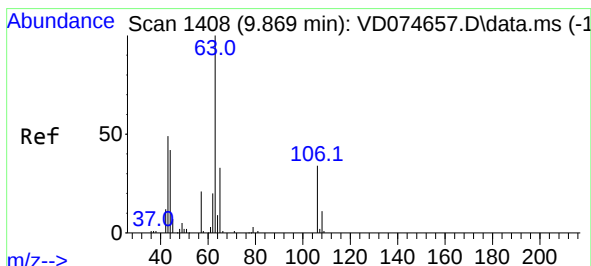
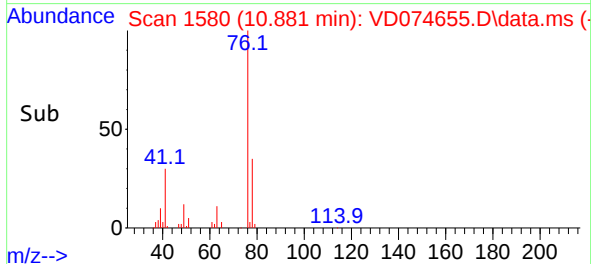
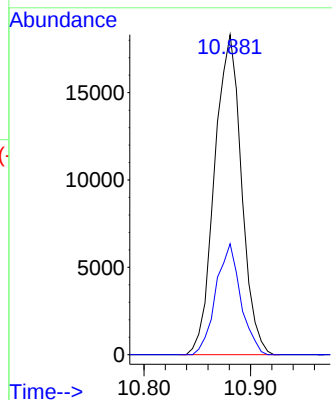
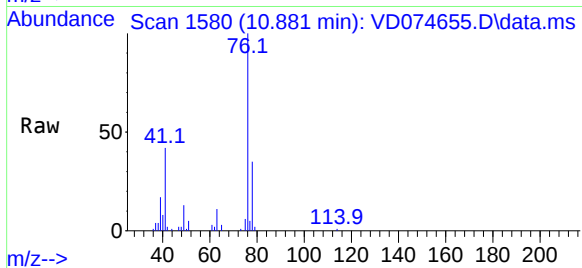
VSTDIC020

Tgt Ion: 76 Resp: 32146

Ion Ratio Lower Upper

76 100

78 31.9 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 70.683 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD074655.D

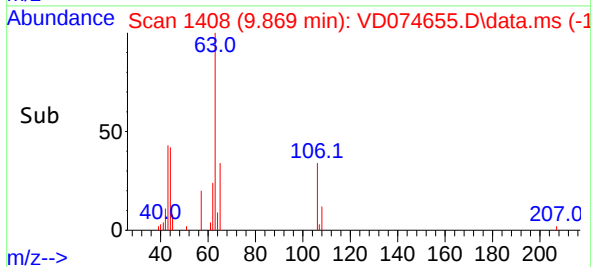
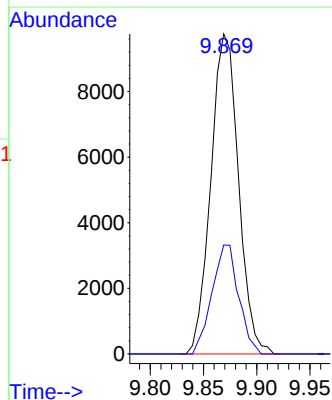
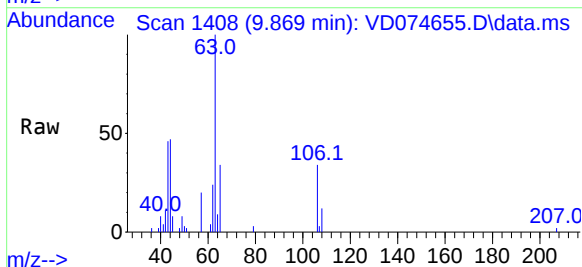
Acq: 27 Oct 2022 13:54

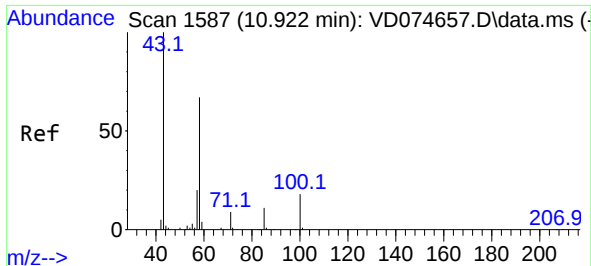
Tgt Ion: 63 Resp: 17629

Ion Ratio Lower Upper

63 100

106 32.8 26.5 39.7

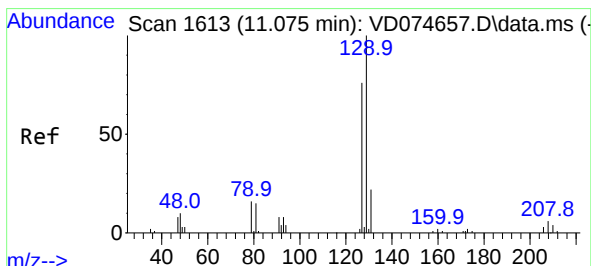
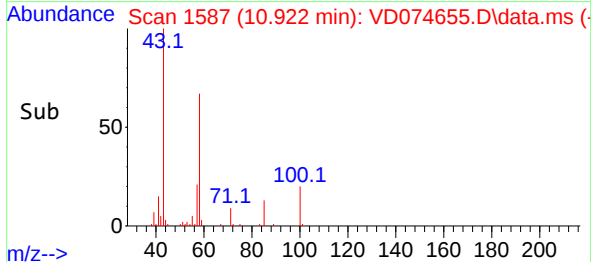
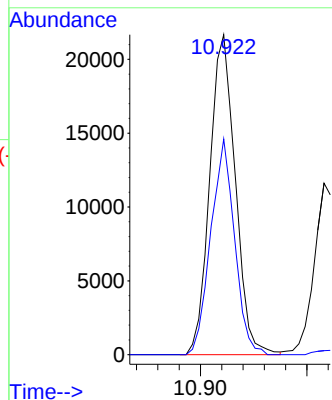
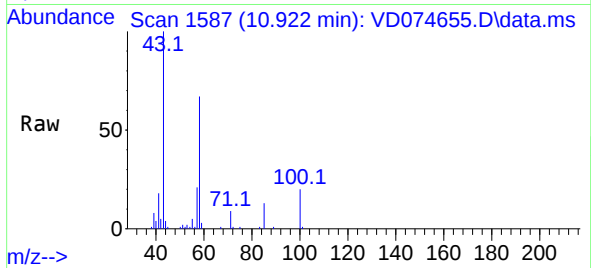




#59
2-Hexanone
Concen: 91.234 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

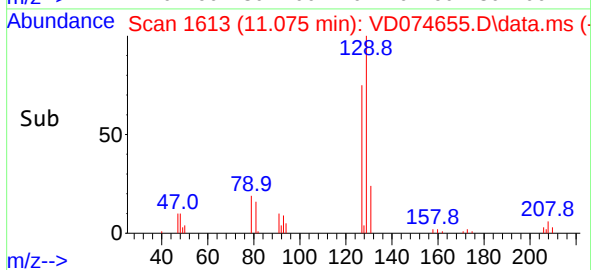
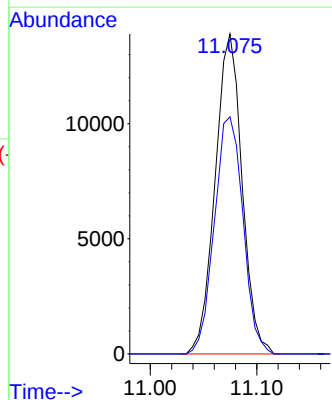
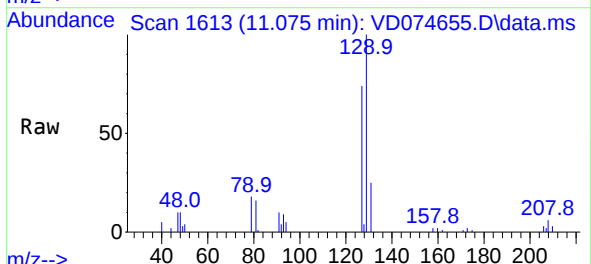
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

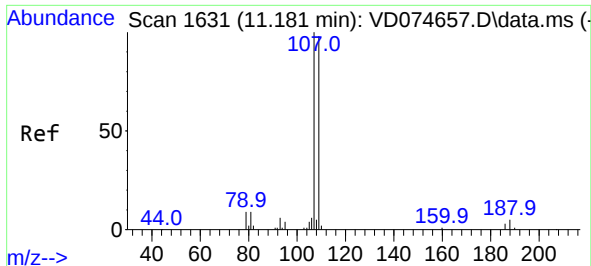
Tgt Ion: 43 Resp: 36121
Ion Ratio Lower Upper
43 100
58 62.8 32.0 96.2



#60
Dibromochloromethane
Concen: 19.708 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 129 Resp: 24401
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2

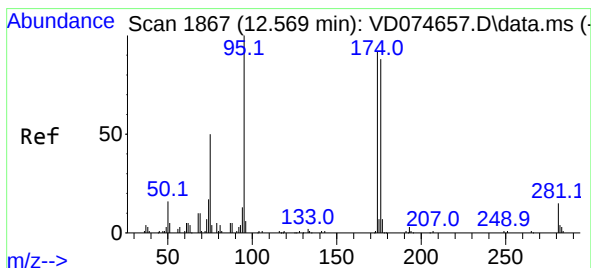
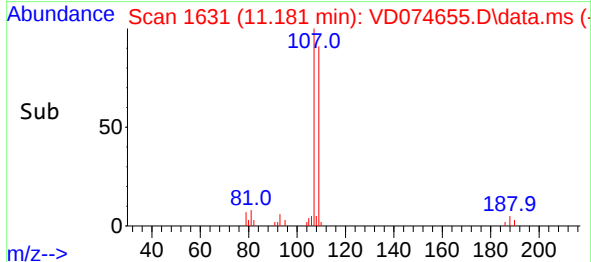
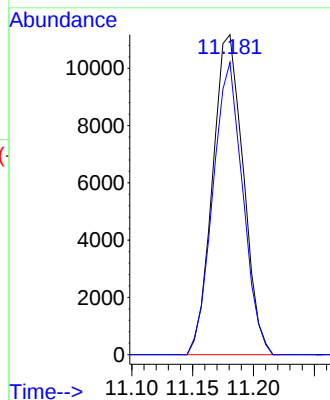
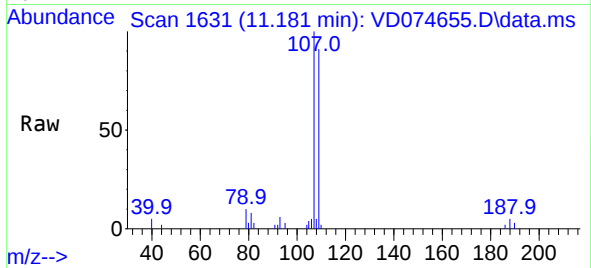




#61
1,2-Dibromoethane
Concen: 20.824 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

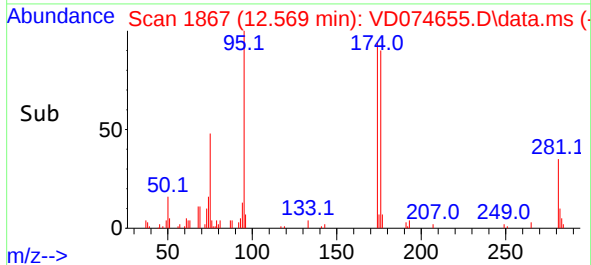
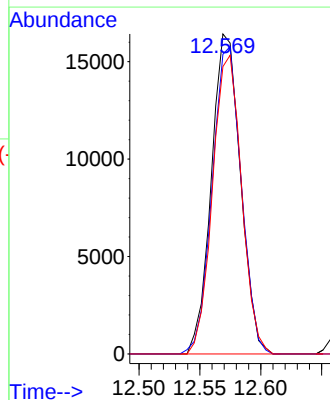
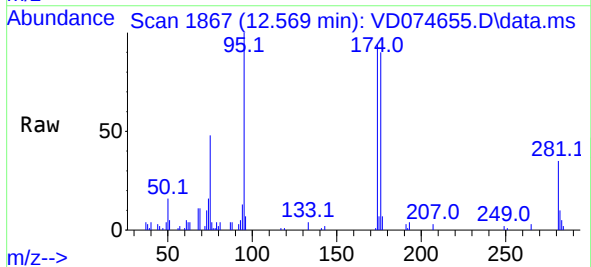
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

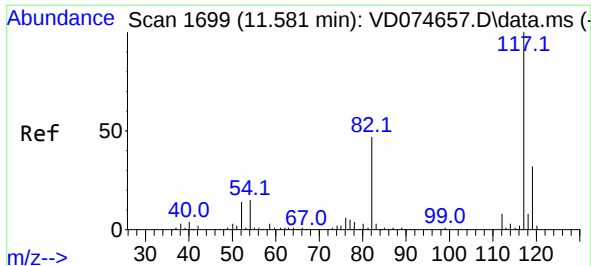
Tgt Ion:107 Resp: 19600
Ion Ratio Lower Upper
107 100
109 88.9 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 18.103 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 95 Resp: 27296
Ion Ratio Lower Upper
95 100
174 95.6 0.0 197.0
176 92.8 0.0 182.6

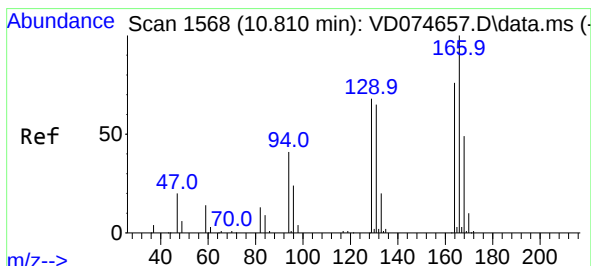
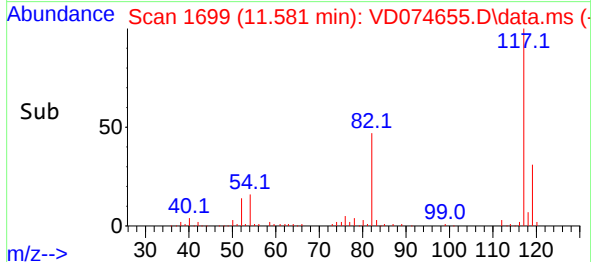
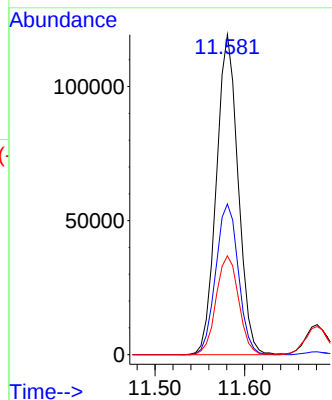
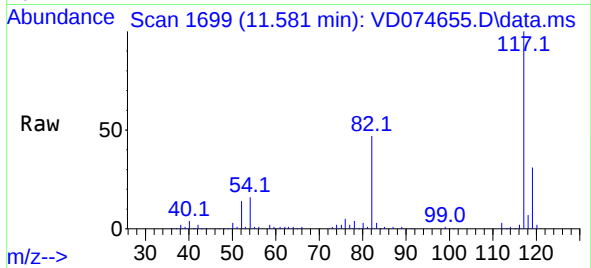




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

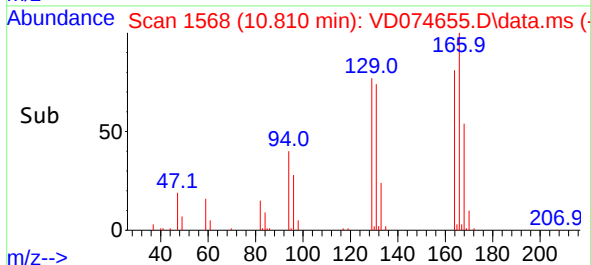
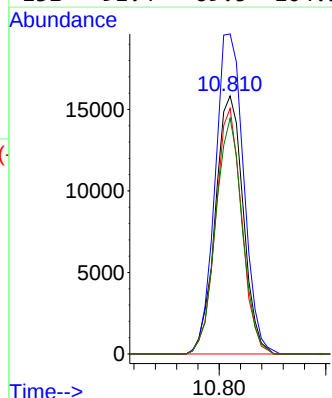
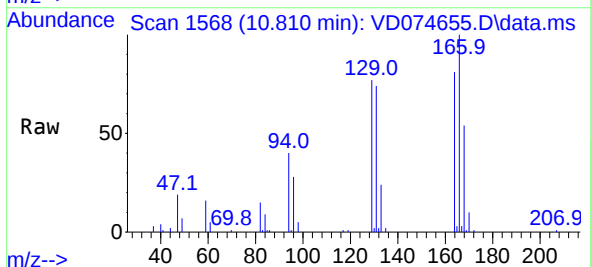
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

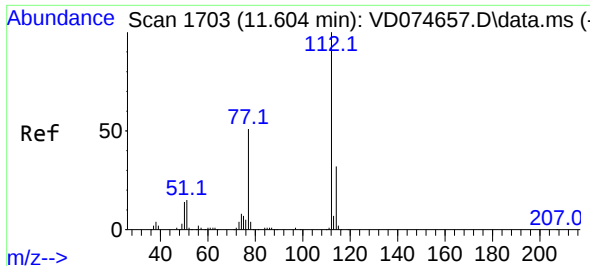
Tgt Ion:117 Resp: 200815
Ion Ratio Lower Upper
117 100
82 47.1 41.6 62.4
119 30.9 25.2 37.8



#64
Tetrachloroethene
Concen: 19.328 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion:164 Resp: 28711
Ion Ratio Lower Upper
164 100
166 124.0 107.8 161.8
129 95.2 77.4 116.2
131 91.4 69.5 104.3

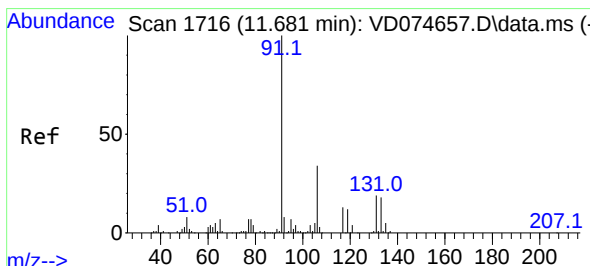
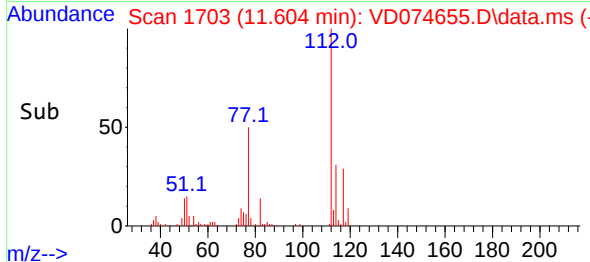
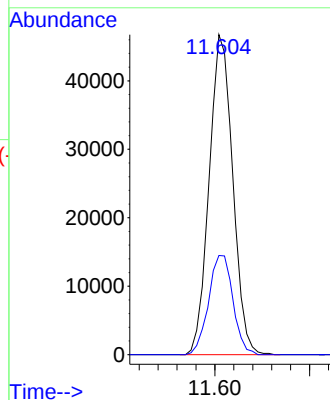
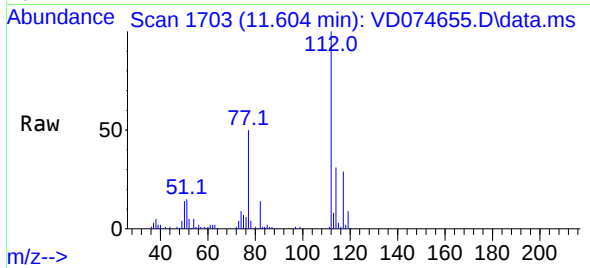




#65
Chlorobenzene
Concen: 19.206 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

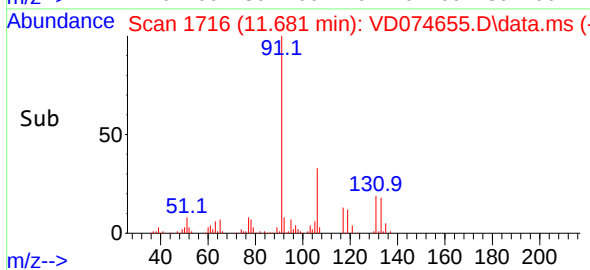
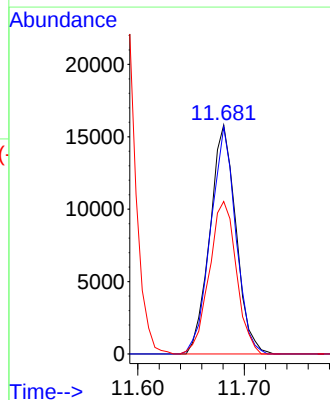
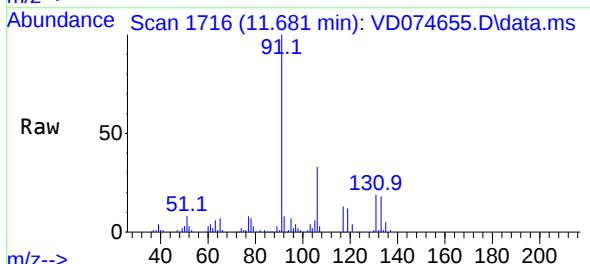
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

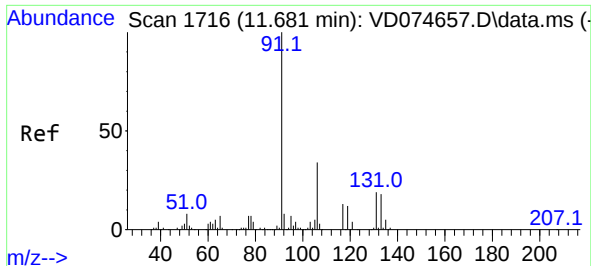
Tgt Ion:112 Resp: 80952
Ion Ratio Lower Upper
112 100
114 31.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.663 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion:131 Resp: 26921
Ion Ratio Lower Upper
131 100
133 95.6 46.6 139.8
119 69.0 32.5 97.4

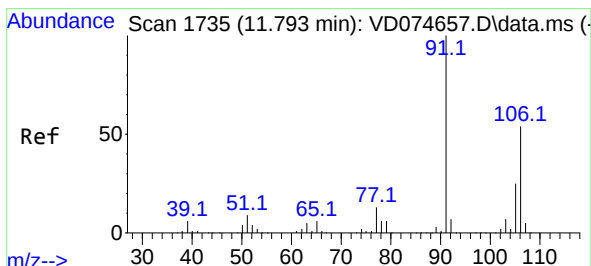
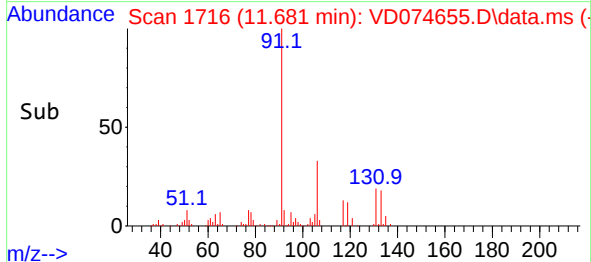
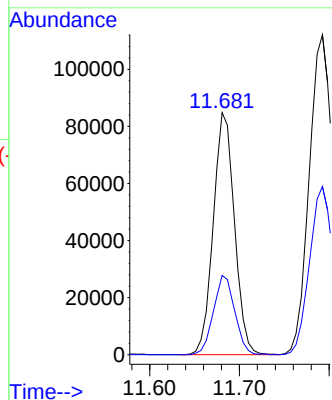
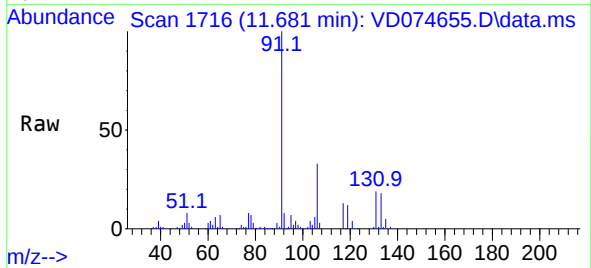




#67
Ethyl Benzene
Concen: 18.868 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

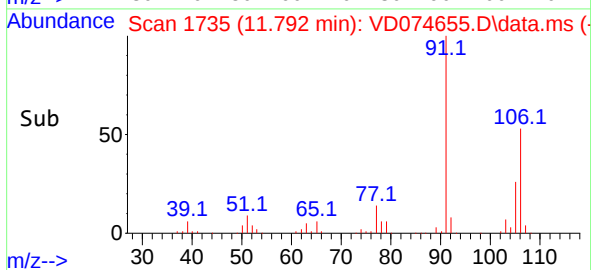
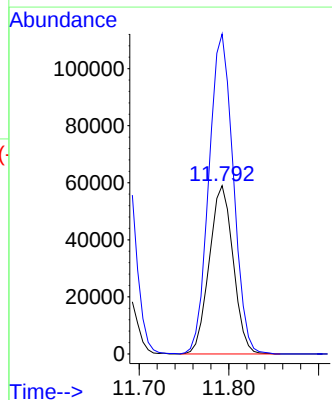
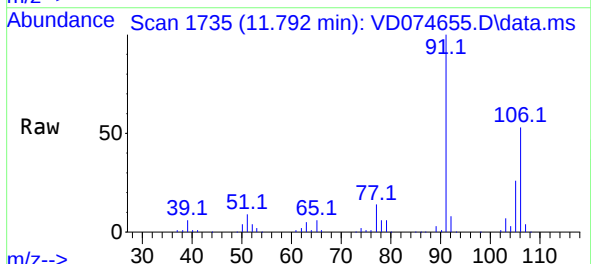
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

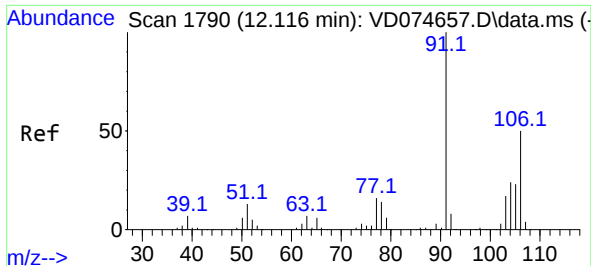
Tgt Ion: 91 Resp: 139083
Ion Ratio Lower Upper
91 100
106 32.7 26.6 40.0



#68
m/p-Xylenes
Concen: 36.955 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion:106 Resp: 109032
Ion Ratio Lower Upper
106 100
91 194.1 156.2 234.4

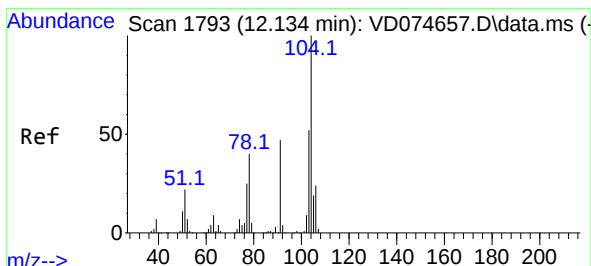
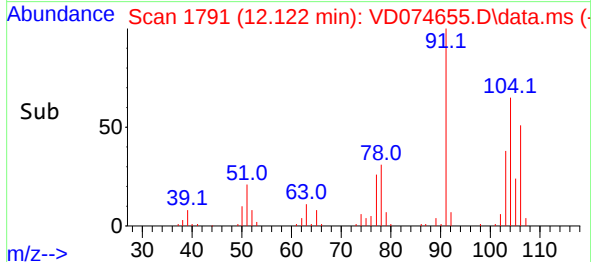
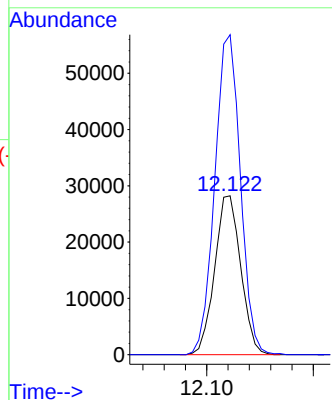
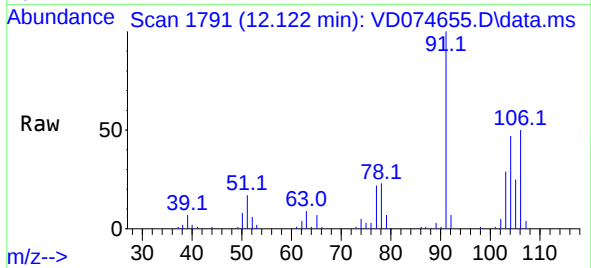




#69
o-Xylene
Concen: 17.674 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

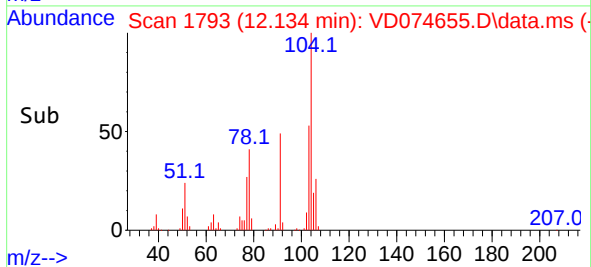
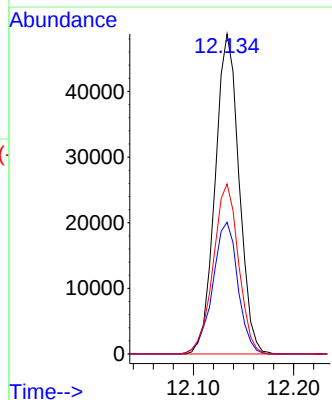
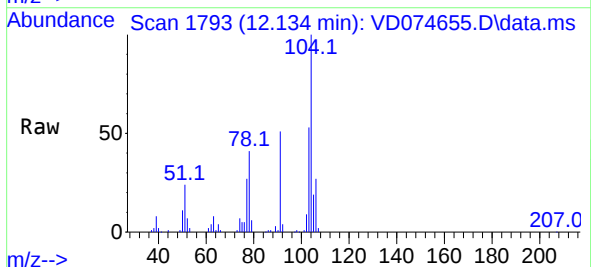
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

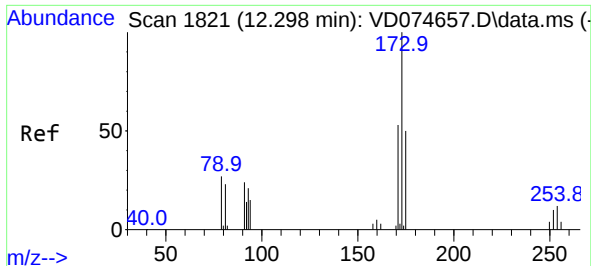
Tgt Ion:106 Resp: 47929
Ion Ratio Lower Upper
106 100
91 197.7 104.5 313.3



#70
Styrene
Concen: 17.720 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion:104 Resp: 80830
Ion Ratio Lower Upper
104 100
78 43.3 35.7 53.5
103 56.2 43.7 65.5

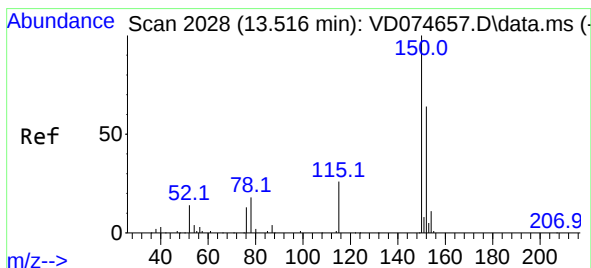
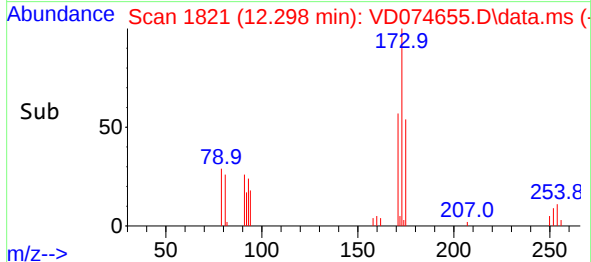
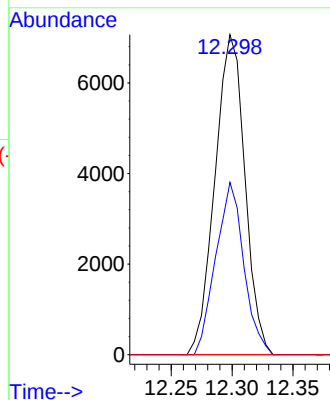
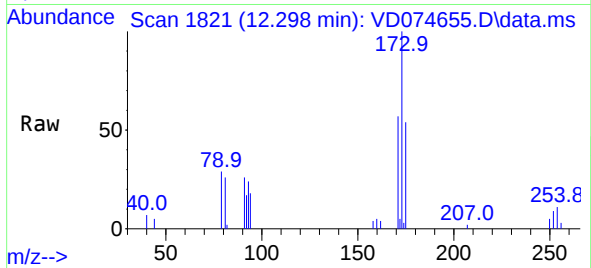




#71
Bromoform
Concen: 16.023 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

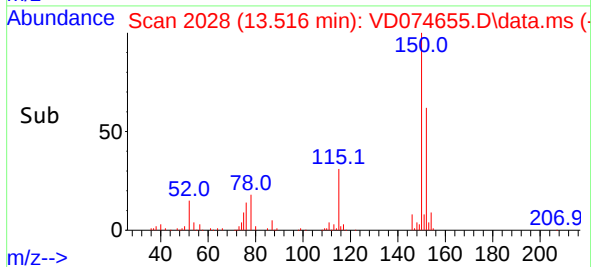
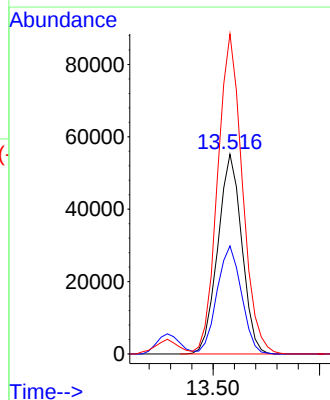
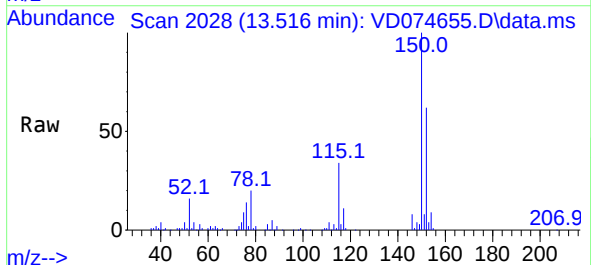
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

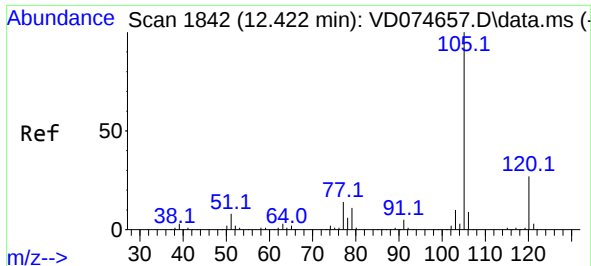
Tgt Ion:	173	Resp:	12091
Ion	Ratio	Lower	Upper
173	100		
175	50.4	23.1	69.3
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion:	152	Resp:	86336
Ion	Ratio	Lower	Upper
152	100		
115	55.2	26.8	80.4
150	164.9	0.0	348.2

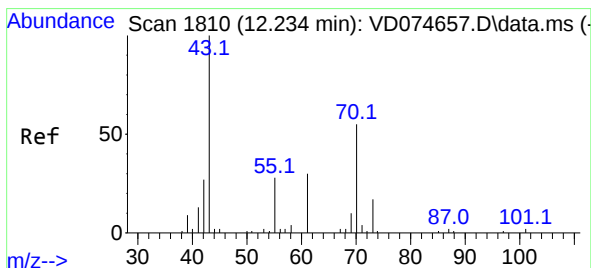
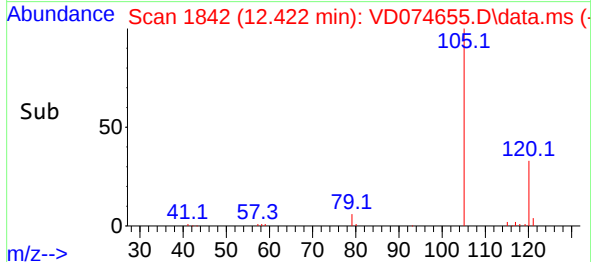
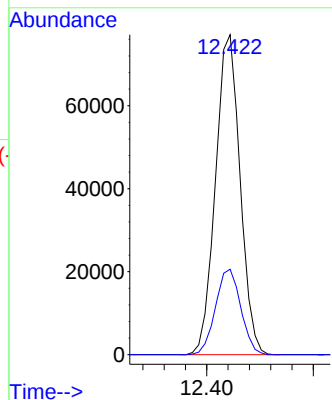
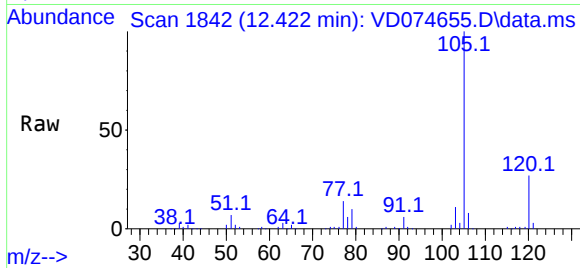




#73
Isopropylbenzene
Concen: 18.479 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

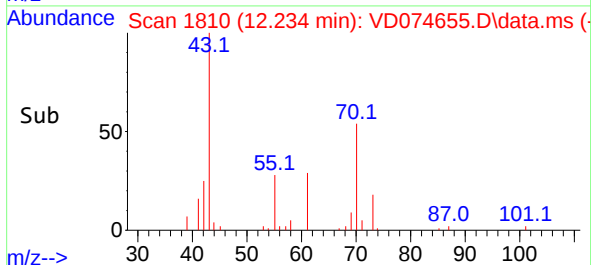
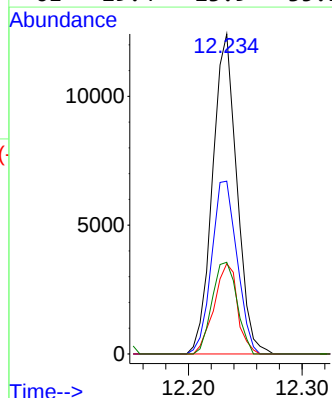
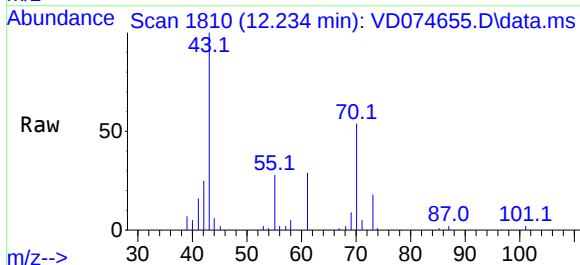
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

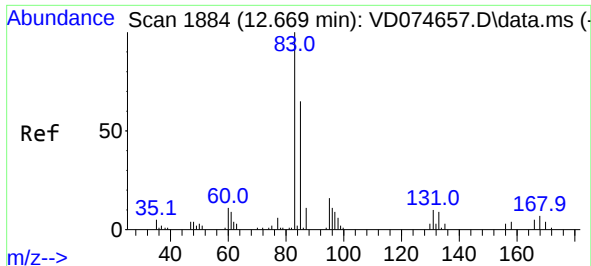
Tgt Ion:105 Resp: 123450
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.4



#74
N-ethyl acetate
Concen: 18.654 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 43 Resp: 18487
Ion Ratio Lower Upper
43 100
70 56.5 43.8 65.6
55 27.1 22.0 33.0
61 29.4 23.9 35.9

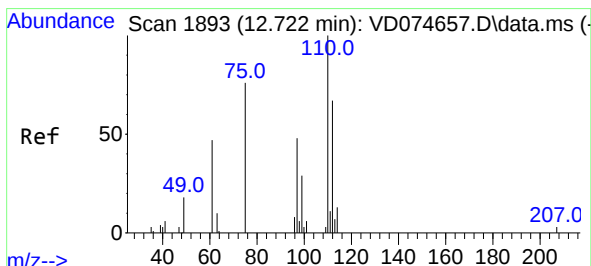
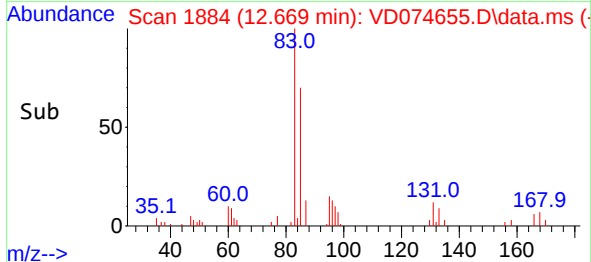
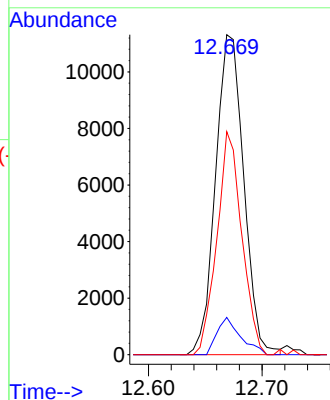
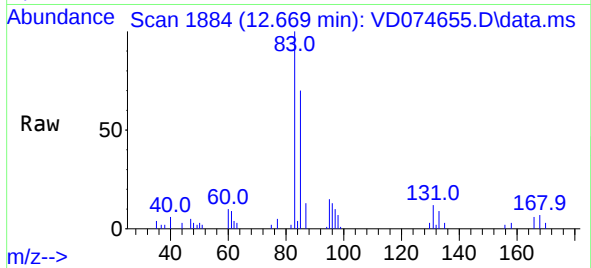




#75
1,1,2,2-Tetrachloroethane
Concen: 18.469 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

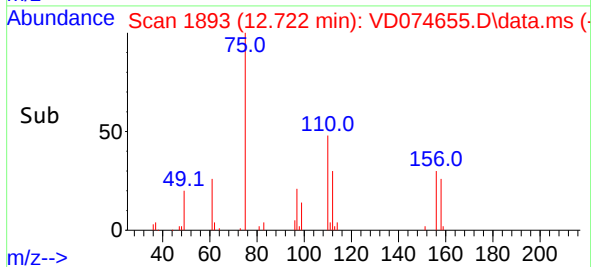
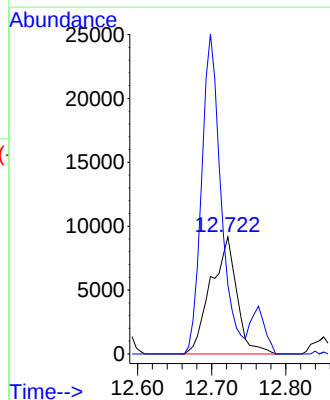
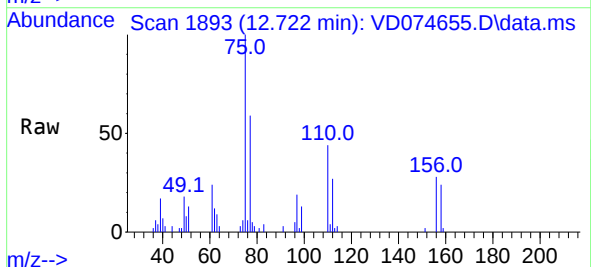
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

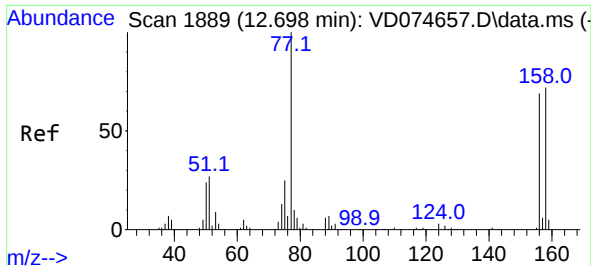
Tgt Ion: 83 Resp: 19541
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.1
85 61.5 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 30.292 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 75 Resp: 22349
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

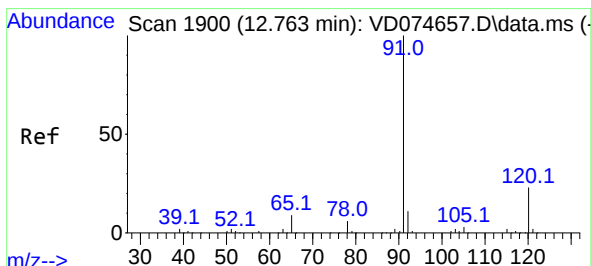
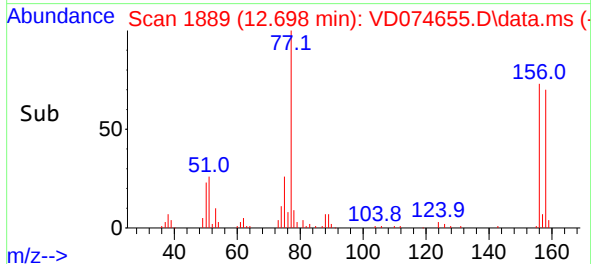
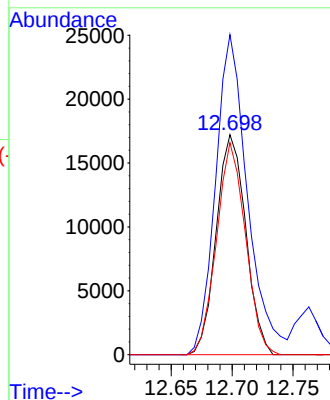
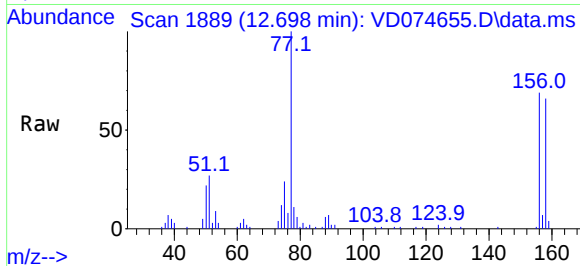




#77
Bromobenzene
Concen: 19.228 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

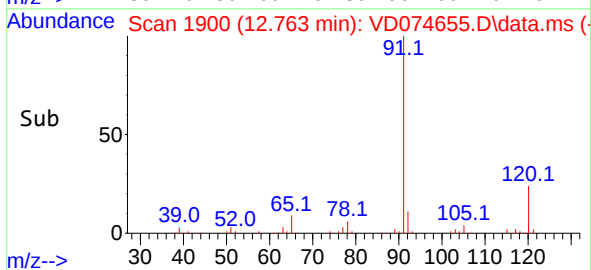
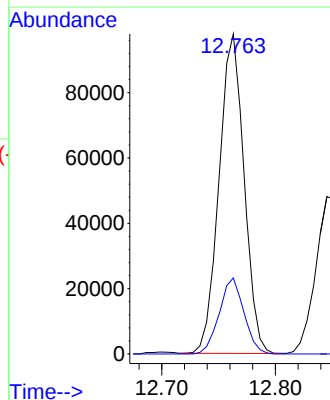
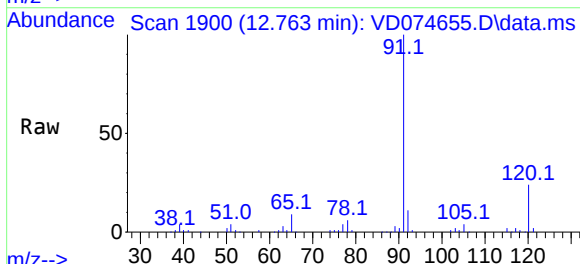
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

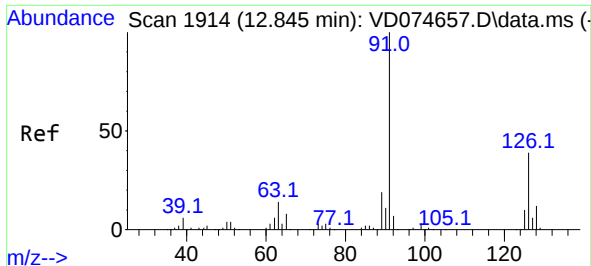
Tgt Ion:156 Resp: 29006
Ion Ratio Lower Upper
156 100
77 157.3 77.7 233.1
158 94.6 49.4 148.2



#78
n-propylbenzene
Concen: 18.835 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 91 Resp: 149544
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.7





#79

2-Chlorotoluene

Concen: 18.931 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VD074655.D

Acq: 27 Oct 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

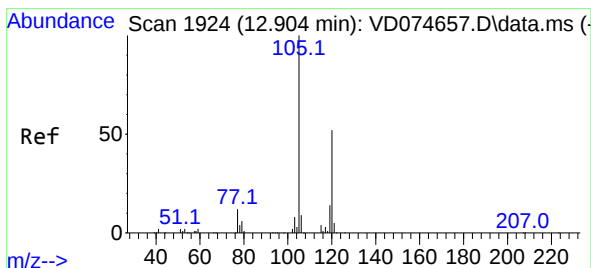
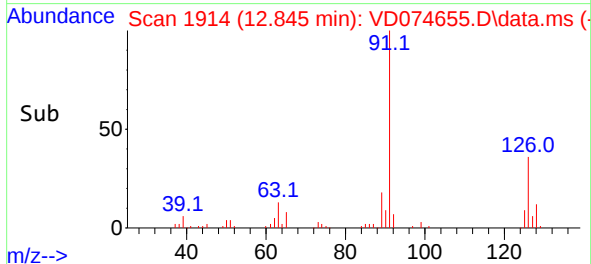
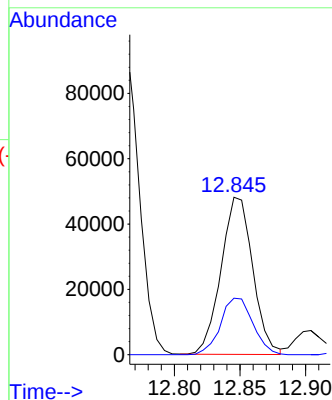
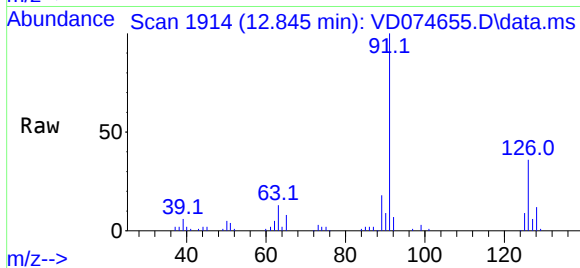
VSTDICC020

Tgt Ion: 91 Resp: 81083

Ion Ratio Lower Upper

91 100

126 36.7 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 19.226 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD074655.D

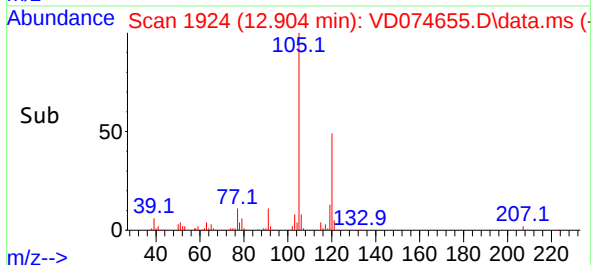
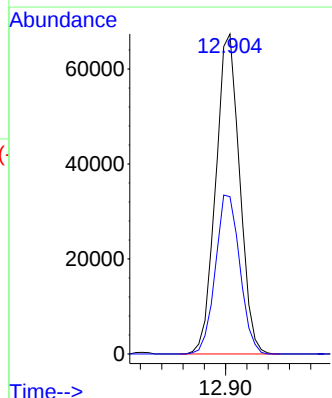
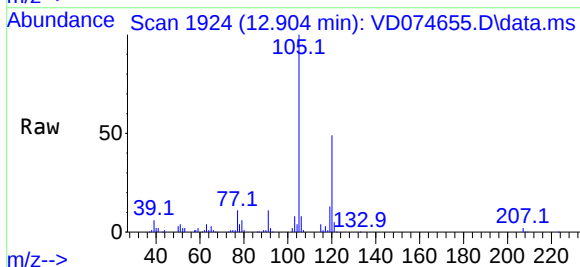
Acq: 27 Oct 2022 13:54

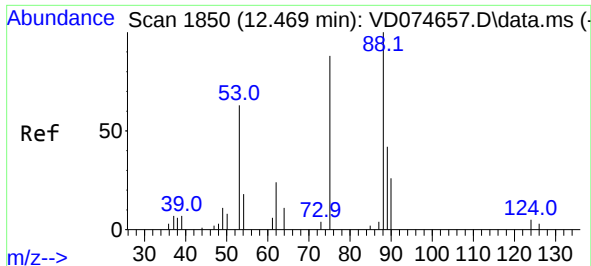
Tgt Ion: 105 Resp: 104927

Ion Ratio Lower Upper

105 100

120 50.8 25.7 77.0

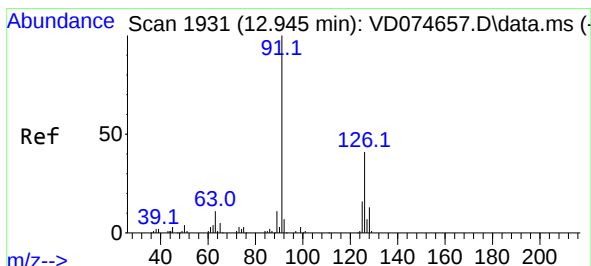
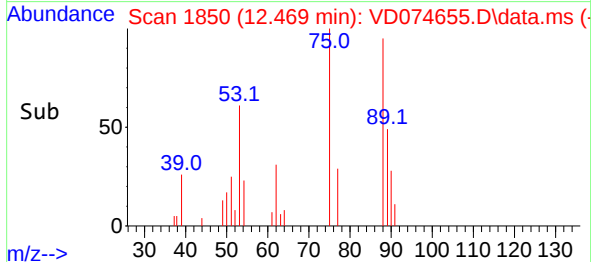
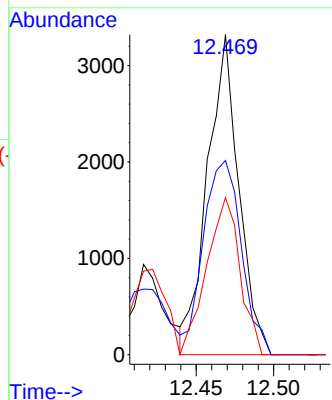
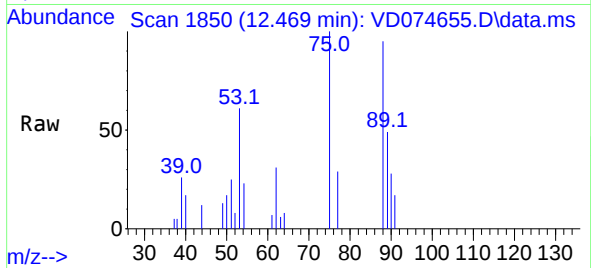




#81
trans-1,4-Dichloro-2-butene
Concen: 15.952 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

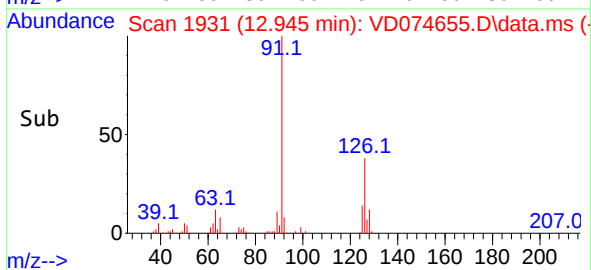
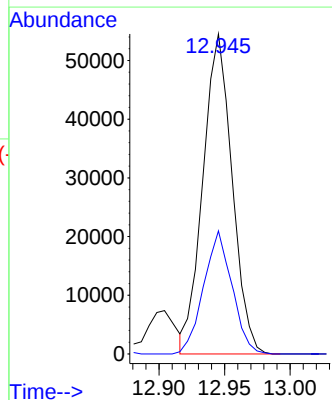
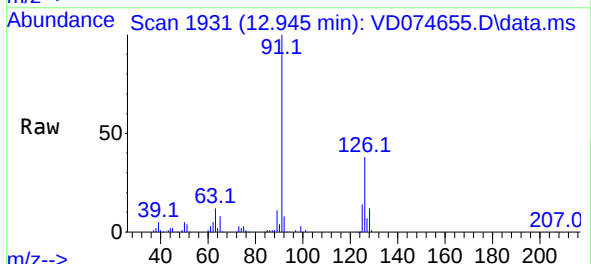
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

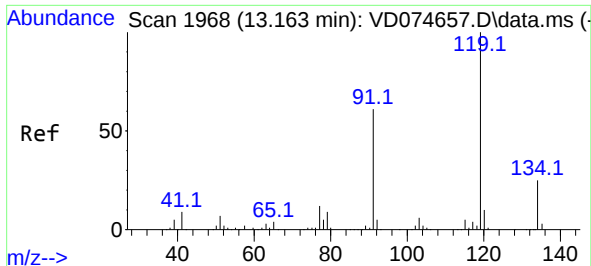
Tgt Ion: 75 Resp: 4661
Ion Ratio Lower Upper
75 100
53 73.8 63.8 95.6
89 52.3 38.2 57.4



#82
4-Chlorotoluene
Concen: 19.109 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion: 91 Resp: 84494
Ion Ratio Lower Upper
91 100
126 37.4 18.8 56.4

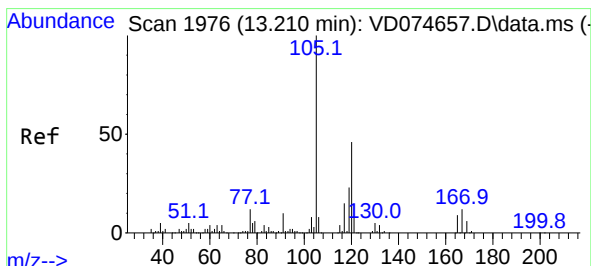
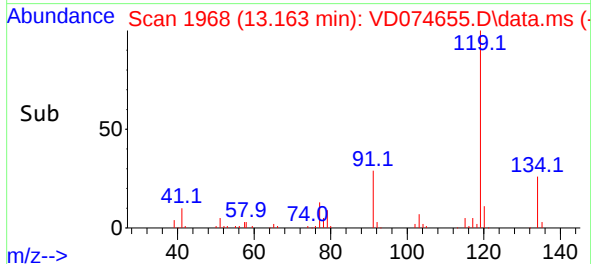
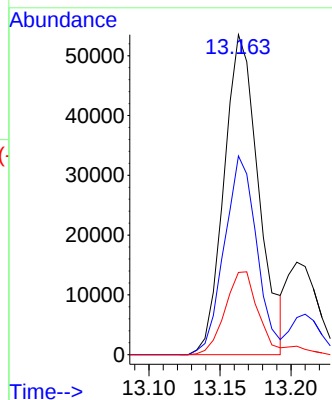
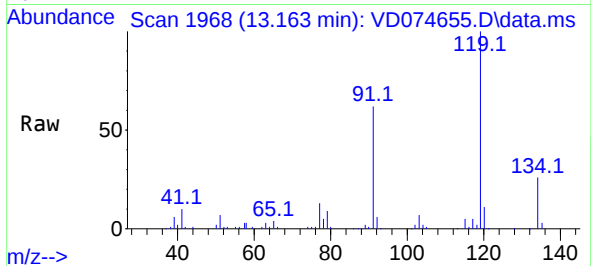




#83
tert-Butylbenzene
Concen: 18.685 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

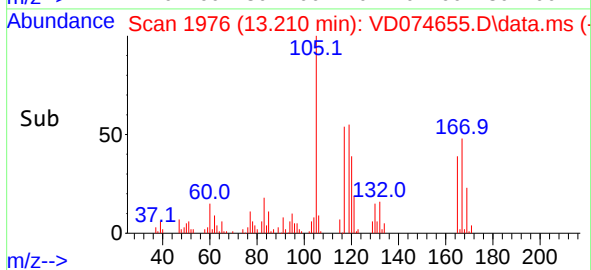
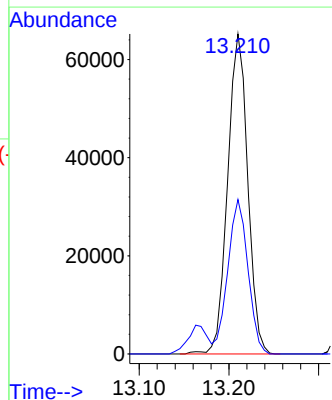
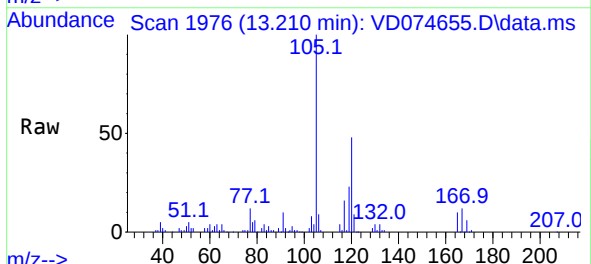
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

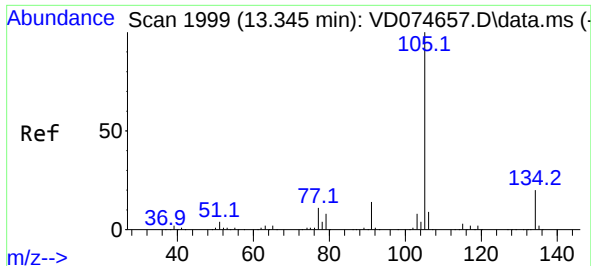
Tgt Ion:119 Resp: 90898
Ion Ratio Lower Upper
119 100
91 58.3 30.0 90.0
134 26.3 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 18.913 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion:105 Resp: 101324
Ion Ratio Lower Upper
105 100
120 48.4 22.9 68.7

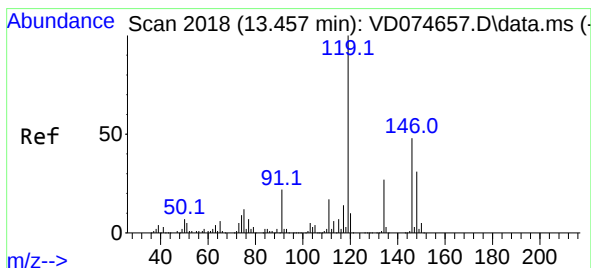
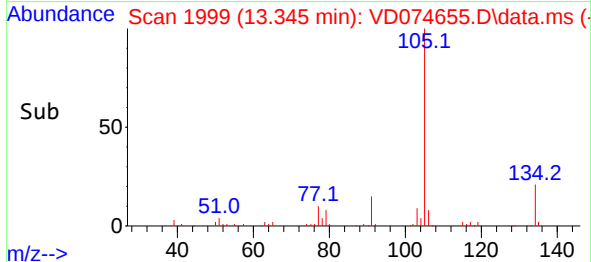
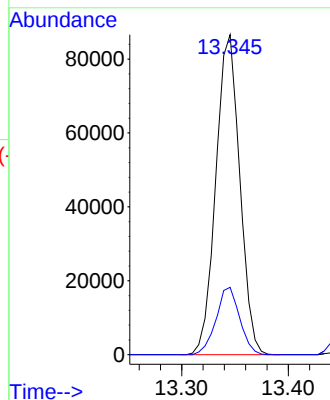
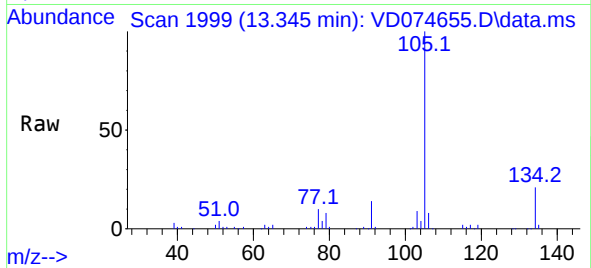




#85
 sec-Butylbenzene
 Concen: 18.577 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD074655.D
 Acq: 27 Oct 2022 13:54

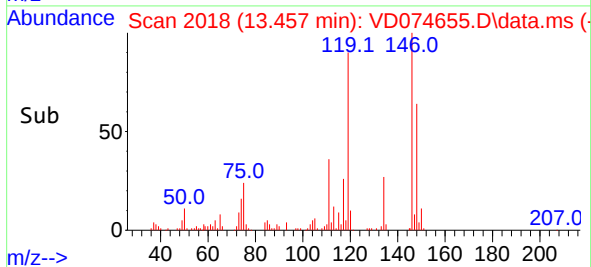
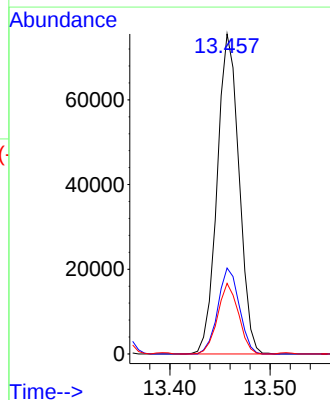
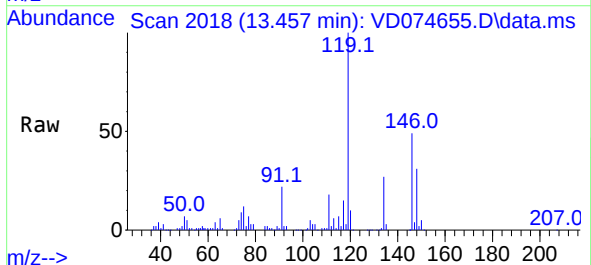
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

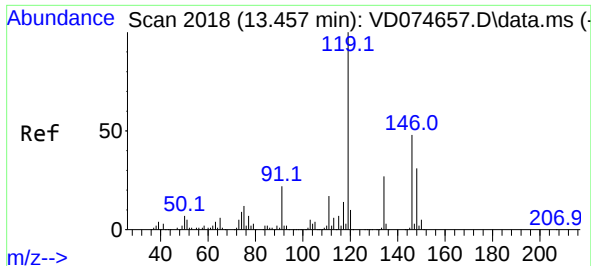
Tgt Ion:105 Resp: 134985
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 18.743 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD074655.D
 Acq: 27 Oct 2022 13:54

Tgt Ion:119 Resp: 114239
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 21.0 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 18.981 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD074655.D

Acq: 27 Oct 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

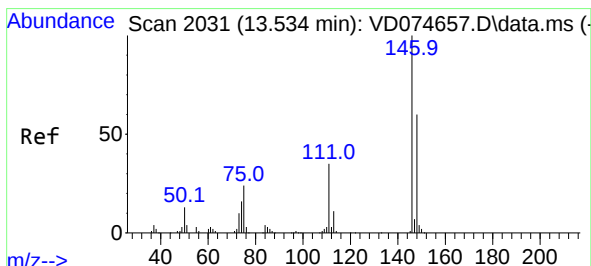
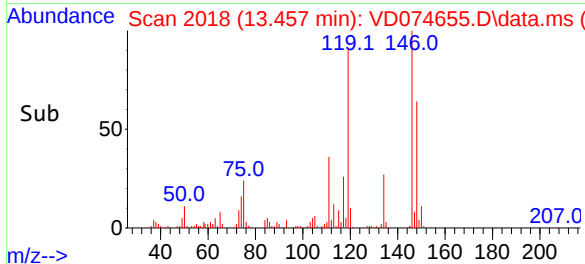
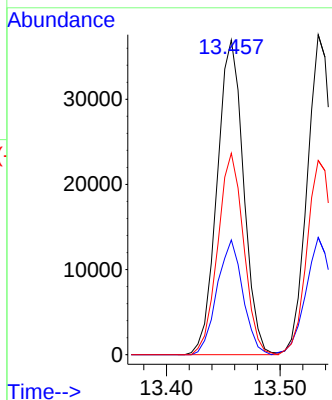
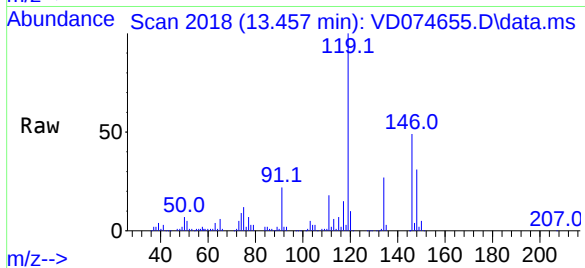
Tgt Ion:146 Resp: 59823

Ion Ratio Lower Upper

146 100

111 35.5 18.3 54.8

148 62.7 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 19.235 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD074655.D

Acq: 27 Oct 2022 13:54

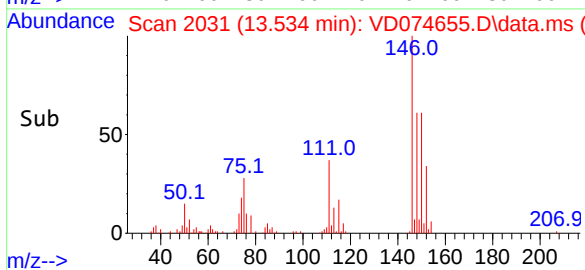
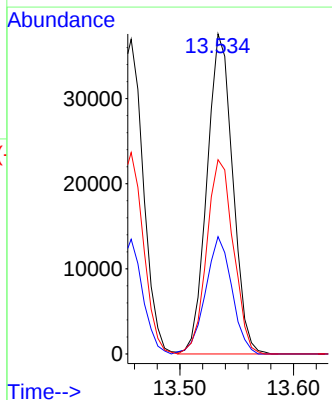
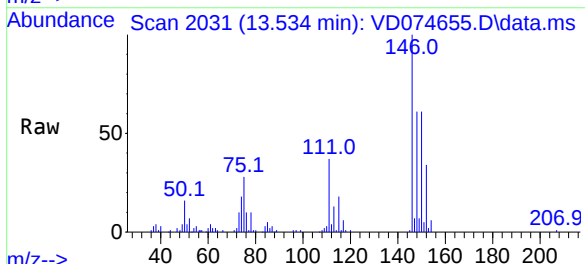
Tgt Ion:146 Resp: 59278

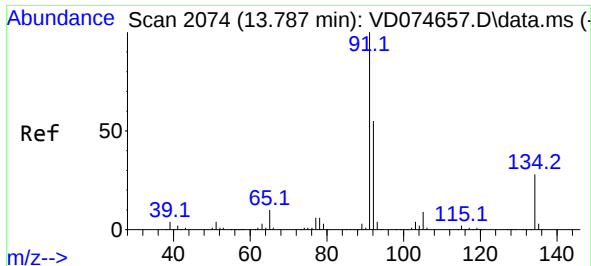
Ion Ratio Lower Upper

146 100

111 37.5 17.7 53.1

148 63.1 32.3 96.9





#89

n-Butylbenzene

Concen: 18.661 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD074655.D

Acq: 27 Oct 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

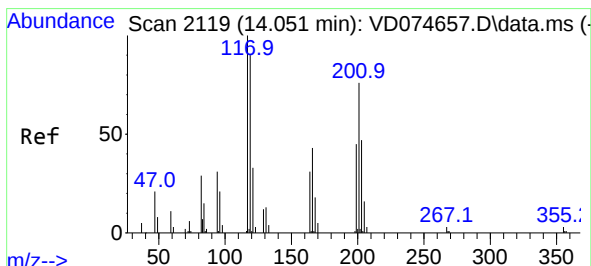
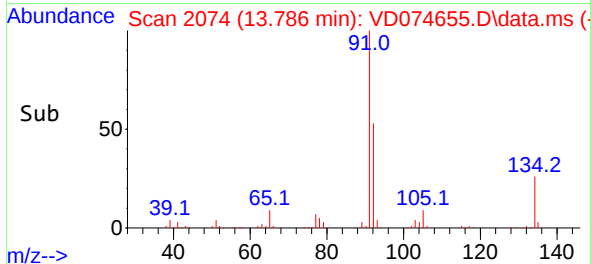
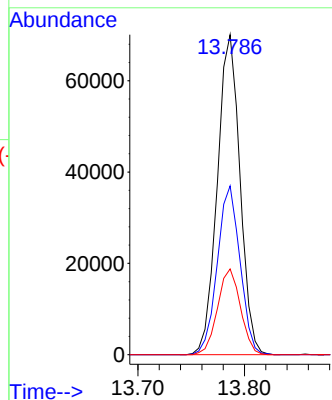
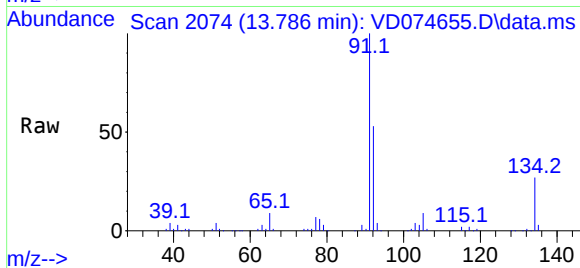
Tgt Ion: 91 Resp: 103528

Ion Ratio Lower Upper

91 100

92 52.8 26.9 80.7

134 27.1 13.4 40.2



#90

Hexachloroethane

Concen: 18.148 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD074655.D

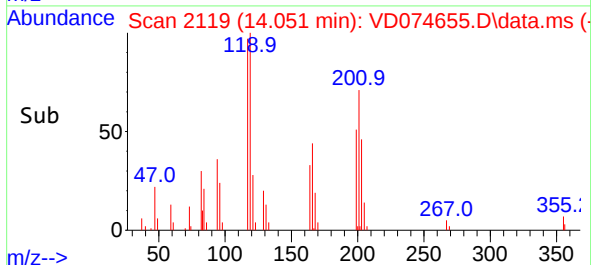
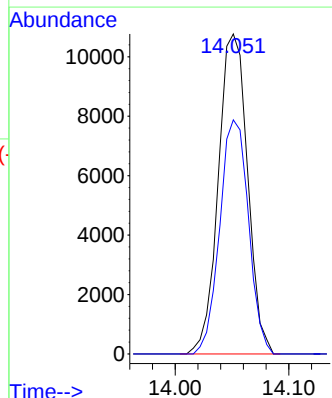
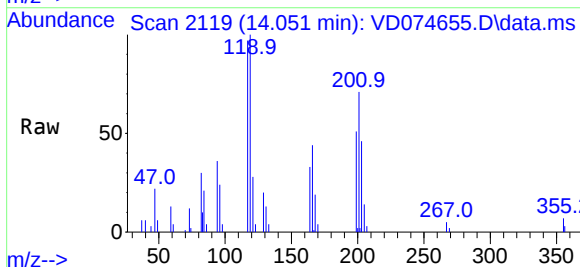
Acq: 27 Oct 2022 13:54

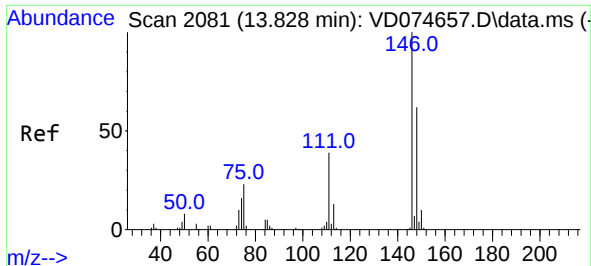
Tgt Ion: 117 Resp: 19264

Ion Ratio Lower Upper

117 100

201 71.9 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 19.098 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD074655.D

Acq: 27 Oct 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

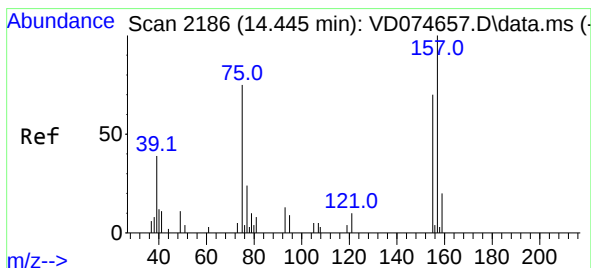
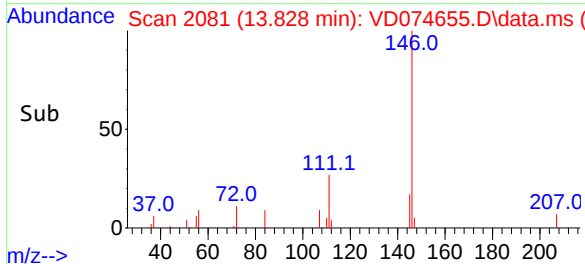
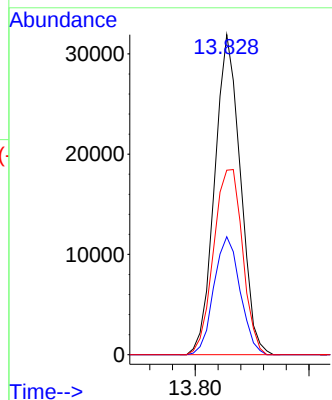
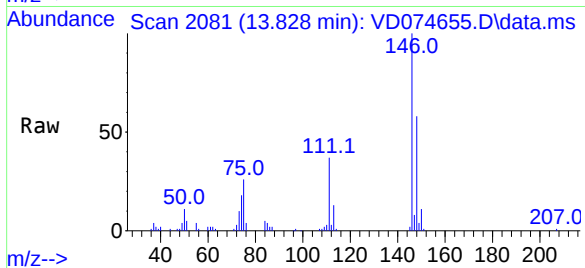
Tgt Ion:146 Resp: 50270

Ion Ratio Lower Upper

146 100

111 37.5 18.9 56.5

148 65.1 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.718 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD074655.D

Acq: 27 Oct 2022 13:54

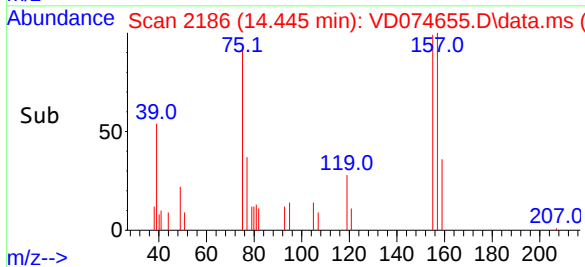
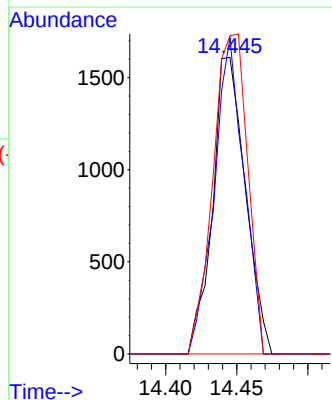
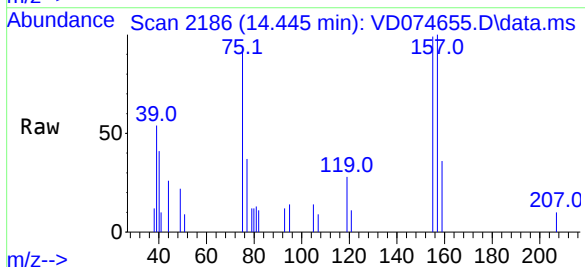
Tgt Ion: 75 Resp: 2593

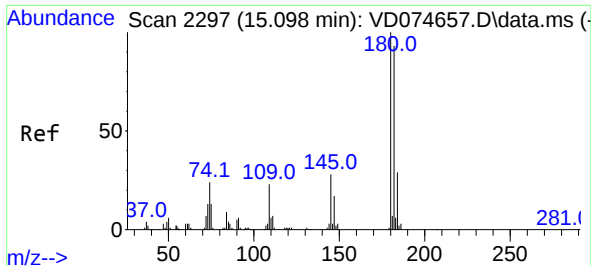
Ion Ratio Lower Upper

75 100

155 96.5 51.2 153.8

157 113.7 68.2 204.5

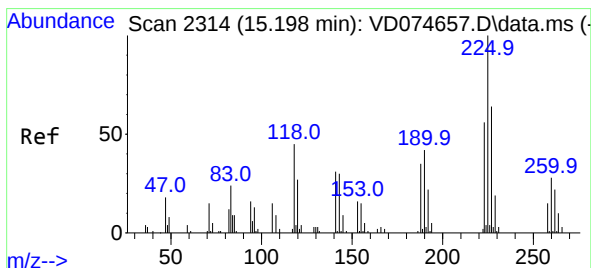
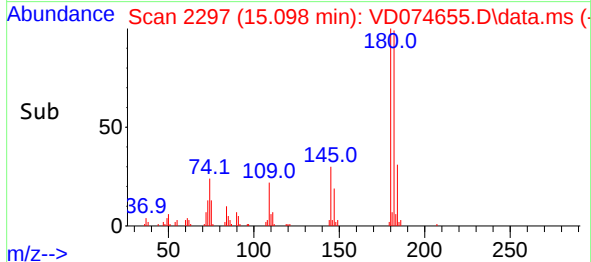
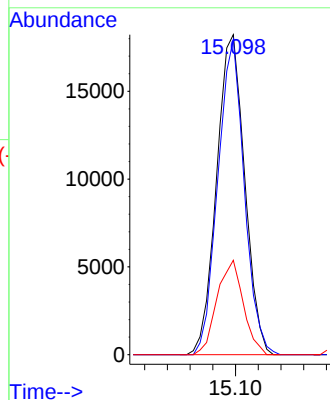
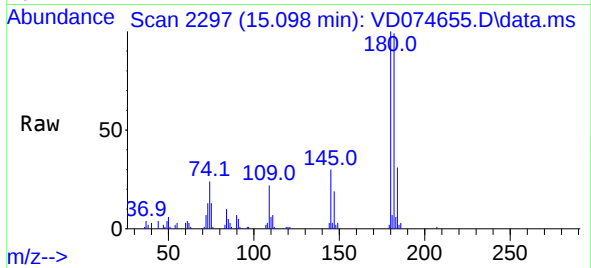




#93
1,2,4-Trichlorobenzene
Concen: 18.032 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

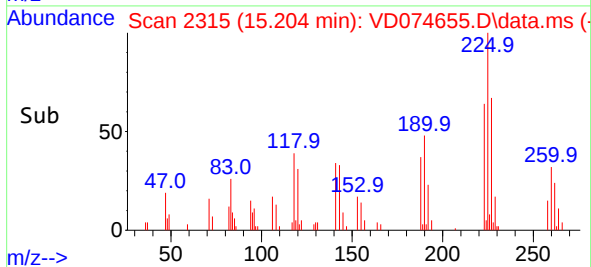
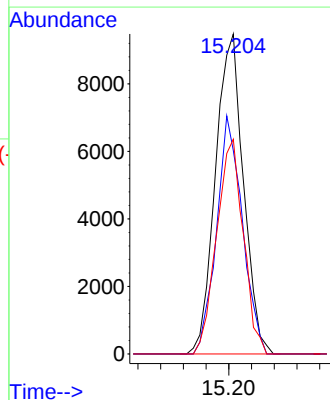
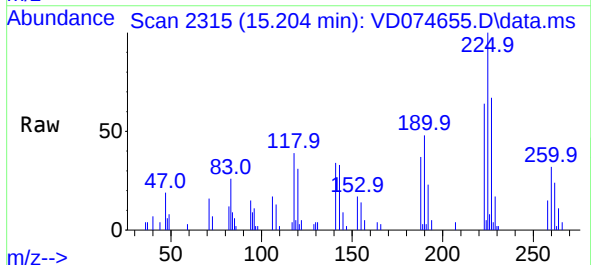
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

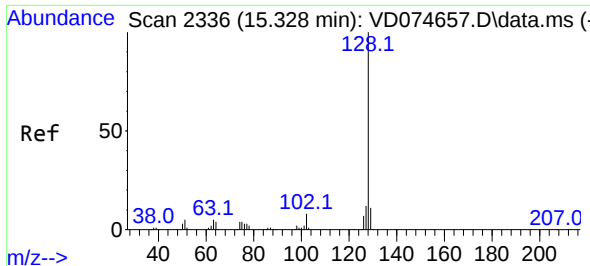
Tgt Ion:180	Resp:	31284
Ion Ratio	Lower	Upper
180	100	
182	92.5	46.9 140.6
145	27.7	14.1 42.3



#94
Hexachlorobutadiene
Concen: 17.105 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.006 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion:225	Resp:	16177
Ion Ratio	Lower	Upper
225	100	
223	68.9	31.9 95.5
227	64.0	32.6 97.8

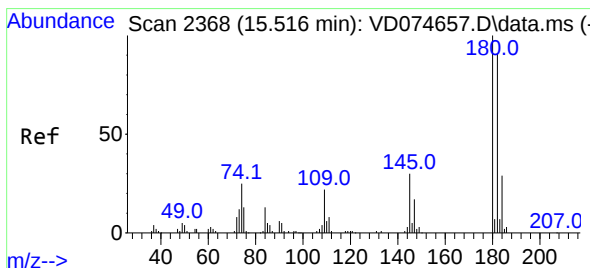
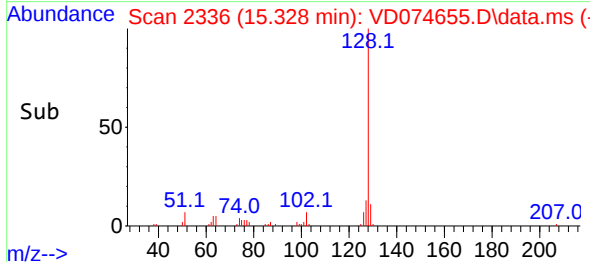
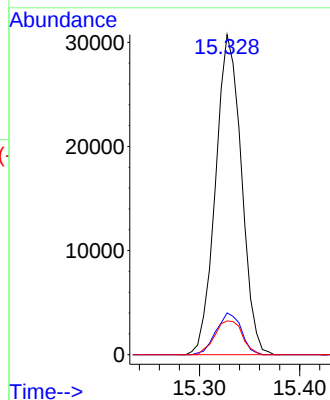
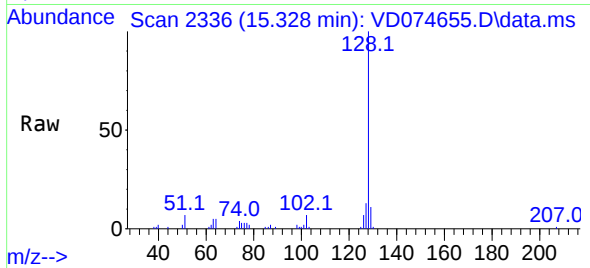




#95
Naphthalene
Concen: 16.940 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:	128	Resp:	55027
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	11.3	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 18.561 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD074655.D
Acq: 27 Oct 2022 13:54

Tgt Ion:	180	Resp:	27446
Ion Ratio	Lower	Upper	
180	100		
182	90.1	46.7	140.1
145	31.0	14.9	44.7

