

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101722\
 Data File : VD074541.D
 Acq On : 17 Oct 2022 13:35
 Operator : VA/SY
 Sample : VD1017SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1017SBS01

Quant Time: Oct 17 23:08:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	90910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	157441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	132438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	60906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41323	52.808	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.620%
35) Dibromofluoromethane	7.805	113	48724	51.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.920%
50) Toluene-d8	10.269	98	176608	49.035	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.569	95	53334	47.952	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	14690	16.713	ug/l	91
3) Chloromethane	2.146	50	22860	20.898	ug/l	95
4) Vinyl Chloride	2.281	62	21807	19.271	ug/l	98
5) Bromomethane	2.675	94	15821	19.707	ug/l	89
6) Chloroethane	2.828	64	15402	20.400	ug/l	95
7) Trichlorofluoromethane	3.170	101	32768	18.922	ug/l	95
8) Diethyl Ether	3.587	74	9987	19.212	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	21121	18.146	ug/l	97
10) Methyl Iodide	4.158	142	20057	16.710	ug/l	97
11) Tert butyl alcohol	5.046	59	9110	15.014	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	21666	18.275	ug/l	98
13) Acrolein	3.787	56	3607	90.202	ug/l	91
14) Allyl chloride	4.564	41	24418	18.919	ug/l	99
15) Acrylonitrile	5.264	53	20281	98.008	ug/l	97
16) Acetone	4.022	43	15963	94.571	ug/l	95
17) Carbon Disulfide	4.269	76	64591	18.426	ug/l	96
18) Methyl Acetate	4.558	43	10373	19.312	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	43284	19.185	ug/l	94
20) Methylene Chloride	4.793	84	28151	15.495	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	25017	19.591	ug/l	89
22) Diisopropyl ether	6.216	45	51683	20.028	ug/l	94
23) Vinyl Acetate	6.152	43	73763	65.842	ug/l	97
24) 1,1-Dichloroethane	6.105	63	37929	18.988	ug/l	97
25) 2-Butanone	7.081	43	22924	98.383	ug/l	89
26) 2,2-Dichloropropane	7.075	77	32902	18.712	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	27140	19.954	ug/l	99
28) Bromochloromethane	7.422	49	11146	21.133	ug/l	95
29) Tetrahydrofuran	7.446	42	13407	104.337	ug/l	98
30) Chloroform	7.599	83	40528	20.940	ug/l	96
31) Cyclohexane	7.875	56	33004	19.823	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	36662	20.919	ug/l	96
36) 1,1-Dichloropropene	8.005	75	31903	21.114	ug/l	98
37) Ethyl Acetate	7.175	43	9795	19.751	ug/l #	78
38) Carbon Tetrachloride	7.993	117	29062	20.802	ug/l	95
39) Methylcyclohexane	9.275	83	38803	20.517	ug/l	97
40) Benzene	8.252	78	93250	20.735	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	5424	19.062	ug/l	# 93
42) 1,2-Dichloroethane	8.328	62	21333	20.075	ug/l	99
43) Isopropyl Acetate	8.357	43	18581	20.392	ug/l	99
44) Trichloroethene	9.028	130	26596	20.673	ug/l	97
45) 1,2-Dichloropropane	9.305	63	21312	20.801	ug/l	98
46) Dibromomethane	9.399	93	11991	20.829	ug/l	96
47) Bromodichloromethane	9.587	83	29473	20.711	ug/l	99
48) Methyl methacrylate	9.381	41	7720	17.508	ug/l	92
49) 1,4-Dioxane	9.387	88	2415	403.804	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	43781	97.122	ug/l	94
52) Toluene	10.334	92	56805	19.986	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	23373	18.838	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	30117	19.219	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	14910	19.321	ug/l	# 84
56) Ethyl methacrylate	10.593	69	16999	19.109	ug/l	96
57) 1,3-Dichloropropane	10.881	76	24873	19.272	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.875	63	13843	93.427	ug/l	99
59) 2-Hexanone	10.916	43	29785	98.705	ug/l	97
60) Dibromochloromethane	11.069	129	18132	19.534	ug/l	98
61) 1,2-Dibromoethane	11.181	107	13825	19.254	ug/l	97
64) Tetrachloroethene	10.810	164	20543	20.715	ug/l	96
65) Chlorobenzene	11.604	112	60814	21.392	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	20262	21.005	ug/l	99
67) Ethyl Benzene	11.681	91	105792	20.994	ug/l	99
68) m/p-Xylenes	11.793	106	84612	42.110	ug/l	99
69) o-Xylene	12.122	106	39449	21.101	ug/l	96
70) Styrene	12.134	104	68226	21.596	ug/l	99
71) Bromoform	12.298	173	9995	20.341	ug/l	# 92
73) Isopropylbenzene	12.416	105	103989	21.224	ug/l	99
74) N-amyl acetate	12.228	43	15784	20.569	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	16544	21.346	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	19307	37.092	ug/l	# 1
77) Bromobenzene	12.698	156	23951	21.607	ug/l	98
78) n-propylbenzene	12.763	91	129234	21.802	ug/l	99
79) 2-Chlorotoluene	12.845	91	67956	21.359	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	86457	21.711	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	4042	19.698	ug/l	97
82) 4-Chlorotoluene	12.945	91	70681	22.134	ug/l	99
83) tert-Butylbenzene	13.163	119	77744	22.296	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	86599	21.953	ug/l	100
85) sec-Butylbenzene	13.345	105	113935	21.444	ug/l	97
86) p-Isopropyltoluene	13.457	119	96223	21.811	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	49417	21.760	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	48117	21.350	ug/l	99
89) n-Butylbenzene	13.787	91	86319	20.946	ug/l	99
90) Hexachloroethane	14.051	117	17119	21.978	ug/l	89
91) 1,2-Dichlorobenzene	13.828	146	42065	21.713	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	2380	22.462	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	28073	21.976	ug/l	99
94) Hexachlorobutadiene	15.198	225	14870	22.389	ug/l	97
95) Naphthalene	15.328	128	49770	20.630	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	24027	22.034	ug/l	99

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Quant Time: Oct 17 23:08:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 12 13:14:00 2022
Response via : Initial Calibration

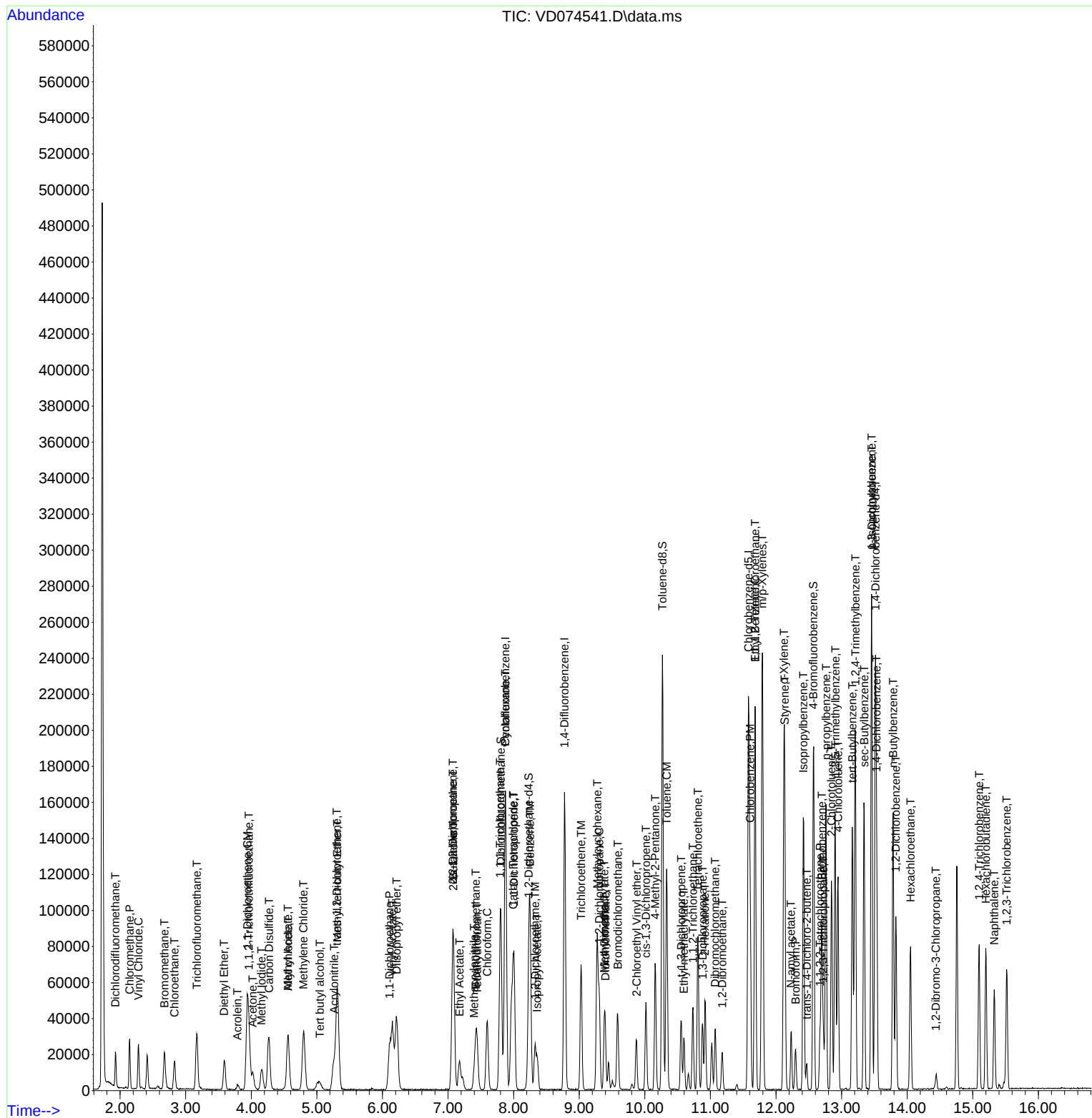
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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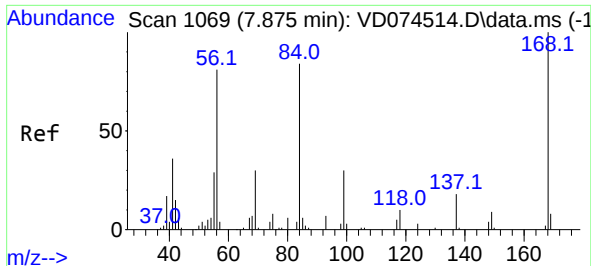
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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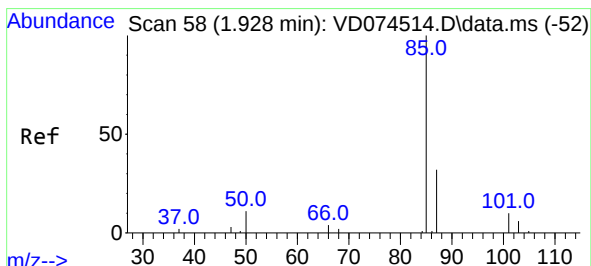
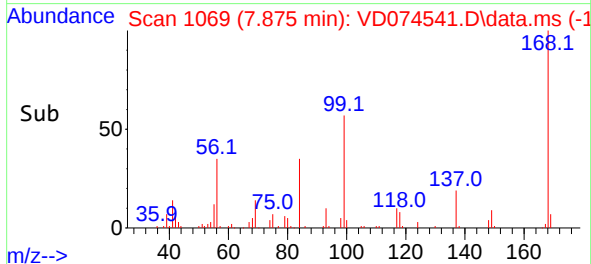
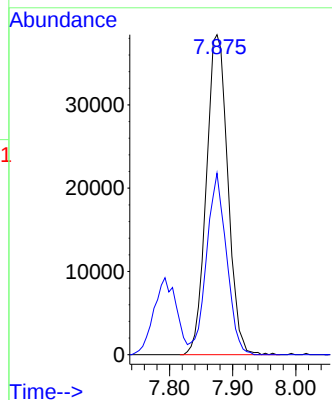
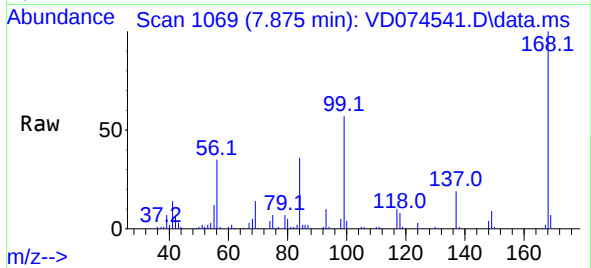




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

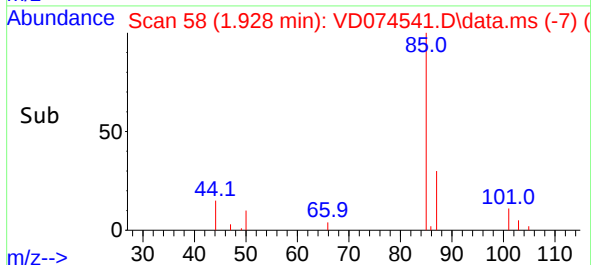
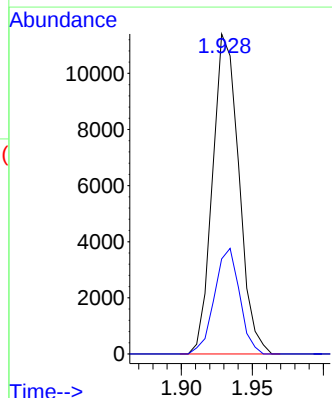
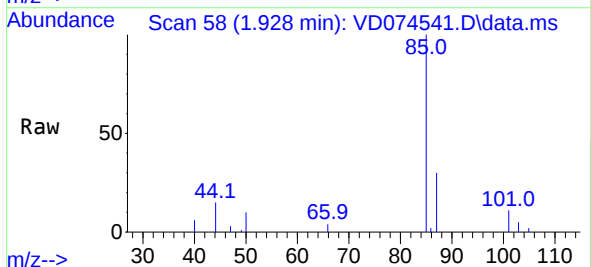
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

Tgt Ion:168 Resp: 90910
Ion Ratio Lower Upper
168 100
99 56.7 40.9 61.3

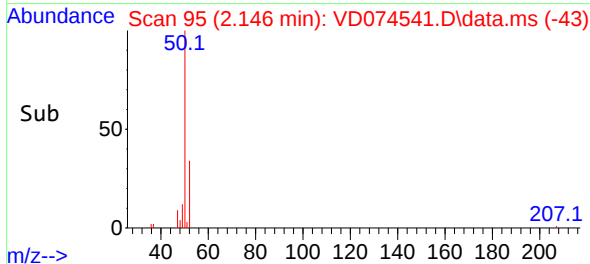
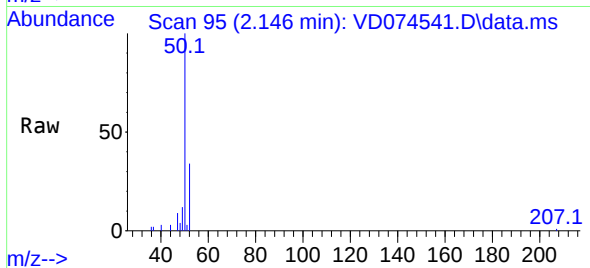
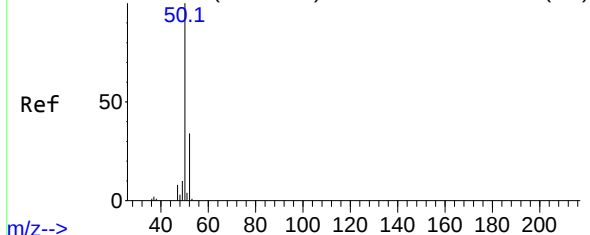


#2
Dichlorodifluoromethane
Concen: 16.713 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 85 Resp: 14690
Ion Ratio Lower Upper
85 100
87 29.7 17.5 52.6



Abundance Scan 95 (2.146 min): VD074514.D\data.ms (-89)



#3

Chloromethane

Concen: 20.898 ug/l

RT: 2.146 min Scan# 95

Delta R.T. 0.006 min

Lab File: VD074541.D

Acq: 17 Oct 2022 13:35

Instrument :

MSVOA_D

ClientSampleId :

VD1017SBS01

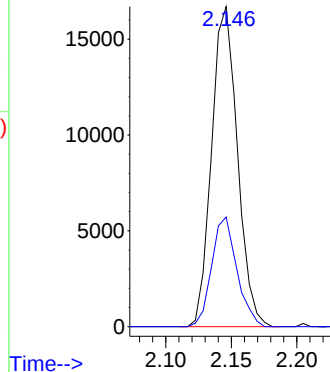
Tgt Ion: 50 Resp: 22860

Ion Ratio Lower Upper

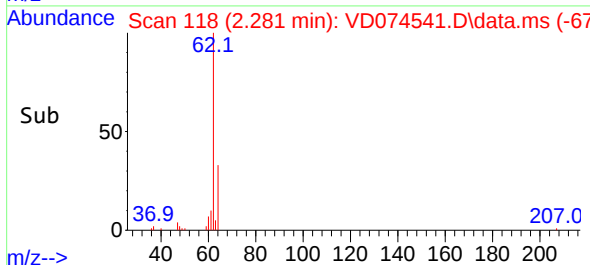
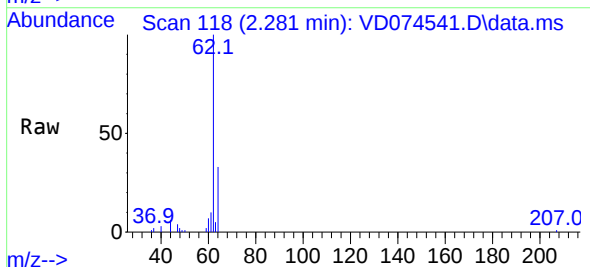
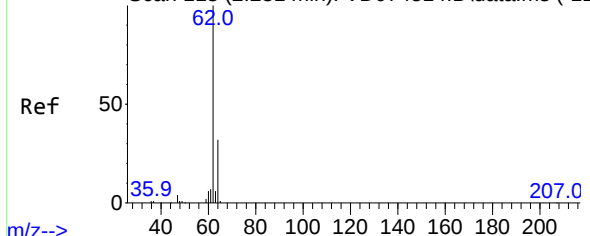
50 100

52 34.2 30.0 45.0

Abundance



Abundance Scan 118 (2.281 min): VD074514.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 19.271 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD074541.D

Acq: 17 Oct 2022 13:35

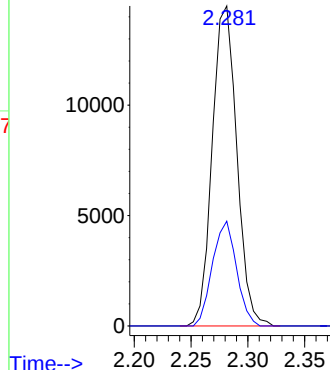
Tgt Ion: 62 Resp: 21807

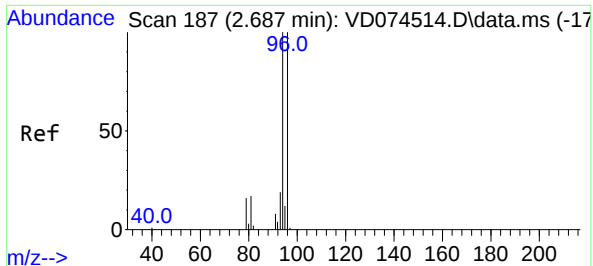
Ion Ratio Lower Upper

62 100

64 32.8 25.5 38.3

Abundance

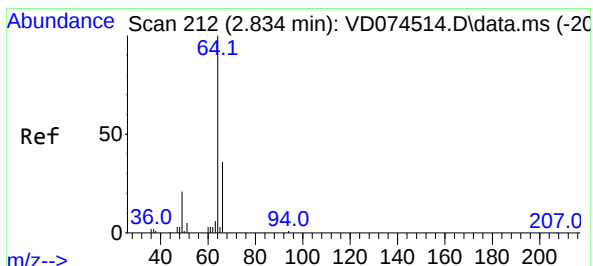
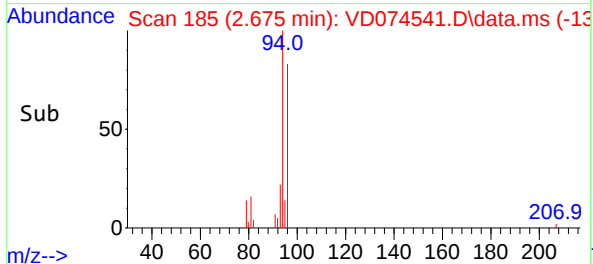
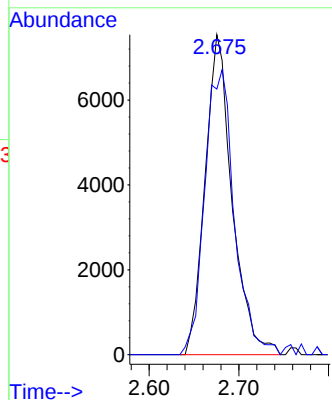
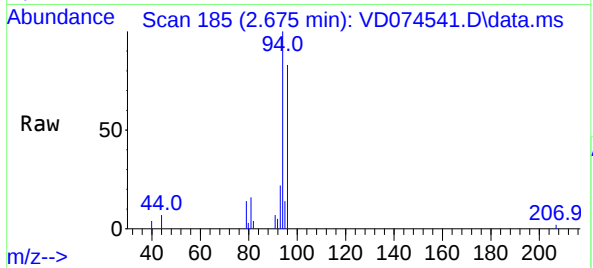




#5
Bromomethane
Concen: 19.707 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

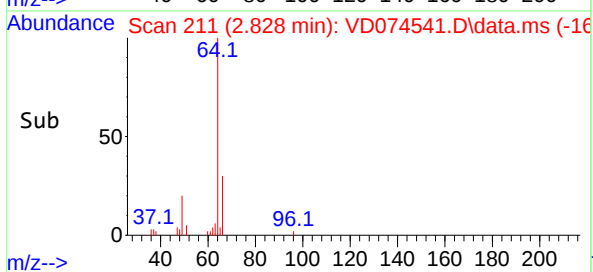
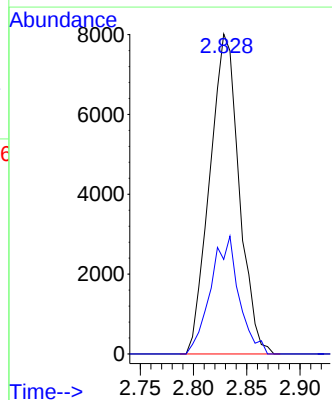
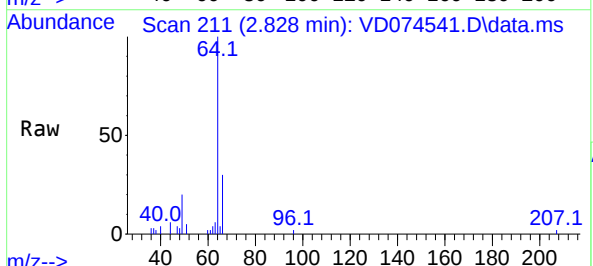
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

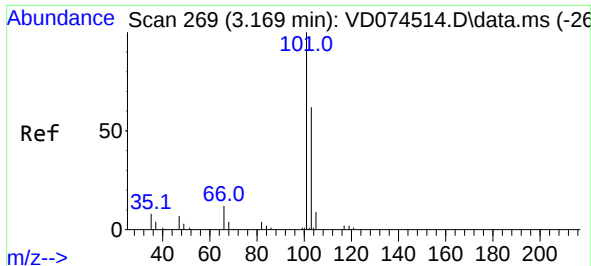
Tgt Ion: 94 Resp: 15821
Ion Ratio Lower Upper
94 100
96 83.0 74.6 112.0



#6
Chloroethane
Concen: 20.400 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 64 Resp: 15402
Ion Ratio Lower Upper
64 100
66 29.6 25.8 38.8

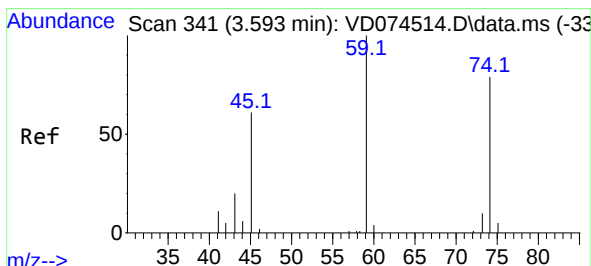
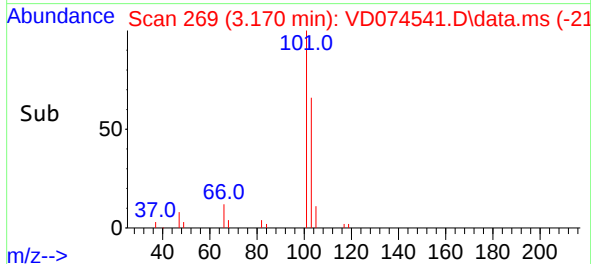
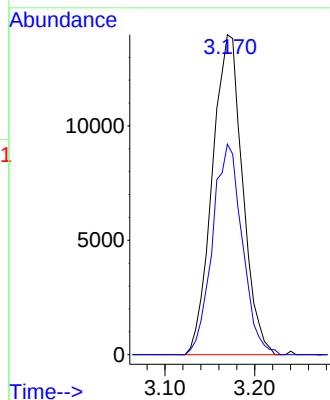
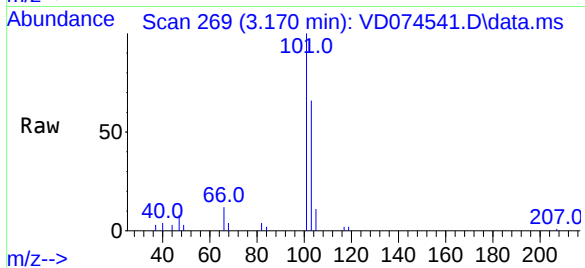




#7
 Trichlorofluoromethane
 Concen: 18.922 ug/l
 RT: 3.170 min Scan# 20
 Delta R.T. 0.001 min
 Lab File: VD074541.D
 Acq: 17 Oct 2022 13:35

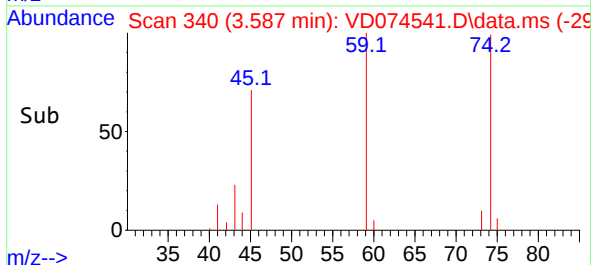
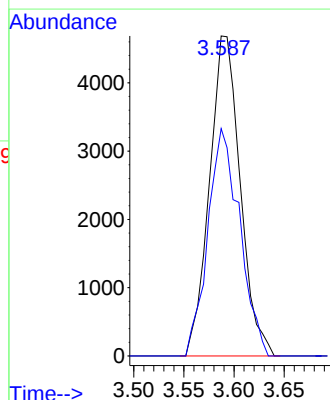
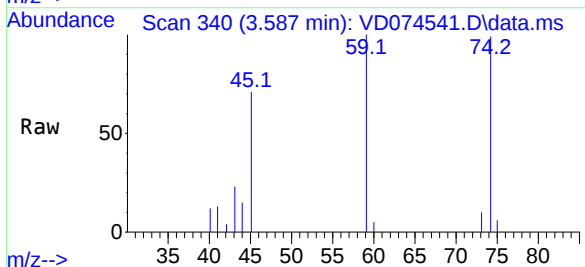
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1017SBS01

Tgt Ion:101 Resp: 32768
 Ion Ratio Lower Upper
 101 100
 103 65.8 49.8 74.8

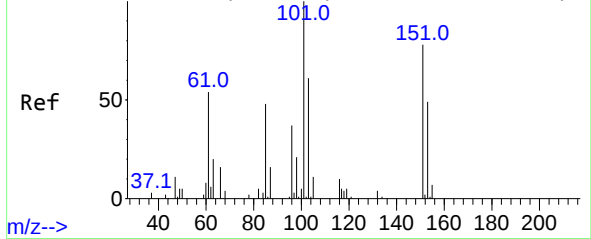


#8
 Diethyl Ether
 Concen: 19.212 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD074541.D
 Acq: 17 Oct 2022 13:35

Tgt Ion: 74 Resp: 9987
 Ion Ratio Lower Upper
 74 100
 45 73.6 37.9 113.6



Abundance Scan 404 (3.964 min): VD074514.D\data.ms (-39



#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.146 ug/l

RT: 3.964 min Scan# 404

Delta R.T. 0.001 min

Lab File: VD074541.D

Acq: 17 Oct 2022 13:35

Instrument :

MSVOA_D

ClientSampleId :

VD1017SBS01

Tgt Ion:101 Resp: 21121

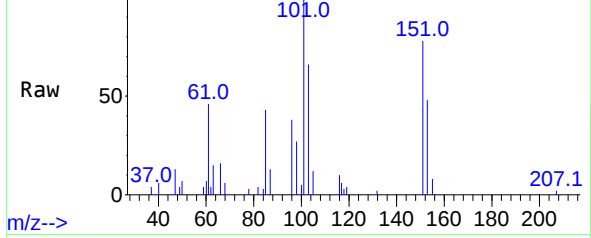
Ion Ratio Lower Upper

101 100

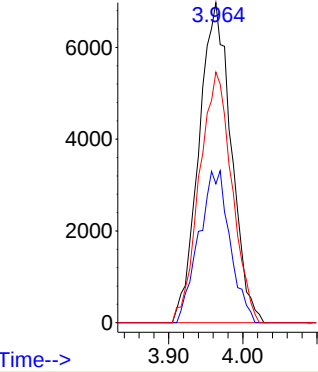
85 45.8 34.1 51.1

151 78.9 61.7 92.5

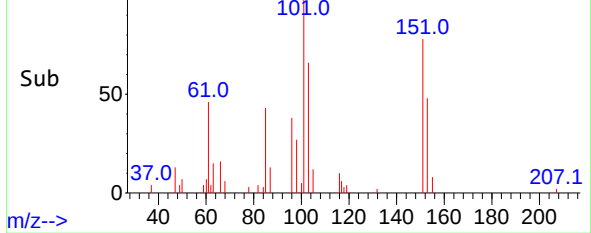
Abundance Scan 404 (3.964 min): VD074541.D\data.ms



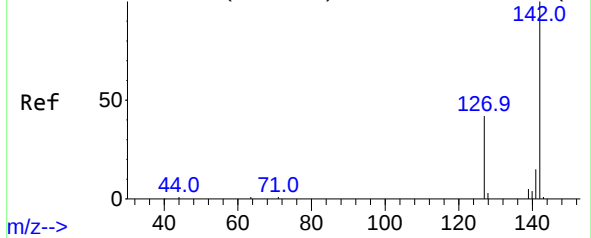
Abundance



Abundance Scan 404 (3.964 min): VD074541.D\data.ms (-35



Abundance Scan 437 (4.158 min): VD074514.D\data.ms (-42



#10

Methyl Iodide

Concen: 16.710 ug/l

RT: 4.158 min Scan# 437

Delta R.T. -0.000 min

Lab File: VD074541.D

Acq: 17 Oct 2022 13:35

Tgt Ion:142 Resp: 20057

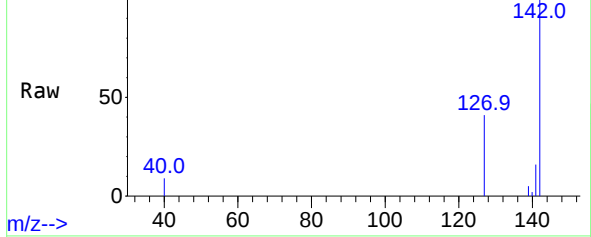
Ion Ratio Lower Upper

142 100

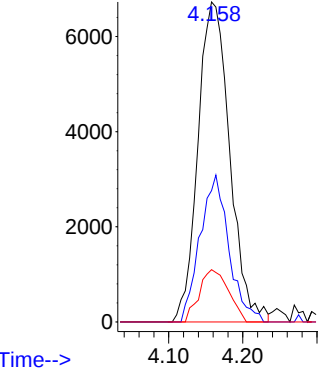
127 41.7 31.9 47.9

141 15.0 11.4 17.2

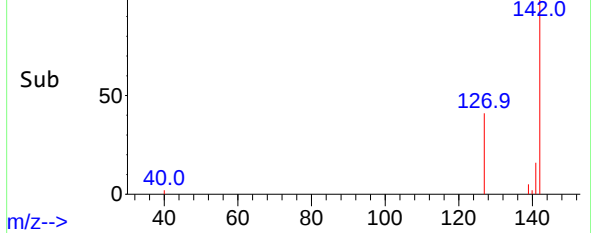
Abundance Scan 437 (4.158 min): VD074541.D\data.ms

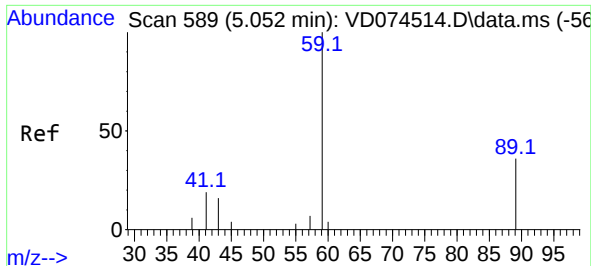


Abundance



Abundance Scan 437 (4.158 min): VD074541.D\data.ms (-38

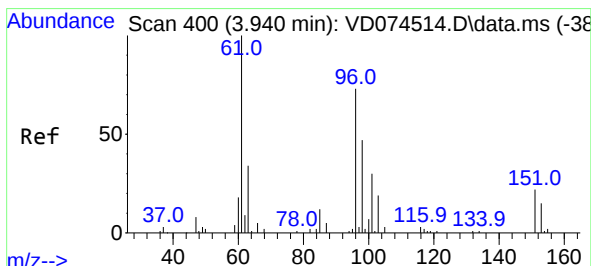
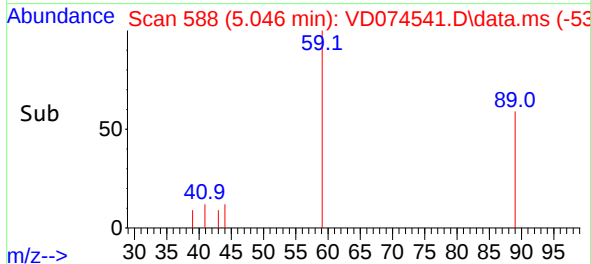
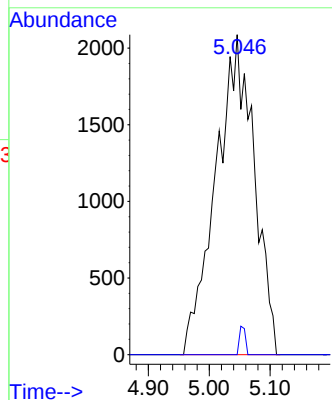
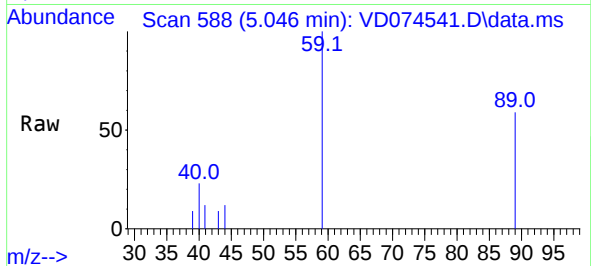




#11
Tert butyl alcohol
Concen: 15.014 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

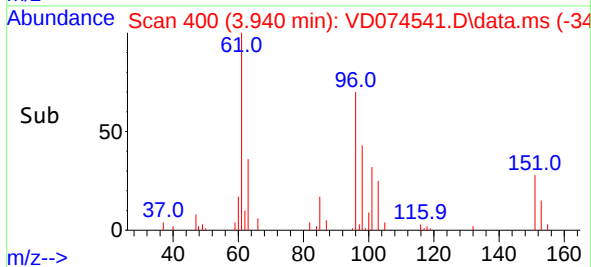
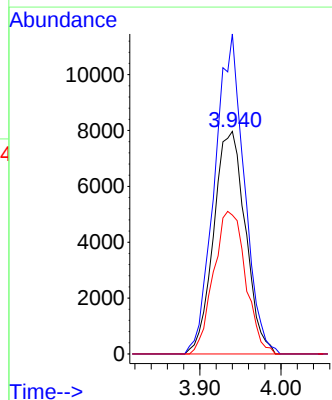
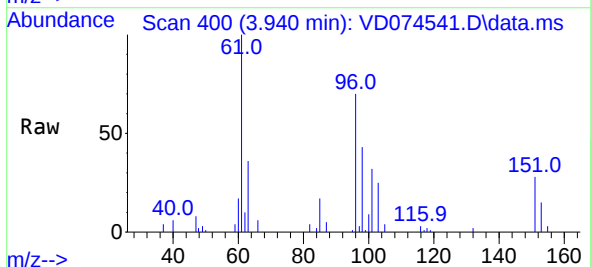
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

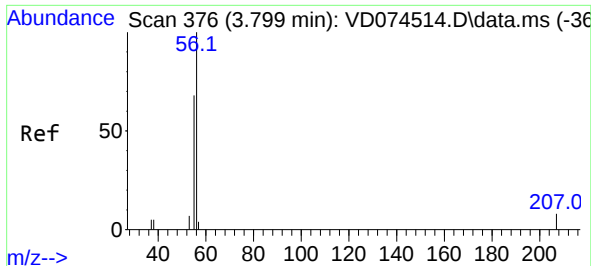
Tgt Ion: 59 Resp: 9110
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#12
1,1-Dichloroethene
Concen: 18.275 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.006 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 96 Resp: 21666
Ion Ratio Lower Upper
96 100
61 143.8 113.9 170.9
98 62.4 51.8 77.8

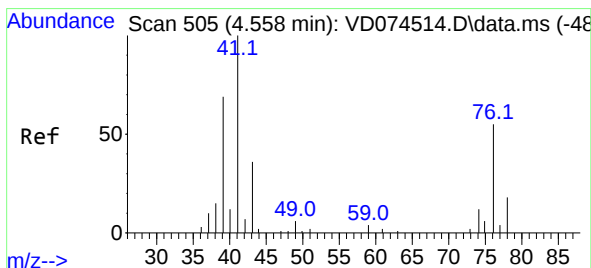
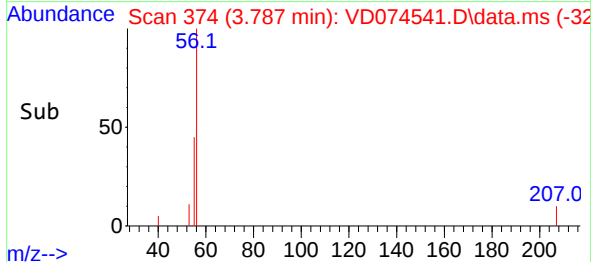
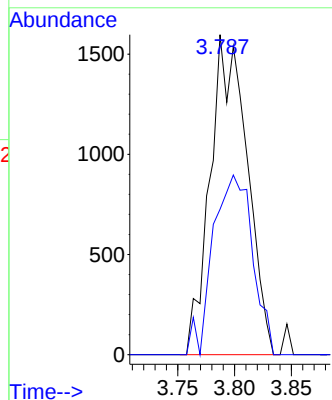
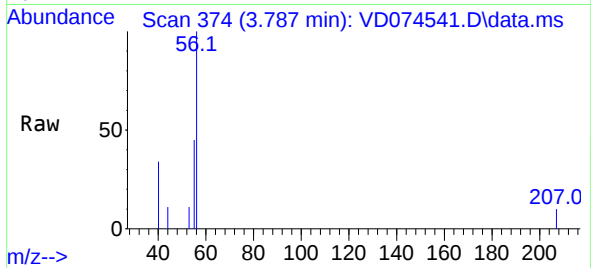




#13
Acrolein
Concen: 90.202 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

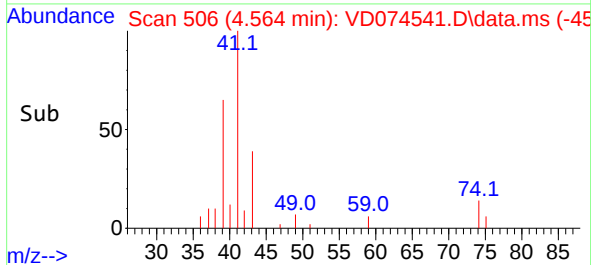
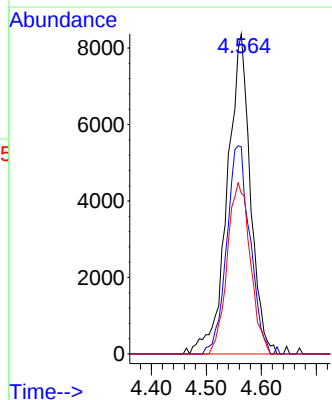
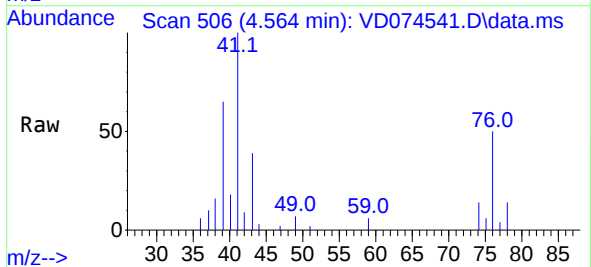
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

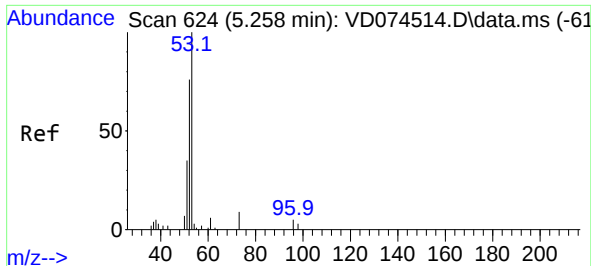
Tgt Ion: 56 Resp: 3607
Ion Ratio Lower Upper
56 100
55 60.2 54.0 81.0



#14
Allyl chloride
Concen: 18.919 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.012 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 41 Resp: 24418
Ion Ratio Lower Upper
41 100
39 65.7 53.4 80.2
76 53.4 42.4 63.6

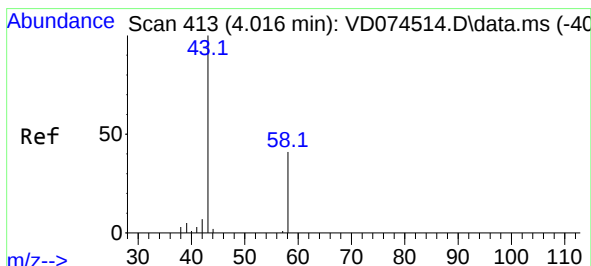
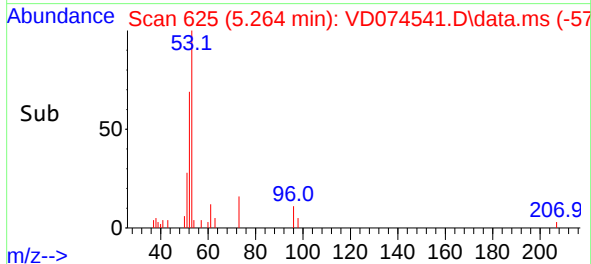
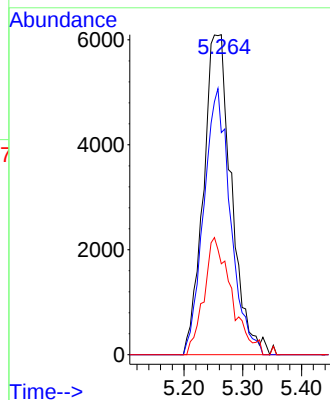
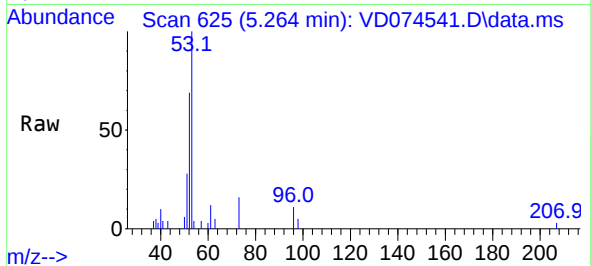




#15
Acrylonitrile
Concen: 98.008 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

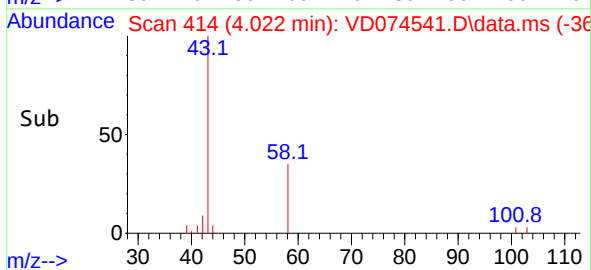
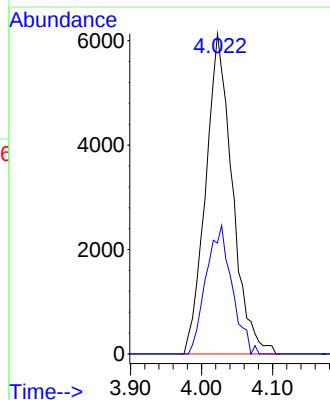
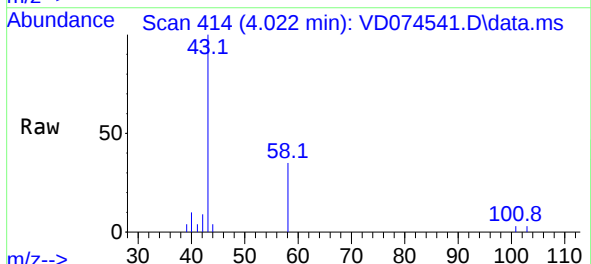
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

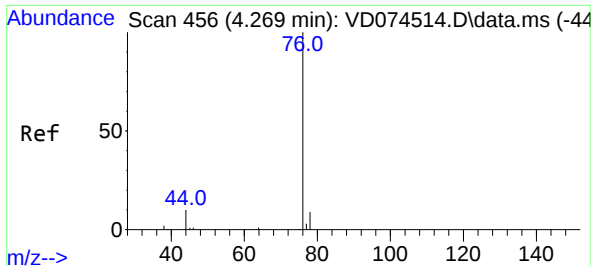
Tgt Ion:	53	Resp:	20281
Ion	Ratio	Lower	Upper
53	100		
52	79.1	66.0	99.0
51	36.0	28.3	42.5



#16
Acetone
Concen: 94.571 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion:	43	Resp:	15963
Ion	Ratio	Lower	Upper
43	100		
58	34.7	30.2	45.2

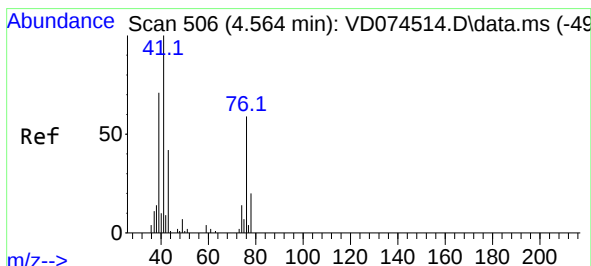
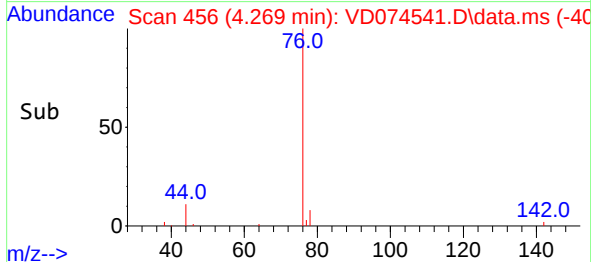
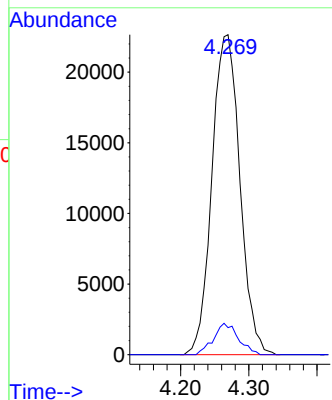
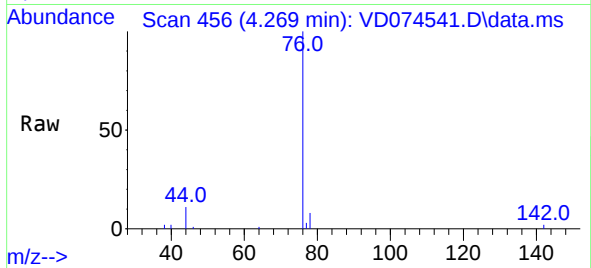




#17
Carbon Disulfide
Concen: 18.426 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

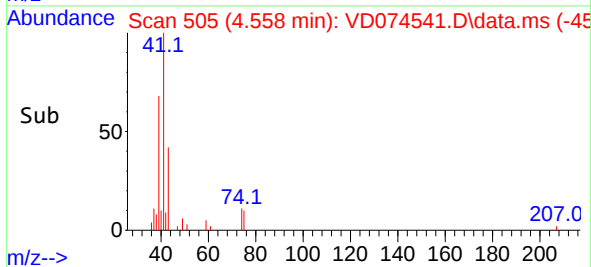
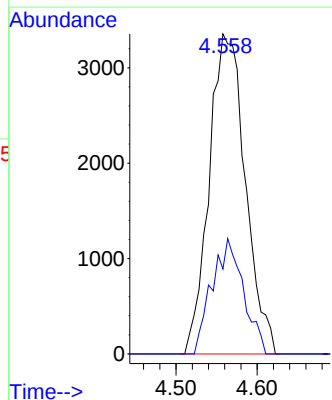
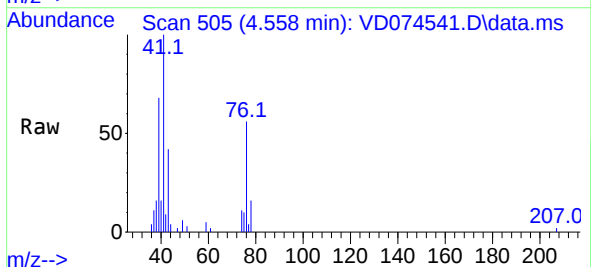
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

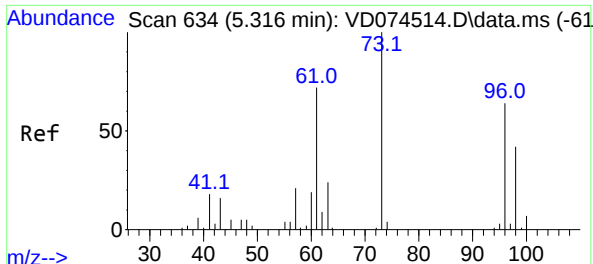
Tgt Ion: 76 Resp: 64591
Ion Ratio Lower Upper
76 100
78 8.4 7.8 11.8



#18
Methyl Acetate
Concen: 19.312 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 43 Resp: 10373
Ion Ratio Lower Upper
43 100
74 31.4 24.7 37.1

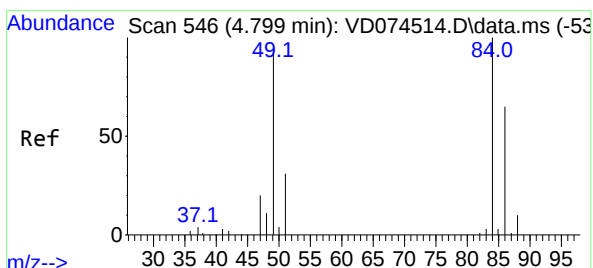
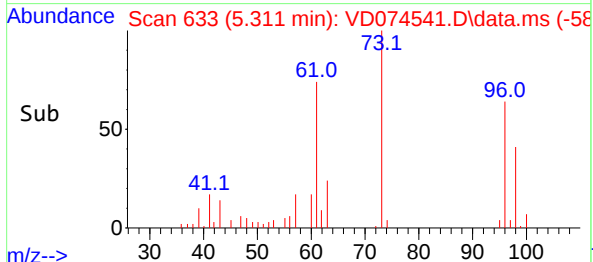
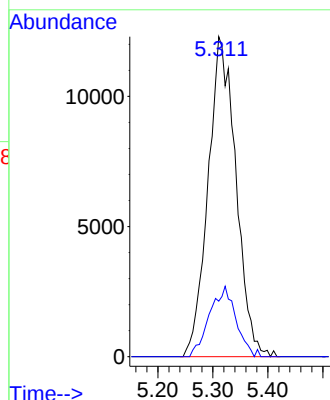
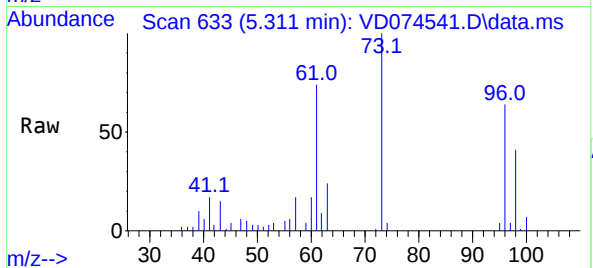




#19
Methyl tert-butyl Ether
Concen: 19.185 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

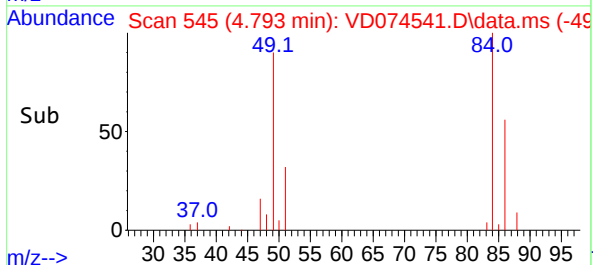
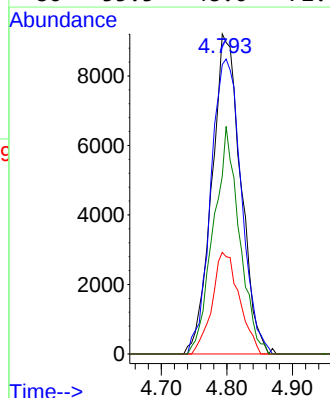
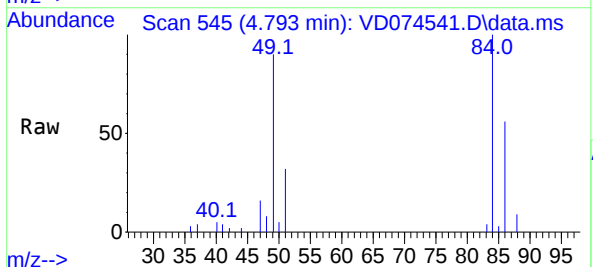
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

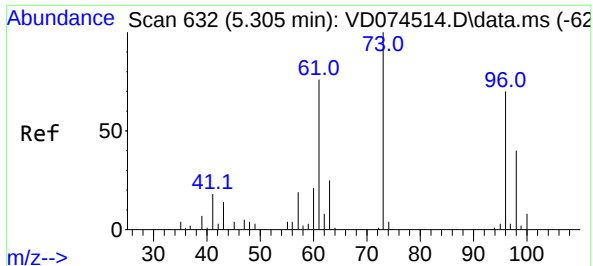
Tgt Ion: 73 Resp: 43284
Ion Ratio Lower Upper
73 100
57 17.3 16.1 24.1



#20
Methylene Chloride
Concen: 15.495 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 84 Resp: 28151
Ion Ratio Lower Upper
84 100
49 90.4 68.0 102.0
51 31.8 23.2 34.8
86 55.5 48.0 72.0

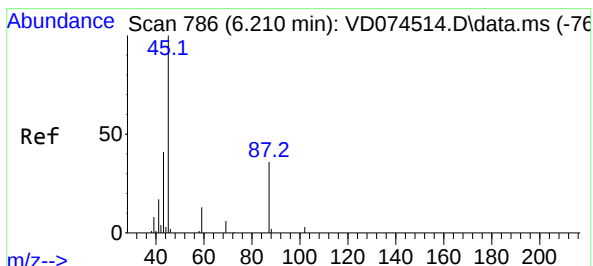
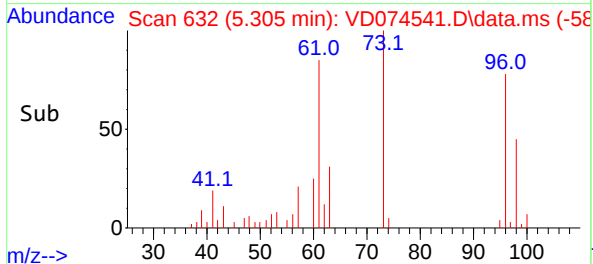
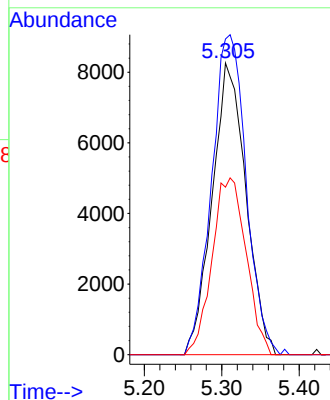
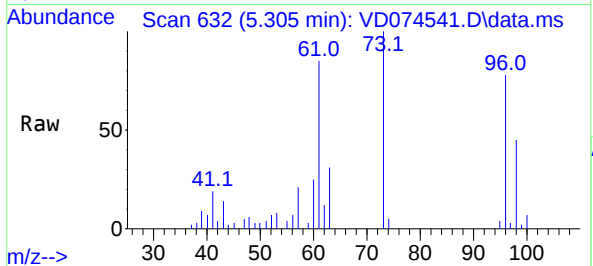




#21
trans-1,2-Dichloroethene
Concen: 19.591 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

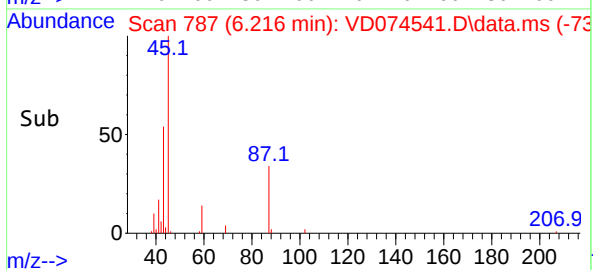
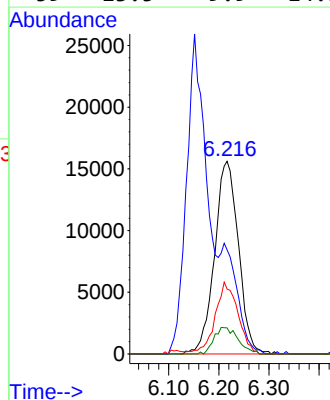
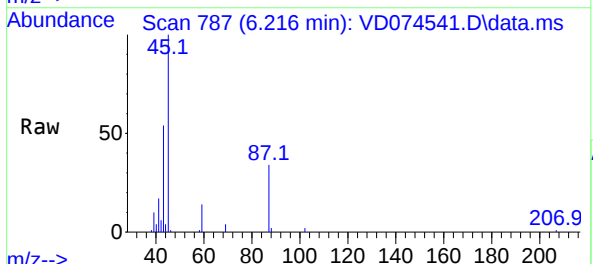
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

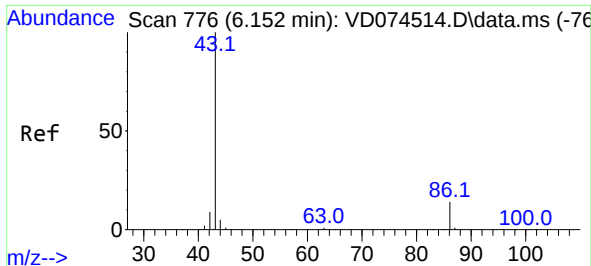
Tgt Ion:	96	Resp:	25017
Ion	Ratio	Lower	Upper
96	100		
61	108.2	95.7	143.5
98	57.4	54.8	82.2



#22
Diisopropyl ether
Concen: 20.028 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion:	45	Resp:	51683
Ion	Ratio	Lower	Upper
45	100		
43	54.1	37.8	56.6
87	33.7	26.6	40.0
59	13.5	9.9	14.9

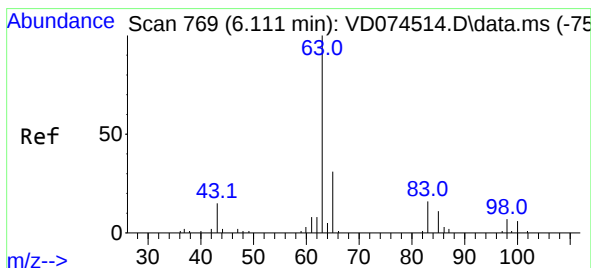
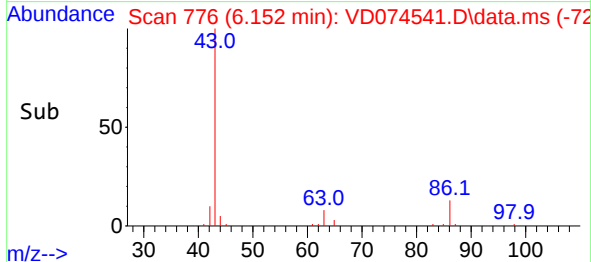
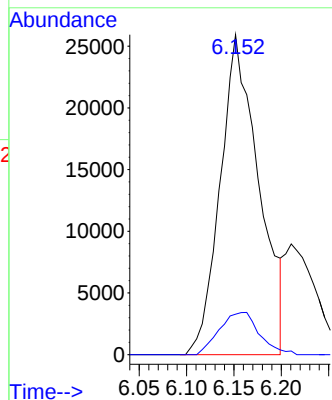
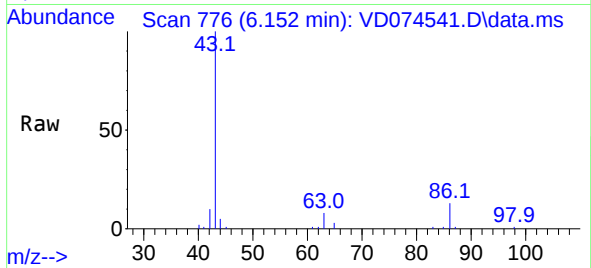




#23
 Vinyl Acetate
 Concen: 65.842 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.005 min
 Lab File: VD074541.D
 Acq: 17 Oct 2022 13:35

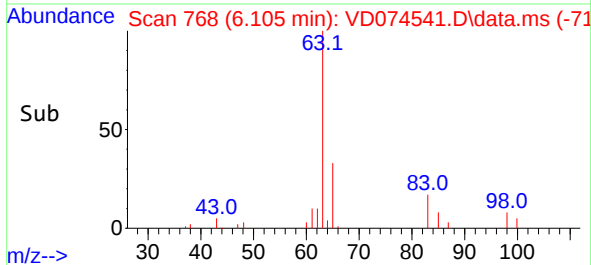
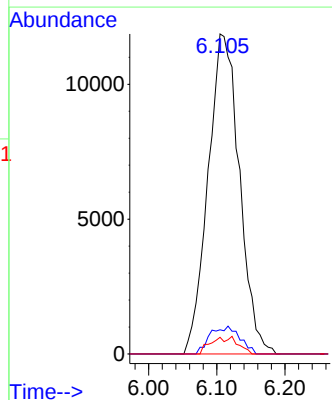
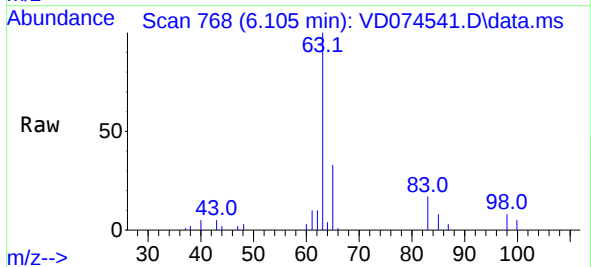
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1017SBS01

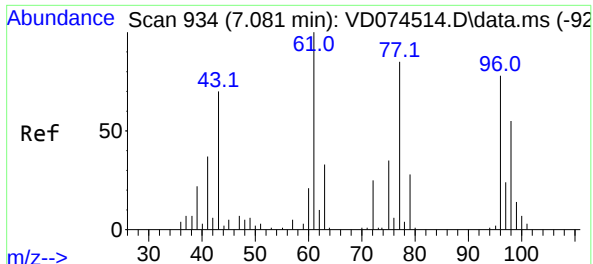
Tgt Ion: 43 Resp: 73763
 Ion Ratio Lower Upper
 43 100
 86 12.6 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 18.988 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD074541.D
 Acq: 17 Oct 2022 13:35

Tgt Ion: 63 Resp: 37929
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.6 13.8
 100 5.2 2.9 8.6

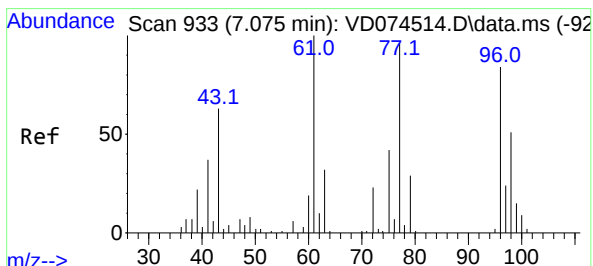
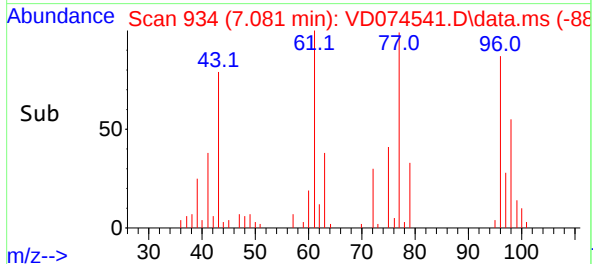
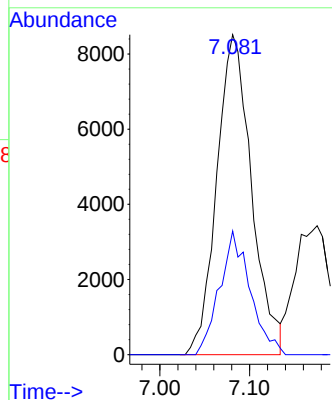
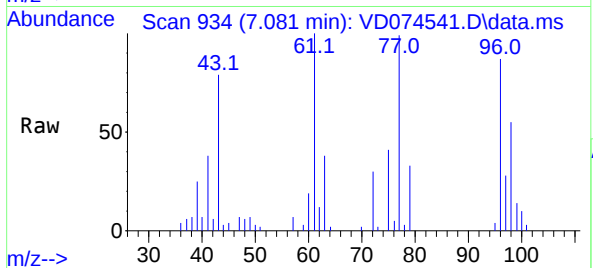




#25
2-Butanone
Concen: 98.383 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

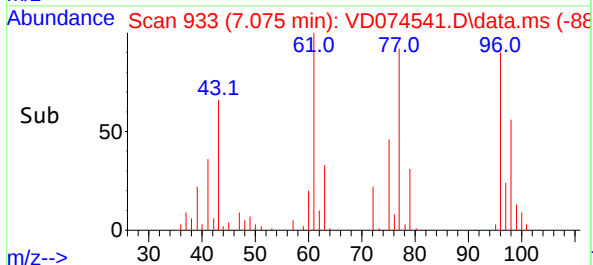
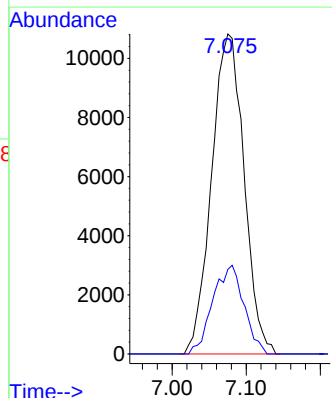
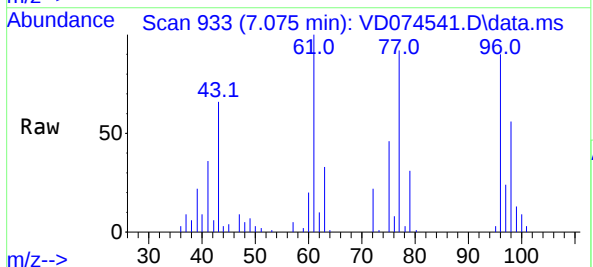
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

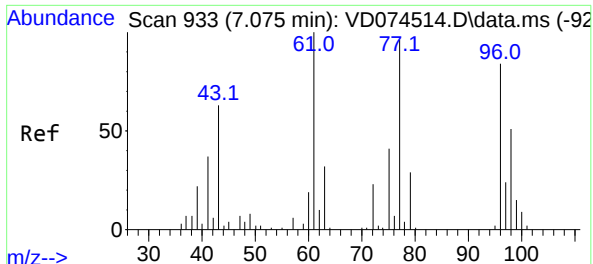
Tgt Ion: 43 Resp: 22924
Ion Ratio Lower Upper
43 100
72 38.6 25.8 38.8



#26
2,2-Dichloropropane
Concen: 18.712 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 77 Resp: 32902
Ion Ratio Lower Upper
77 100
97 26.6 12.5 37.5

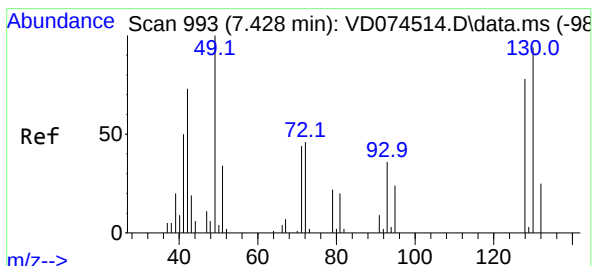
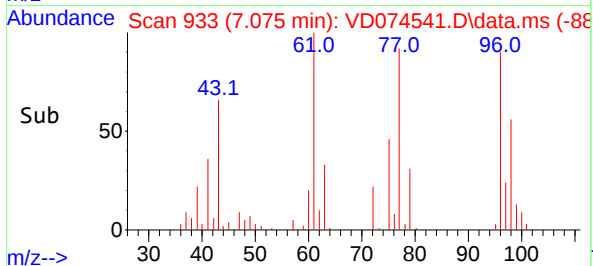
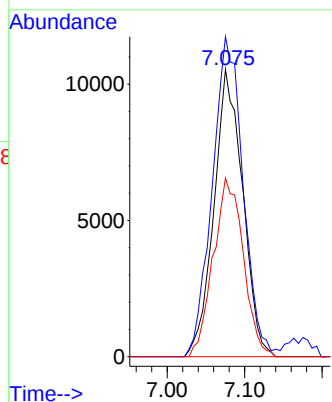
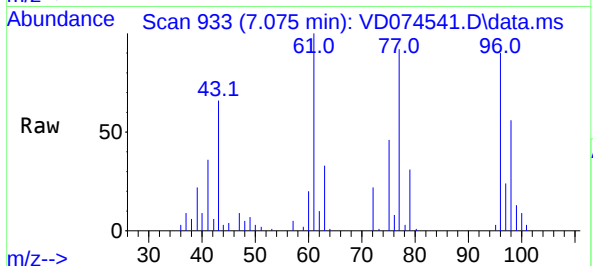




#27
 cis-1,2-Dichloroethene
 Concen: 19.954 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD074541.D
 Acq: 17 Oct 2022 13:35

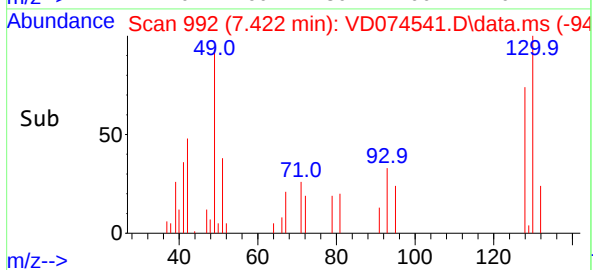
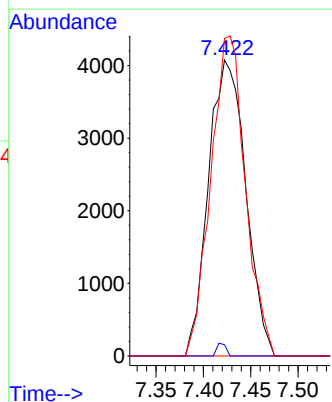
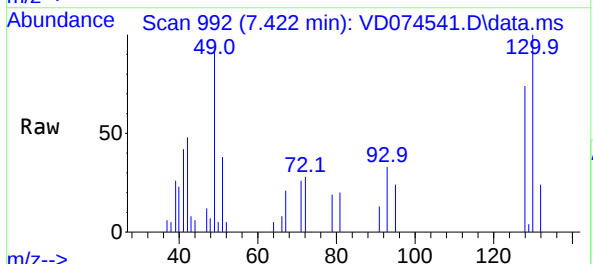
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1017SBS01

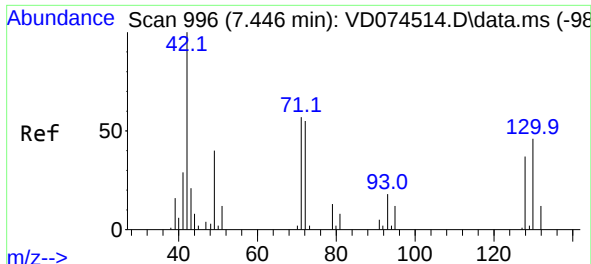
Tgt Ion: 96 Resp: 27140
 Ion Ratio Lower Upper
 96 100
 61 119.5 0.0 242.4
 98 65.0 0.0 130.0



#28
 Bromochloromethane
 Concen: 21.133 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD074541.D
 Acq: 17 Oct 2022 13:35

Tgt Ion: 49 Resp: 11146
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 5.0
 130 100.1 84.1 126.1

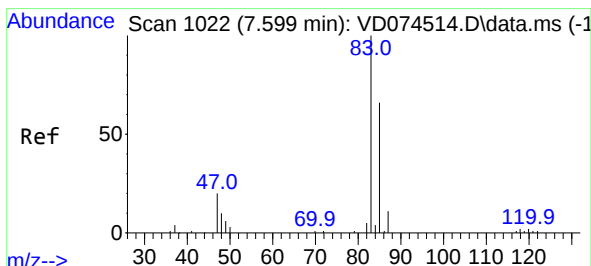
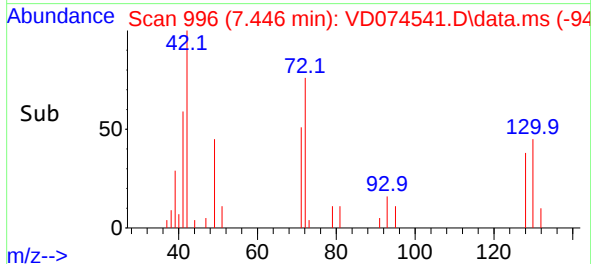
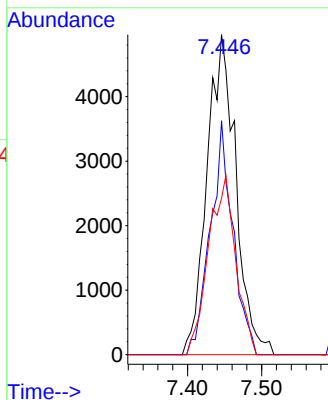
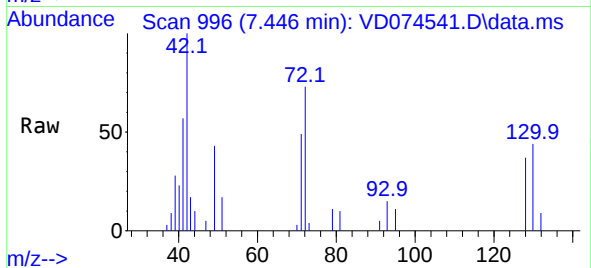




#29
Tetrahydrofuran
Concen: 104.337 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

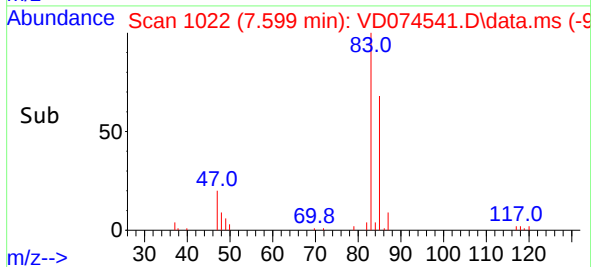
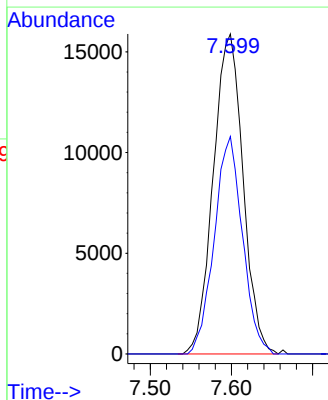
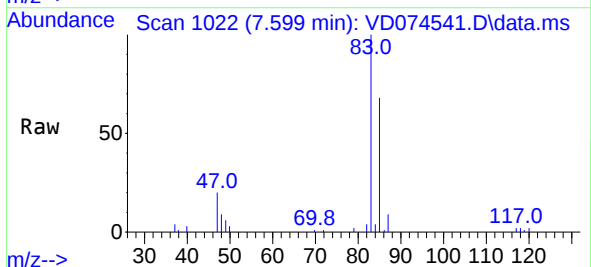
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

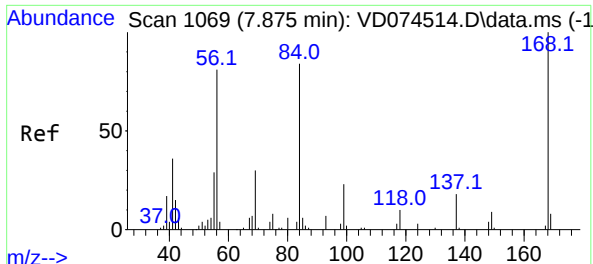
Tgt Ion: 42 Resp: 13407
Ion Ratio Lower Upper
42 100
72 57.1 45.8 68.6
71 52.9 44.6 66.8



#30
Chloroform
Concen: 20.940 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 83 Resp: 40528
Ion Ratio Lower Upper
83 100
85 67.9 52.0 78.0





#31

Cyclohexane

Concen: 19.823 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD074514.D

Acq: 17 Oct 2022 13:35

Instrument :

MSVOA_D

ClientSampleId :

VD1017SBS01

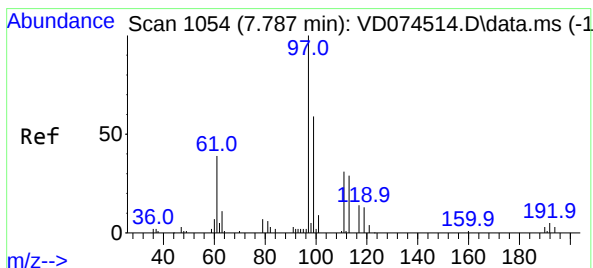
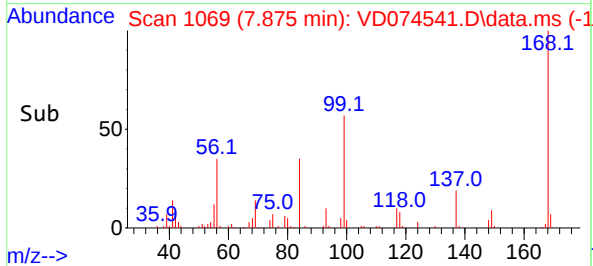
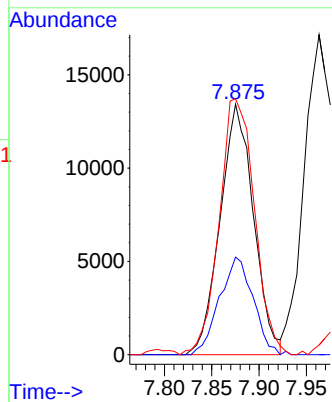
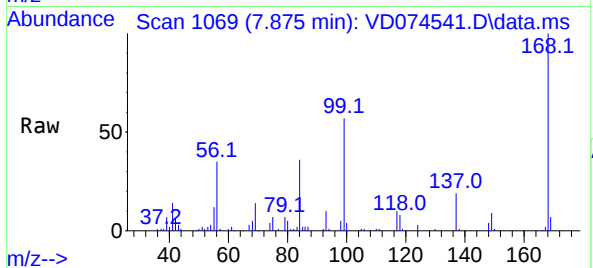
Tgt Ion: 56 Resp: 33004

Ion Ratio Lower Upper

56 100

69 38.9 29.2 43.8

84 102.2 83.4 125.2



#32

1,1,1-Trichloroethane

Concen: 20.919 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD074514.D

Acq: 17 Oct 2022 13:35

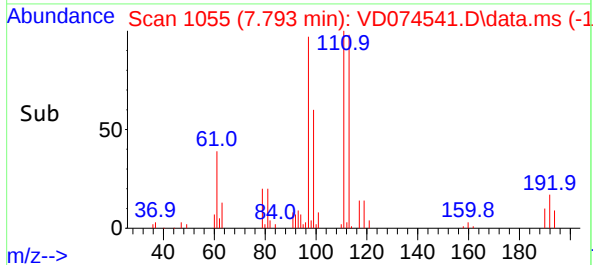
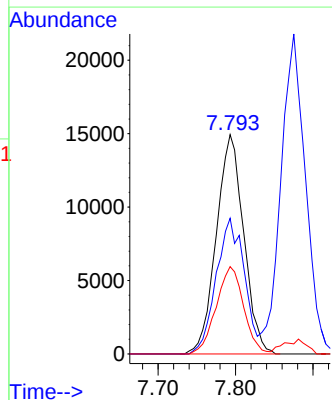
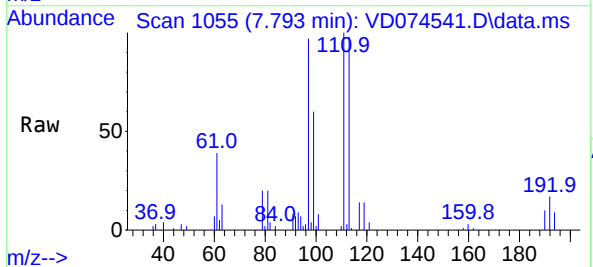
Tgt Ion: 97 Resp: 36662

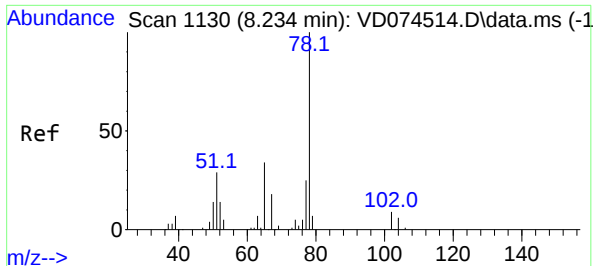
Ion Ratio Lower Upper

97 100

99 63.4 53.3 79.9

61 40.0 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 52.808 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD074541.D

Acq: 17 Oct 2022 13:35

Instrument :

MSVOA_D

ClientSampleId :

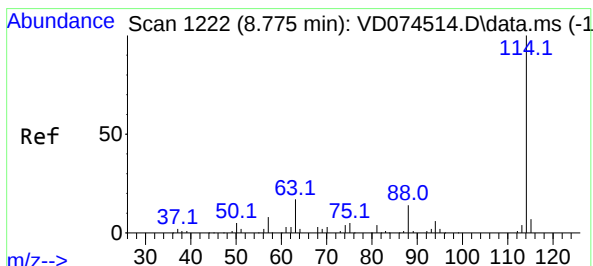
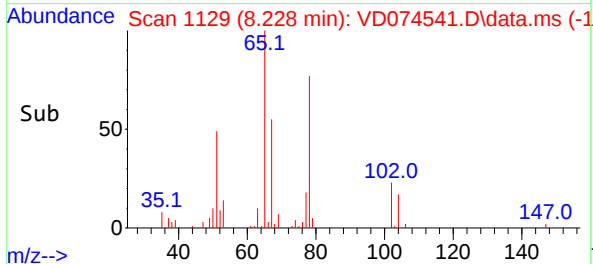
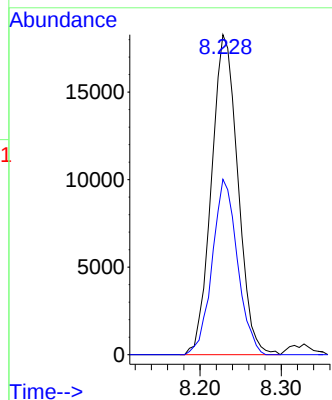
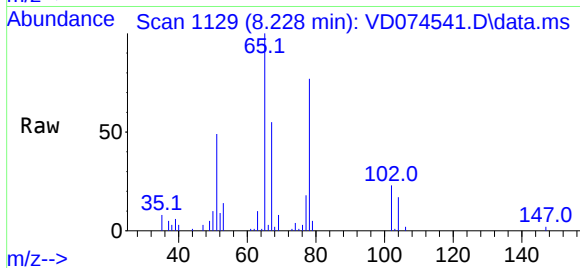
VD1017SBS01

Tgt Ion: 65 Resp: 41323

Ion Ratio Lower Upper

65 100

67 52.3 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074541.D

Acq: 17 Oct 2022 13:35

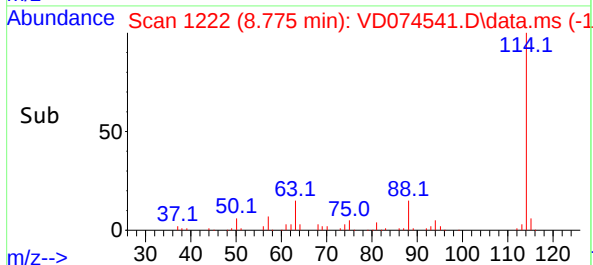
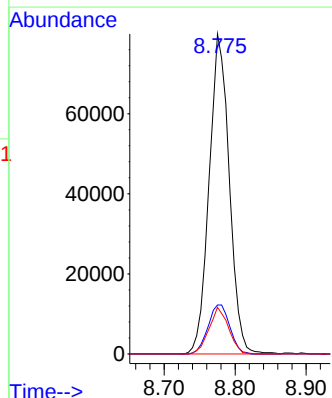
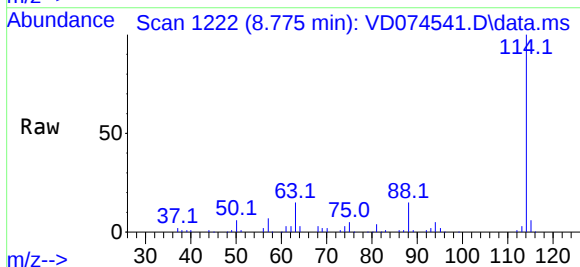
Tgt Ion: 114 Resp: 157441

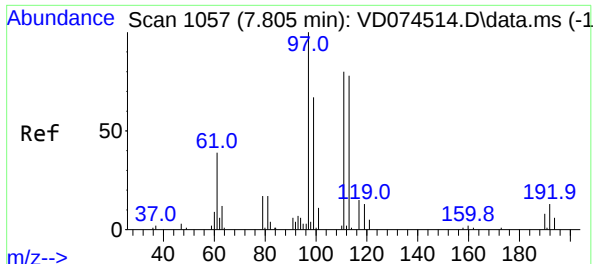
Ion Ratio Lower Upper

114 100

63 15.3 0.0 33.2

88 14.6 0.0 28.2

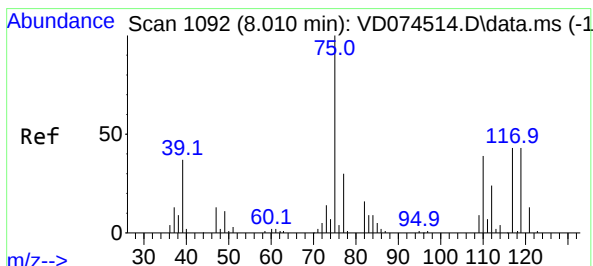
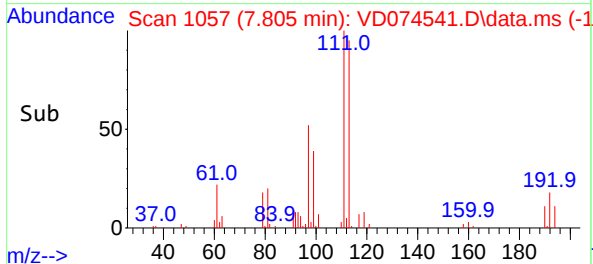
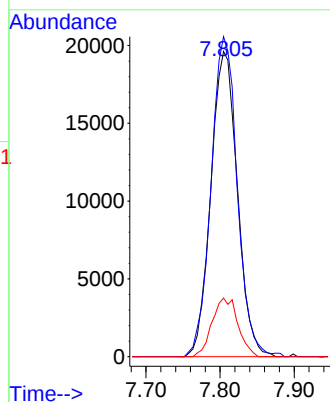
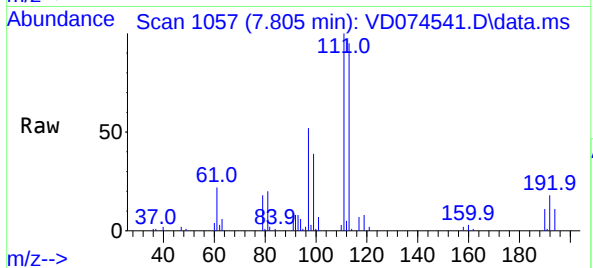




#35
Dibromofluoromethane
Concen: 51.457 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

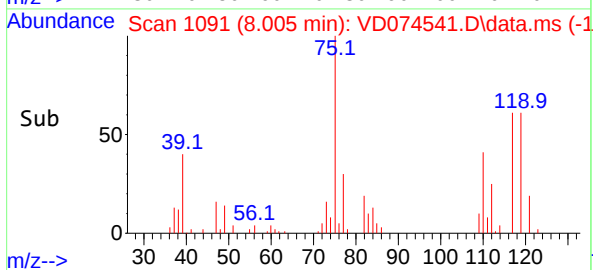
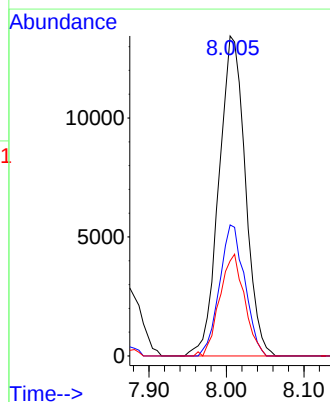
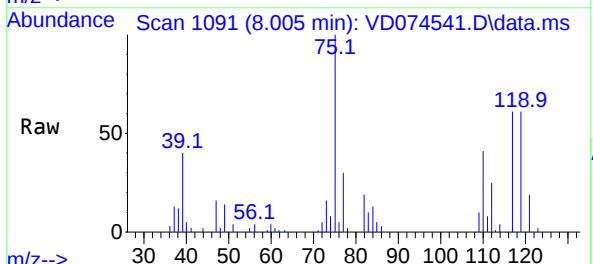
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

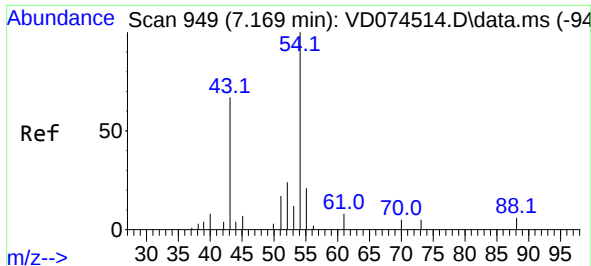
Tgt Ion:113 Resp: 48724
Ion Ratio Lower Upper
113 100
111 103.6 82.3 123.5
192 18.7 16.4 24.6



#36
1,1-Dichloropropene
Concen: 21.114 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. 0.001 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 75 Resp: 31903
Ion Ratio Lower Upper
75 100
110 38.9 19.7 59.0
77 30.0 25.4 38.2



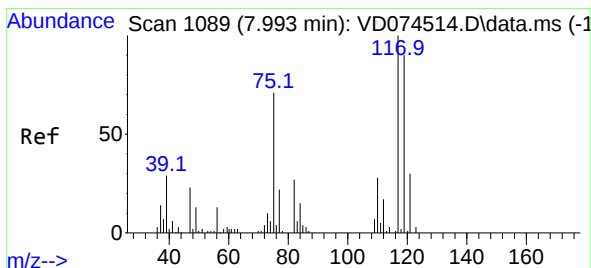
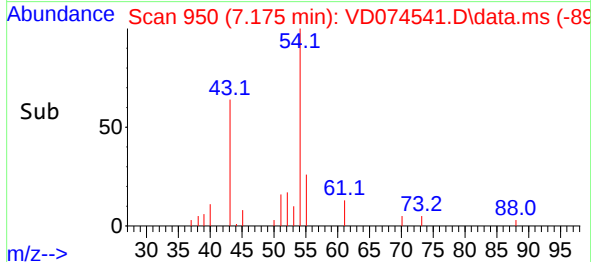
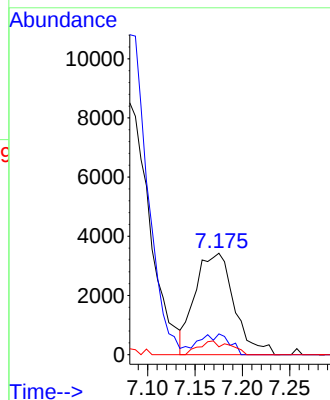
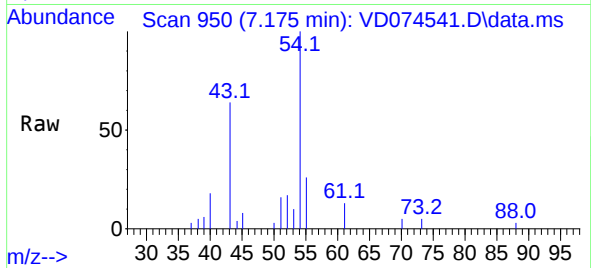


#37
Ethyl Acetate
Concen: 19.751 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

Tgt Ion: 43 Resp: 9795

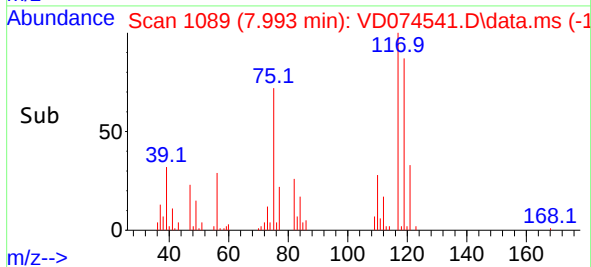
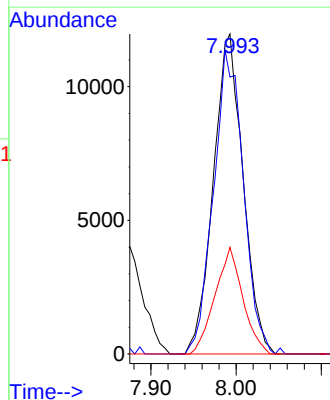
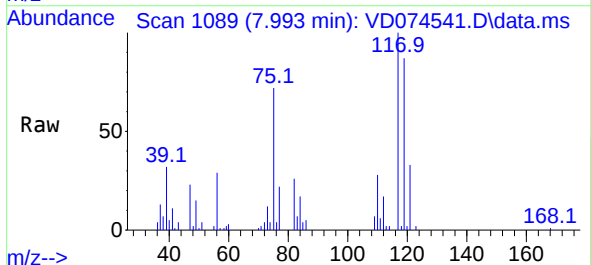
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	10.7	9.6	14.4

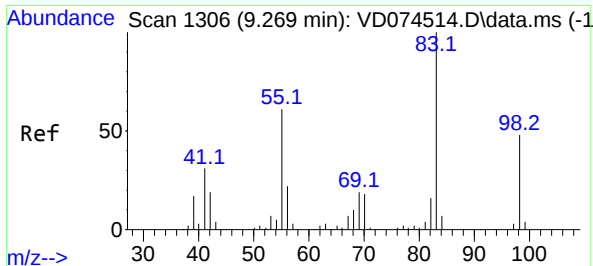


#38
Carbon Tetrachloride
Concen: 20.802 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 117 Resp: 29062

Ion	Ratio	Lower	Upper
117	100		
119	86.6	73.1	109.7
121	33.3	25.0	37.6

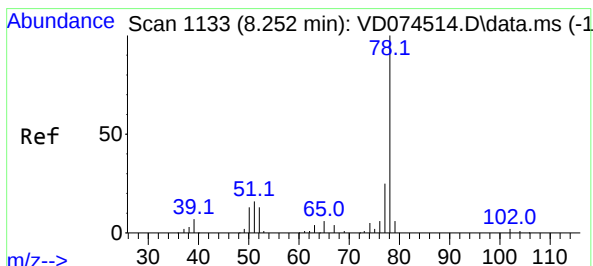
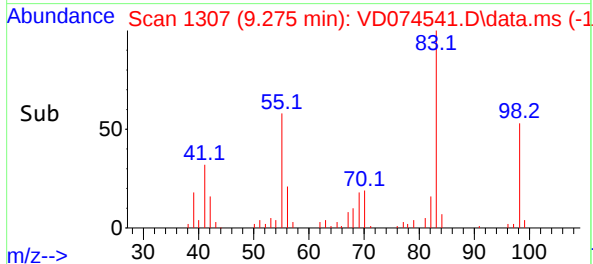
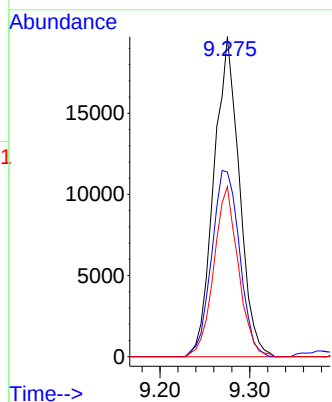
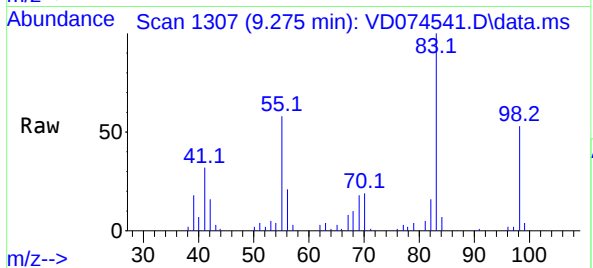




#39
Methylcyclohexane
Concen: 20.517 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

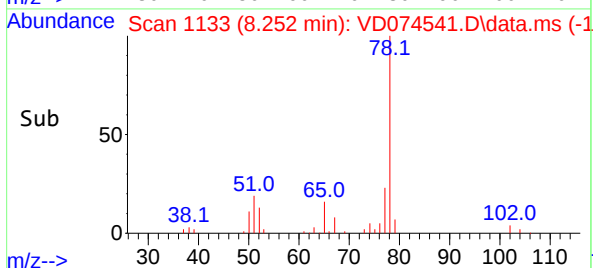
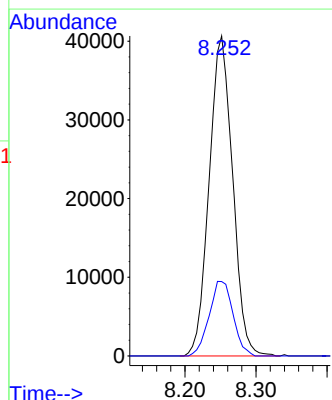
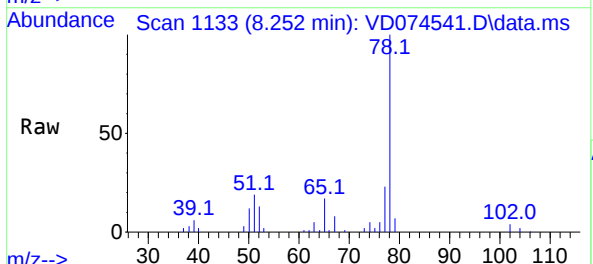
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

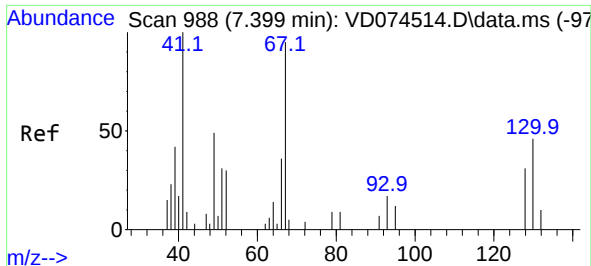
Tgt Ion: 83 Resp: 38803
Ion Ratio Lower Upper
83 100
55 57.7 49.0 73.4
98 53.1 41.7 62.5



#40
Benzene
Concen: 20.735 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 78 Resp: 93250
Ion Ratio Lower Upper
78 100
77 23.3 20.1 30.1

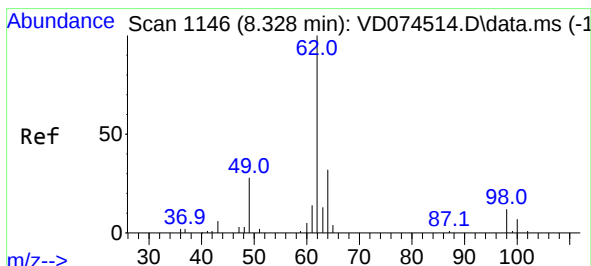
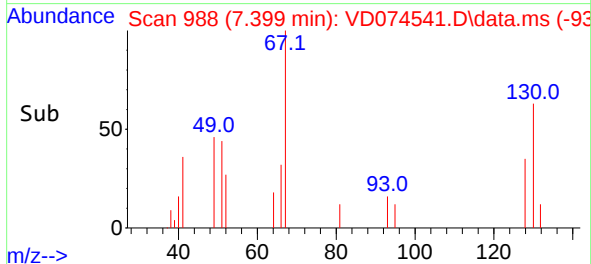
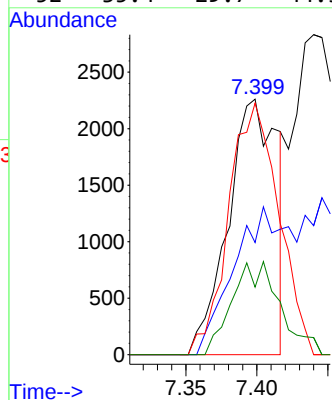
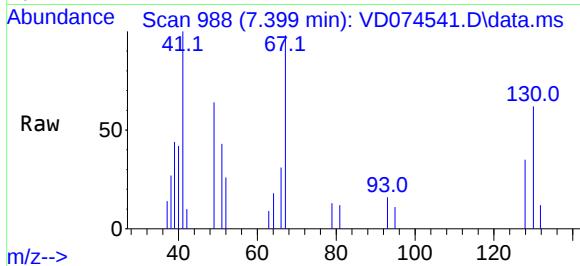




#41
Methacrylonitrile
Concen: 19.062 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

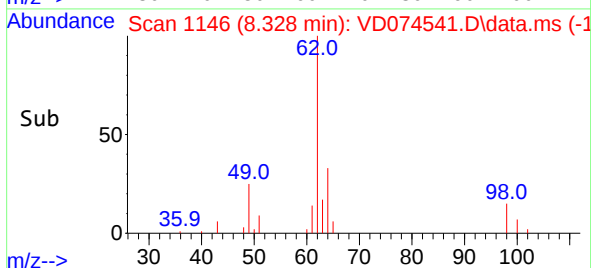
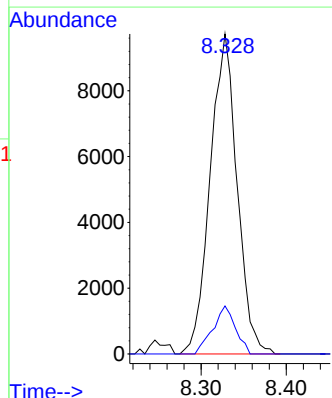
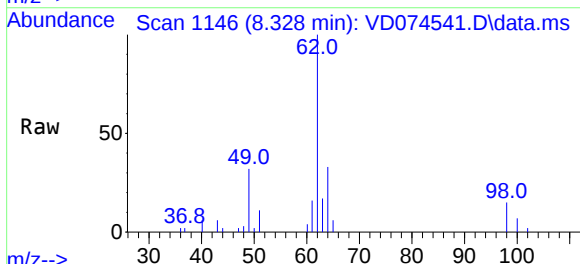
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

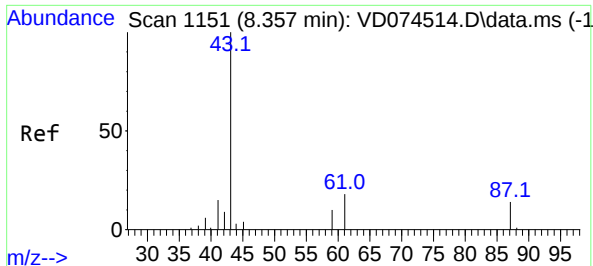
Tgt Ion: 41 Resp: 5424
Ion Ratio Lower Upper
41 100
39 53.7 35.0 52.6#
67 100.7 77.0 115.6
52 35.4 29.7 44.5



#42
1,2-Dichloroethane
Concen: 20.075 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 62 Resp: 21333
Ion Ratio Lower Upper
62 100
98 12.6 0.0 24.2

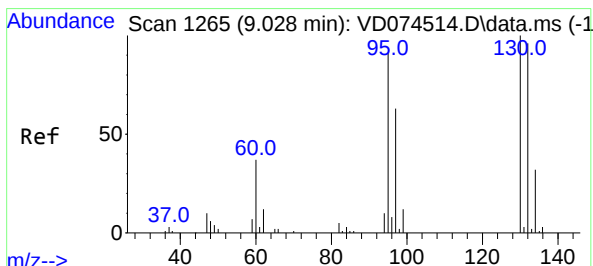
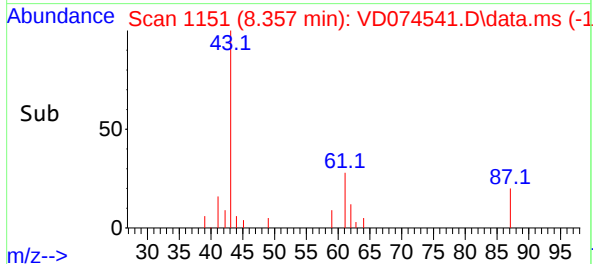
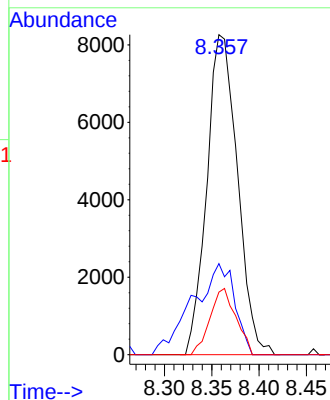
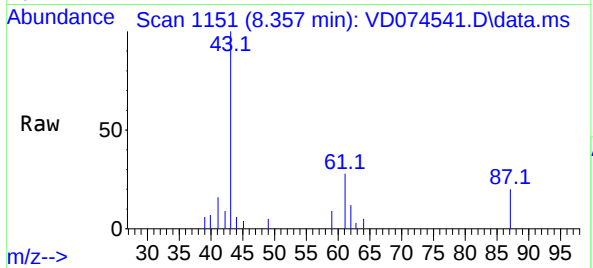




#43
Isopropyl Acetate
Concen: 20.392 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.005 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

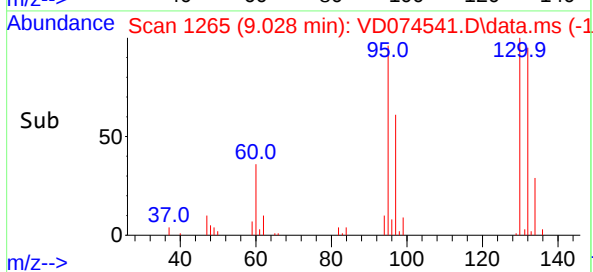
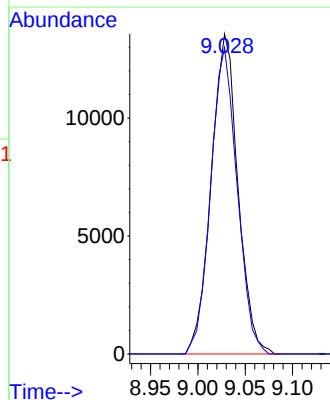
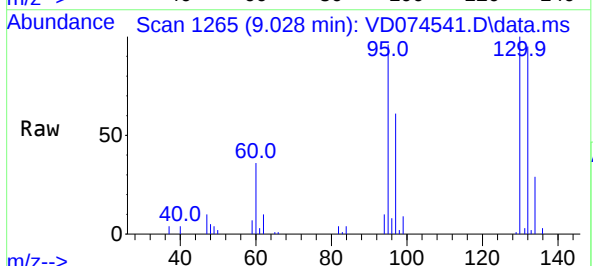
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

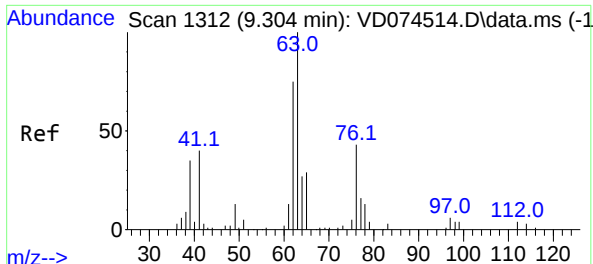
Tgt Ion: 43	Resp: 18581
Ion Ratio	Lower Upper
43	100
61	39.0 30.9 46.3
87	17.5 14.3 21.5



#44
Trichloroethene
Concen: 20.673 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 130	Resp: 26596
Ion Ratio	Lower Upper
130	100
95	95.7 0.0 185.4

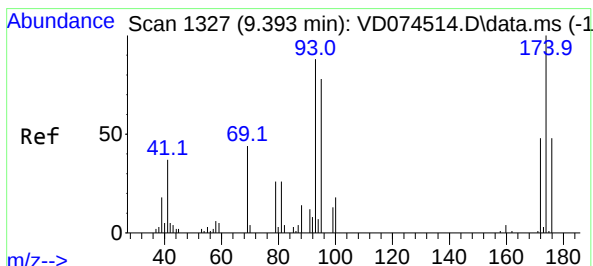
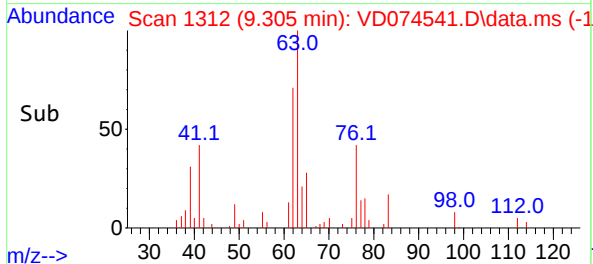
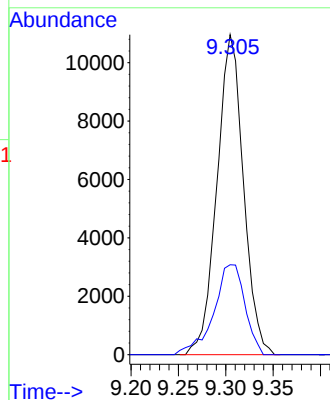
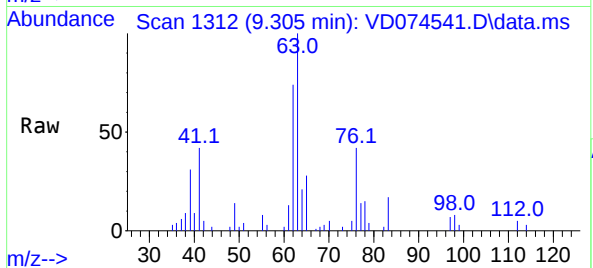




#45
1,2-Dichloropropane
Concen: 20.801 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

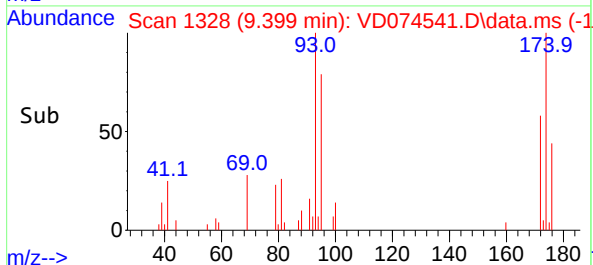
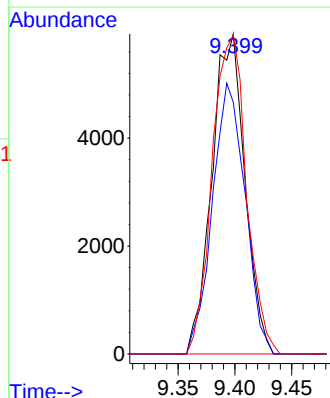
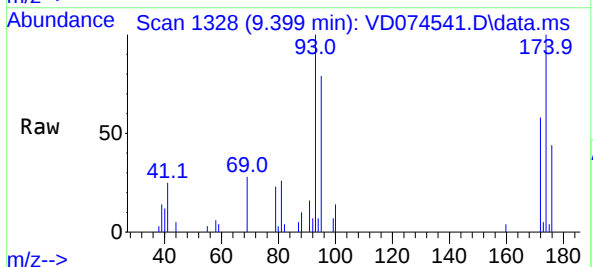
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

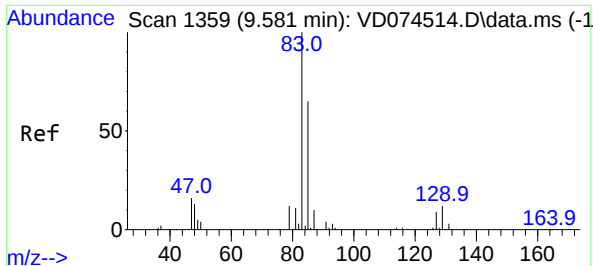
Tgt Ion: 63 Resp: 21312
Ion Ratio Lower Upper
63 100
65 28.1 23.1 34.7



#46
Dibromomethane
Concen: 20.829 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 93 Resp: 11991
Ion Ratio Lower Upper
93 100
95 83.6 68.2 102.2
174 103.1 87.4 131.0



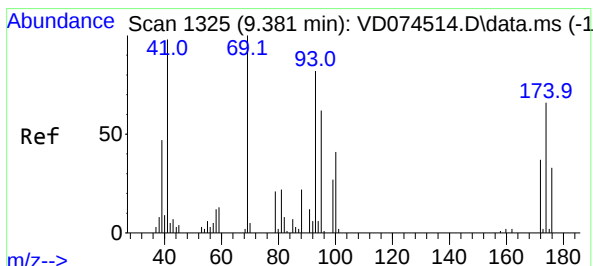
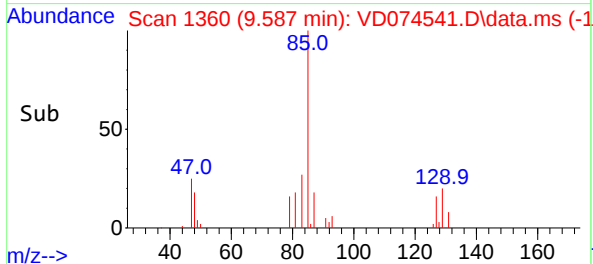
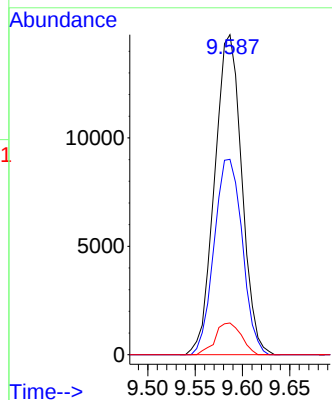
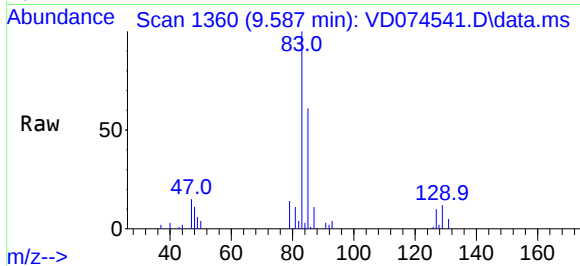


#47
Bromodichloromethane
Concen: 20.711 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

Tgt Ion: 83 Resp: 29473

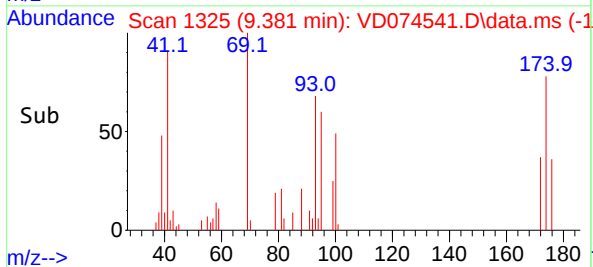
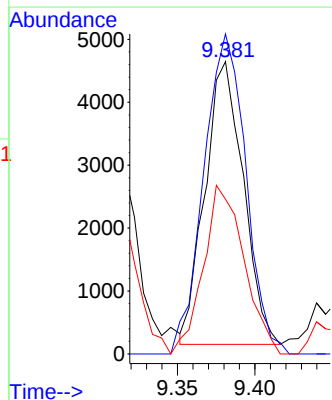
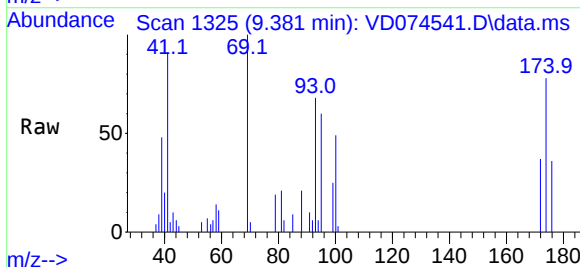
Ion	Ratio	Lower	Upper
83	100		
85	61.1	48.8	73.2
127	9.9	6.7	10.1

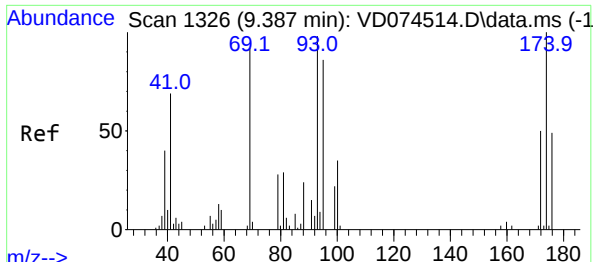


#48
Methyl methacrylate
Concen: 17.508 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 41 Resp: 7720

Ion	Ratio	Lower	Upper
41	100		
69	124.3	93.0	139.4
39	63.2	44.6	66.8





#49

1,4-Dioxane

Concen: 403.804 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074541.D

Acq: 17 Oct 2022 13:35

Instrument :

MSVOA_D

ClientSampleId :

VD1017SBS01

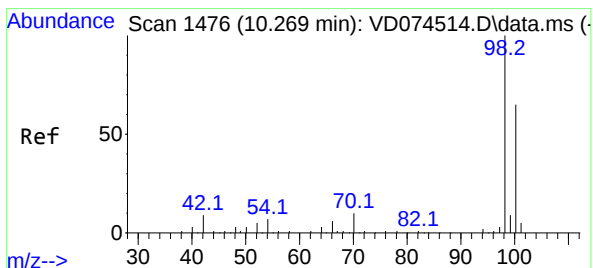
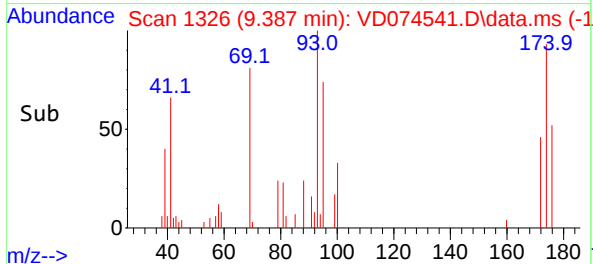
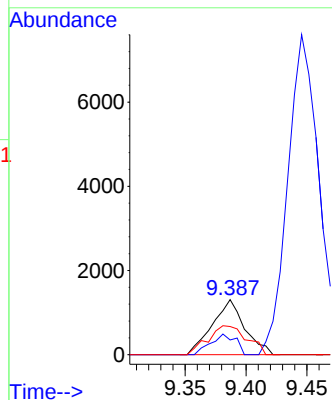
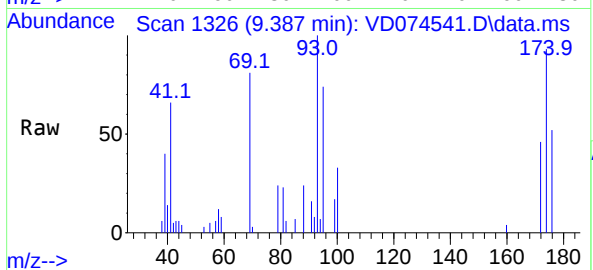
Tgt Ion: 88 Resp: 2415

Ion Ratio Lower Upper

88 100

43 28.8 24.1 36.1

58 62.9 43.1 64.7



#50

Toluene-d8

Concen: 49.035 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074541.D

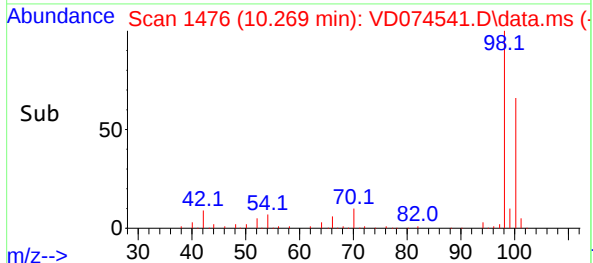
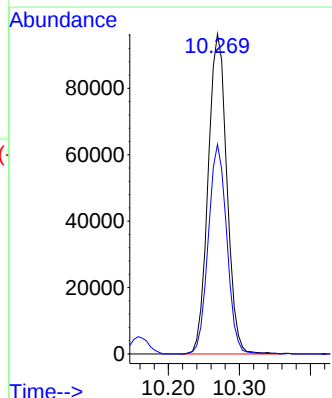
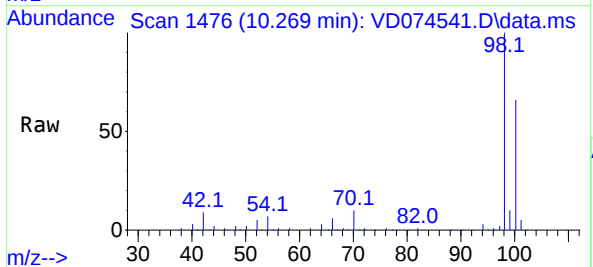
Acq: 17 Oct 2022 13:35

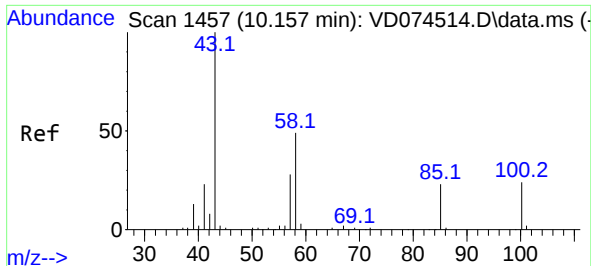
Tgt Ion: 98 Resp: 176608

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0

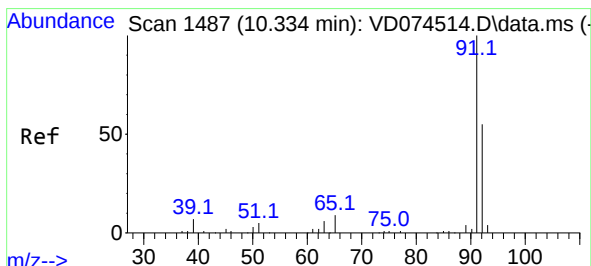
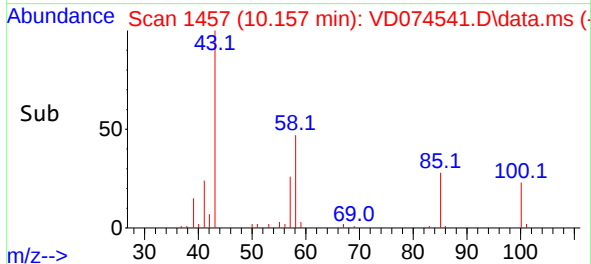
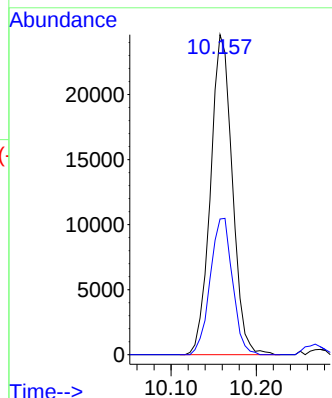
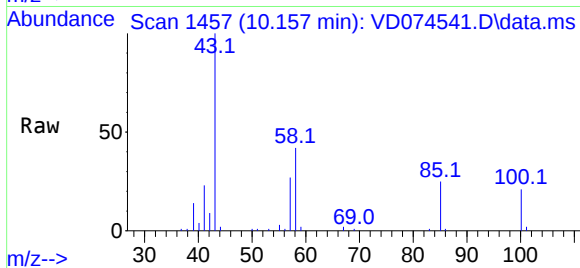




#51
4-Methyl-2-Pentanone
Concen: 97.122 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

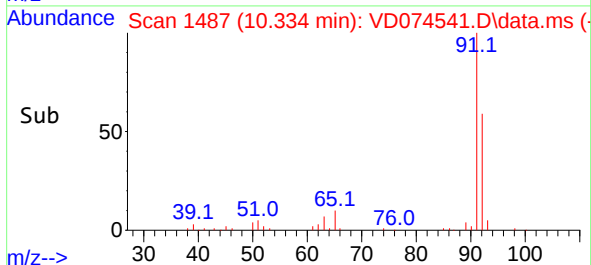
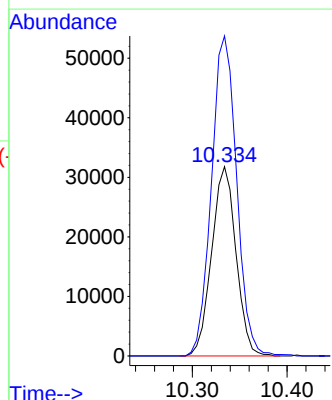
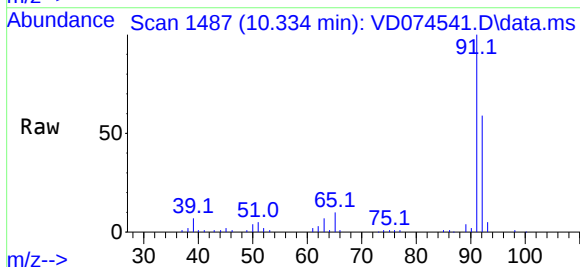
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

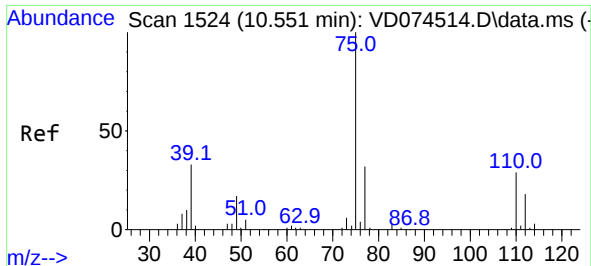
Tgt Ion: 43 Resp: 43781
Ion Ratio Lower Upper
43 100
58 43.5 37.8 56.6



#52
Toluene
Concen: 19.986 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 92 Resp: 56805
Ion Ratio Lower Upper
92 100
91 175.0 139.0 208.4

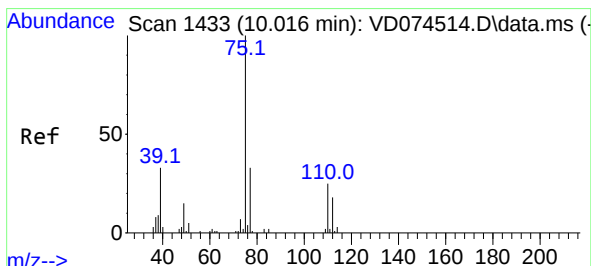
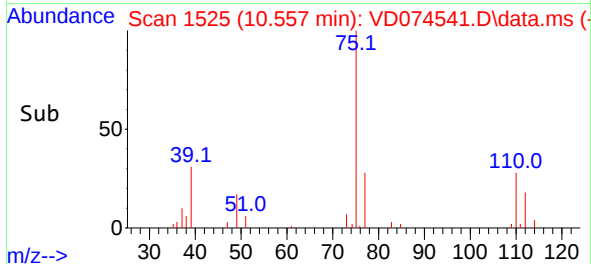
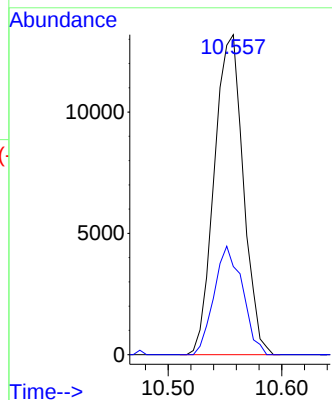
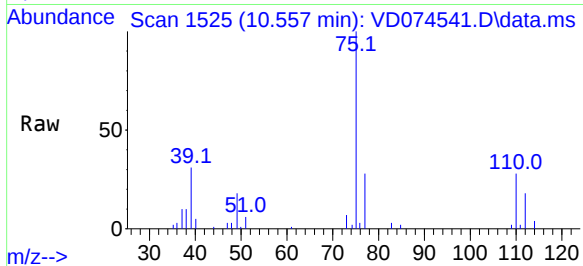




#53
 t-1,3-Dichloropropene
 Concen: 18.838 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD074541.D
 Acq: 17 Oct 2022 13:35

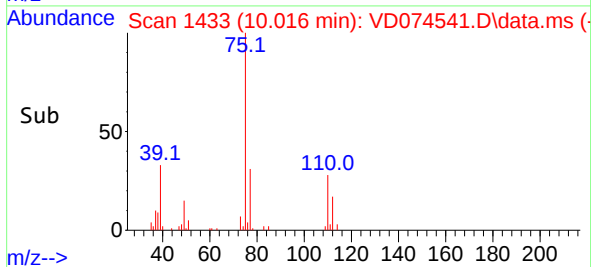
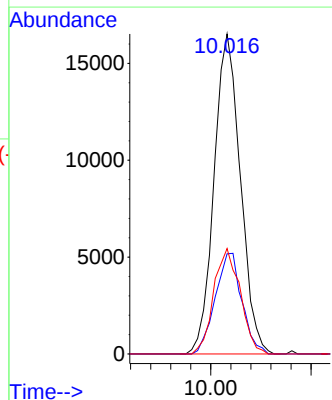
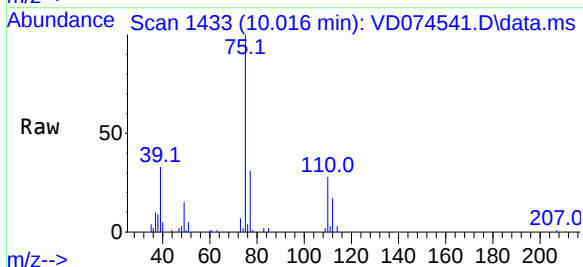
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1017SBS01

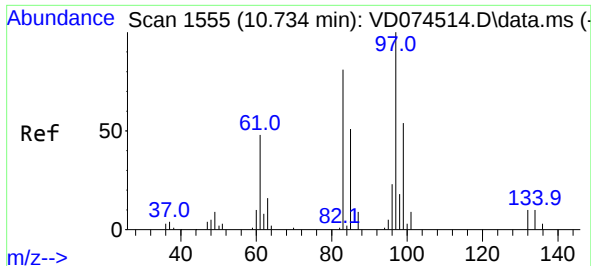
Tgt Ion: 75 Resp: 23373
 Ion Ratio Lower Upper
 75 100
 77 27.5 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.219 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD074541.D
 Acq: 17 Oct 2022 13:35

Tgt Ion: 75 Resp: 30117
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.7 37.1
 39 32.9 25.4 38.2

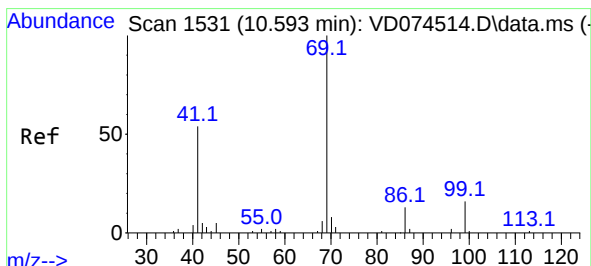
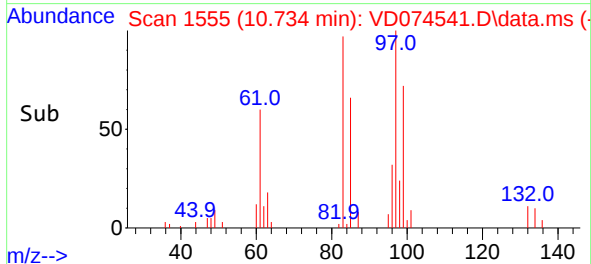
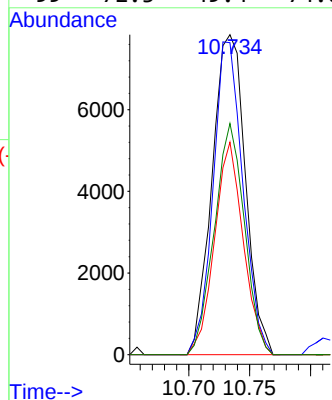
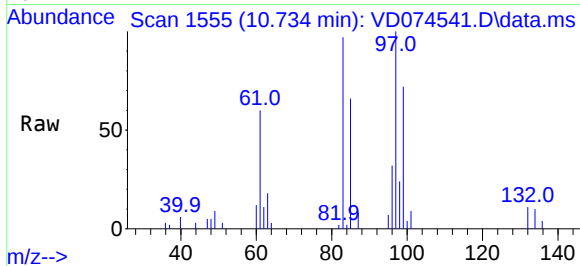




#55
1,1,2-Trichloroethane
Concen: 19.321 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

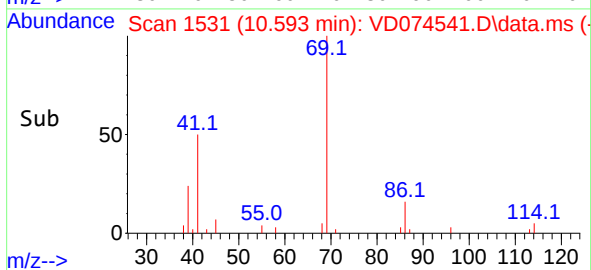
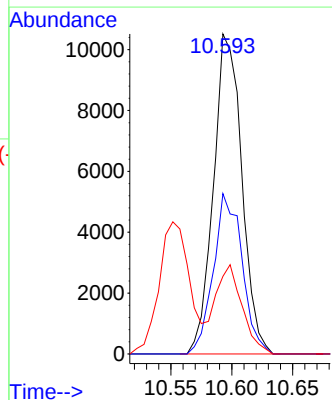
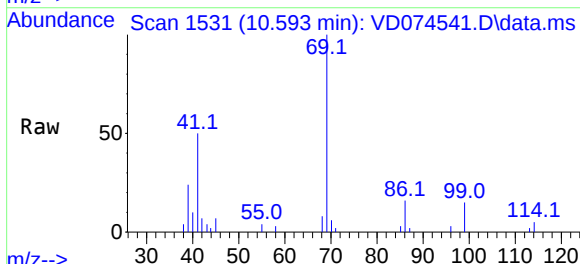
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

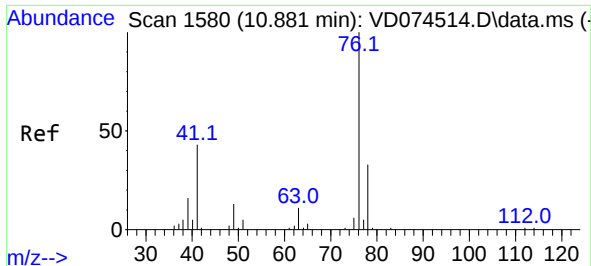
Tgt Ion: 97	Resp: 14910
Ion Ratio	Lower Upper
97 100	
83 97.5	64.8 97.2#
85 66.4	44.8 67.2
99 72.3	49.4 74.0



#56
Ethyl methacrylate
Concen: 19.109 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 69	Resp: 16999
Ion Ratio	Lower Upper
69 100	
41 50.8	38.6 58.0
39 27.1	19.9 29.9





#57

1,3-Dichloropropane

Concen: 19.272 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074541.D

Acq: 17 Oct 2022 13:35

Instrument :

MSVOA_D

ClientSampleId :

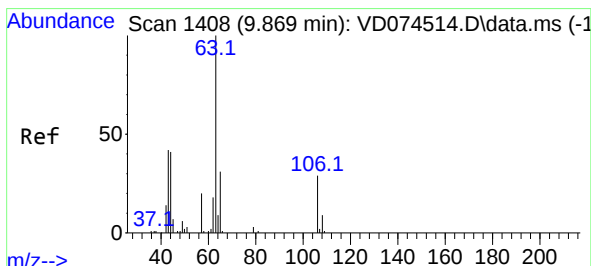
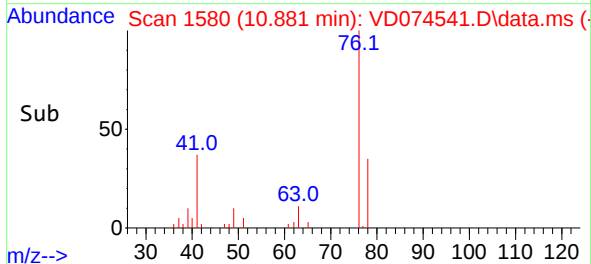
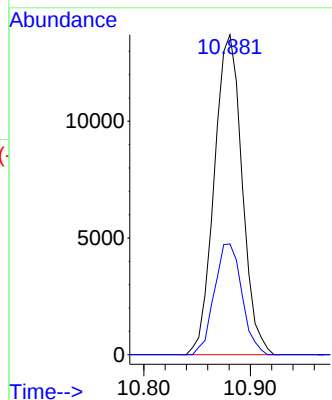
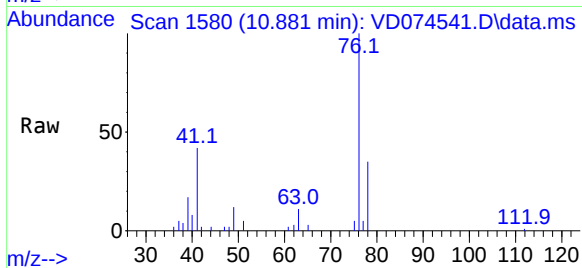
VD1017SBS01

Tgt Ion: 76 Resp: 24873

Ion Ratio Lower Upper

76 100

78 34.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 93.427 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD074541.D

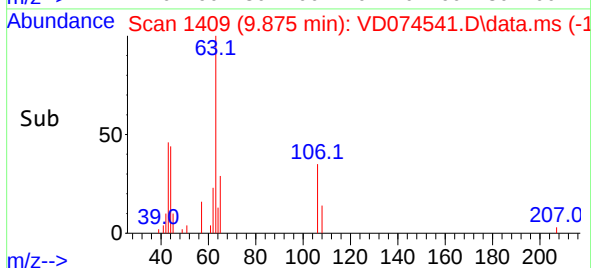
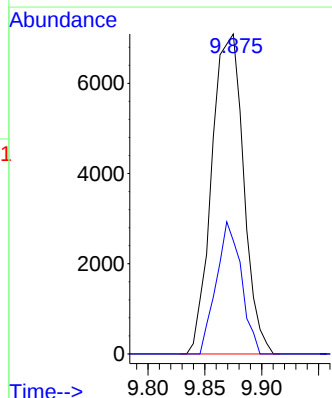
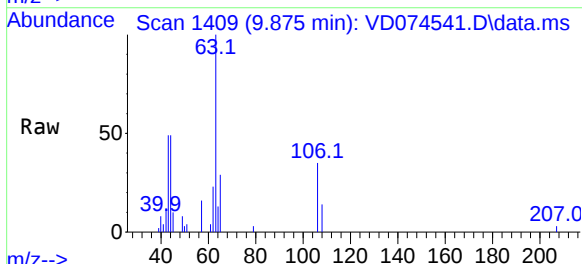
Acq: 17 Oct 2022 13:35

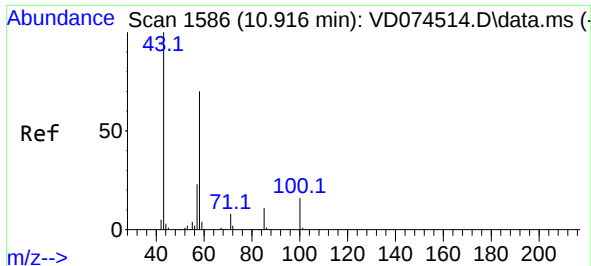
Tgt Ion: 63 Resp: 13843

Ion Ratio Lower Upper

63 100

106 32.3 26.5 39.7

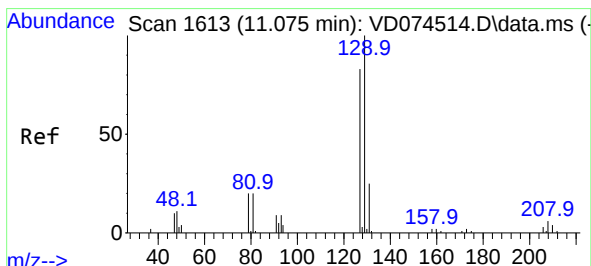
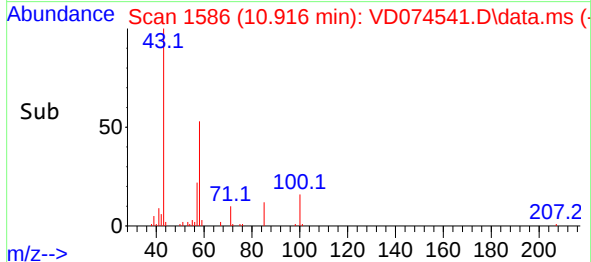
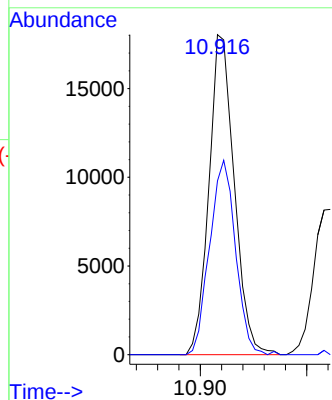
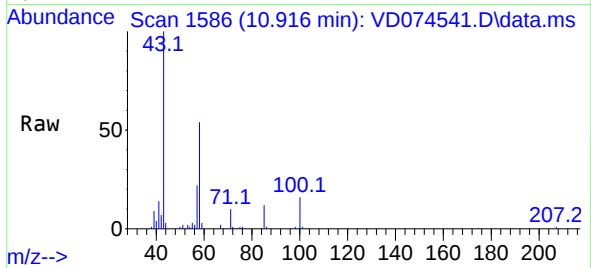




#59
2-Hexanone
Concen: 98.705 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

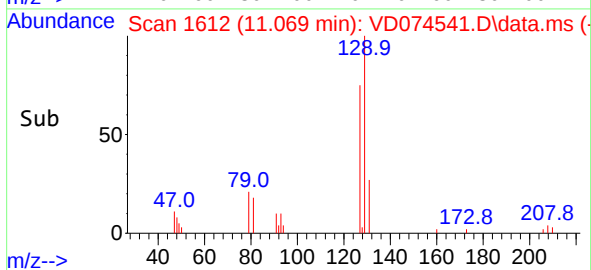
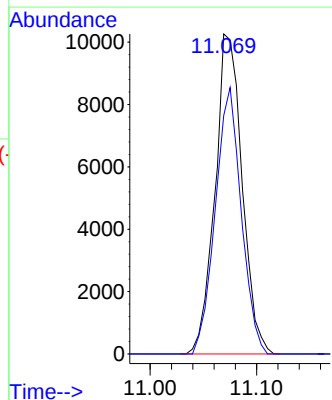
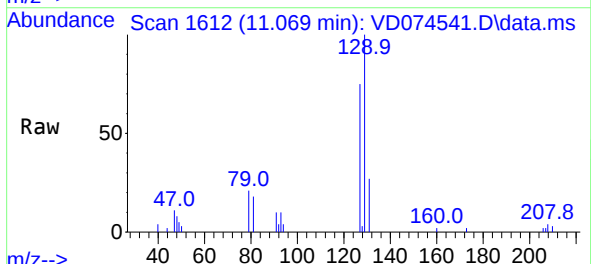
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

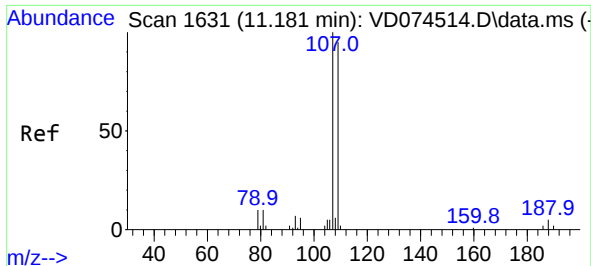
Tgt Ion: 43 Resp: 29785
Ion Ratio Lower Upper
43 100
58 62.1 32.0 96.2



#60
Dibromochloromethane
Concen: 19.534 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 129 Resp: 18132
Ion Ratio Lower Upper
129 100
127 79.6 39.1 117.2

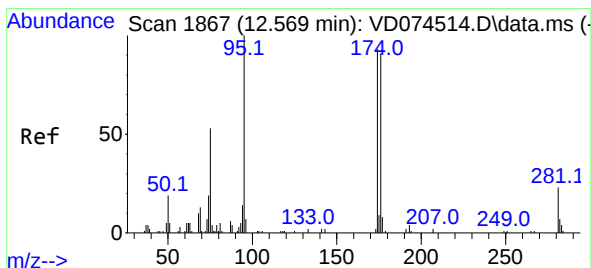
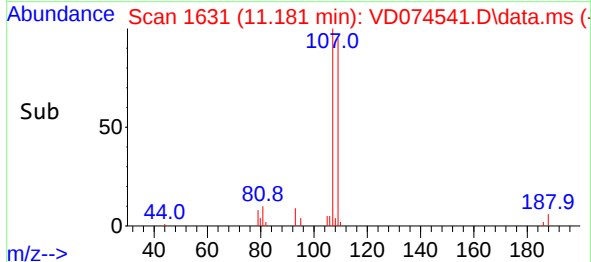
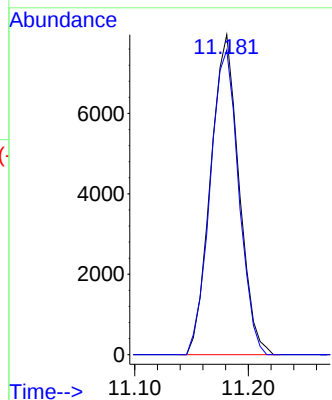
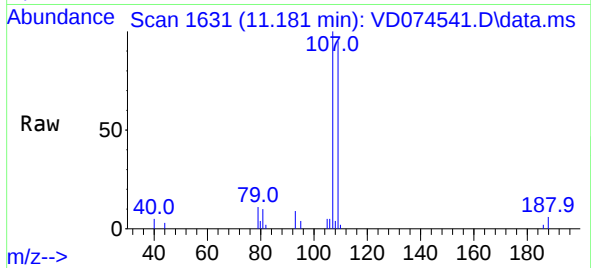




#61
1,2-Dibromoethane
Concen: 19.254 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

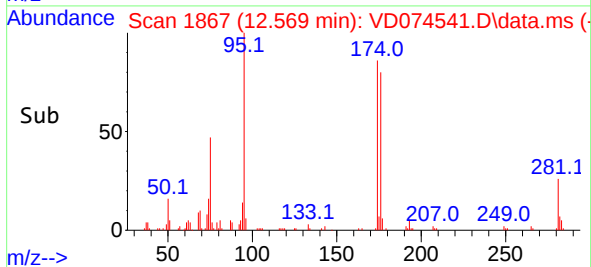
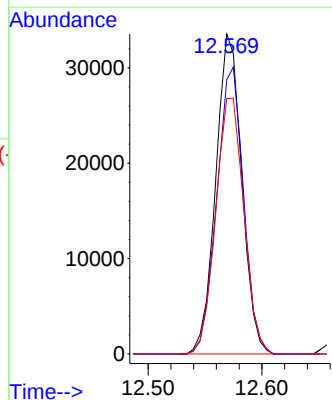
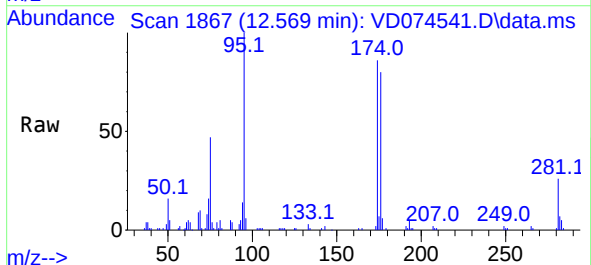
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

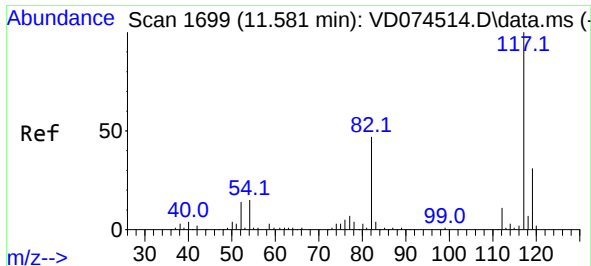
Tgt Ion:107 Resp: 13825
Ion Ratio Lower Upper
107 100
109 95.8 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 47.952 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 95 Resp: 53334
Ion Ratio Lower Upper
95 100
174 92.3 0.0 197.0
176 86.2 0.0 182.6

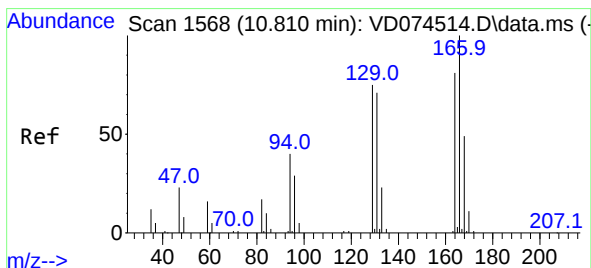
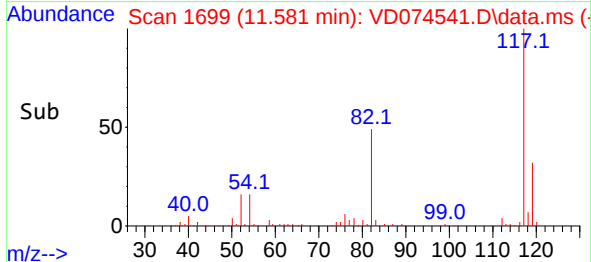
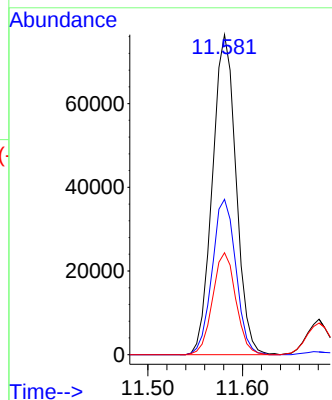
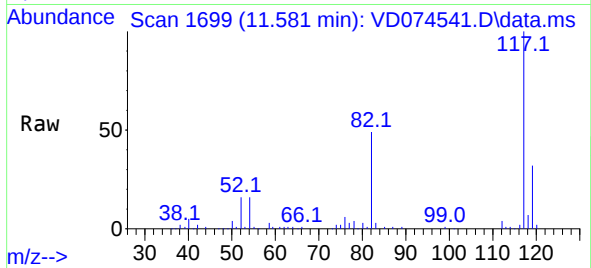




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

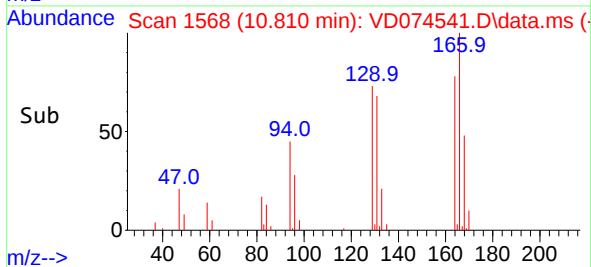
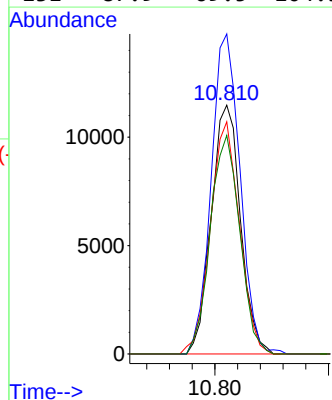
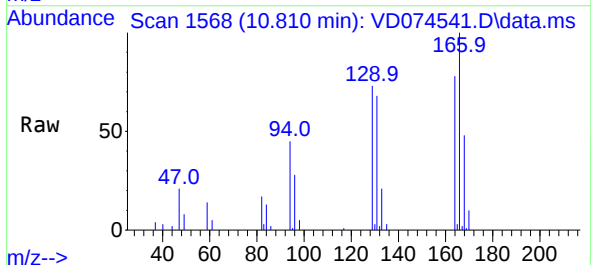
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

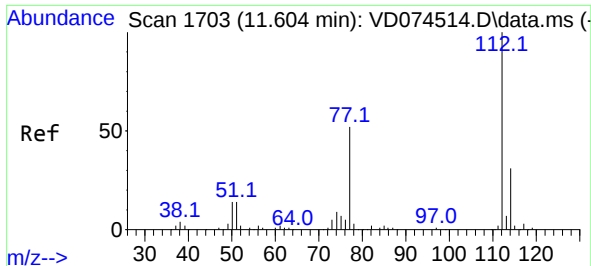
Tgt Ion:117 Resp: 132438
Ion Ratio Lower Upper
117 100
82 48.6 41.6 62.4
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 20.715 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion:164 Resp: 20543
Ion Ratio Lower Upper
164 100
166 128.6 107.8 161.8
129 93.3 77.4 116.2
131 87.9 69.5 104.3

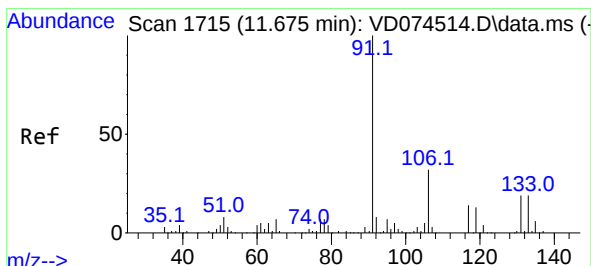
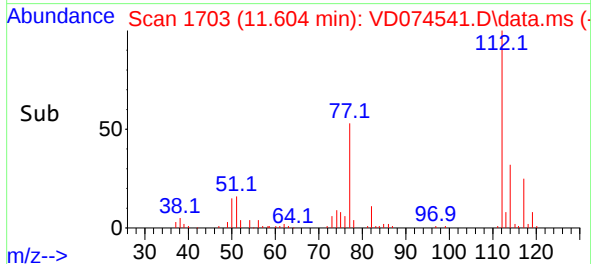
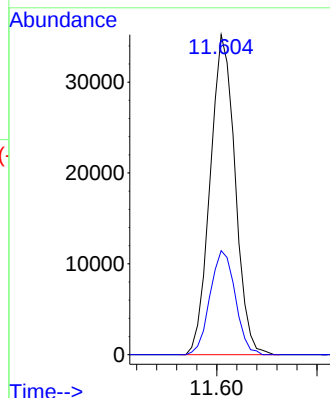
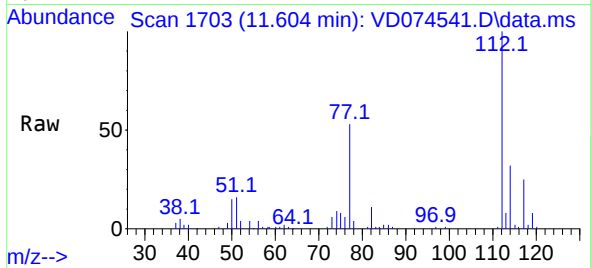




#65
Chlorobenzene
Concen: 21.392 ug/l
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

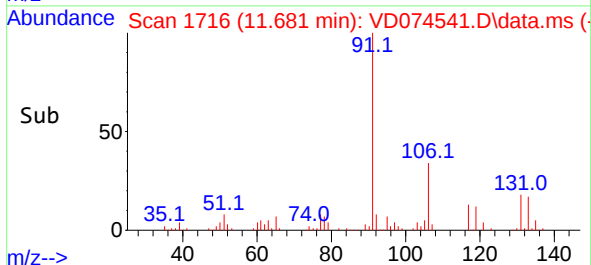
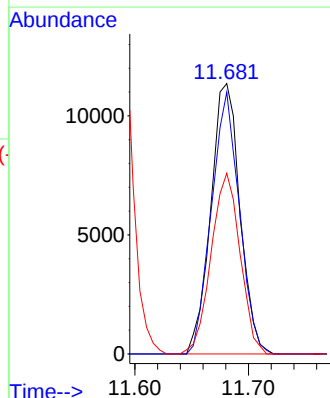
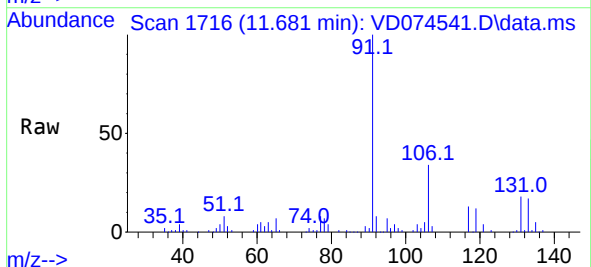
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

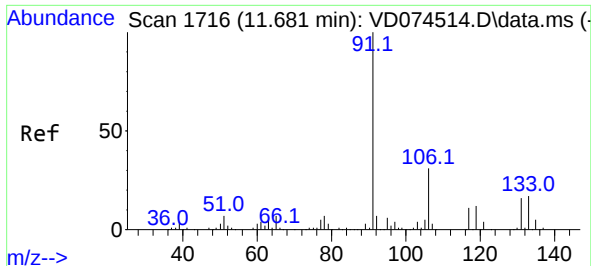
Tgt Ion:112 Resp: 60814
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.005 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion:131 Resp: 20262
Ion Ratio Lower Upper
131 100
133 92.8 46.6 139.8
119 66.2 32.5 97.4

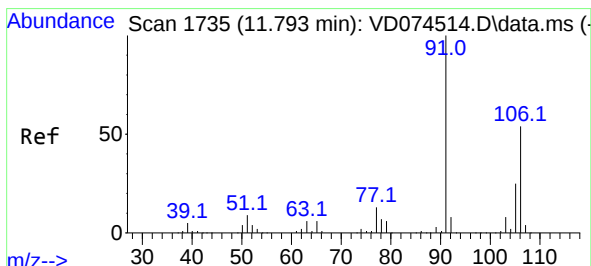
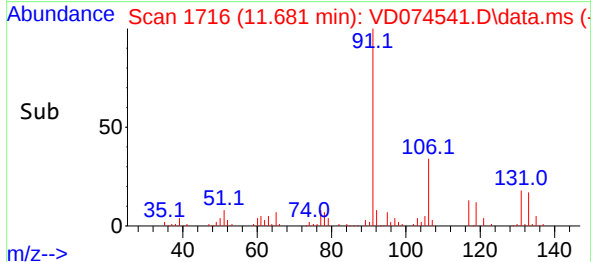
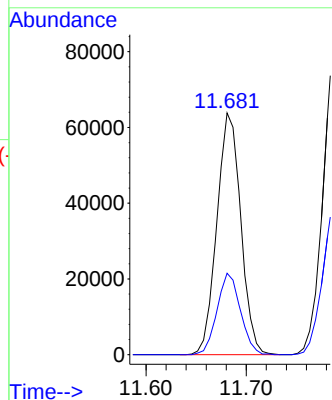
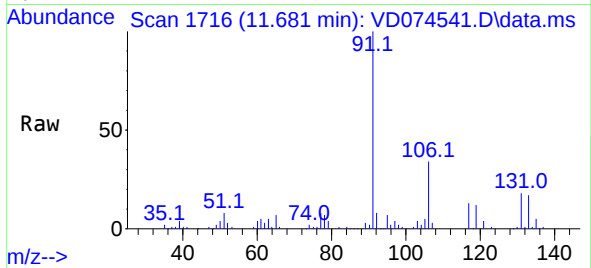




#67
Ethyl Benzene
Concen: 20.994 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

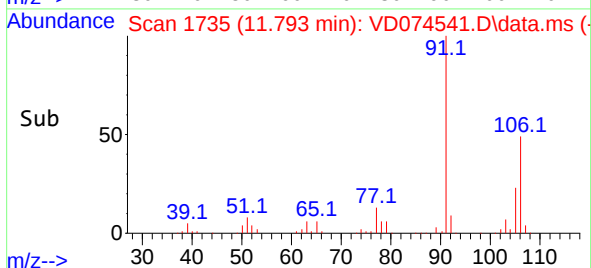
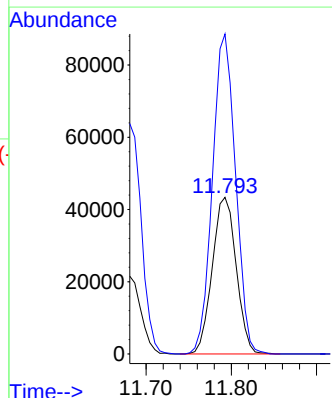
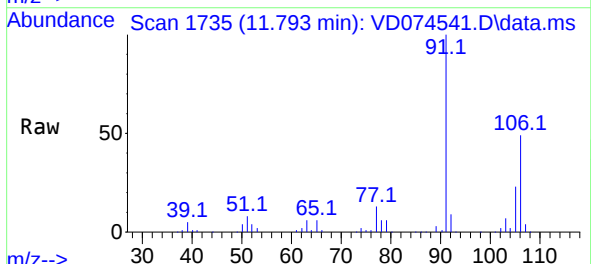
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

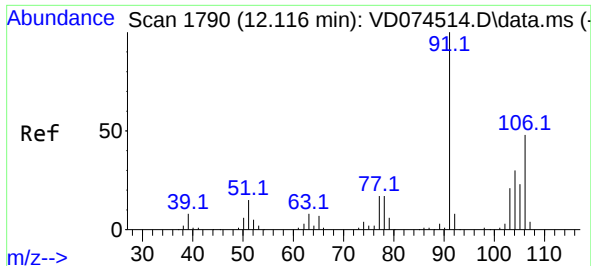
Tgt Ion: 91 Resp: 105792
Ion Ratio Lower Upper
91 100
106 33.7 26.6 40.0



#68
m/p-Xylenes
Concen: 42.110 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion:106 Resp: 84612
Ion Ratio Lower Upper
106 100
91 197.1 156.2 234.4





#69

o-Xylene

Concen: 21.101 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD074541.D

Acq: 17 Oct 2022 13:35

Instrument :

MSVOA_D

ClientSampleId :

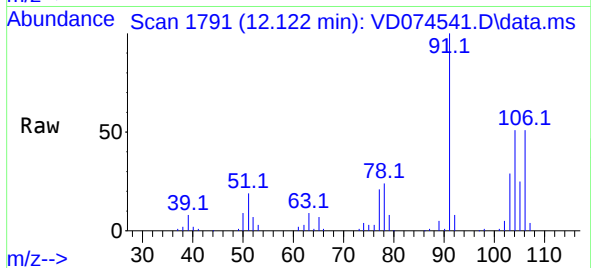
VD1017SBS01

Tgt Ion:106 Resp: 39449

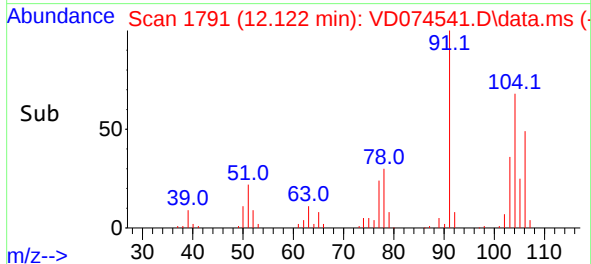
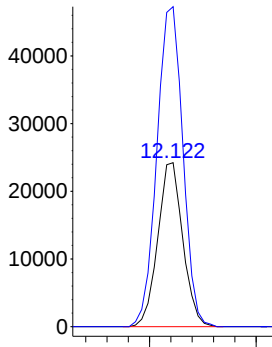
Ion Ratio Lower Upper

106 100

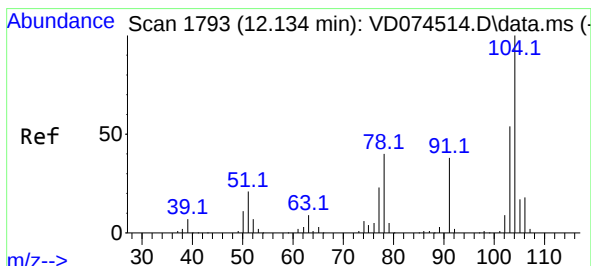
91 202.3 104.5 313.3



Abundance



Time-->



#70

Styrene

Concen: 21.596 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD074541.D

Acq: 17 Oct 2022 13:35

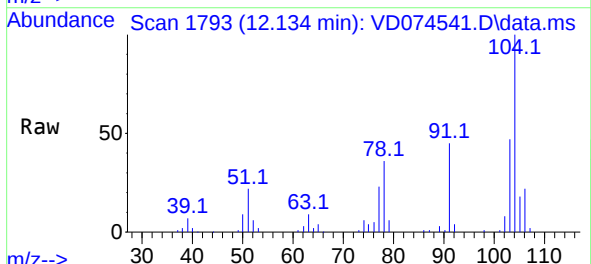
Tgt Ion:104 Resp: 68226

Ion Ratio Lower Upper

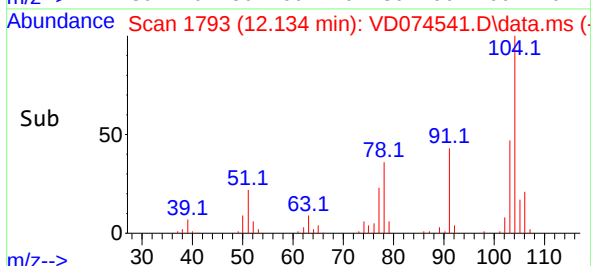
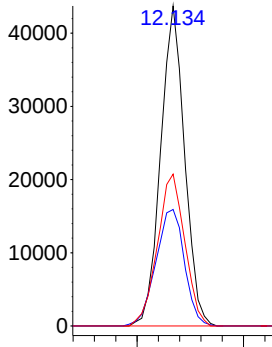
104 100

78 43.4 35.7 53.5

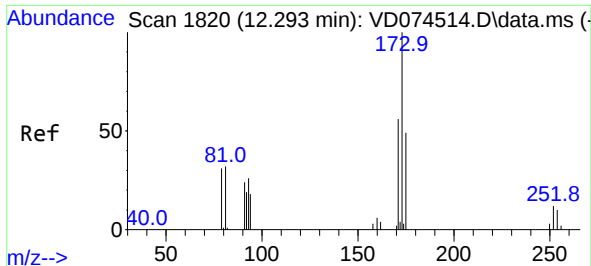
103 54.0 43.7 65.5



Abundance



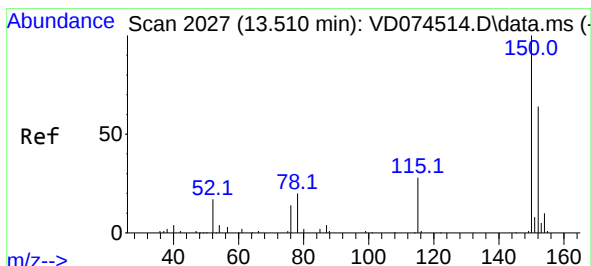
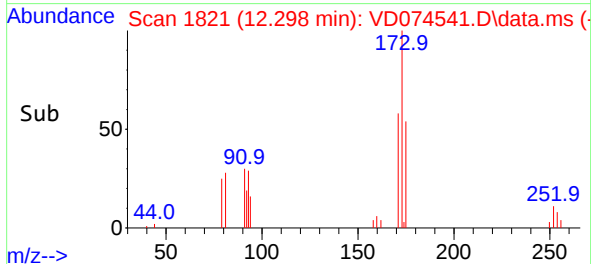
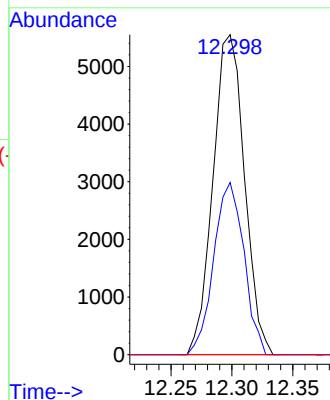
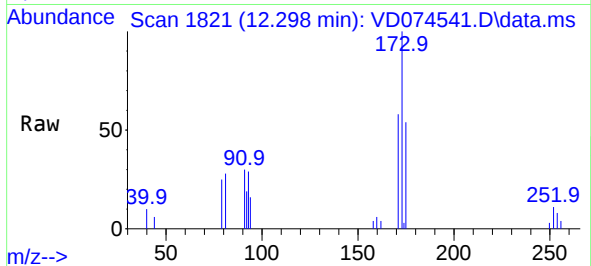
Time-->



#71
Bromoform
Concen: 20.341 ug/l
RT: 12.298 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

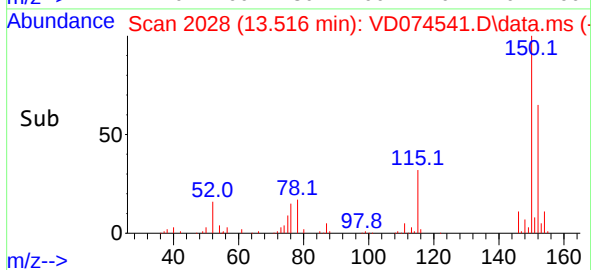
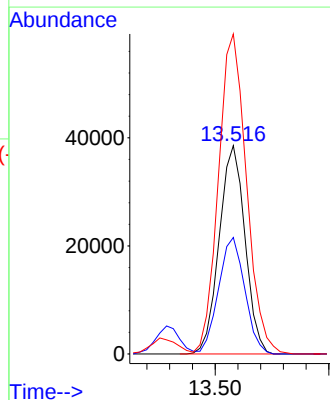
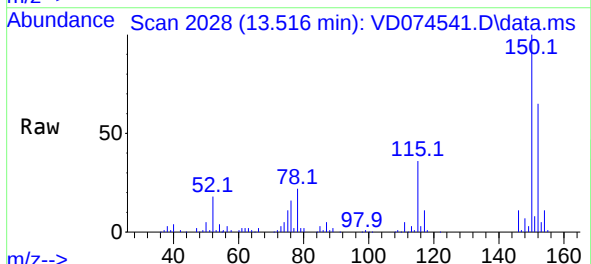
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

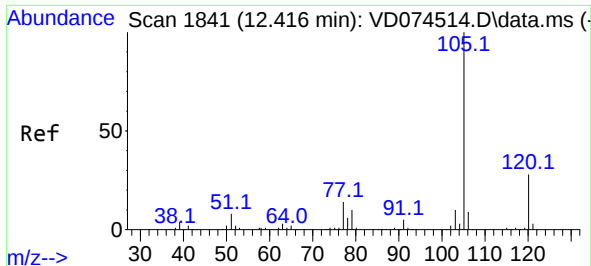
Tgt Ion:173 Resp: 9995
Ion Ratio Lower Upper
173 100
175 51.5 23.1 69.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion:152 Resp: 60906
Ion Ratio Lower Upper
152 100
115 56.9 26.8 80.4
150 166.9 0.0 348.2

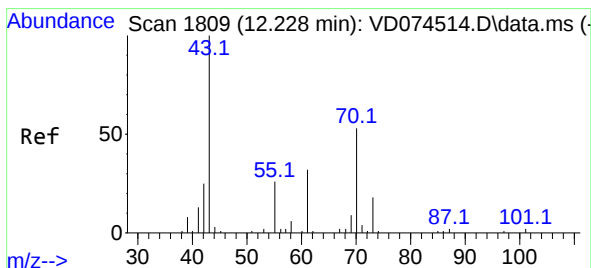
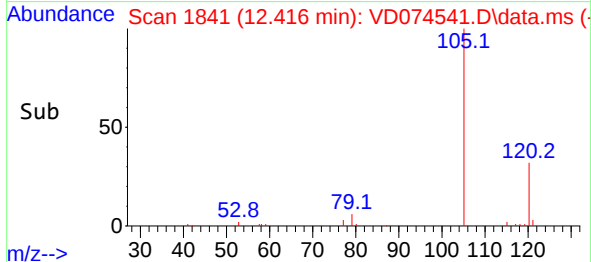
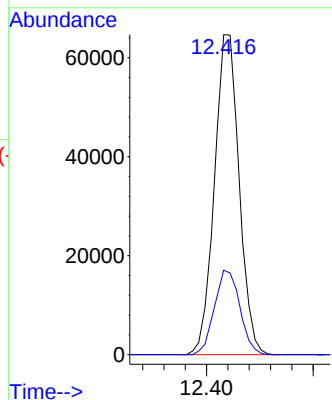
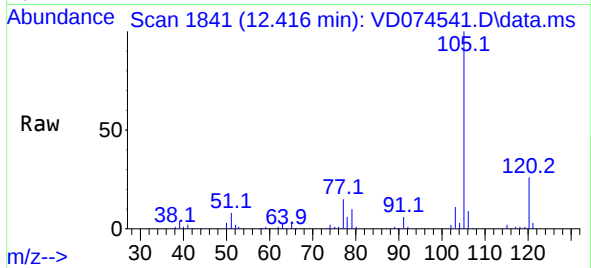




#73
Isopropylbenzene
Concen: 21.224 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

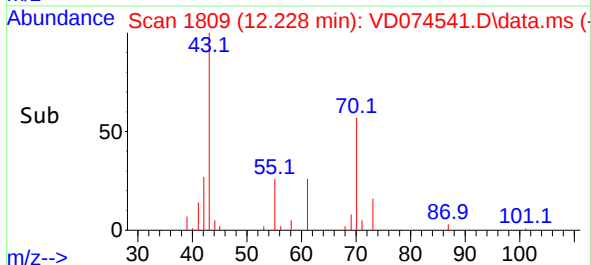
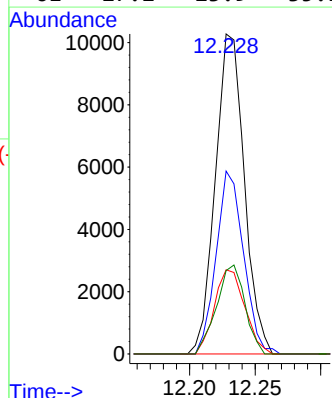
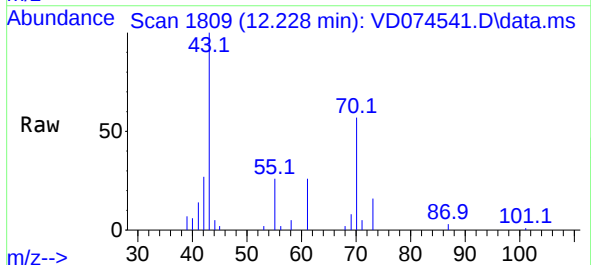
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

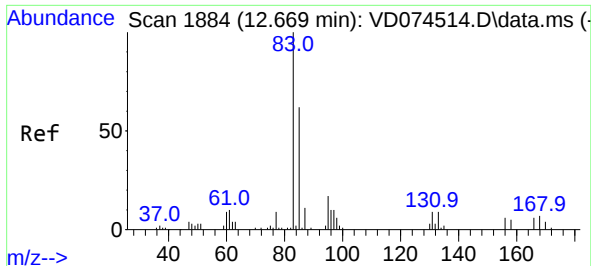
Tgt Ion:105 Resp: 103989
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 20.569 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 43 Resp: 15784
Ion Ratio Lower Upper
43 100
70 54.1 43.8 65.6
55 27.6 22.0 33.0
61 27.2 23.9 35.9

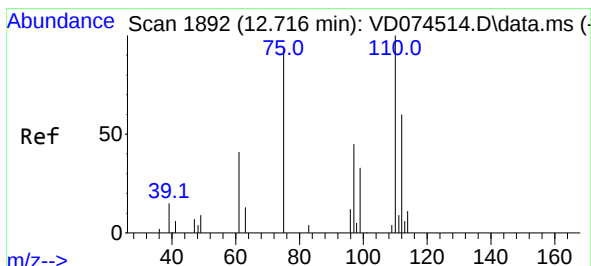
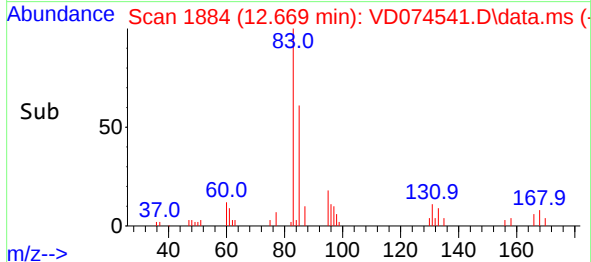
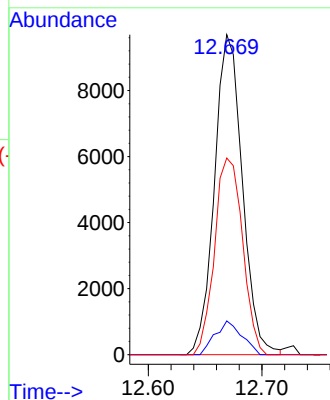
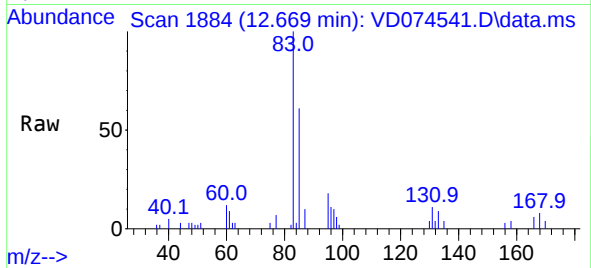




#75
1,1,2,2-Tetrachloroethane
Concen: 21.346 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

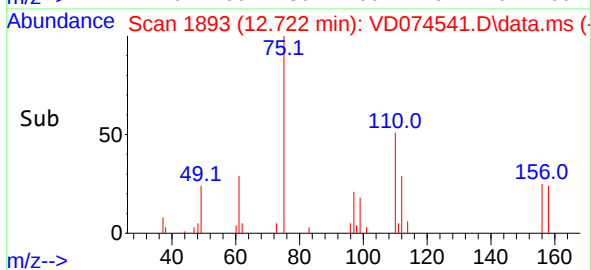
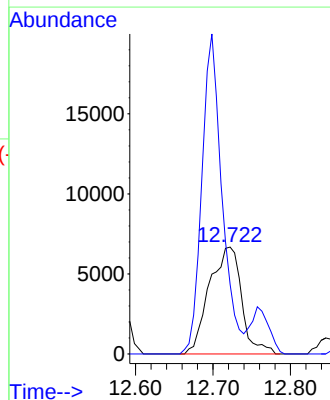
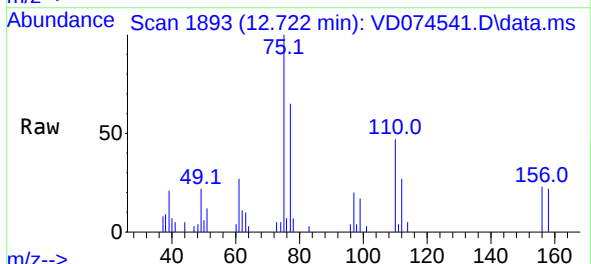
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

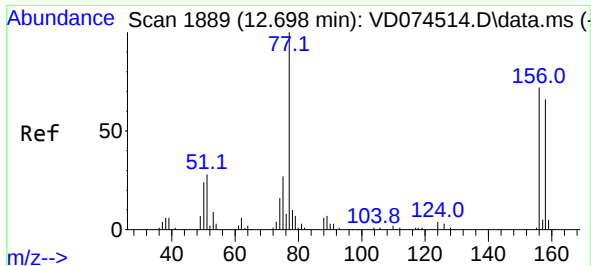
Tgt Ion: 83 Resp: 16544
Ion Ratio Lower Upper
83 100
131 10.0 4.7 14.1
85 61.6 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 37.092 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 75 Resp: 19307
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

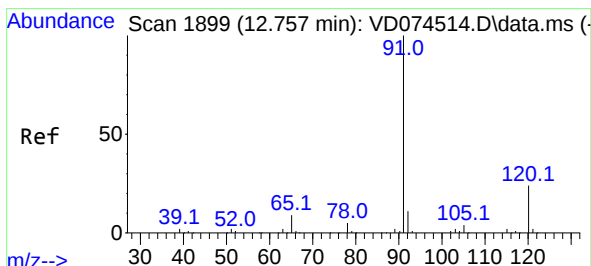
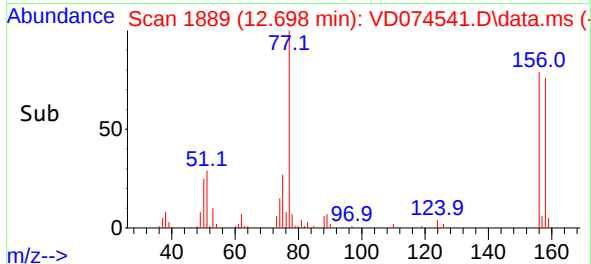
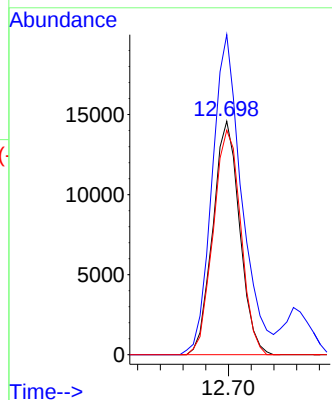
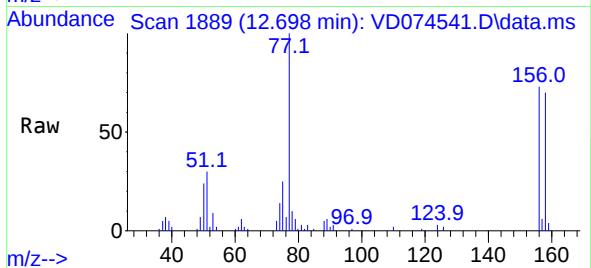




#77
Bromobenzene
Concen: 21.607 ug/l
RT: 12.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

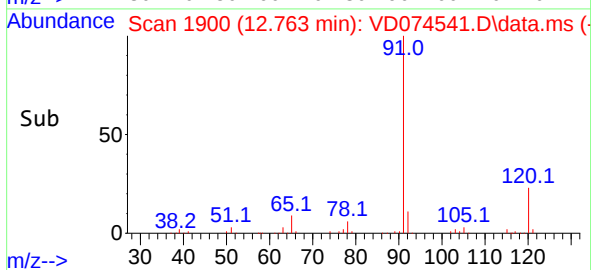
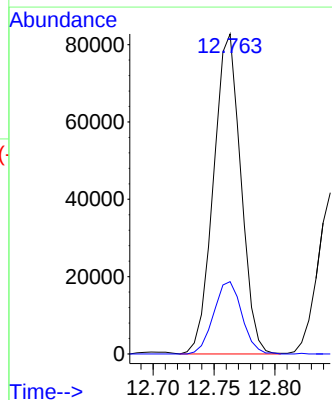
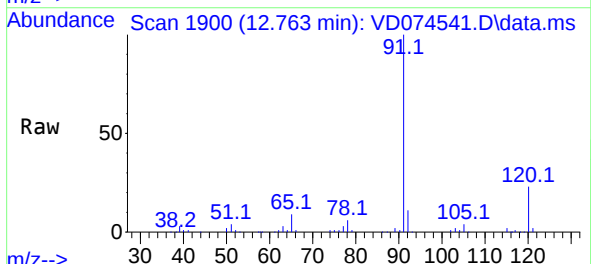
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

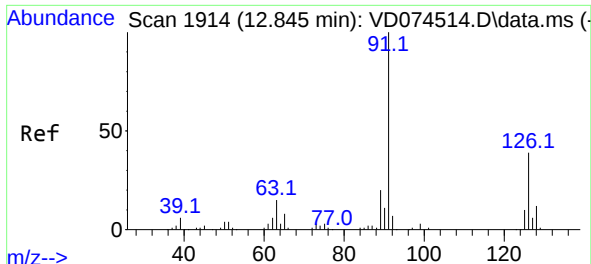
Tgt Ion:156 Resp: 23951
Ion Ratio Lower Upper
156 100
77 151.4 77.7 233.1
158 98.7 49.4 148.2



#78
n-propylbenzene
Concen: 21.802 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 91 Resp: 129234
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.7





#79

2-Chlorotoluene

Concen: 21.359 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD074541.D

Acq: 17 Oct 2022 13:35

Instrument :

MSVOA_D

ClientSampleId :

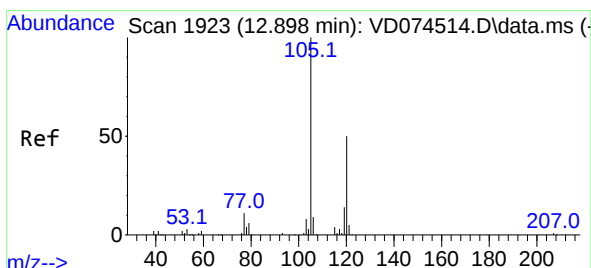
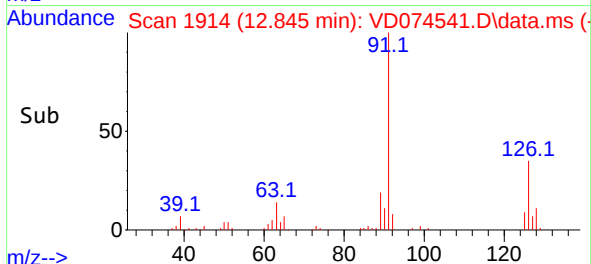
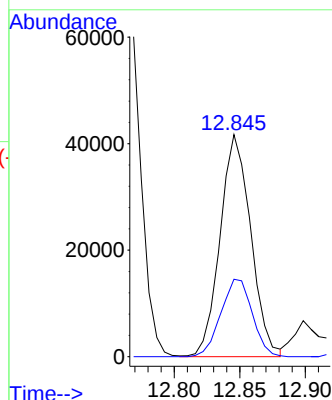
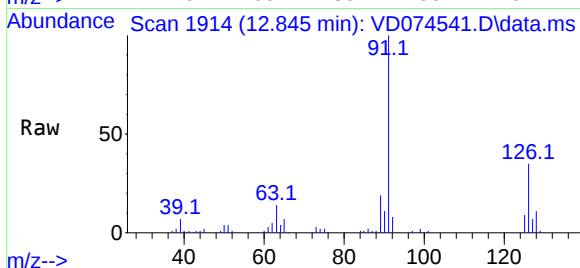
VD1017SBS01

Tgt Ion: 91 Resp: 67956

Ion Ratio Lower Upper

91 100

126 35.7 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 21.711 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.006 min

Lab File: VD074541.D

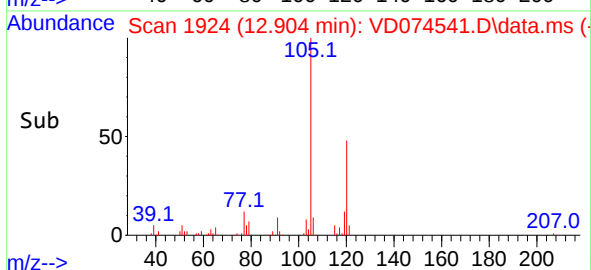
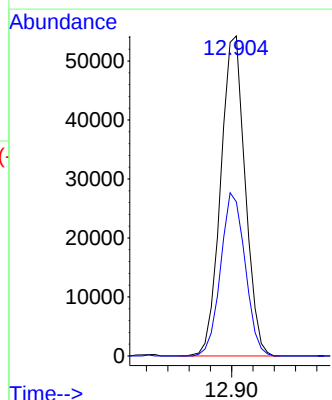
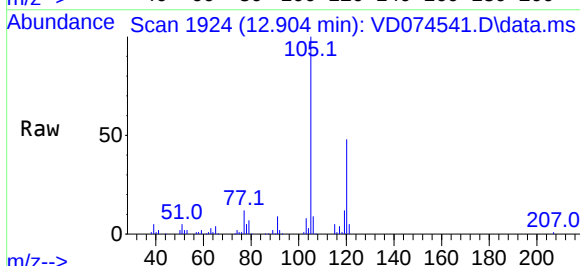
Acq: 17 Oct 2022 13:35

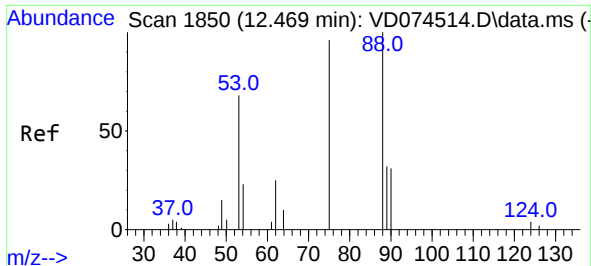
Tgt Ion: 105 Resp: 86457

Ion Ratio Lower Upper

105 100

120 51.0 25.7 77.0

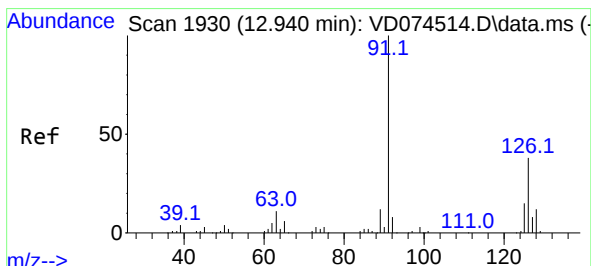
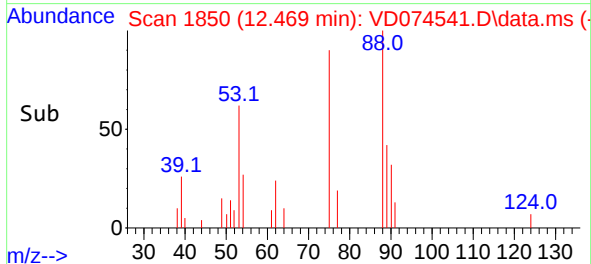
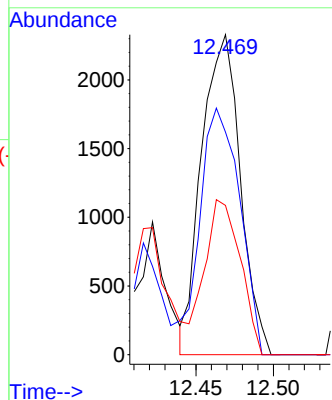
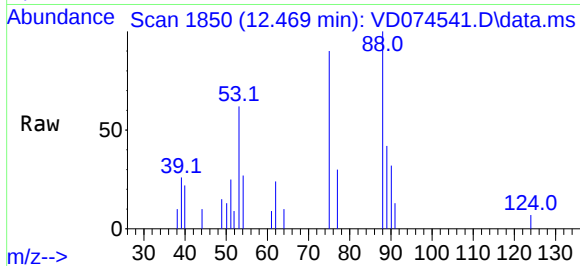




#81
trans-1,4-Dichloro-2-butene
Concen: 19.698 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

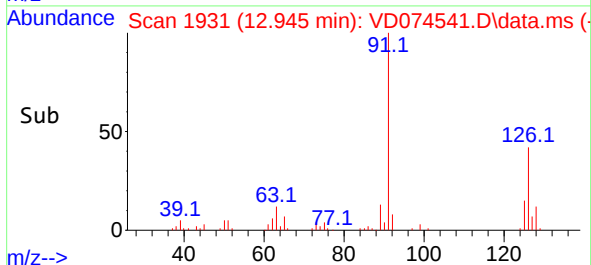
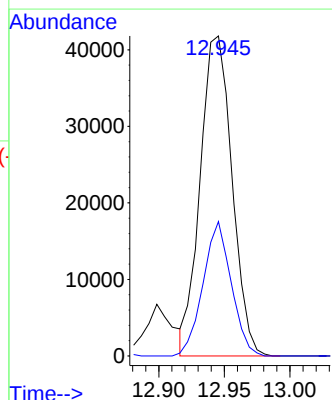
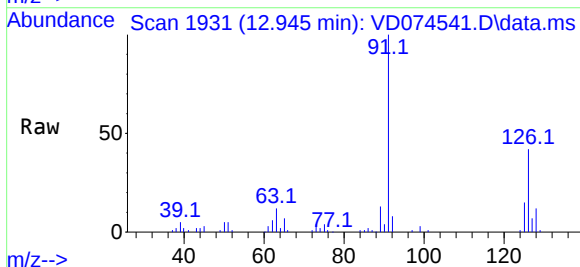
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

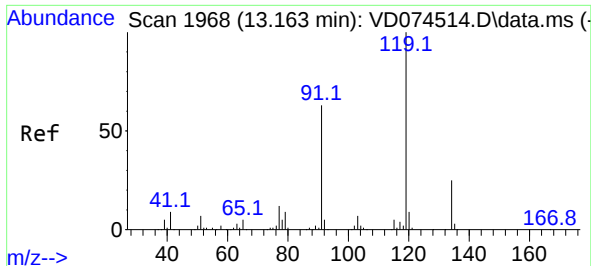
Tgt Ion:	75	Resp:	4042
Ion	Ratio	Lower	Upper
75	100		
53	80.5	63.8	95.6
89	44.2	38.2	57.4



#82
4-Chlorotoluene
Concen: 22.134 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.005 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion:	91	Resp:	70681
Ion	Ratio	Lower	Upper
91	100		
126	37.2	18.8	56.4

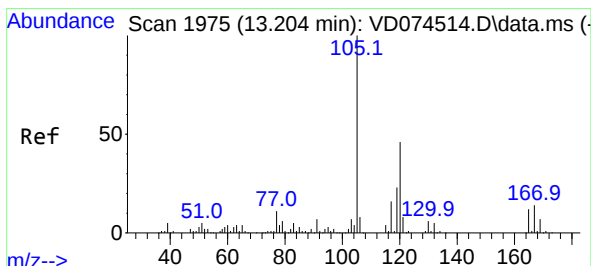
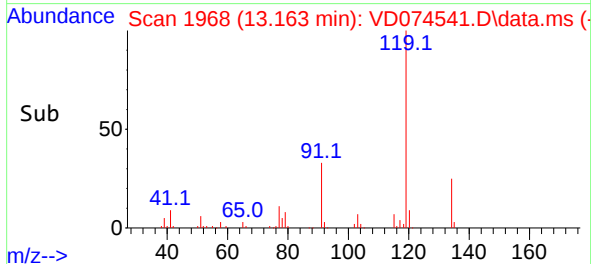
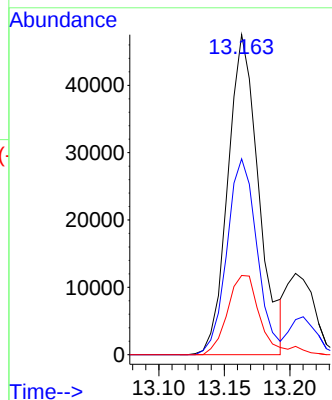
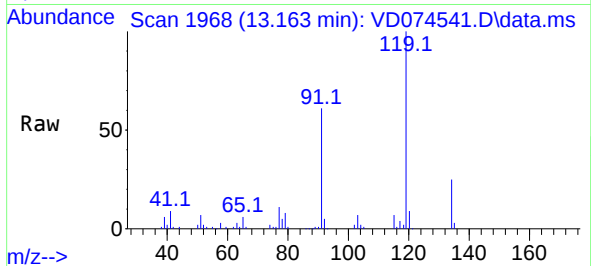




#83
tert-Butylbenzene
Concen: 22.296 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

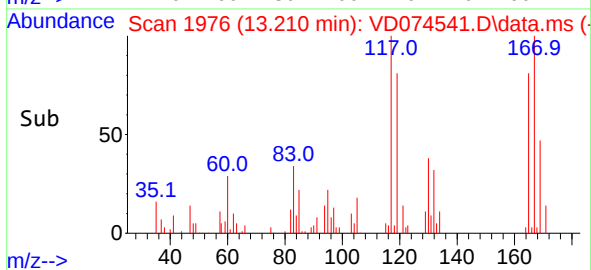
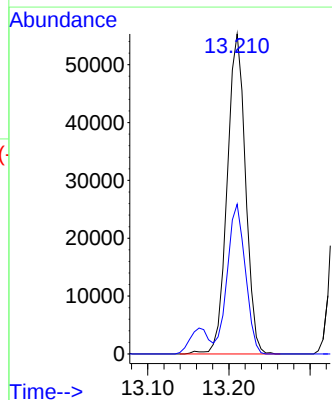
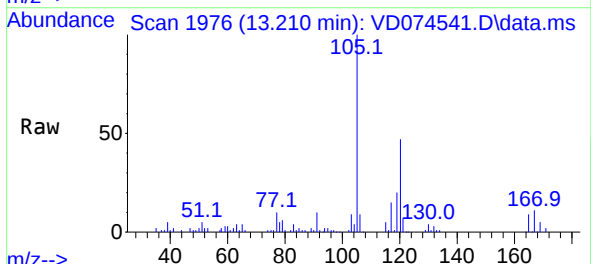
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

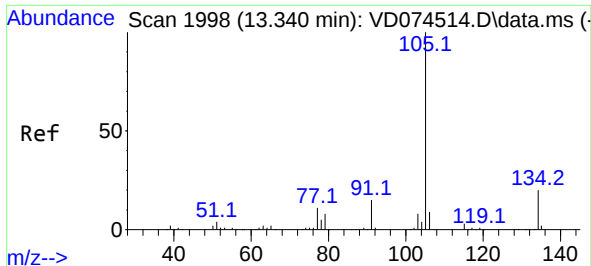
Tgt Ion:119 Resp: 77744
Ion Ratio Lower Upper
119 100
91 59.8 30.0 90.0
134 26.7 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 21.953 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion:105 Resp: 86599
Ion Ratio Lower Upper
105 100
120 46.0 22.9 68.7

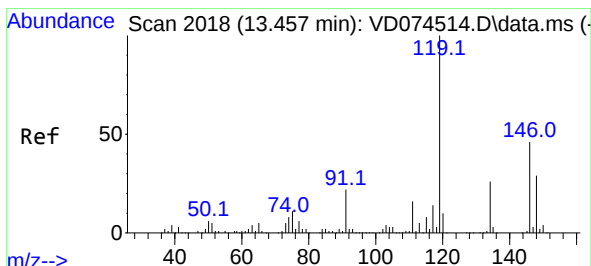
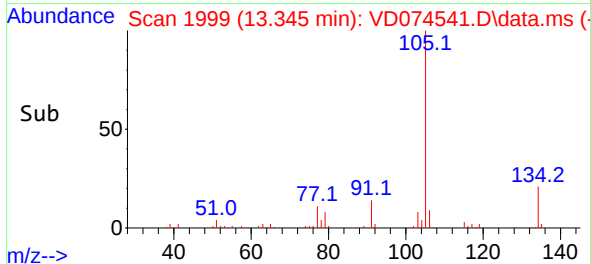
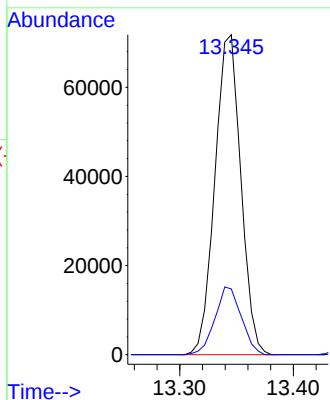
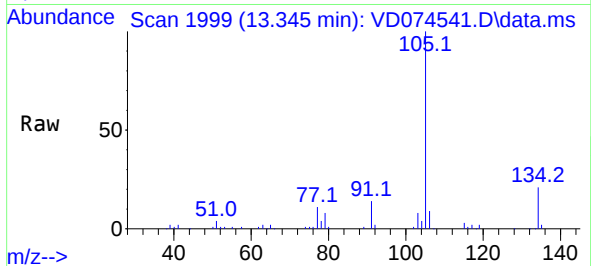




#85
 sec-Butylbenzene
 Concen: 21.444 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VD074541.D
 Acq: 17 Oct 2022 13:35

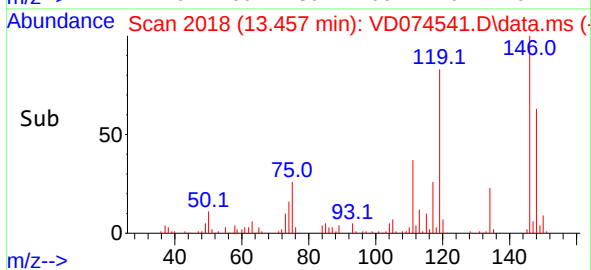
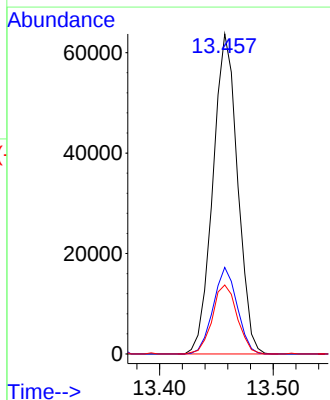
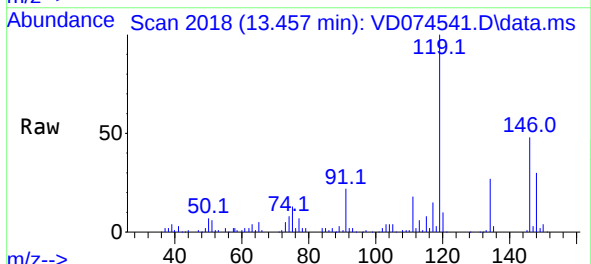
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1017SBS01

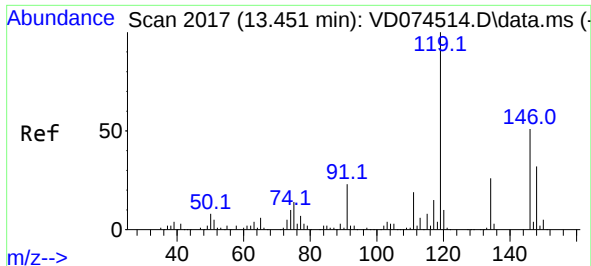
Tgt Ion:105 Resp: 113935
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 21.811 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD074541.D
 Acq: 17 Oct 2022 13:35

Tgt Ion:119 Resp: 96223
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 21.7 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 21.760 ug/l

RT: 13.457 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VD074541.D

Acq: 17 Oct 2022 13:35

Instrument :

MSVOA_D

ClientSampleId :

VD1017SBS01

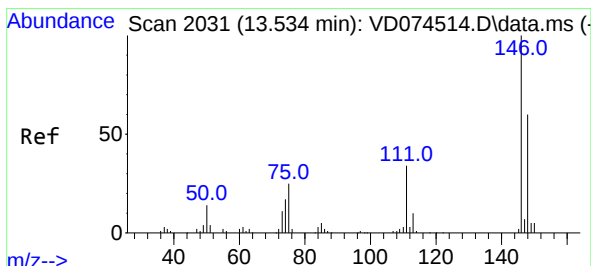
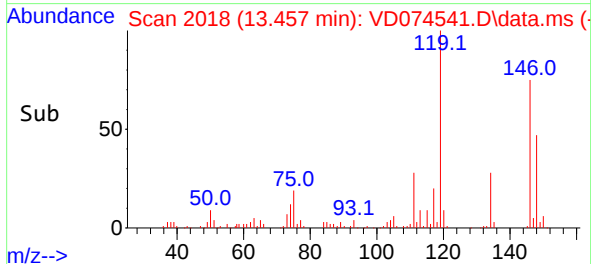
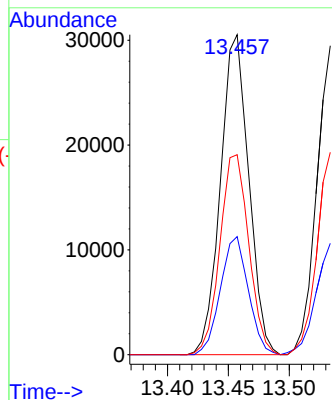
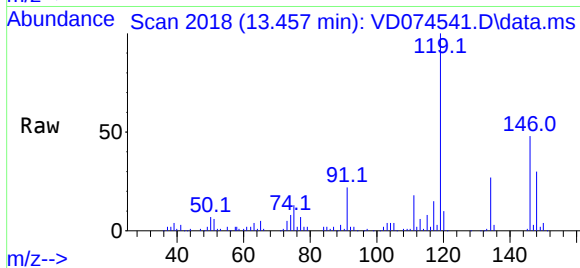
Tgt Ion:146 Resp: 49417

Ion Ratio Lower Upper

146 100

111 36.4 18.3 54.8

148 63.7 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 21.350 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD074541.D

Acq: 17 Oct 2022 13:35

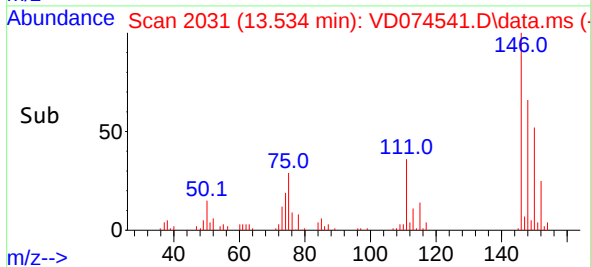
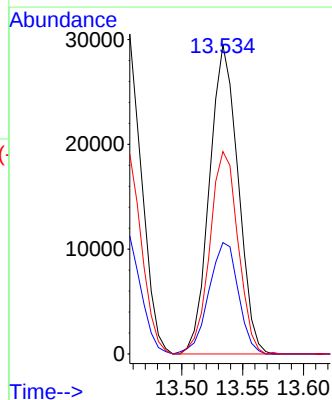
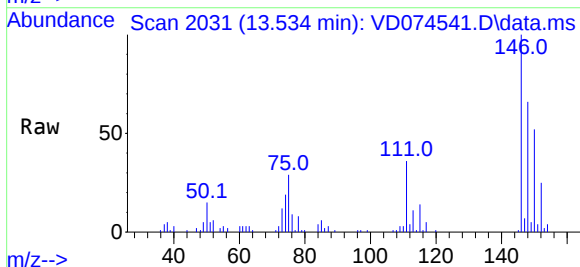
Tgt Ion:146 Resp: 48117

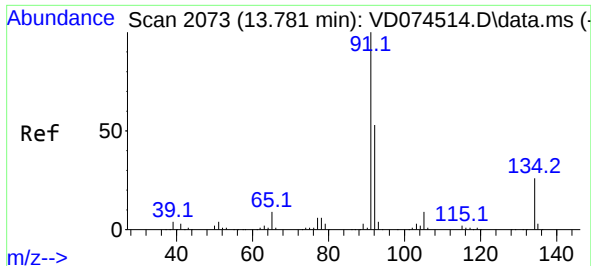
Ion Ratio Lower Upper

146 100

111 37.3 17.7 53.1

148 64.8 32.3 96.9

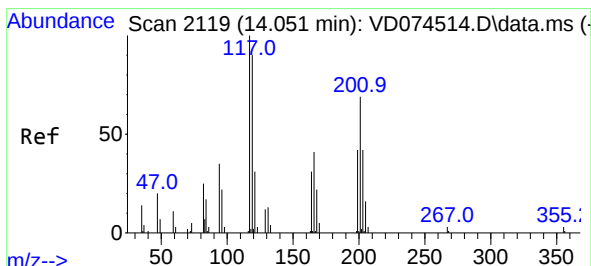
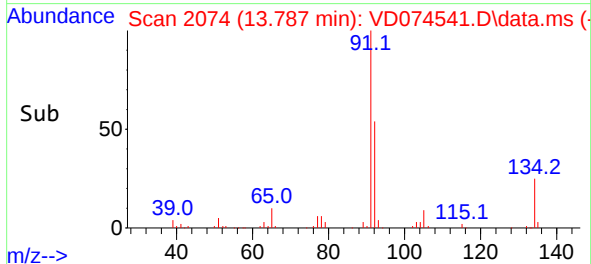
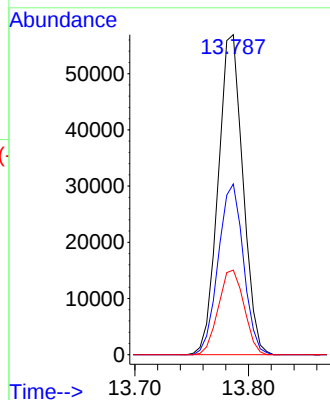
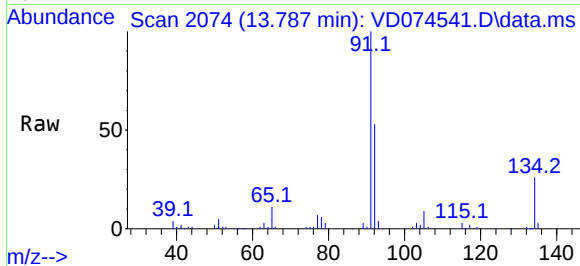




#89
n-Butylbenzene
Concen: 20.946 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

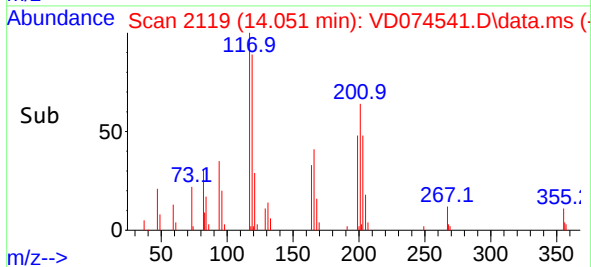
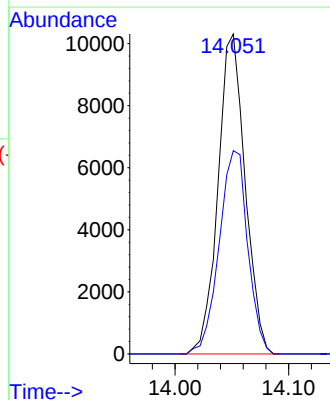
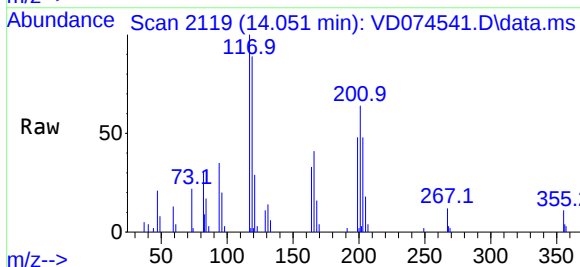
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

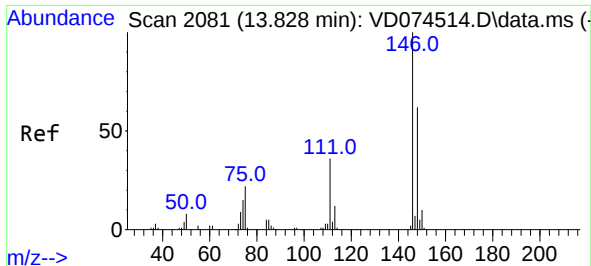
Tgt Ion: 91 Resp: 86319
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 27.4 13.4 40.2



#90
Hexachloroethane
Concen: 21.978 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion: 117 Resp: 17119
Ion Ratio Lower Upper
117 100
201 66.8 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 21.713 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD074541.D

Acq: 17 Oct 2022 13:35

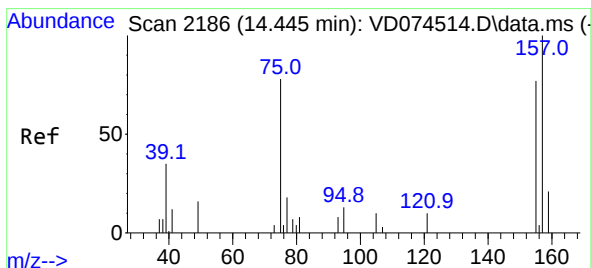
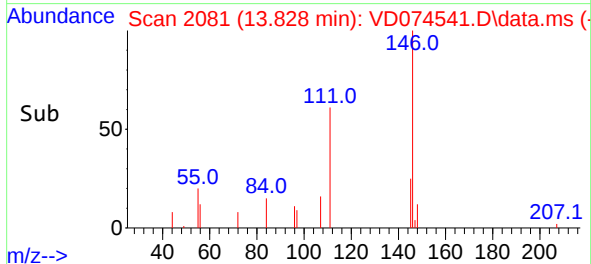
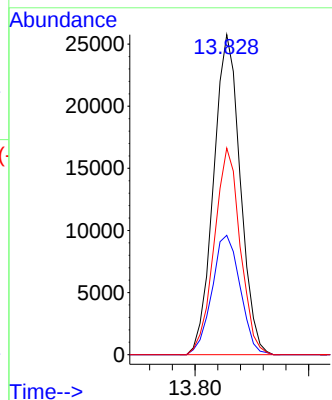
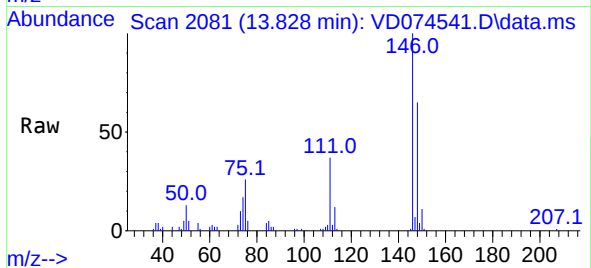
Instrument :

MSVOA_D

ClientSampleId :

VD1017SBS01

Tgt Ion:146	Resp:	42065
Ion	Ratio	Lower Upper
146	100	
111	39.4	18.9 56.5
148	62.9	31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.462 ug/l

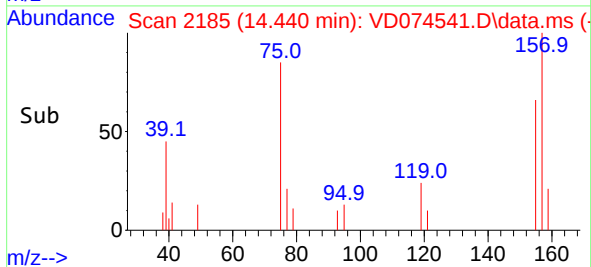
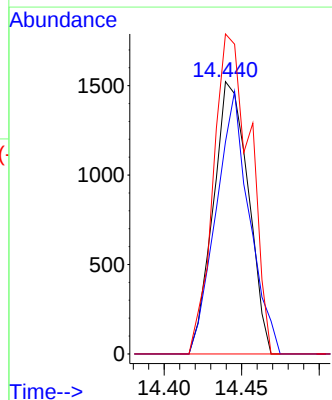
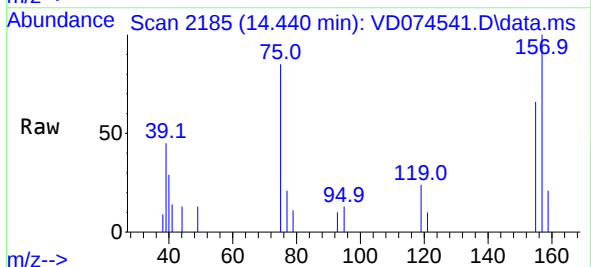
RT: 14.440 min Scan# 2185

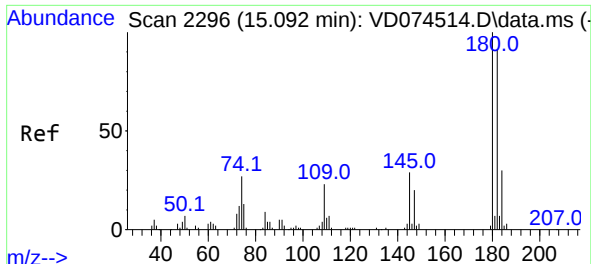
Delta R.T. 0.001 min

Lab File: VD074541.D

Acq: 17 Oct 2022 13:35

Tgt Ion: 75	Resp:	2380
Ion	Ratio	Lower Upper
75	100	
155	92.3	51.2 153.8
157	123.5	68.2 204.5

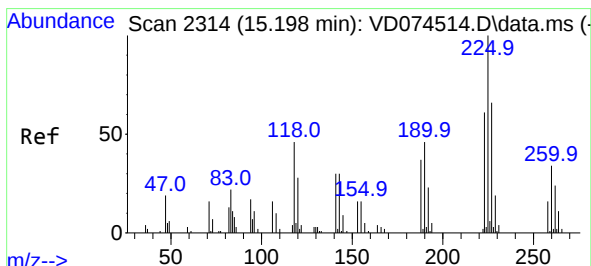
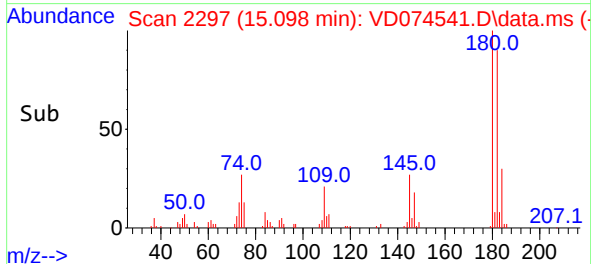
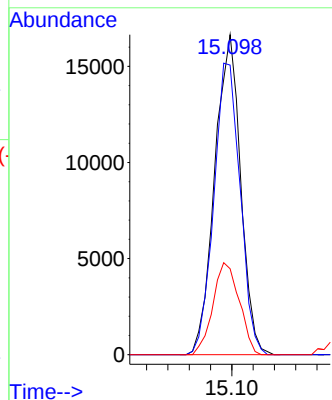
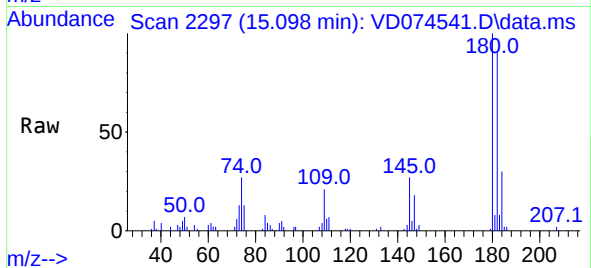




#93
1,2,4-Trichlorobenzene
Concen: 21.976 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

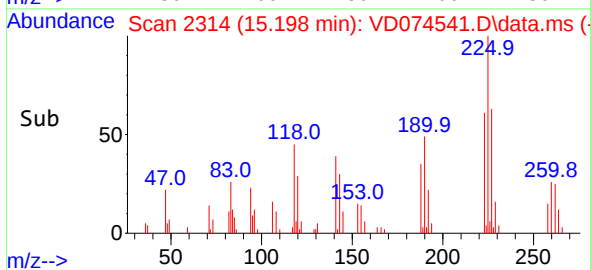
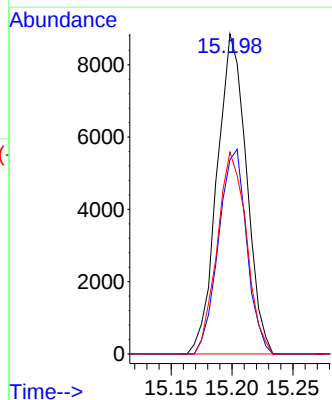
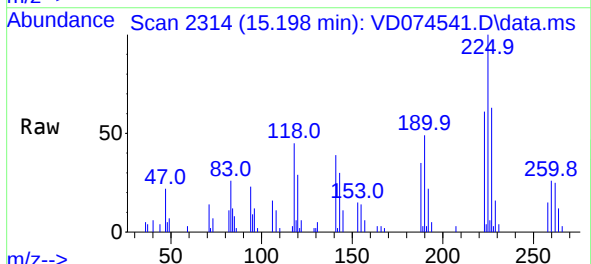
Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

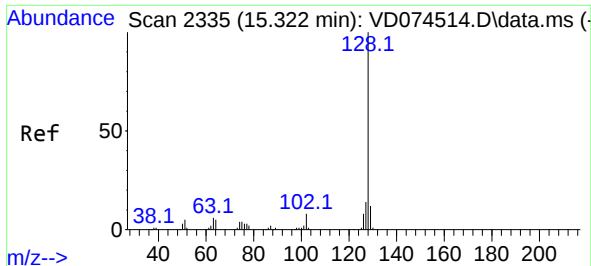
Tgt Ion:	180	Resp:	28073
Ion Ratio	Lower	Upper	
180	100		
182	92.5	46.9	140.6
145	29.3	14.1	42.3



#94
Hexachlorobutadiene
Concen: 22.389 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. 0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion:	225	Resp:	14870
Ion Ratio	Lower	Upper	
225	100		
223	61.2	31.9	95.5
227	62.7	32.6	97.8

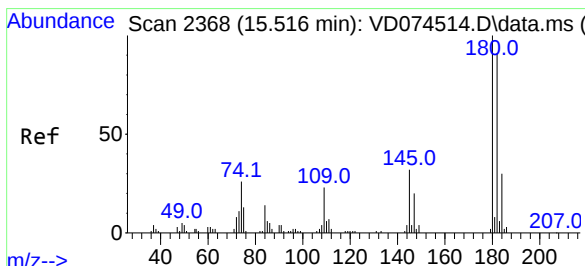
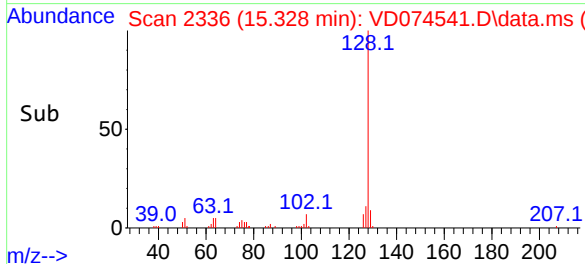
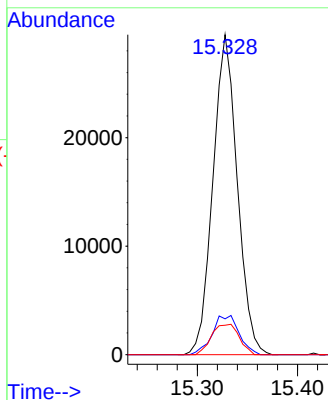
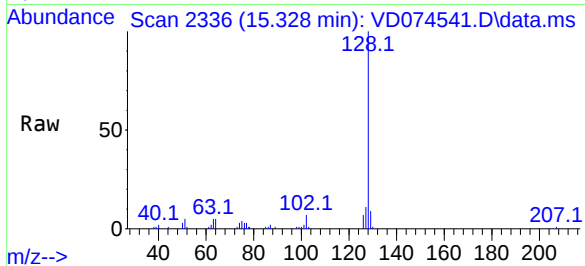




#95
Naphthalene
Concen: 20.630 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Instrument :
MSVOA_D
ClientSampleId :
VD1017SBS01

Tgt Ion:	128	Resp:	49770
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	10.8	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 22.034 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD074541.D
Acq: 17 Oct 2022 13:35

Tgt Ion:	180	Resp:	24027
Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.7	140.1
145	30.9	14.9	44.7

