

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101122\
 Data File : VD074518.D
 Acq On : 11 Oct 2022 14:50
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Oct 12 00:44:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 00:39:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	93285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	163356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	146092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	67358	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	8615	10.729	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.460%#
35) Dibromofluoromethane	7.799	113	13987	13.081	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	26.160%#
50) Toluene-d8	10.269	98	33096	9.217	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	18.440%#
62) 4-Bromofluorobenzene	12.569	95	19891	14.947	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	29.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	8286	9.187	ug/l	91
3) Chloromethane	2.146	50	11760	10.477	ug/l	95
4) Vinyl Chloride	2.281	62	11339	9.765	ug/l	95
5) Bromomethane	2.687	94	9147	11.104	ug/l	97
6) Chloroethane	2.834	64	7900	10.197	ug/l	99
7) Trichlorofluoromethane	3.170	101	18094	10.183	ug/l	90
8) Diethyl Ether	3.587	74	5175	9.702	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.964	101	12096	10.128	ug/l	97
10) Methyl Iodide	4.158	142	10631	7.764	ug/l	99
11) Tert butyl alcohol	5.011	59	11086	69.678	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	12526	10.296	ug/l	96
13) Acrolein	3.793	56	2255	54.956	ug/l	100
14) Allyl chloride	4.564	41	13279	10.027	ug/l	98
15) Acrylonitrile	5.264	53	10199	48.032	ug/l	95
16) Acetone	4.022	43	7792	44.987	ug/l	100
17) Carbon Disulfide	4.270	76	36271	10.084	ug/l #	93
18) Methyl Acetate	4.570	43	5402	9.801	ug/l	91
19) Methyl tert-butyl Ether	5.317	73	22333	9.647	ug/l	98
20) Methylene Chloride	4.799	84	24248	13.437	ug/l	94
21) trans-1,2-Dichloroethene	5.317	96	13268	10.126	ug/l #	84
22) Diisopropyl ether	6.222	45	27294	10.308	ug/l #	97
23) Vinyl Acetate	6.158	43	40015	36.962	ug/l	97
24) 1,1-Dichloroethane	6.111	63	21063	10.276	ug/l	99
25) 2-Butanone	7.075	43	12085	50.545	ug/l	96
26) 2,2-Dichloropropane	7.075	77	19054	10.560	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	14565	10.436	ug/l	96
28) Bromochloromethane	7.434	49	5875	10.855	ug/l #	96
29) Tetrahydrofuran	7.446	42	6605	50.093	ug/l	95
30) Chloroform	7.599	83	20150	10.146	ug/l	99
31) Cyclohexane	7.875	56	18435	10.791	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	18631	10.360	ug/l	97
36) 1,1-Dichloropropene	8.005	75	16673	10.635	ug/l	96
37) Ethyl Acetate	7.169	43	5595	10.873	ug/l #	89
38) Carbon Tetrachloride	7.993	117	14168	9.774	ug/l	97
39) Methylcyclohexane	9.275	83	19338	9.855	ug/l	96
40) Benzene	8.252	78	46771	10.024	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	2830	9.196	ug/l #	86
42) 1,2-Dichloroethane	8.334	62	11029	10.003	ug/l	97
43) Isopropyl Acetate	8.363	43	9173	9.702	ug/l	97
44) Trichloroethene	9.028	130	13502	10.115	ug/l	98
45) 1,2-Dichloropropane	9.305	63	10657	10.025	ug/l	96
46) Dibromomethane	9.393	93	6122	10.249	ug/l	90
47) Bromodichloromethane	9.587	83	14951	10.126	ug/l #	93
48) Methyl methacrylate	9.381	41	4476	9.783	ug/l	95
49) 1,4-Dioxane	9.387	88	1064	171.466	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	23354	49.932	ug/l	96
52) Toluene	10.334	92	29765	10.093	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	11838	9.196	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	16070	9.883	ug/l #	91
55) 1,1,2-Trichloroethane	10.728	97	8702	10.868	ug/l	94
56) Ethyl methacrylate	10.599	69	9107	9.867	ug/l	95
57) 1,3-Dichloropropane	10.881	76	13979	10.439	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	5544	31.986	ug/l	98
59) 2-Hexanone	10.922	43	14625	46.711	ug/l	98
60) Dibromochloromethane	11.075	129	9667	10.037	ug/l	97
61) 1,2-Dibromoethane	11.181	107	7889	10.589	ug/l	96
64) Tetrachloroethene	10.804	164	11732	10.724	ug/l	91
65) Chlorobenzene	11.604	112	31651	10.093	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.675	131	10831	10.179	ug/l	98
67) Ethyl Benzene	11.681	91	56848	10.227	ug/l	98
68) m/p-Xylenes	11.793	106	44639	20.140	ug/l	100
69) o-Xylene	12.116	106	21267	10.312	ug/l	93
70) Styrene	12.134	104	35203	10.102	ug/l	97
71) Bromoform	12.299	173	5689	10.496	ug/l #	99
73) Isopropylbenzene	12.416	105	55320	10.209	ug/l	98
74) N-amyl acetate	12.228	43	8172	9.629	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	8737	10.193	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	10177	19.734	ug/l #	1
77) Bromobenzene	12.698	156	12375	10.095	ug/l	97
78) n-propylbenzene	12.757	91	67642	10.318	ug/l	99
79) 2-Chlorotoluene	12.846	91	36702	10.431	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	44873	10.189	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	1985	8.747	ug/l	93
82) 4-Chlorotoluene	12.946	91	36433	10.316	ug/l	98
83) tert-Butylbenzene	13.163	119	39528	10.250	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	44959	10.305	ug/l	99
85) sec-Butylbenzene	13.340	105	61860	10.528	ug/l	99
86) p-Isopropyltoluene	13.457	119	50547	10.360	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	25966	10.338	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	26793	10.749	ug/l	98
89) n-Butylbenzene	13.781	91	46399	10.181	ug/l	98
90) Hexachloroethane	14.051	117	8702	10.102	ug/l	95
91) 1,2-Dichlorobenzene	13.822	146	22256	10.388	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1001	8.542	ug/l	89
93) 1,2,4-Trichlorobenzene	15.092	180	14171	10.031	ug/l	99
94) Hexachlorobutadiene	15.198	225	7439	10.128	ug/l	96
95) Naphthalene	15.328	128	25865	9.694	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	11886	9.856	ug/l	99

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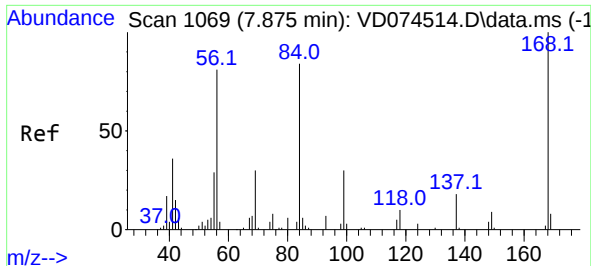
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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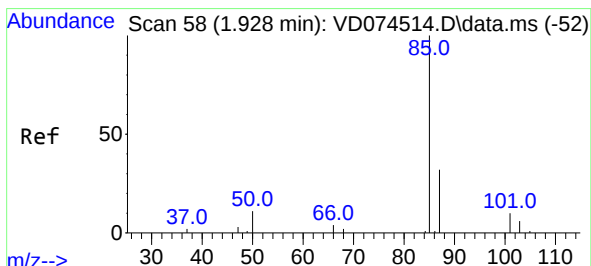
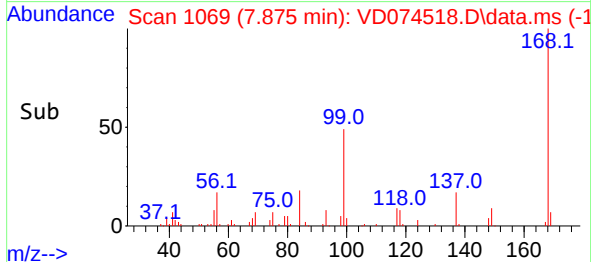
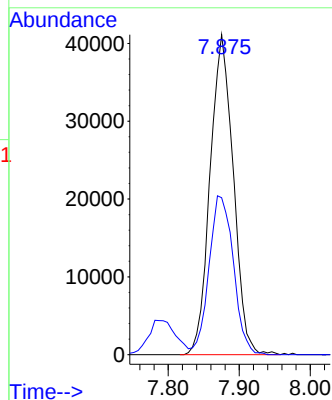
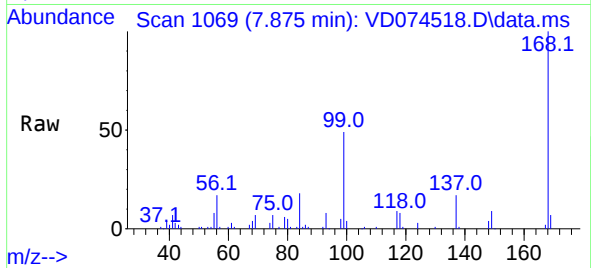




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074518.D
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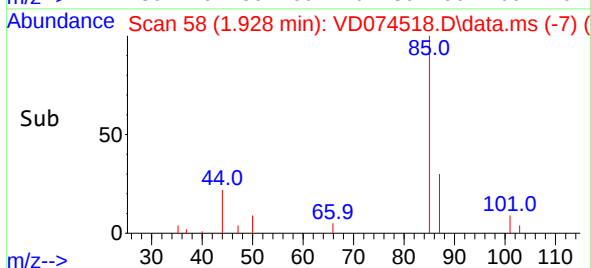
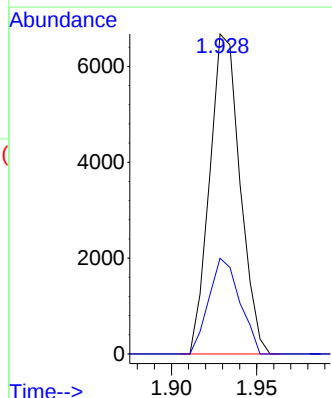
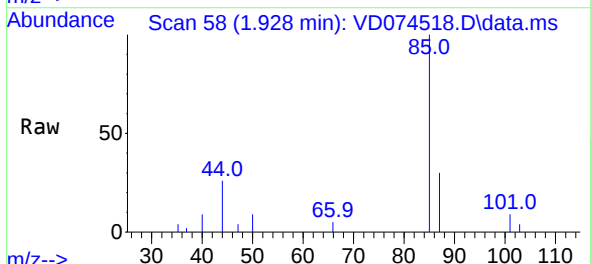
Instrument :
MSVOA_D
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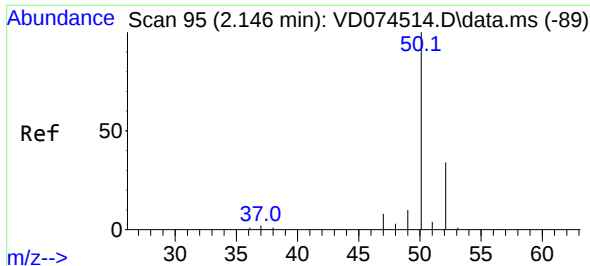
Tgt Ion:168 Resp: 93285
Ion Ratio Lower Upper
168 100
99 49.1 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 9.187 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion: 85 Resp: 8286
Ion Ratio Lower Upper
85 100
87 29.9 17.5 52.6

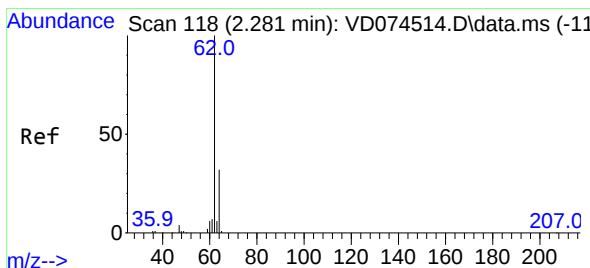
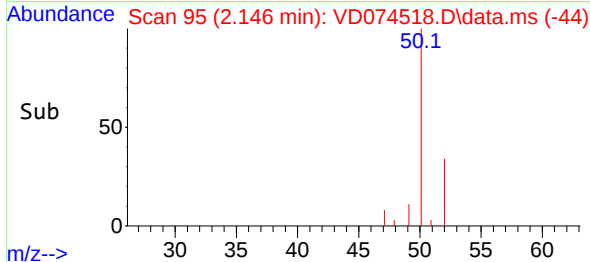
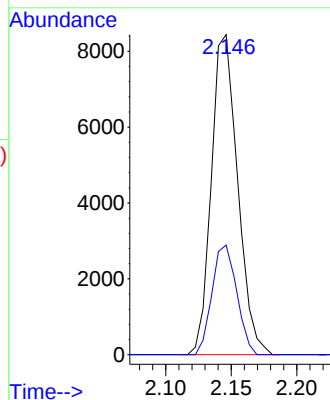
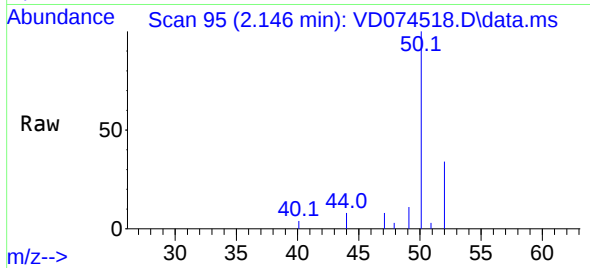




#3
Chloromethane
Concen: 10.477 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

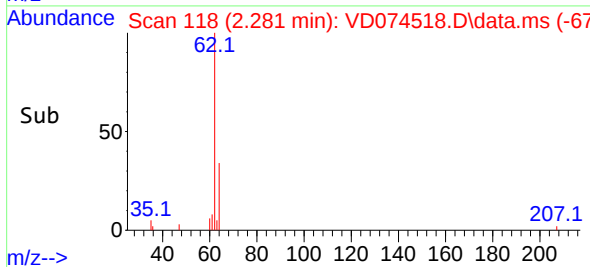
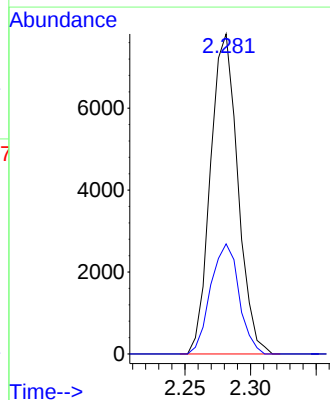
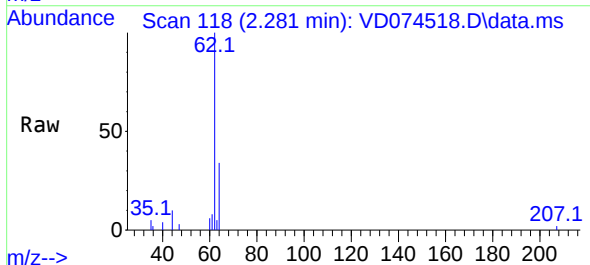
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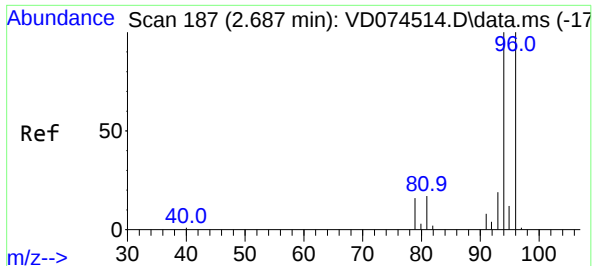
Tgt Ion: 50 Resp: 11760
Ion Ratio Lower Upper
50 100
52 34.2 30.0 45.0



#4
Vinyl Chloride
Concen: 9.765 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion: 62 Resp: 11339
Ion Ratio Lower Upper
62 100
64 34.4 25.5 38.3

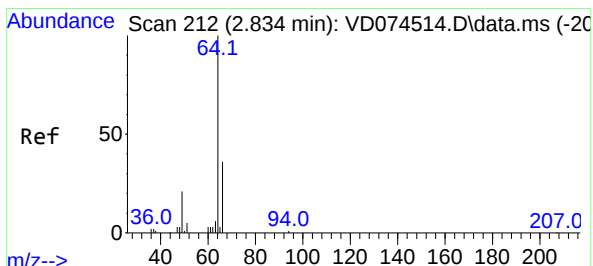
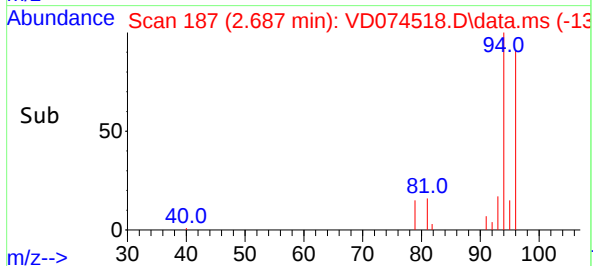
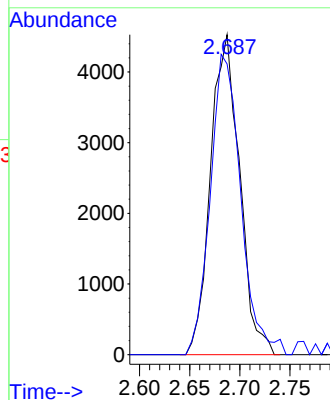
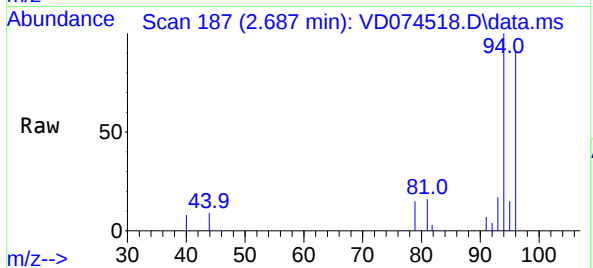




#5
Bromomethane
Concen: 11.104 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

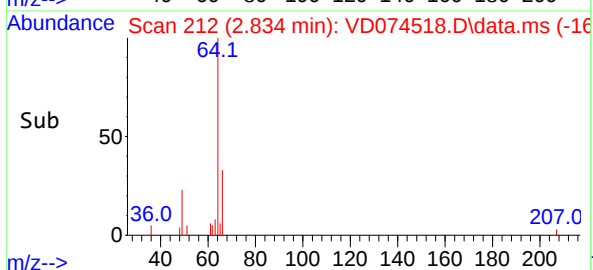
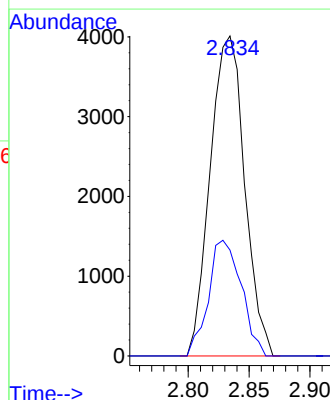
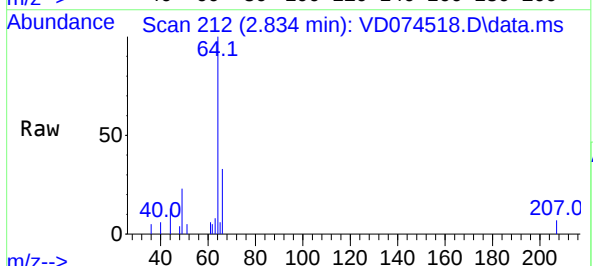
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Tgt Ion: 94 Resp: 9147
Ion Ratio Lower Upper
94 100
96 90.9 74.6 112.0

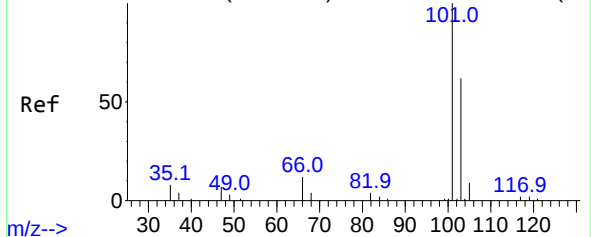


#6
Chloroethane
Concen: 10.197 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

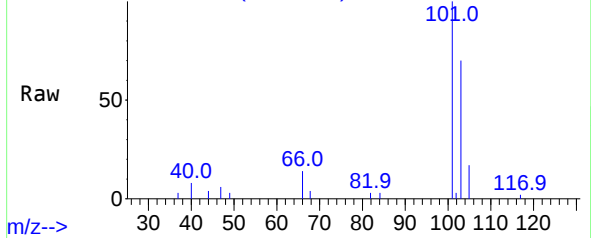
Tgt Ion: 64 Resp: 7900
Ion Ratio Lower Upper
64 100
66 33.1 25.8 38.8



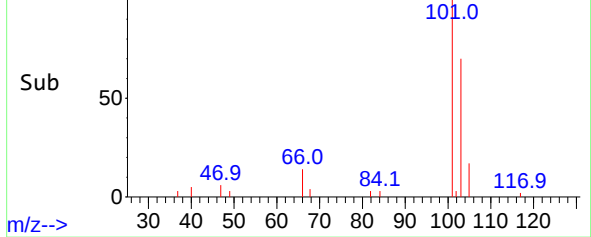
Abundance Scan 269 (3.169 min): VD074514.D\data.ms (-26



m/z--> Scan 269 (3.170 min): VD074518.D\data.ms

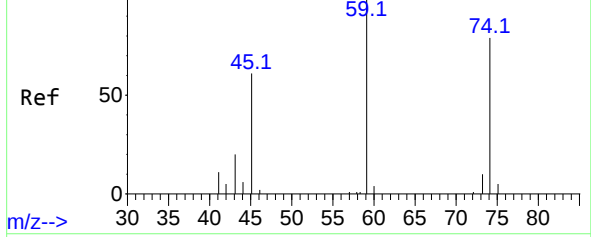


Abundance Scan 269 (3.170 min): VD074518.D\data.ms (-21

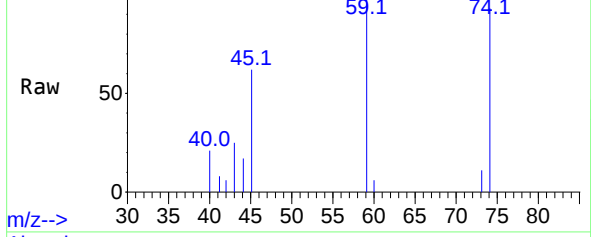


m/z-->

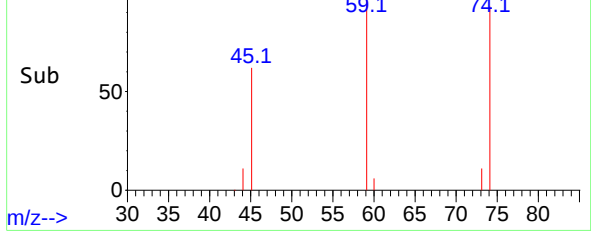
Abundance Scan 341 (3.593 min): VD074514.D\data.ms (-33



m/z--> Scan 340 (3.587 min): VD074518.D\data.ms



Abundance Scan 340 (3.587 min): VD074518.D\data.ms (-29



m/z-->

#7

Trichlorofluoromethane

Concen: 10.183 ug/l

RT: 3.170 min Scan# 2

Delta R.T. 0.000 min

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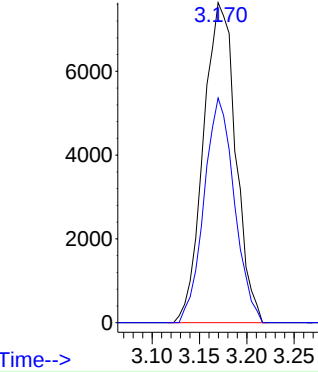
Tgt Ion:101 Resp: 18094

Ion Ratio Lower Upper

101 100

103 70.2 49.8 74.8

Abundance



Time-->

#8

Diethyl Ether

Concen: 9.702 ug/l

RT: 3.587 min Scan# 340

Delta R.T. -0.006 min

Lab File: VD074518.D

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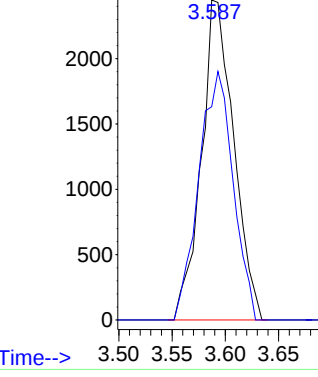
Tgt Ion: 74 Resp: 5175

Ion Ratio Lower Upper

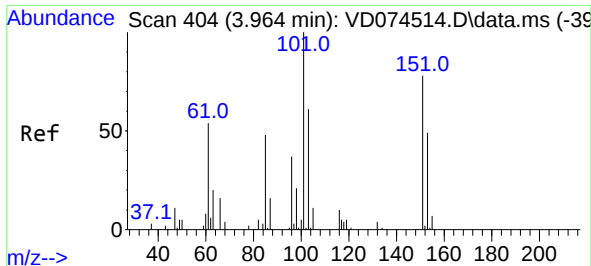
74 100

45 82.2 37.9 113.6

Abundance



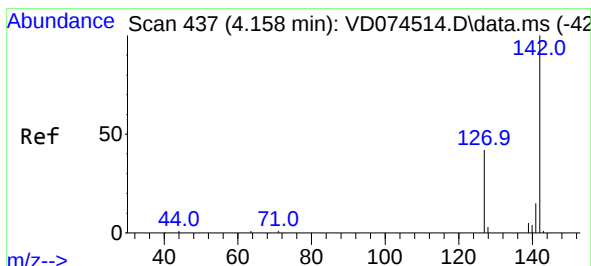
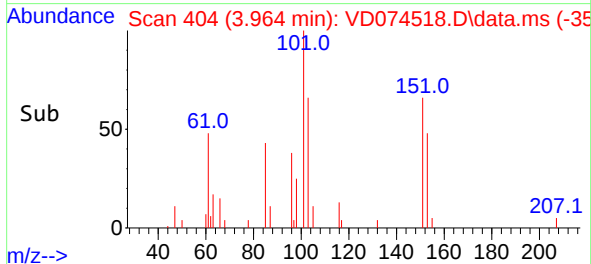
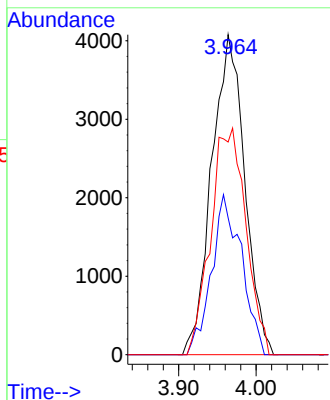
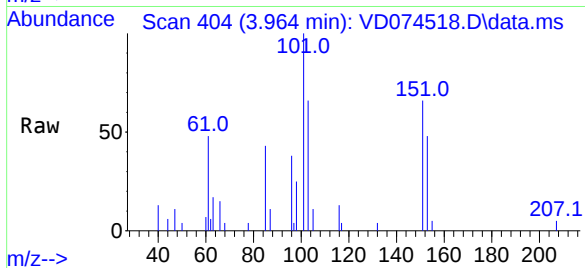
Time-->



#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.128 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

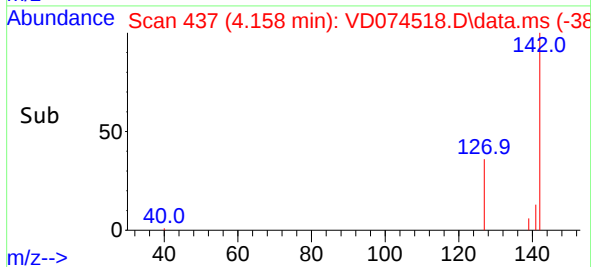
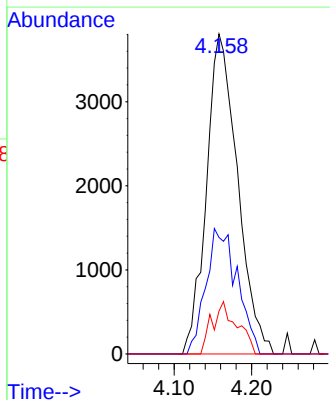
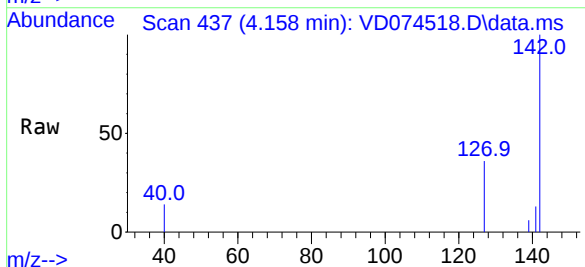
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

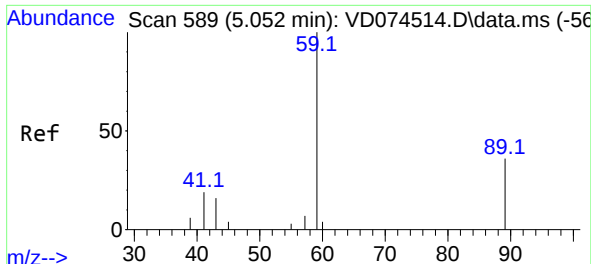
Tgt Ion:	101	Resp:	12096
Ion	Ratio	Lower	Upper
101	100		
85	45.4	34.1	51.1
151	75.3	61.7	92.5



#10
Methyl Iodide
Concen: 7.764 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion:	142	Resp:	10631
Ion	Ratio	Lower	Upper
142	100		
127	39.5	31.9	47.9
141	13.1	11.4	17.2





#11

Tert butyl alcohol

Concen: 69.678 ug/l

RT: 5.011 min Scan# 51

Delta R.T. -0.041 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

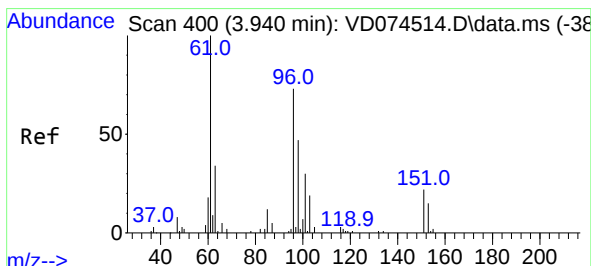
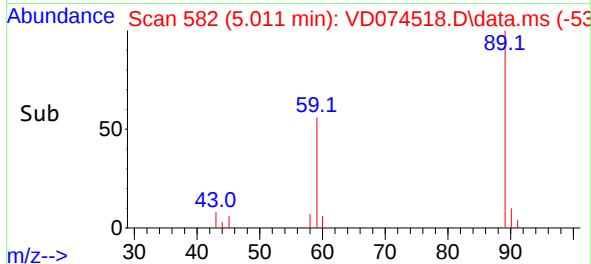
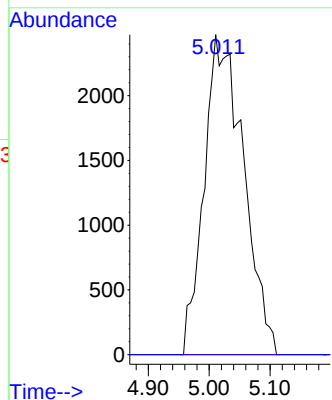
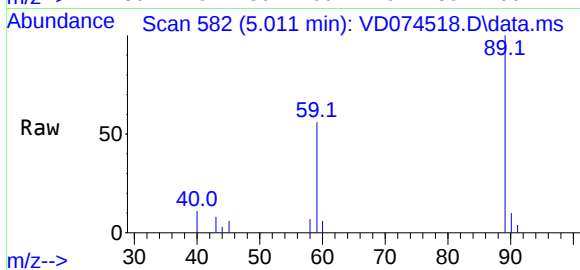
VSTDIC010

Tgt Ion: 59 Resp: 11086

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#12

1,1-Dichloroethene

Concen: 10.296 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

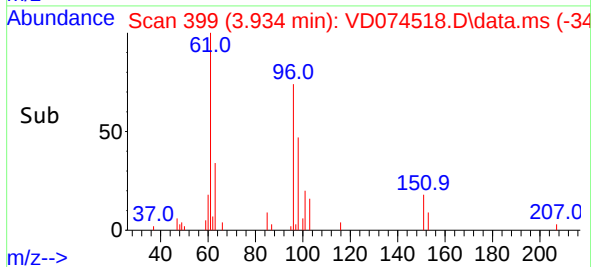
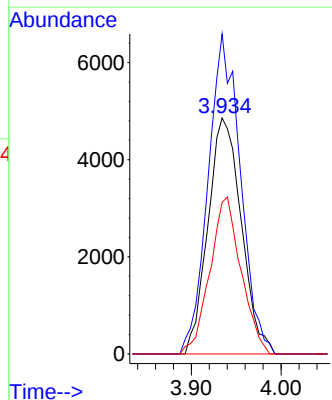
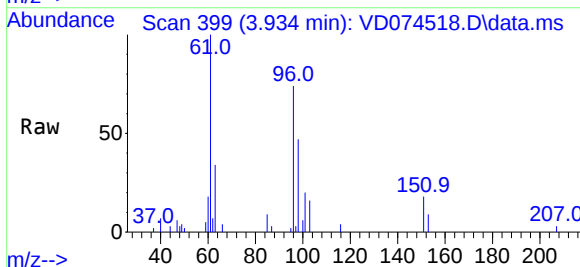
Tgt Ion: 96 Resp: 12526

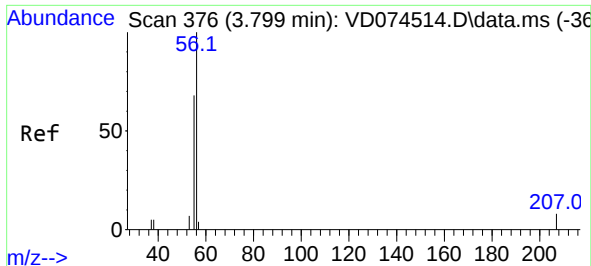
Ion Ratio Lower Upper

96 100

61 135.6 113.9 170.9

98 64.3 51.8 77.8

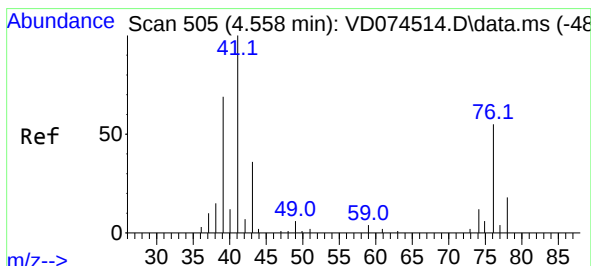
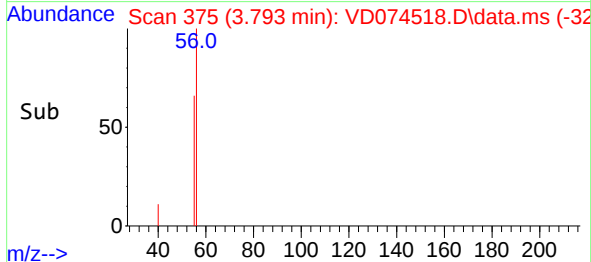
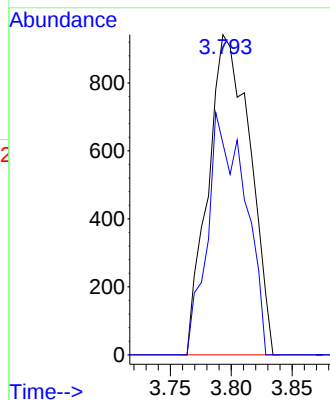
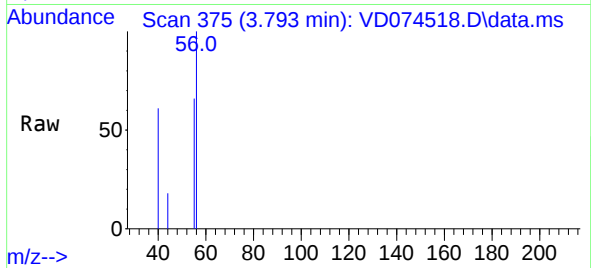




#13
Acrolein
Concen: 54.956 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

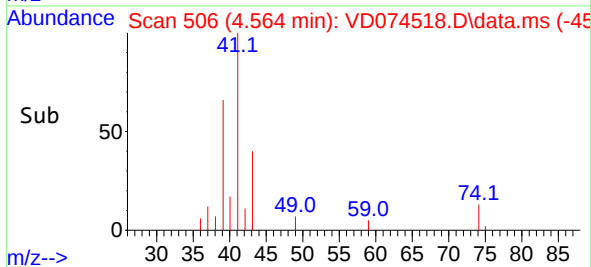
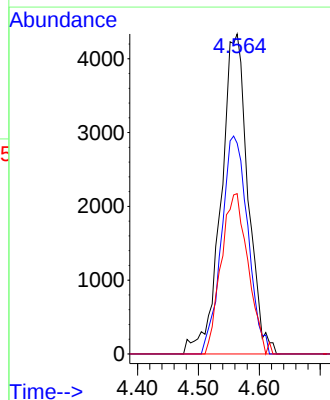
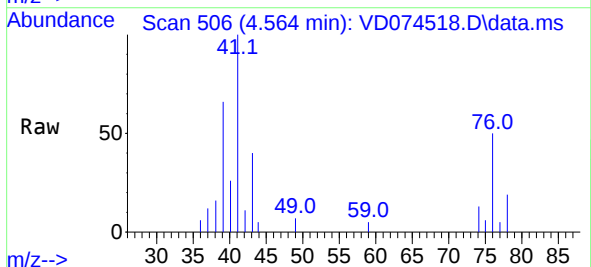
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

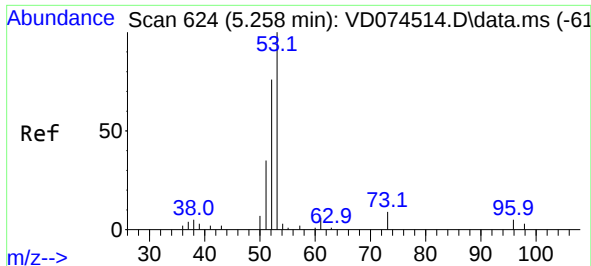
Tgt Ion: 56 Resp: 2255
Ion Ratio Lower Upper
56 100
55 67.7 54.0 81.0



#14
Allyl chloride
Concen: 10.027 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion: 41 Resp: 13279
Ion Ratio Lower Upper
41 100
39 66.8 53.4 80.2
76 50.1 42.4 63.6

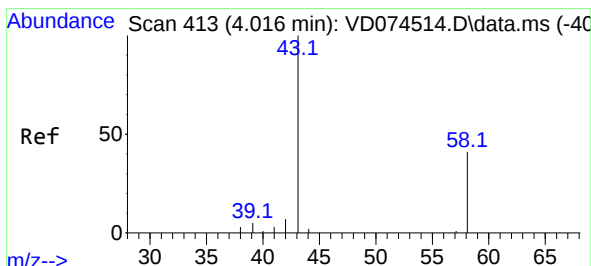
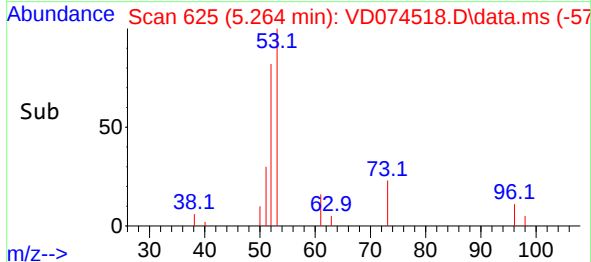
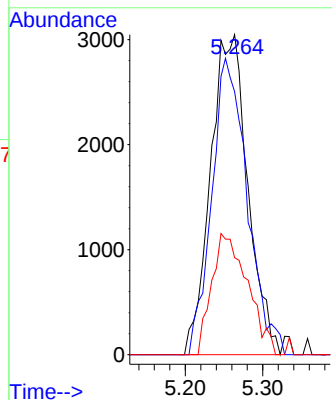
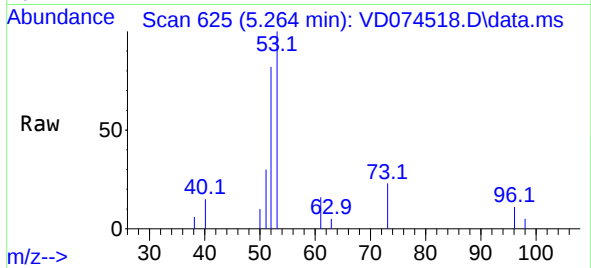




#15
Acrylonitrile
Concen: 48.032 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

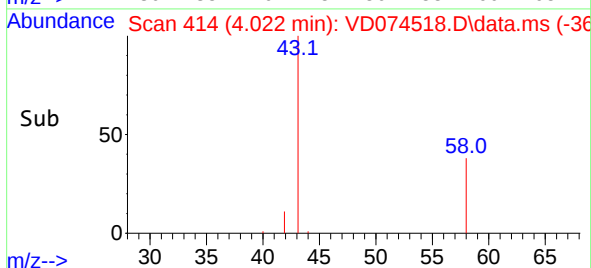
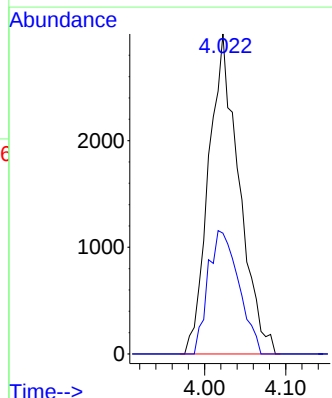
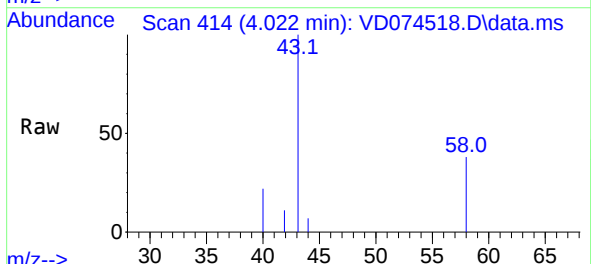
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

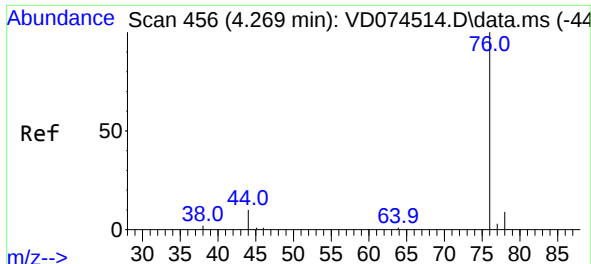
Tgt Ion: 53	Resp: 10199
Ion Ratio	Lower Upper
53 100	
52 88.2	66.0 99.0
51 36.4	28.3 42.5



#16
Acetone
Concen: 44.987 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion: 43	Resp: 7792		
Ion Ratio	Lower	Upper	
43 100			
58 37.8	30.2	45.2	

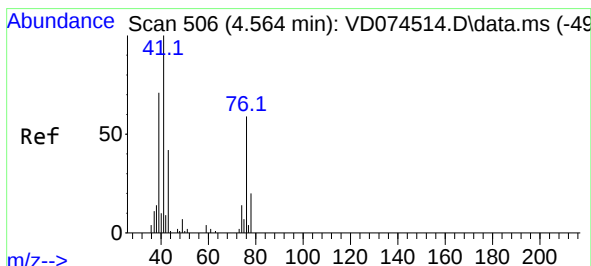
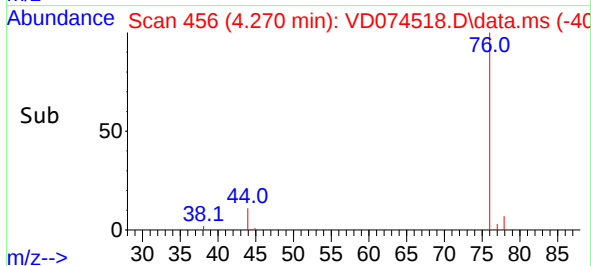
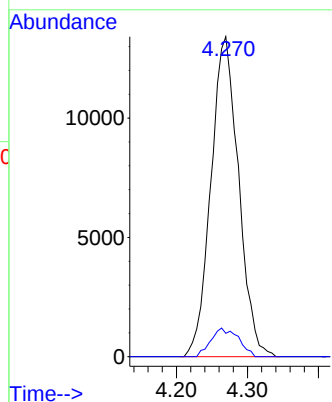
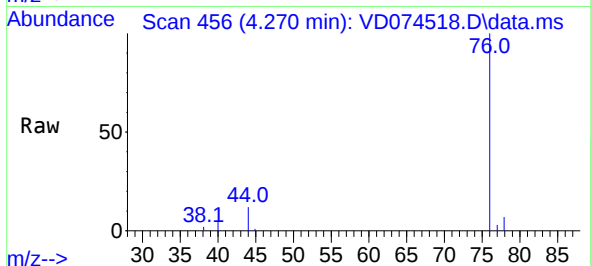




#17
Carbon Disulfide
Concen: 10.084 ug/l
RT: 4.270 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

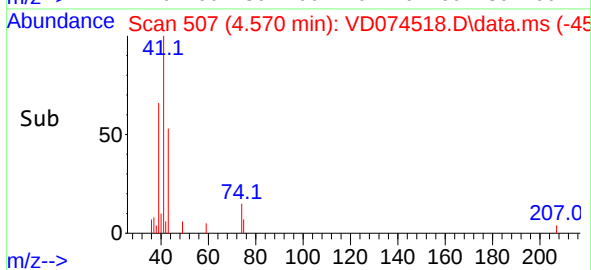
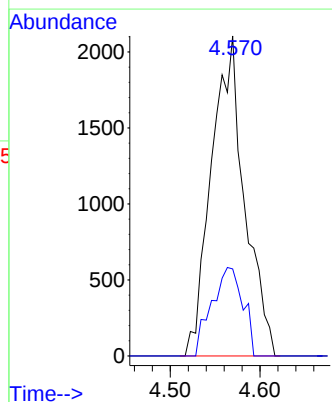
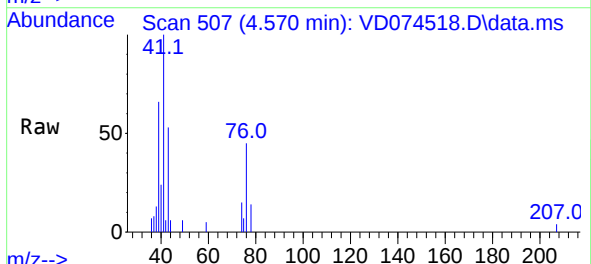
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

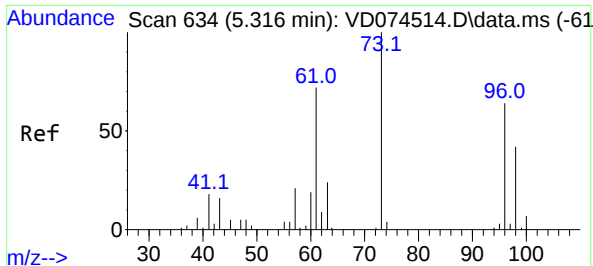
Tgt Ion: 76 Resp: 36271
Ion Ratio Lower Upper
76 100
78 7.3 7.8 11.8#



#18
Methyl Acetate
Concen: 9.801 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion: 43 Resp: 5402
Ion Ratio Lower Upper
43 100
74 25.9 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 9.647 ug/l

RT: 5.317 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

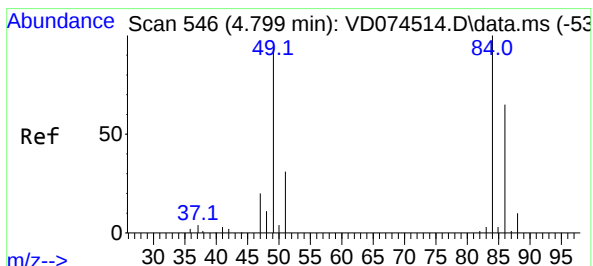
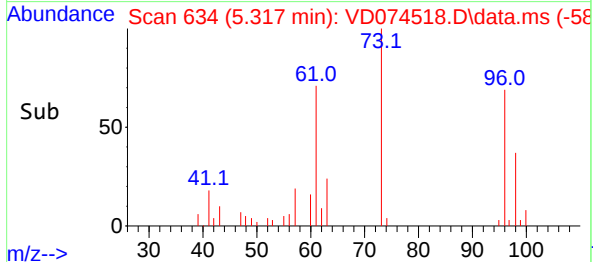
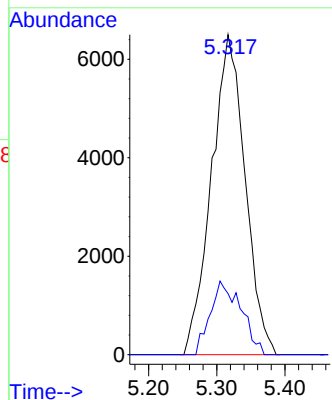
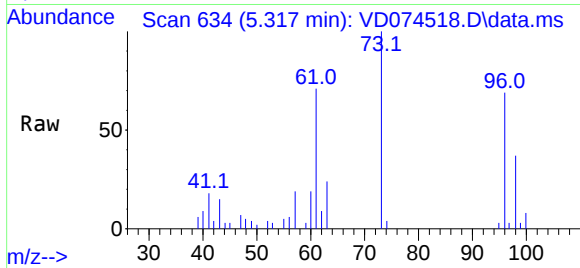
VSTDIC010

Tgt Ion: 73 Resp: 22333

Ion Ratio Lower Upper

73 100

57 19.1 16.1 24.1



#20

Methylene Chloride

Concen: 13.437 ug/l

RT: 4.799 min Scan# 546

Delta R.T. 0.000 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

Tgt Ion: 84 Resp: 24248

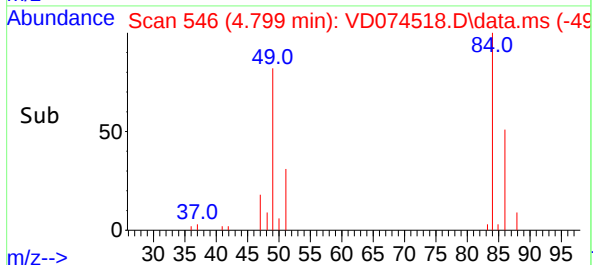
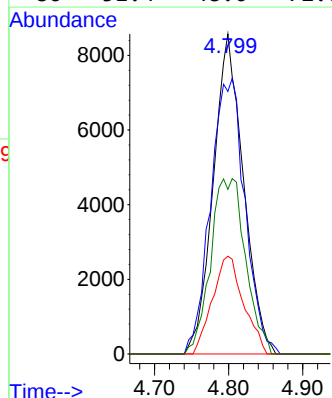
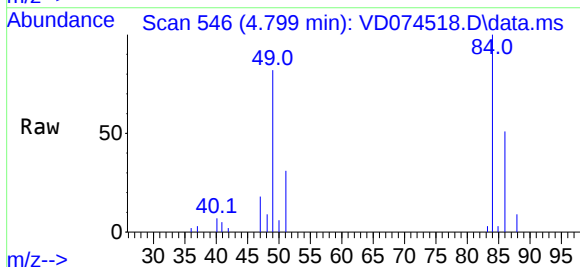
Ion Ratio Lower Upper

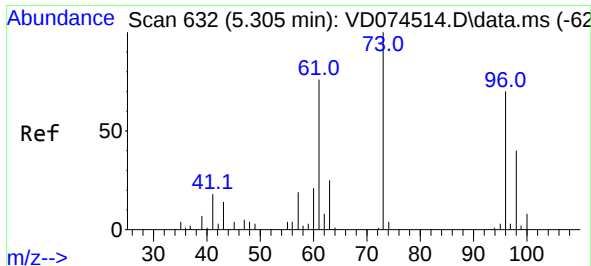
84 100

49 82.0 68.0 102.0

51 30.6 23.2 34.8

86 51.4 48.0 72.0

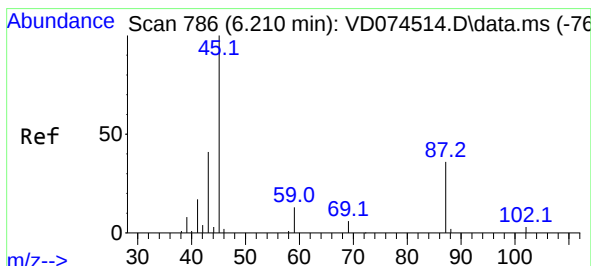
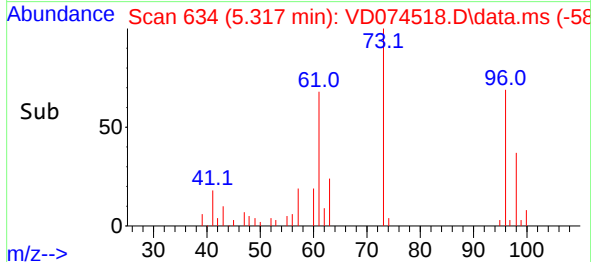
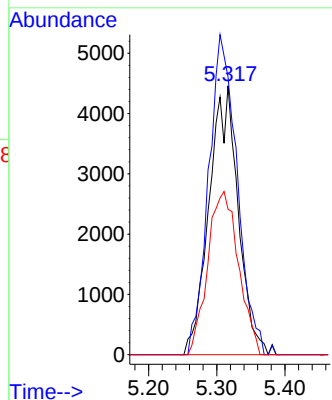
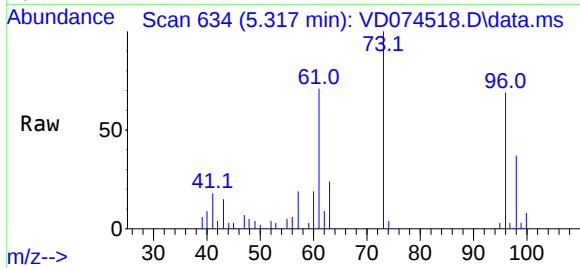




#21
trans-1,2-Dichloroethene
Concen: 10.126 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

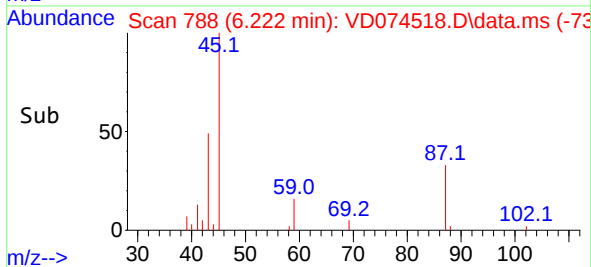
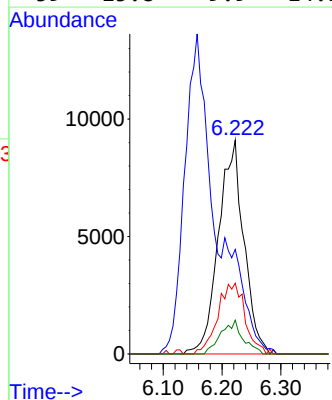
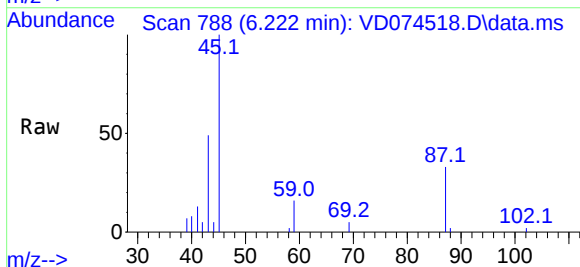
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

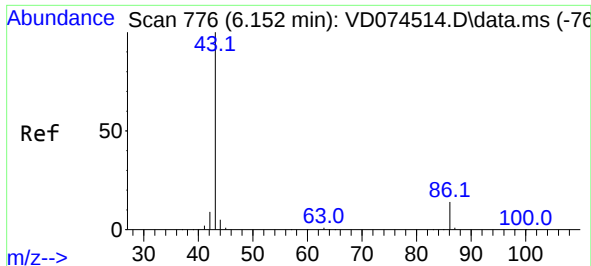
Tgt Ion: 96 Resp: 13268
Ion Ratio Lower Upper
96 100
61 103.2 95.7 143.5
98 54.1 54.8 82.2#



#22
Diisopropyl ether
Concen: 10.308 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.012 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion: 45 Resp: 27294
Ion Ratio Lower Upper
45 100
43 48.9 37.8 56.6
87 33.1 26.6 40.0
59 15.8 9.9 14.9#

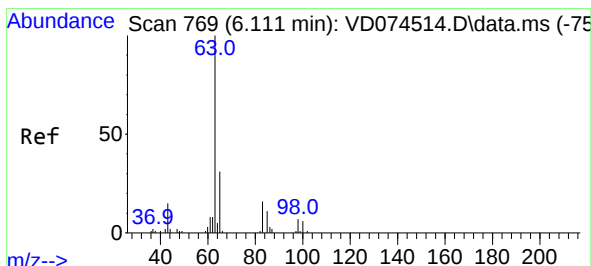
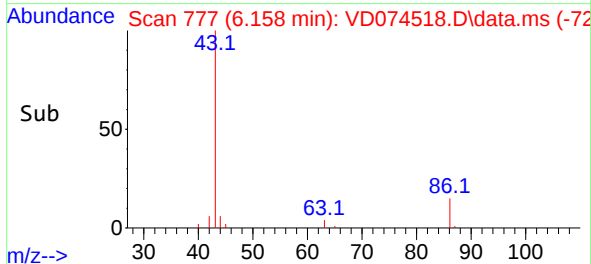
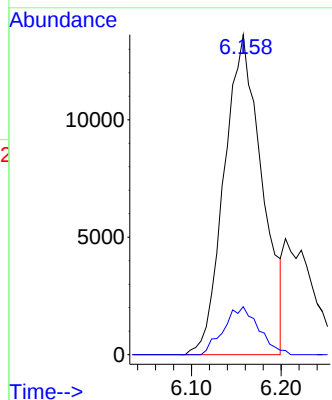
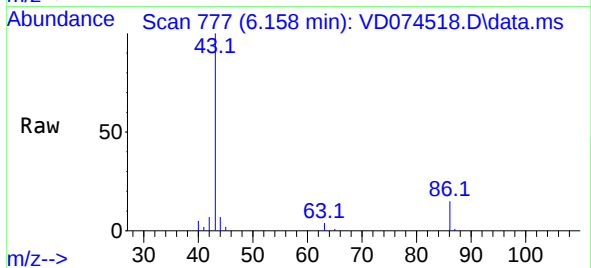




#23
 Vinyl Acetate
 Concen: 36.962 ug/l
 RT: 6.158 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VD074518.D
 Acq: 11 Oct 2022 14:50

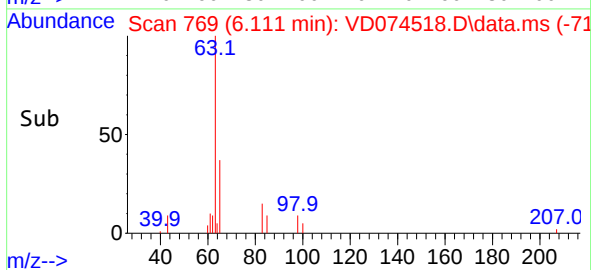
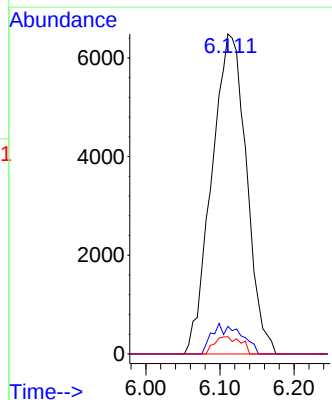
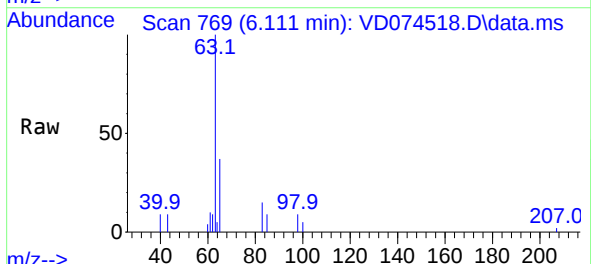
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

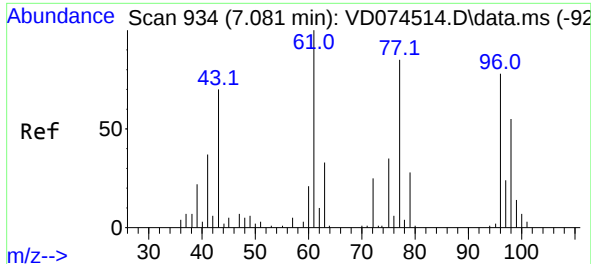
Tgt Ion: 43 Resp: 40015
 Ion Ratio Lower Upper
 43 100
 86 15.0 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 10.276 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD074518.D
 Acq: 11 Oct 2022 14:50

Tgt Ion: 63 Resp: 21063
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.6 13.8
 100 5.4 2.9 8.6





#25

2-Butanone

Concen: 50.545 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

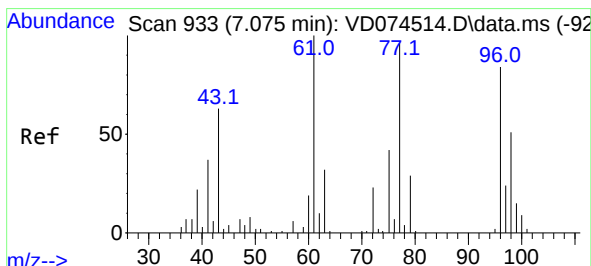
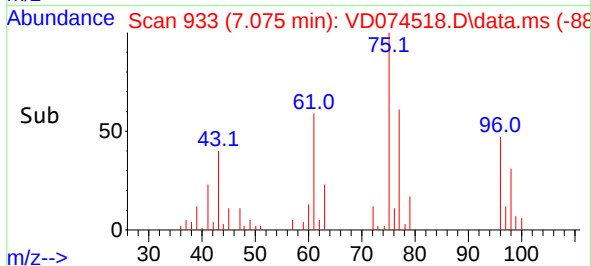
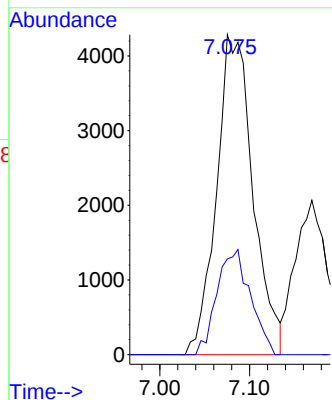
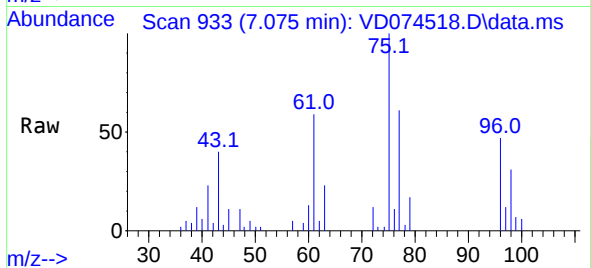
VSTDIC010

Tgt Ion: 43 Resp: 12085

Ion Ratio Lower Upper

43 100

72 29.9 25.8 38.8



#26

2,2-Dichloropropane

Concen: 10.560 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD074518.D

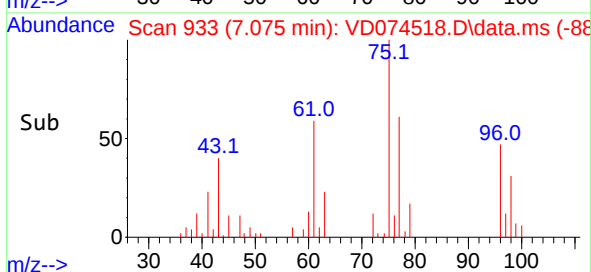
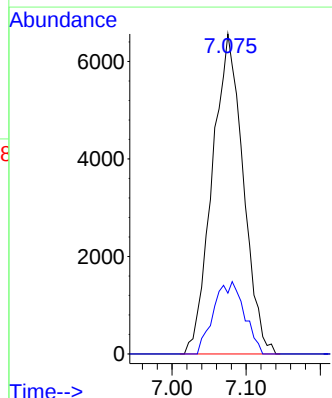
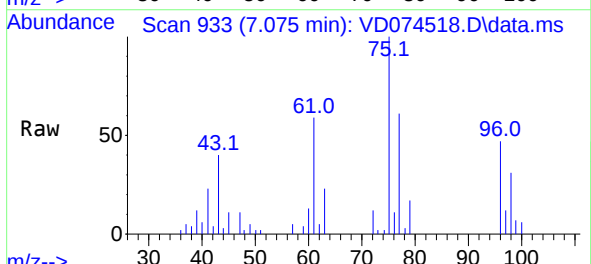
Acq: 11 Oct 2022 14:50

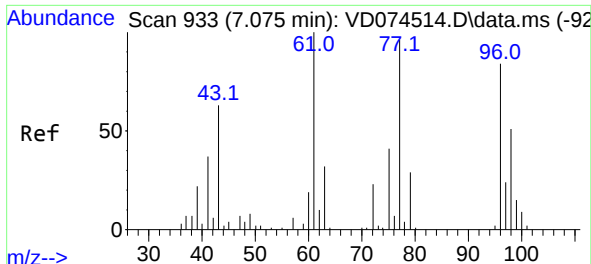
Tgt Ion: 77 Resp: 19054

Ion Ratio Lower Upper

77 100

97 22.3 12.5 37.5





#27

cis-1,2-Dichloroethene

Concen: 10.436 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

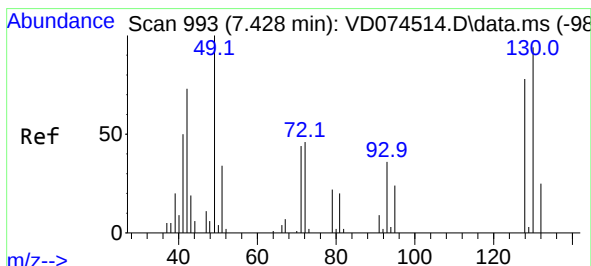
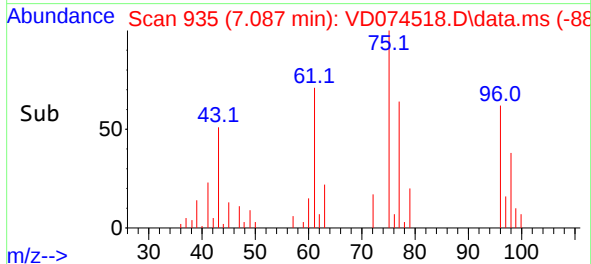
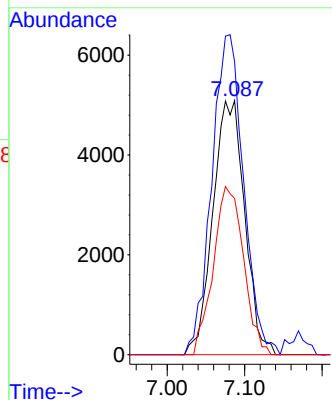
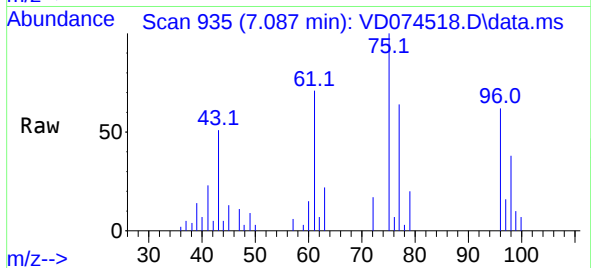
Tgt Ion: 96 Resp: 14565

Ion Ratio Lower Upper

96 100

61 125.9 0.0 242.4

98 62.9 0.0 130.0



#28

Bromochloromethane

Concen: 10.855 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

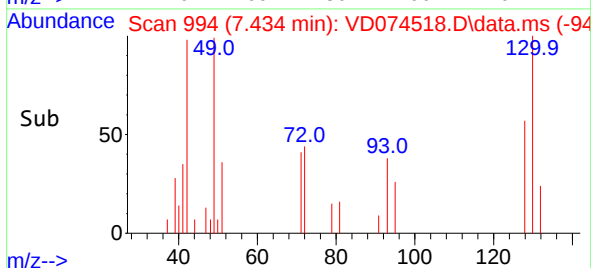
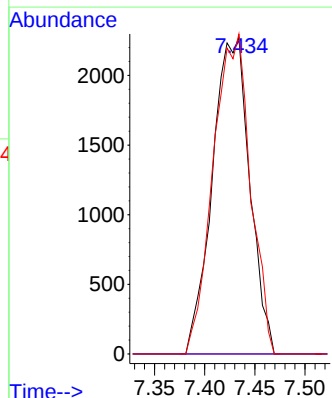
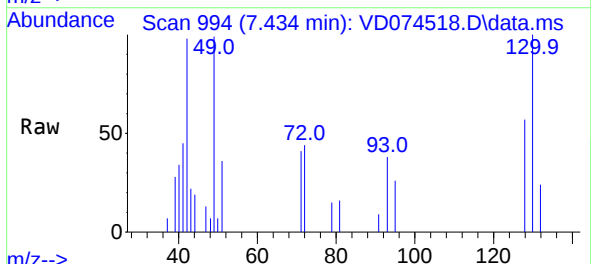
Tgt Ion: 49 Resp: 5875

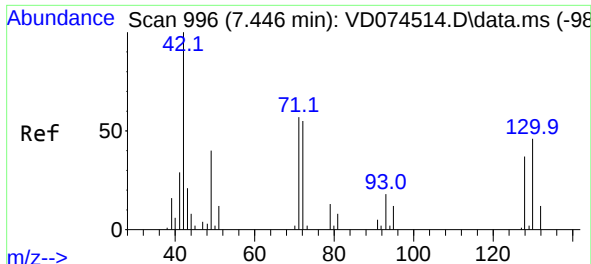
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

130 101.0 84.1 126.1

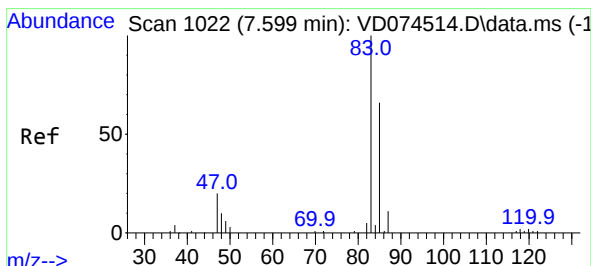
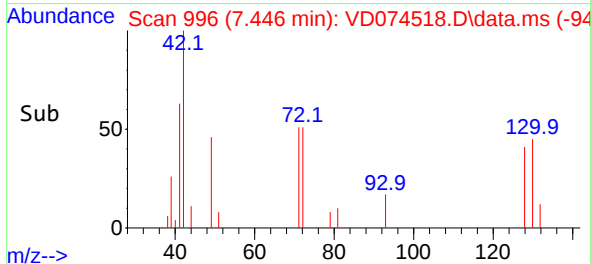
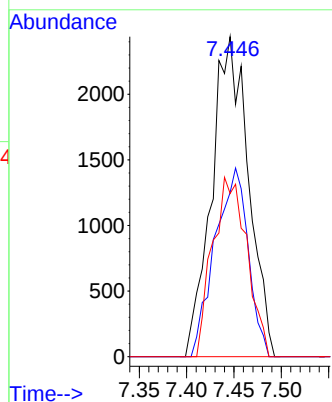
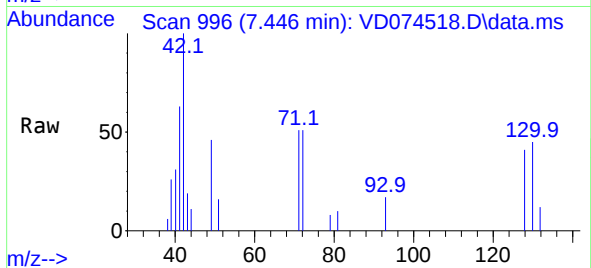




#29
Tetrahydrofuran
Concen: 50.093 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

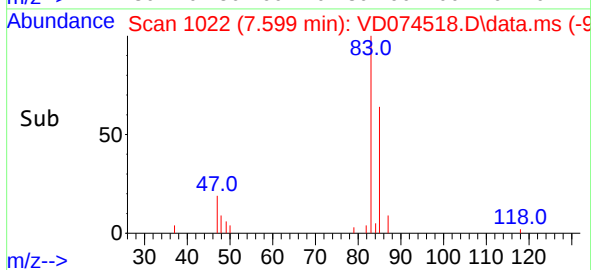
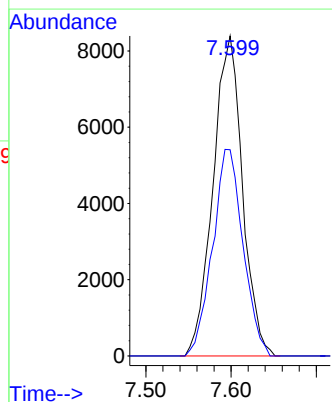
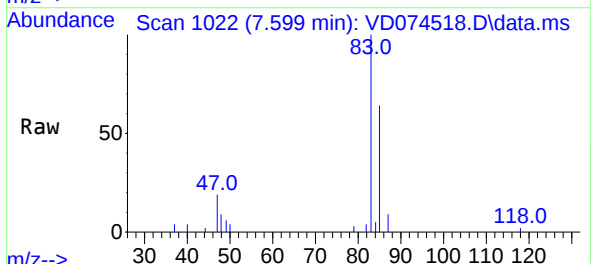
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

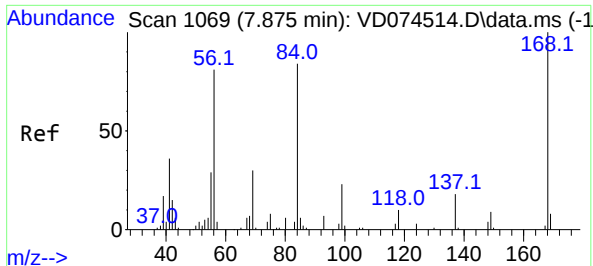
Tgt Ion:	42	Resp:	6605
Ion	Ratio	Lower	Upper
42	100		
72	52.9	45.8	68.6
71	52.1	44.6	66.8



#30
Chloroform
Concen: 10.146 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion:	83	Resp:	20150
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.0	78.0

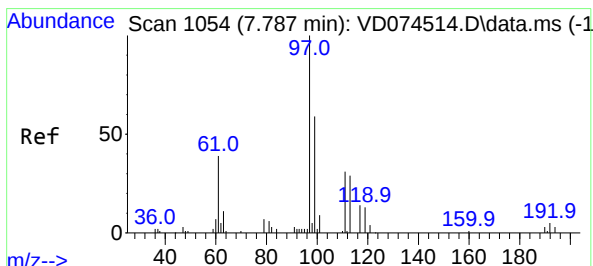
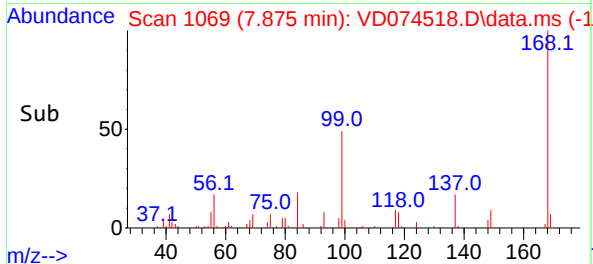
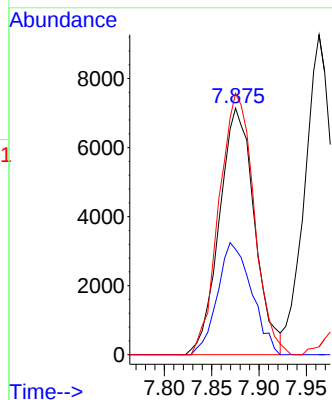
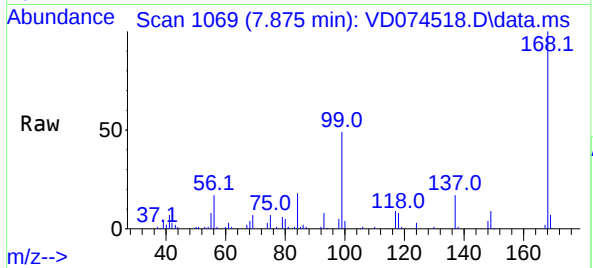




#31
Cyclohexane
Concen: 10.791 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

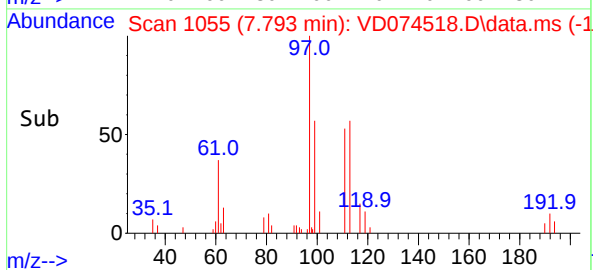
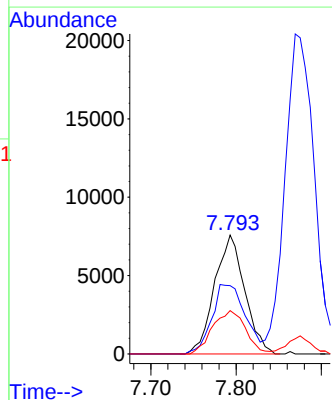
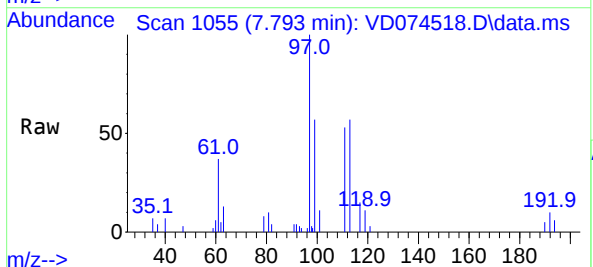
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

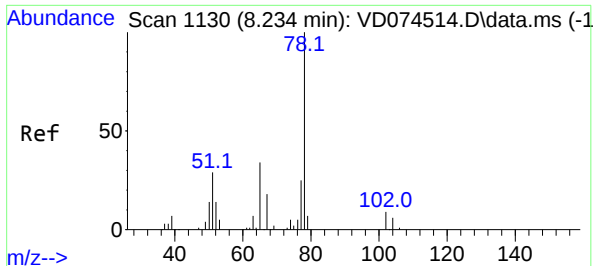
Tgt Ion:	56	Resp:	18435
Ion	Ratio	Lower	Upper
56	100		
69	42.8	29.2	43.8
84	106.1	83.4	125.2



#32
1,1,1-Trichloroethane
Concen: 10.360 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion:	97	Resp:	18631
Ion	Ratio	Lower	Upper
97	100		
99	64.3	53.3	79.9
61	40.2	30.2	45.4





#33

1,2-Dichloroethane-d4

Concen: 10.729 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

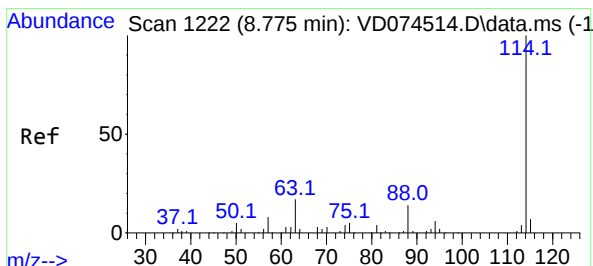
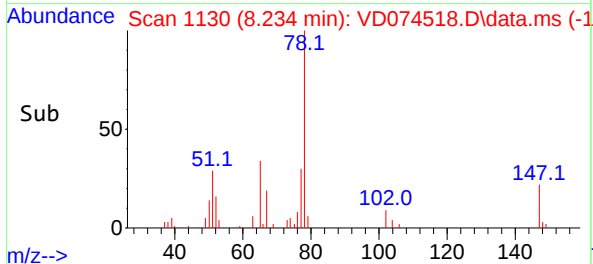
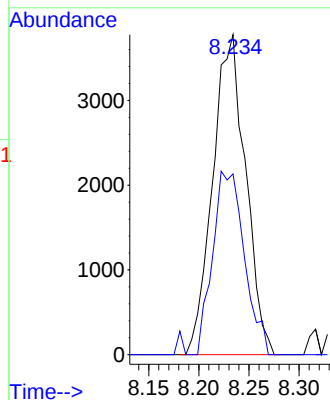
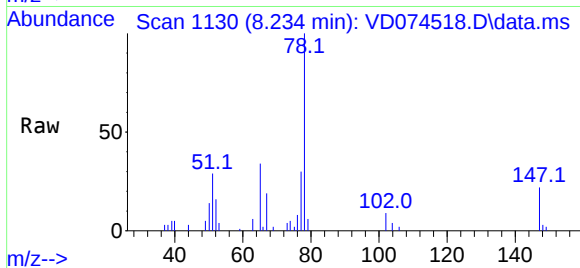
VSTDIC010

Tgt Ion: 65 Resp: 8615

Ion Ratio Lower Upper

65 100

67 55.1 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: VD074518.D

Acq: 11 Oct 2022 14:50

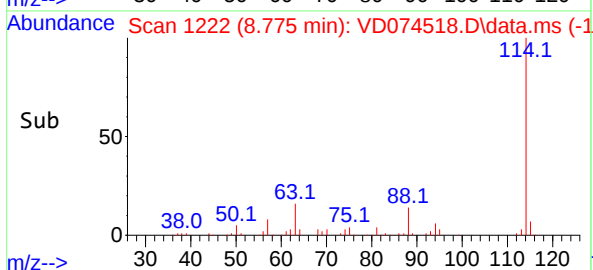
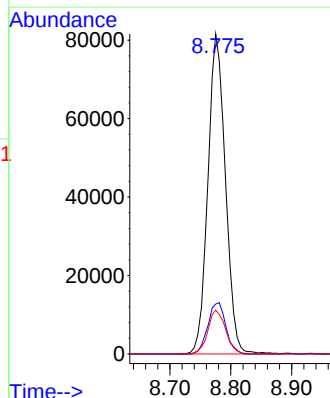
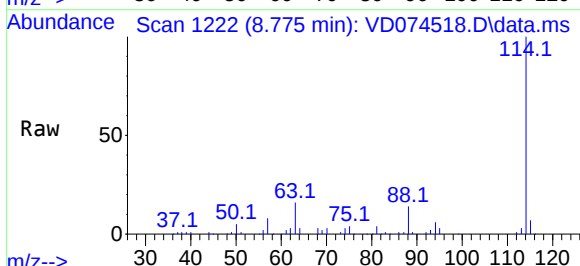
Tgt Ion: 114 Resp: 163356

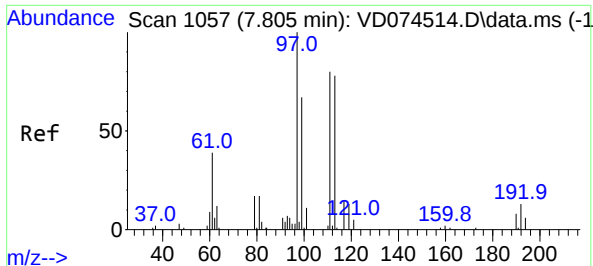
Ion Ratio Lower Upper

114 100

63 15.6 0.0 33.2

88 13.7 0.0 28.2





#35

Dibromofluoromethane

Concen: 13.081 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

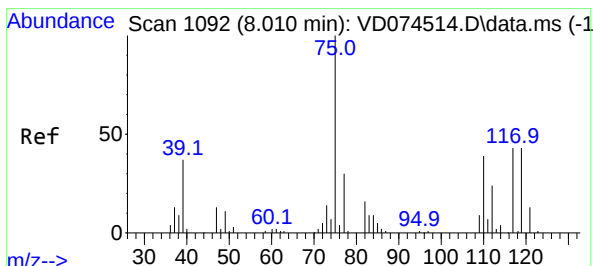
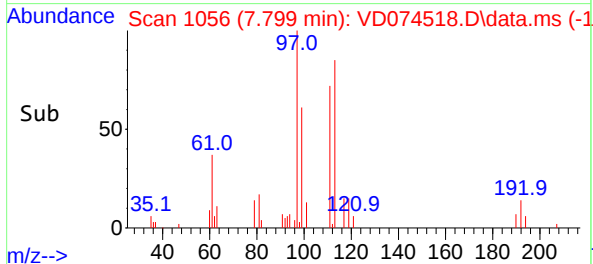
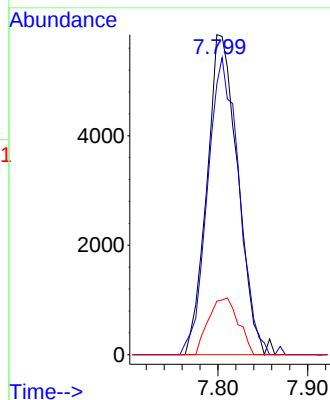
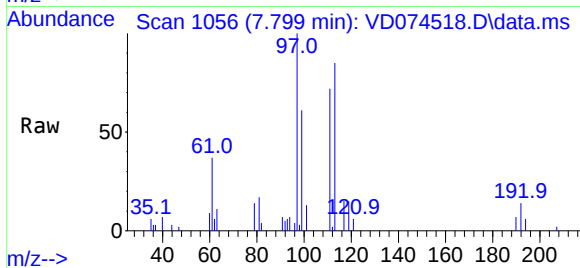
Tgt Ion:113 Resp: 13987

Ion Ratio Lower Upper

113 100

111 94.5 82.3 123.5

192 17.1 16.4 24.6



#36

1,1-Dichloropropene

Concen: 10.635 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

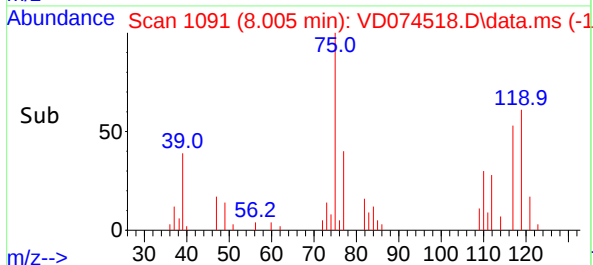
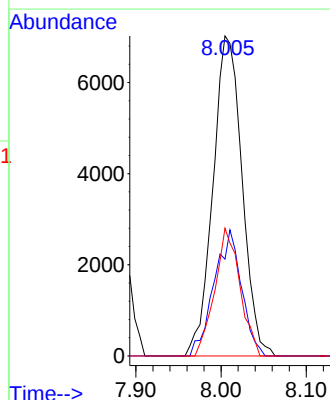
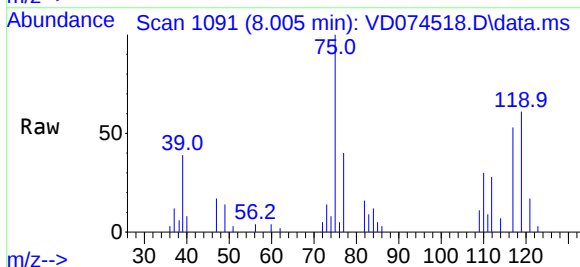
Tgt Ion: 75 Resp: 16673

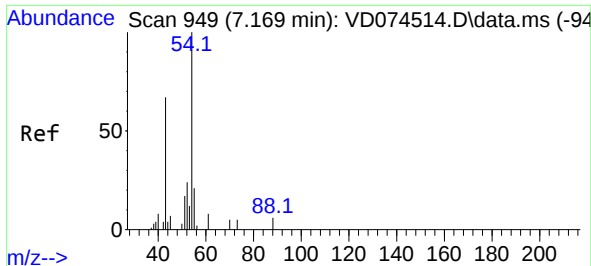
Ion Ratio Lower Upper

75 100

110 37.1 19.7 59.0

77 34.4 25.4 38.2

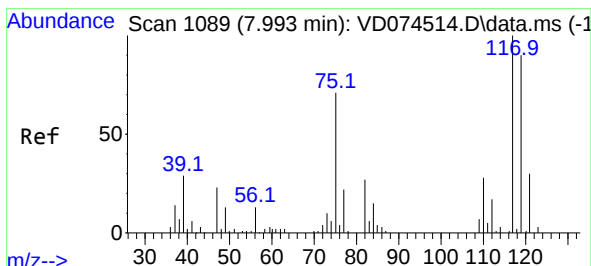
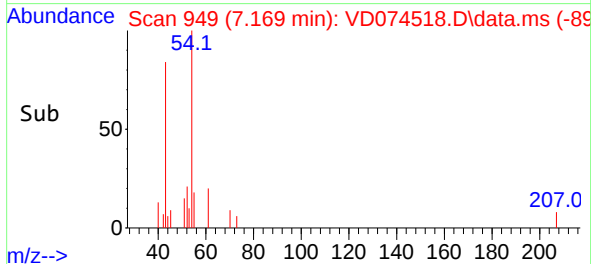
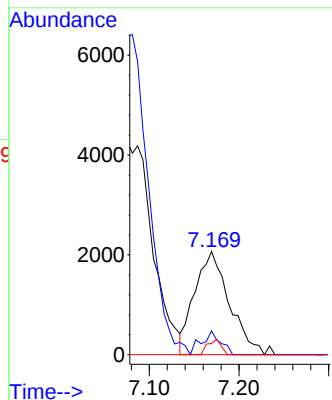
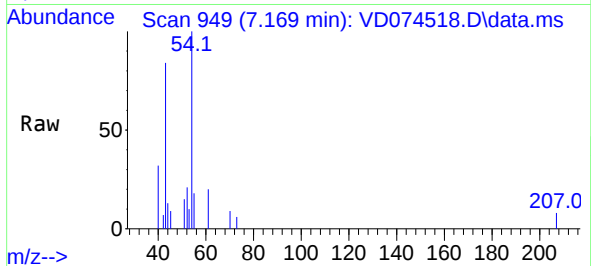




#37
Ethyl Acetate
Concen: 10.873 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

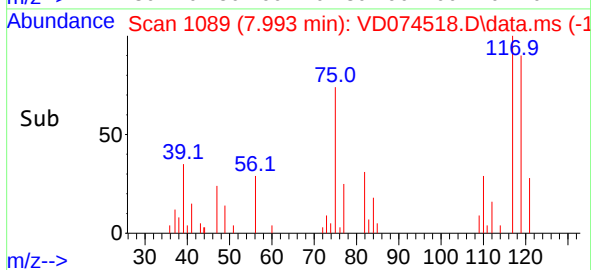
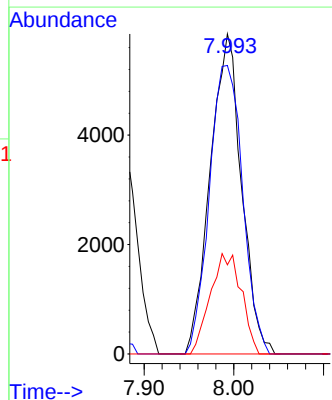
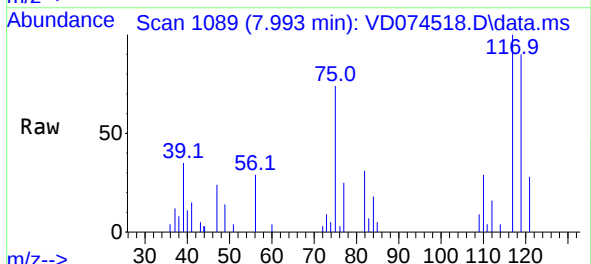
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

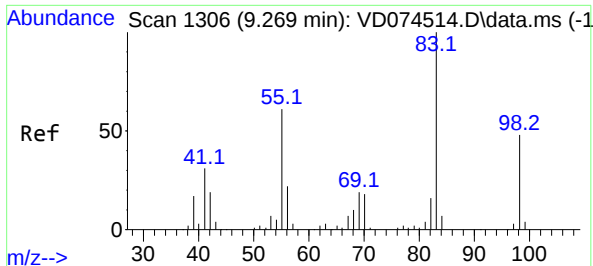
Tgt Ion: 43 Resp: 5595
Ion Ratio Lower Upper
43 100
61 12.4 12.2 18.4
70 5.7 9.6 14.4#



#38
Carbon Tetrachloride
Concen: 9.774 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion: 117 Resp: 14168
Ion Ratio Lower Upper
117 100
119 90.2 73.1 109.7
121 27.9 25.0 37.6





#39

Methylcyclohexane

Concen: 9.855 ug/l

RT: 9.275 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

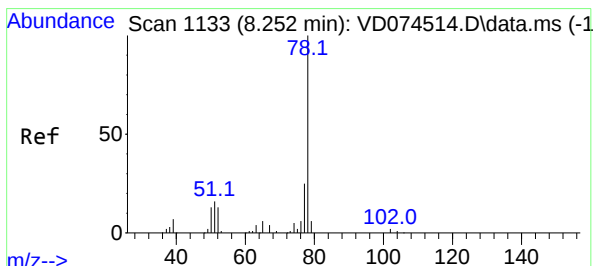
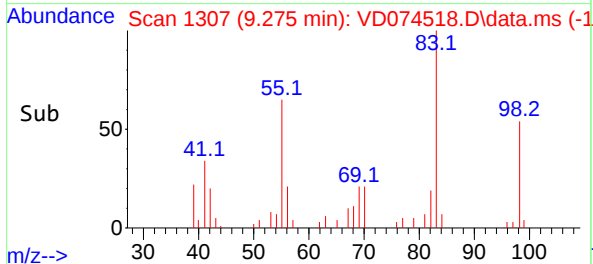
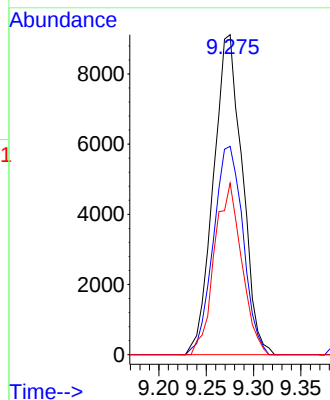
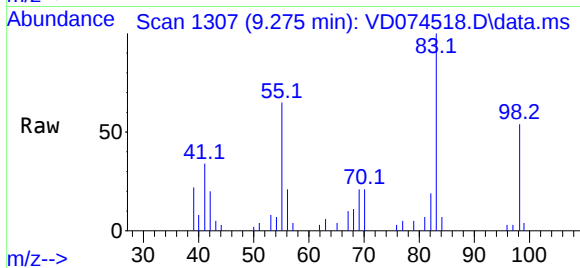
Tgt Ion: 83 Resp: 19338

Ion Ratio Lower Upper

83 100

55 65.1 49.0 73.4

98 53.6 41.7 62.5



#40

Benzene

Concen: 10.024 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD074518.D

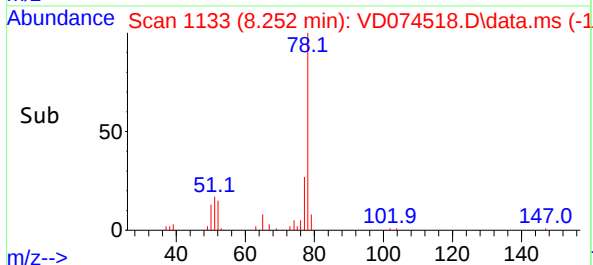
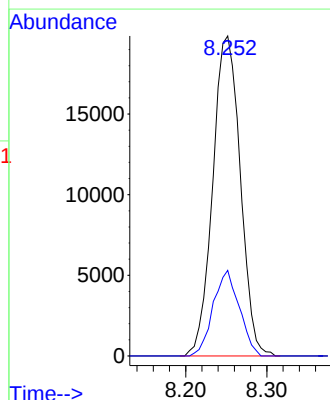
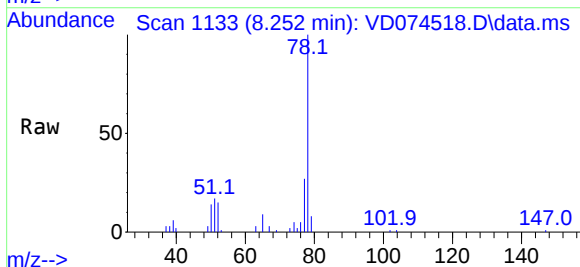
Acq: 11 Oct 2022 14:50

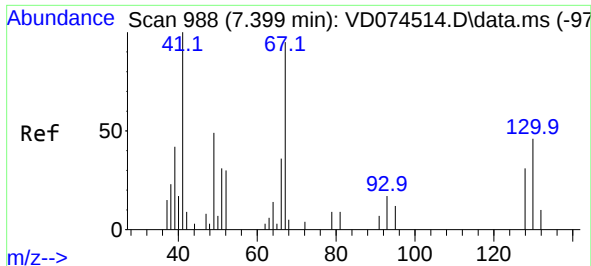
Tgt Ion: 78 Resp: 46771

Ion Ratio Lower Upper

78 100

77 26.7 20.1 30.1

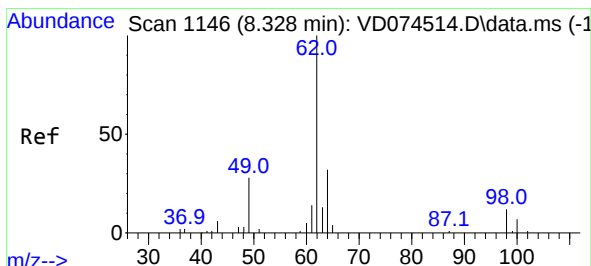
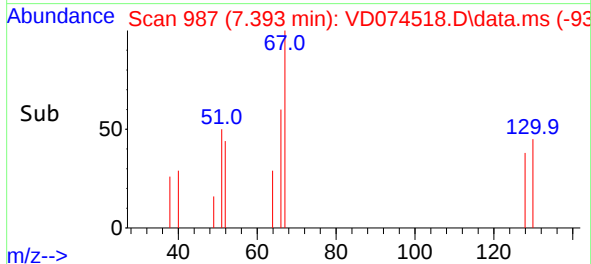
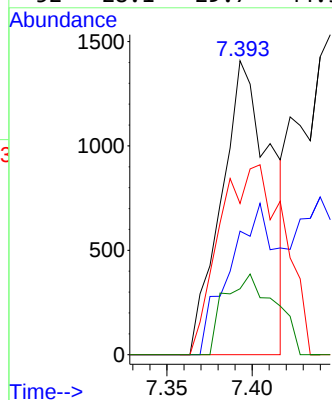
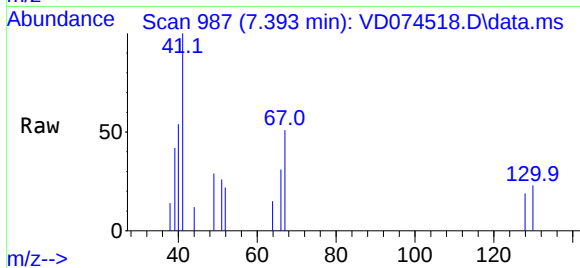




#41
Methacrylonitrile
Concen: 9.196 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

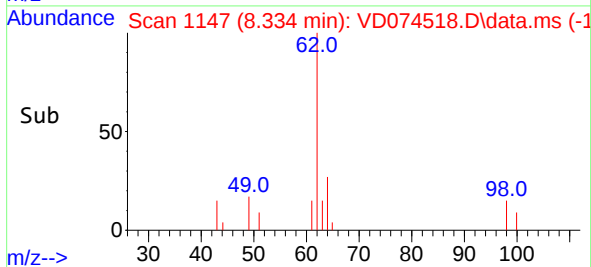
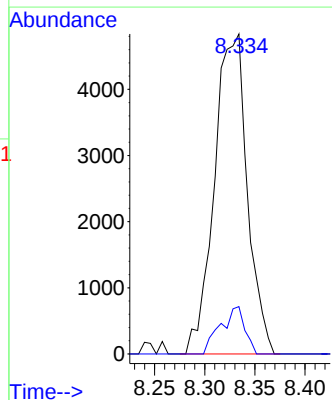
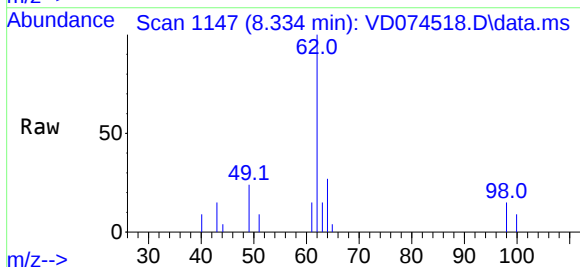
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

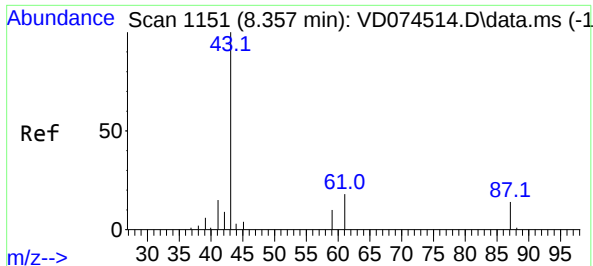
Tgt Ion: 41 Resp: 2830
Ion Ratio Lower Upper
41 100
39 54.4 35.0 52.6#
67 84.2 77.0 115.6
52 28.1 29.7 44.5#



#42
1,2-Dichloroethane
Concen: 10.003 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion: 62 Resp: 11029
Ion Ratio Lower Upper
62 100
98 10.9 0.0 24.2

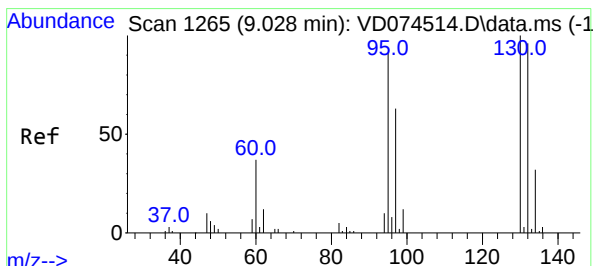
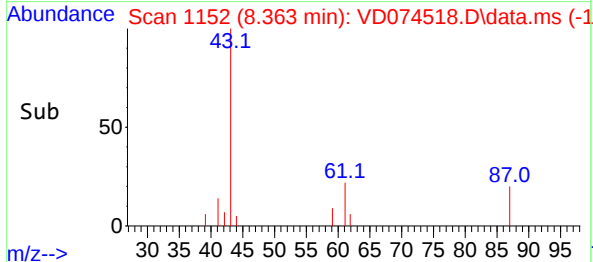
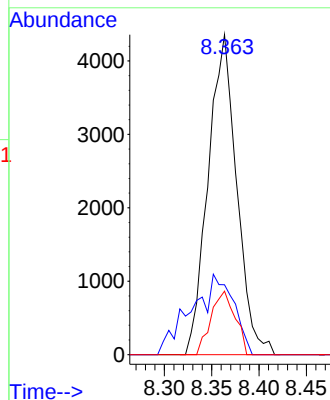
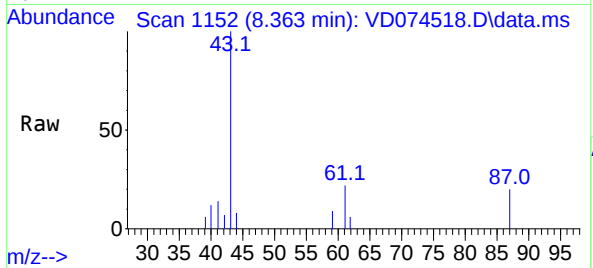




#43
Isopropyl Acetate
Concen: 9.702 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

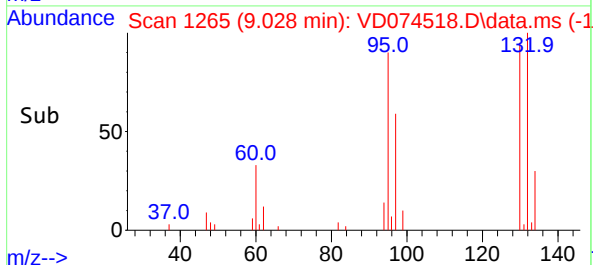
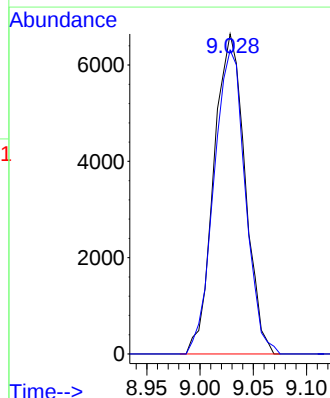
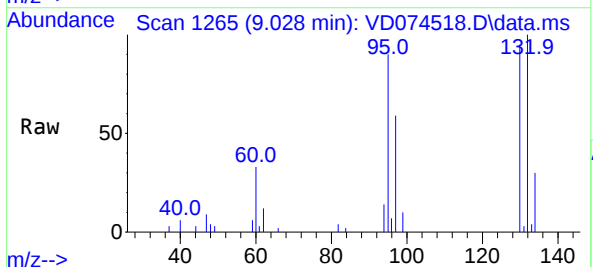
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

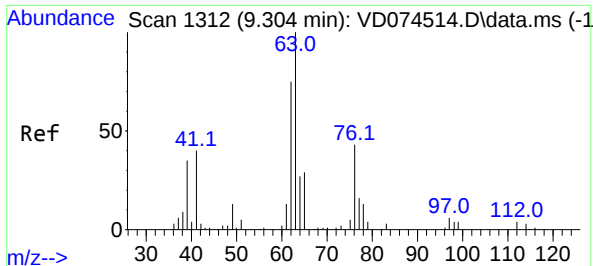
Tgt Ion:	43	Resp:	9173
Ion	Ratio	Lower	Upper
43	100		
61	37.0	30.9	46.3
87	16.7	14.3	21.5



#44
Trichloroethene
Concen: 10.115 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion:	130	Resp:	13502
Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	185.4





#45

1,2-Dichloropropane

Concen: 10.025 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

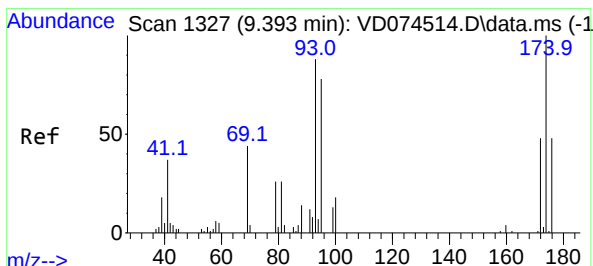
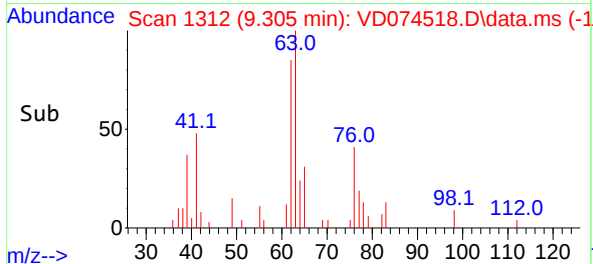
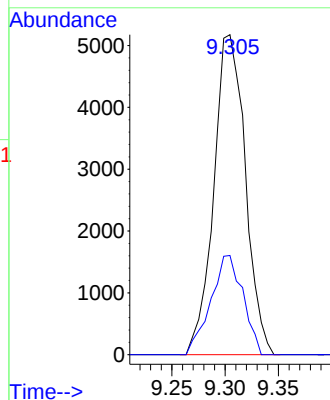
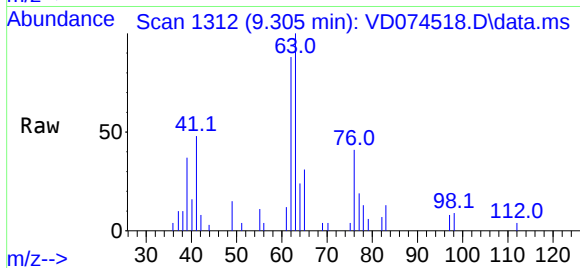
VSTDIC010

Tgt Ion: 63 Resp: 10657

Ion Ratio Lower Upper

63 100

65 31.0 23.1 34.7



#46

Dibromomethane

Concen: 10.249 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

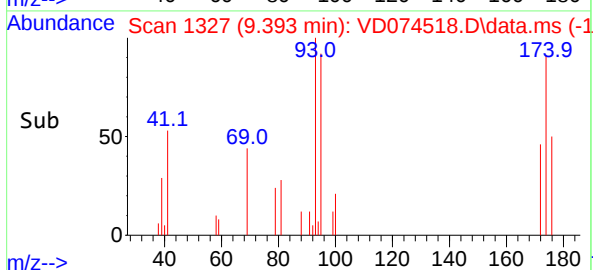
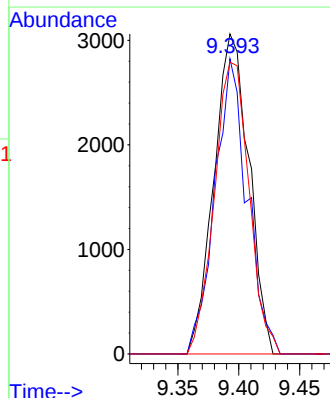
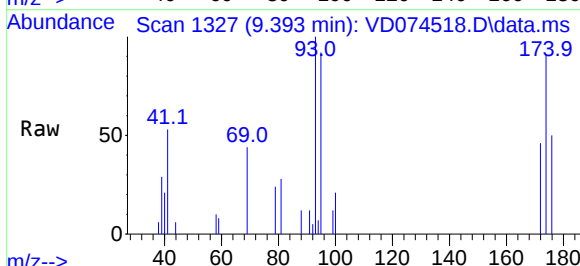
Tgt Ion: 93 Resp: 6122

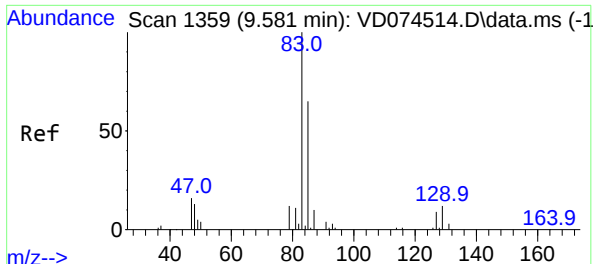
Ion Ratio Lower Upper

93 100

95 85.4 68.2 102.2

174 90.2 87.4 131.0

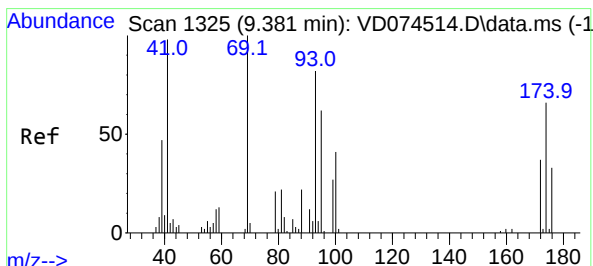
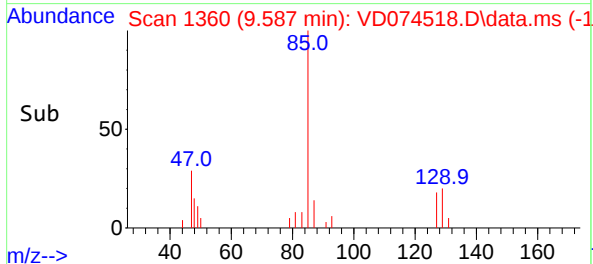
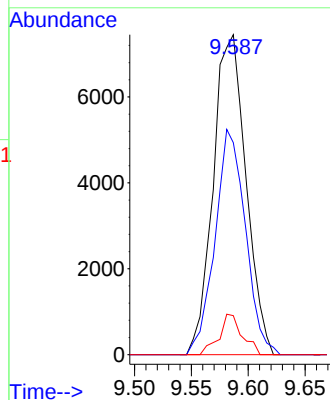
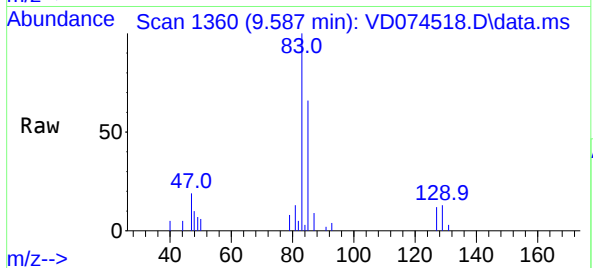




#47
Bromodichloromethane
Concen: 10.126 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

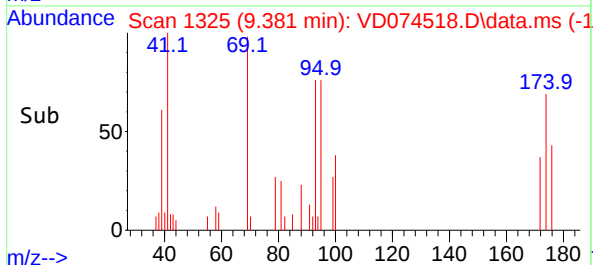
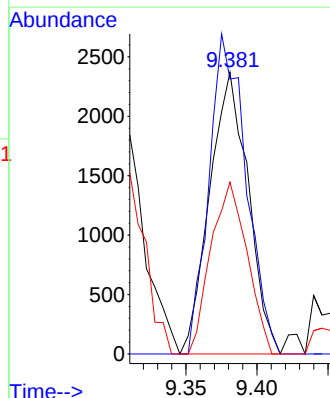
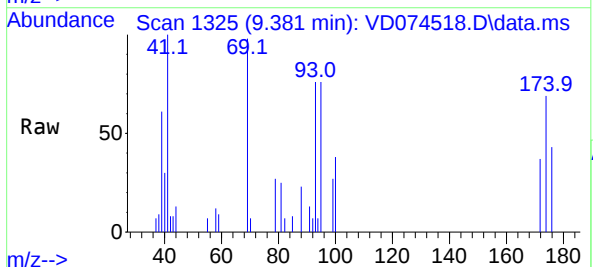
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

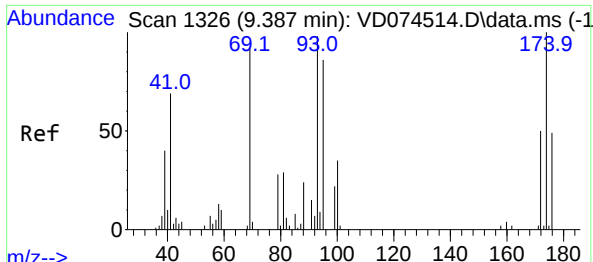
Tgt Ion: 83 Resp: 14951
Ion Ratio Lower Upper
83 100
85 66.2 48.8 73.2
127 12.2 6.7 10.1#



#48
Methyl methacrylate
Concen: 9.783 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion: 41 Resp: 4476
Ion Ratio Lower Upper
41 100
69 109.0 93.0 139.4
39 57.4 44.6 66.8





#49

1,4-Dioxane

Concen: 171.466 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.000 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

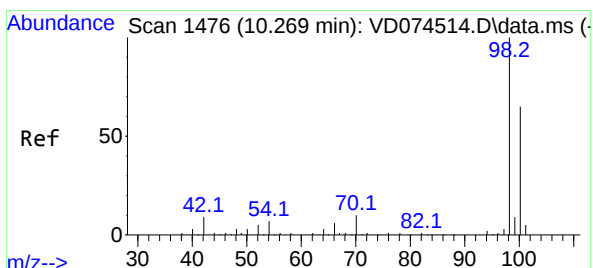
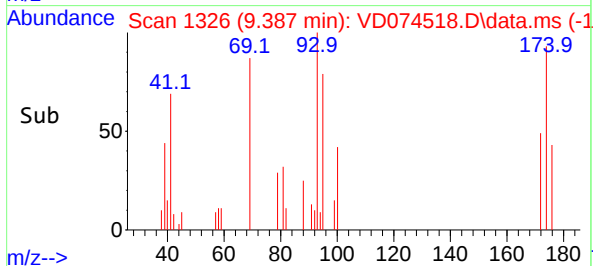
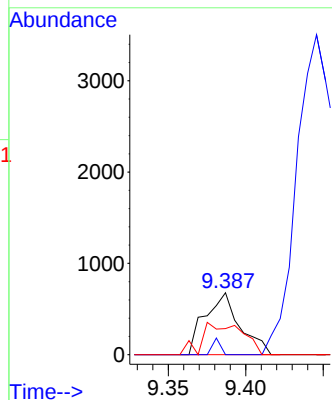
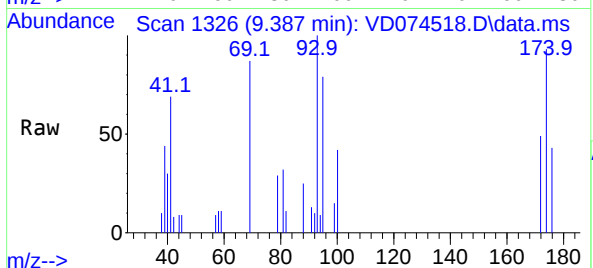
Tgt Ion: 88 Resp: 1064

Ion Ratio Lower Upper

88 100

43 0.0 24.1 36.1#

58 59.7 43.1 64.7



#50

Toluene-d8

Concen: 9.217 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074518.D

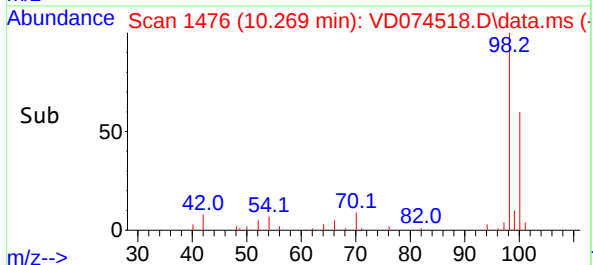
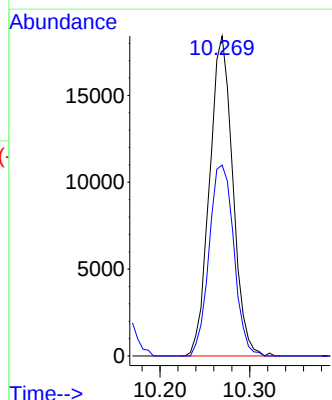
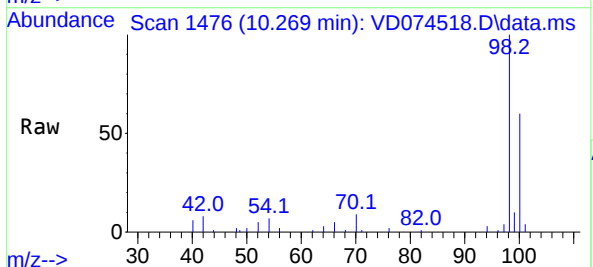
Acq: 11 Oct 2022 14:50

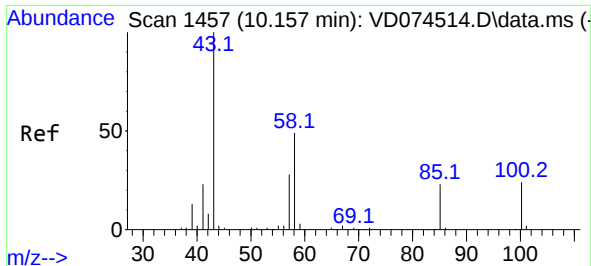
Tgt Ion: 98 Resp: 33096

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.0

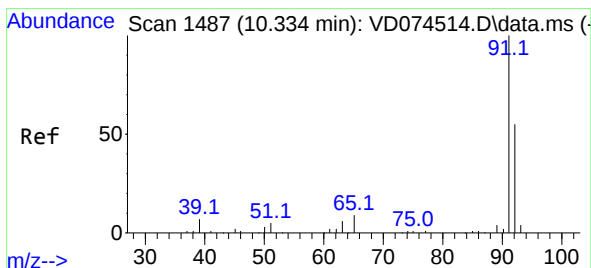
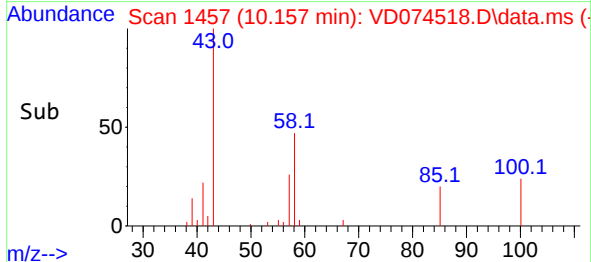
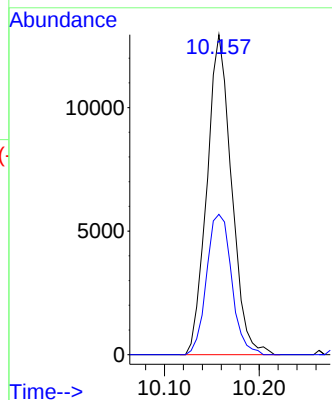
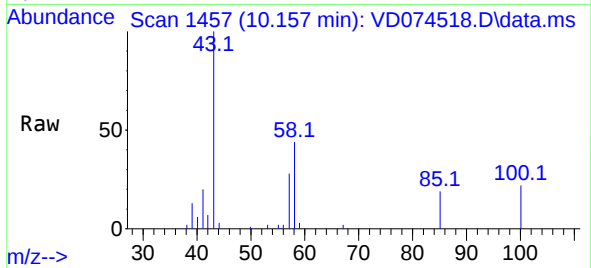




#51
4-Methyl-2-Pentanone
Concen: 49.932 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

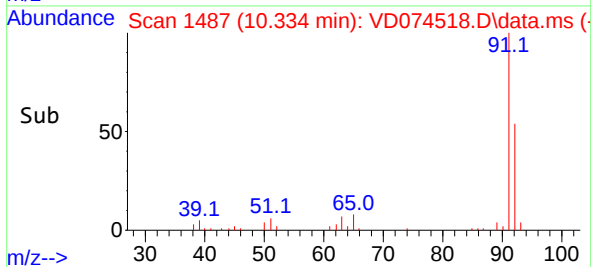
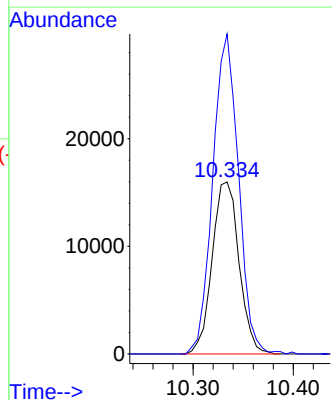
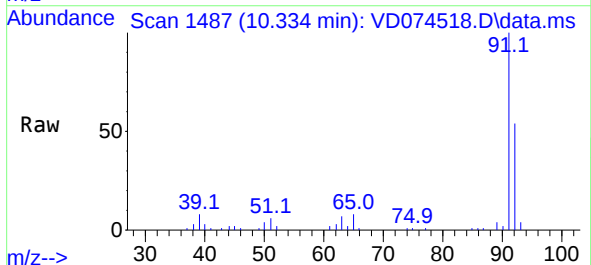
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

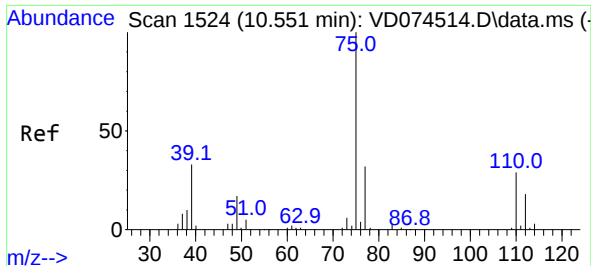
Tgt Ion: 43 Resp: 23354
Ion Ratio Lower Upper
43 100
58 44.6 37.8 56.6



#52
Toluene
Concen: 10.093 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion: 92 Resp: 29765
Ion Ratio Lower Upper
92 100
91 177.8 139.0 208.4

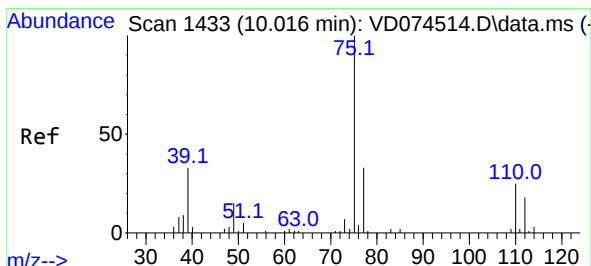
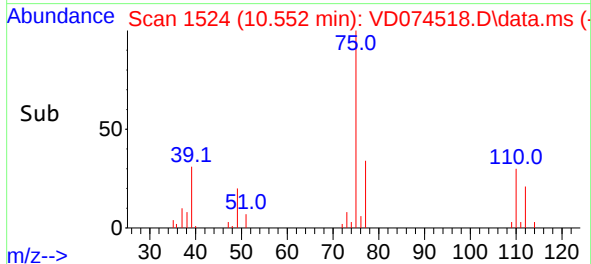
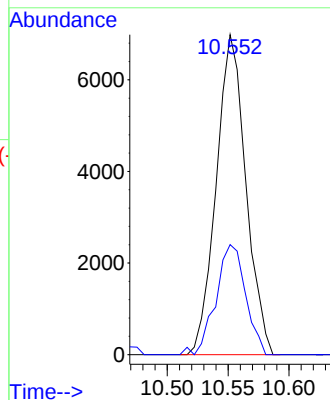
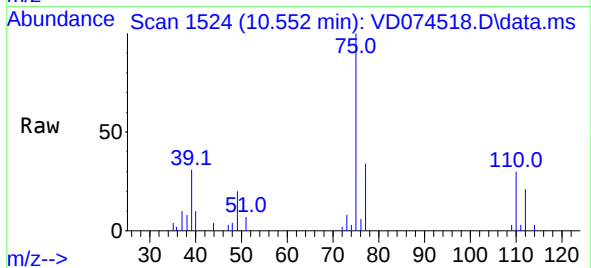




#53
t-1,3-Dichloropropene
Concen: 9.196 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

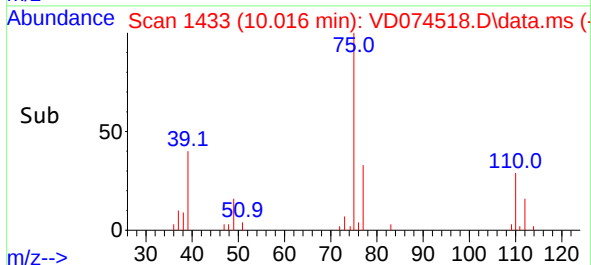
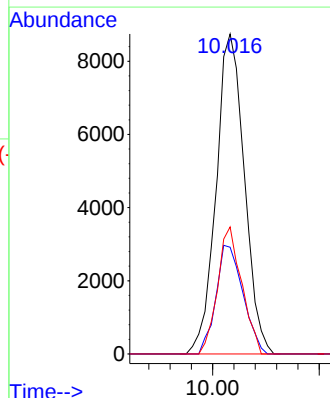
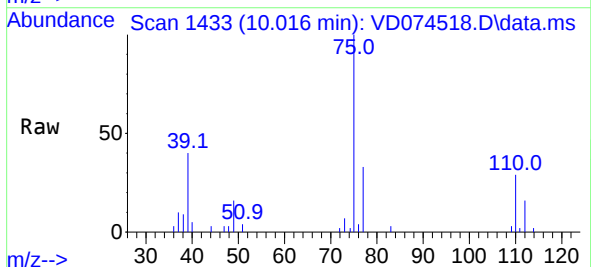
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

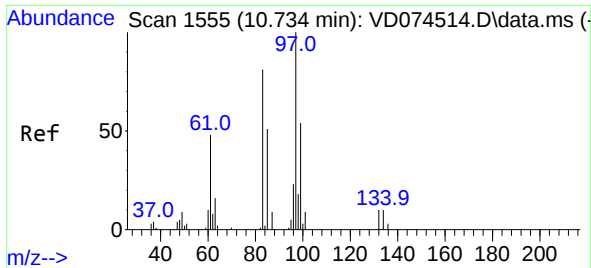
Tgt Ion: 75 Resp: 11838
Ion Ratio Lower Upper
75 100
77 34.4 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 9.883 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion: 75 Resp: 16070
Ion Ratio Lower Upper
75 100
77 33.4 24.7 37.1
39 39.7 25.4 38.2#

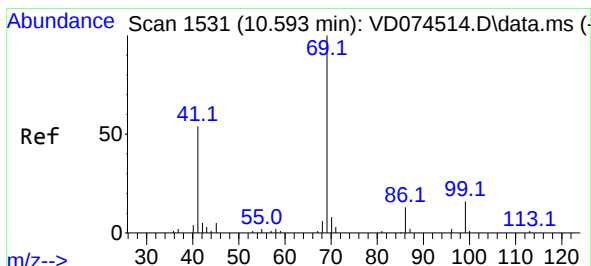
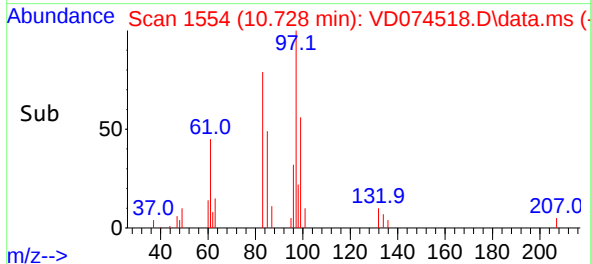
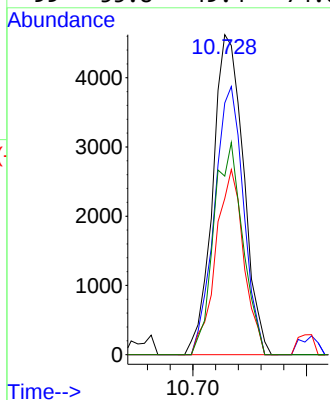
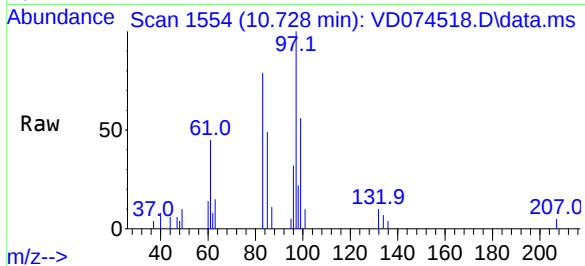




#55
1,1,2-Trichloroethane
Concen: 10.868 ug/l
RT: 10.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

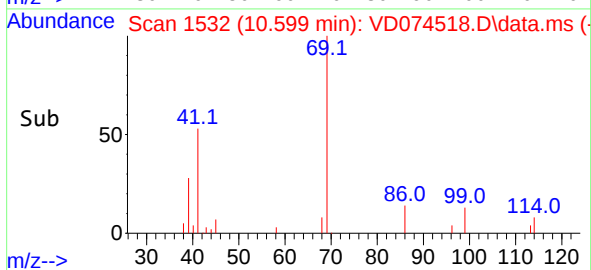
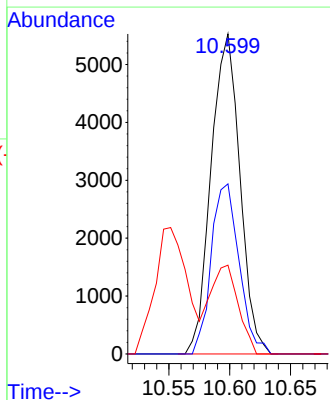
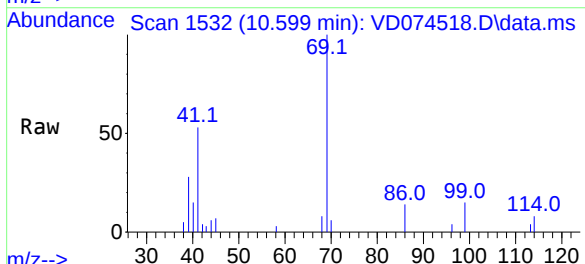
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

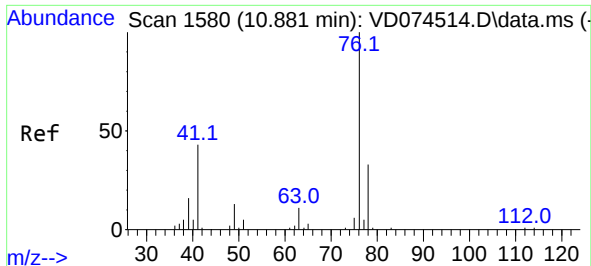
Tgt Ion: 97	Resp: 8702
Ion Ratio	Lower Upper
97 100	
83 78.6	64.8 97.2
85 48.8	44.8 67.2
99 55.8	49.4 74.0



#56
Ethyl methacrylate
Concen: 9.867 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion: 69	Resp: 9107
Ion Ratio	Lower Upper
69 100	
41 51.5	38.6 58.0
39 27.3	19.9 29.9





#57

1,3-Dichloropropane

Concen: 10.439 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

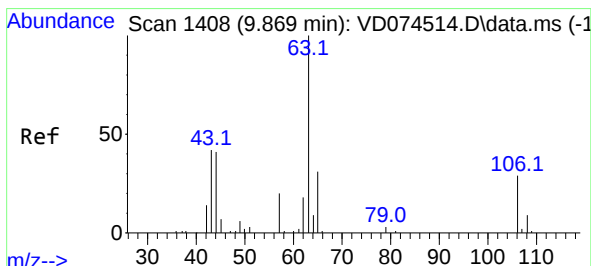
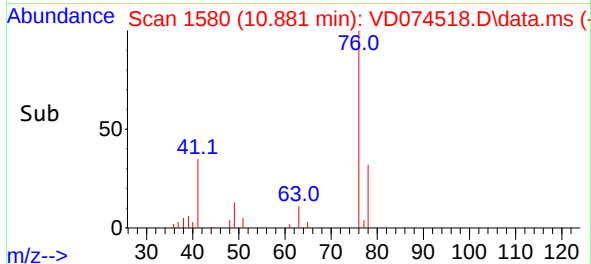
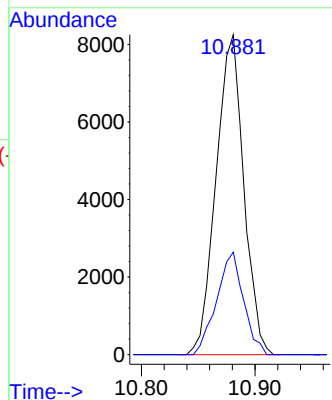
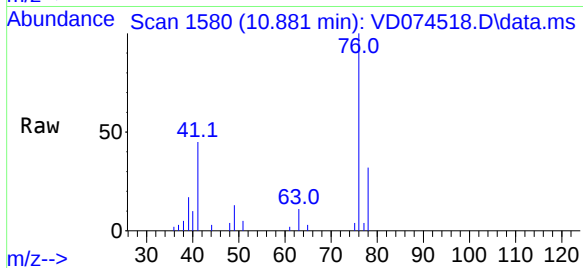
VSTDIC010

Tgt Ion: 76 Resp: 13979

Ion Ratio Lower Upper

76 100

78 31.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 31.986 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074518.D

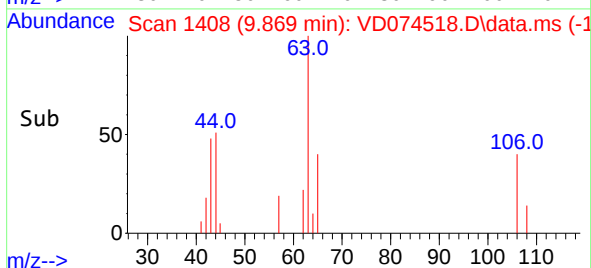
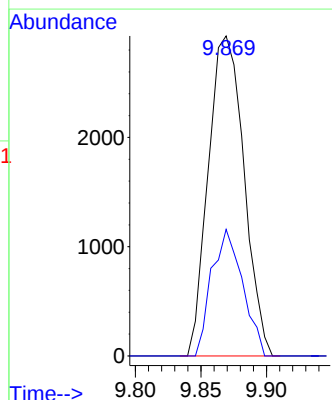
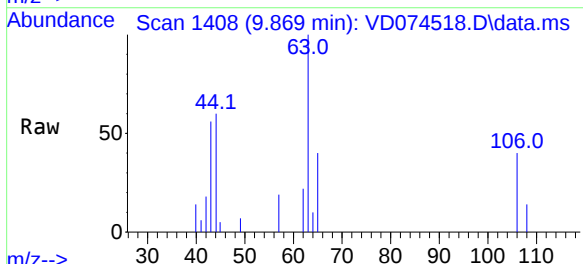
Acq: 11 Oct 2022 14:50

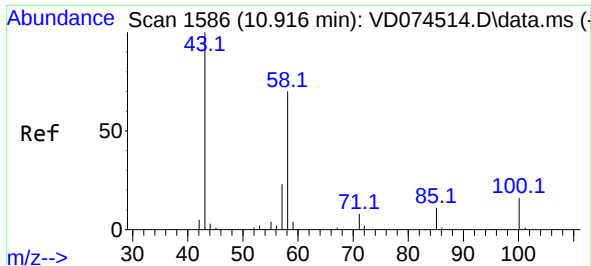
Tgt Ion: 63 Resp: 5544

Ion Ratio Lower Upper

63 100

106 34.3 26.5 39.7

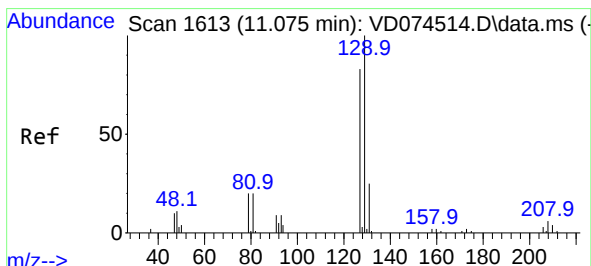
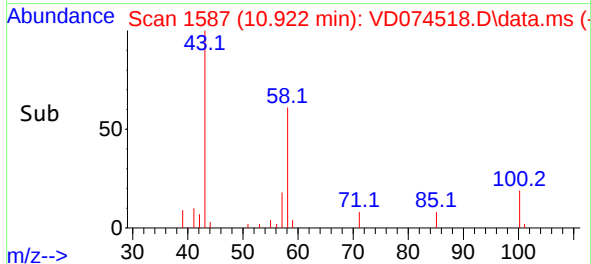
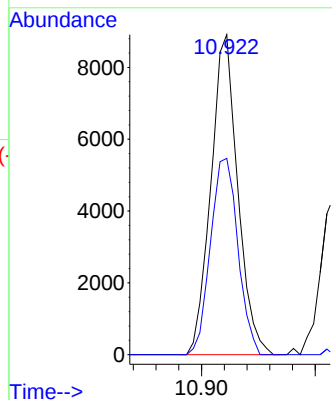
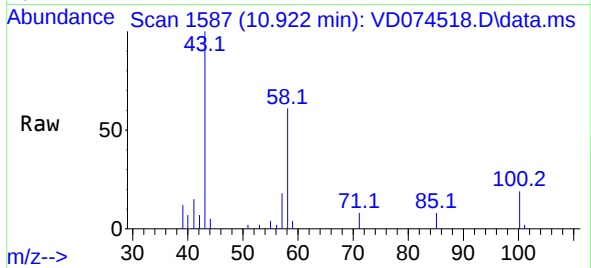




#59
2-Hexanone
Concen: 46.711 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

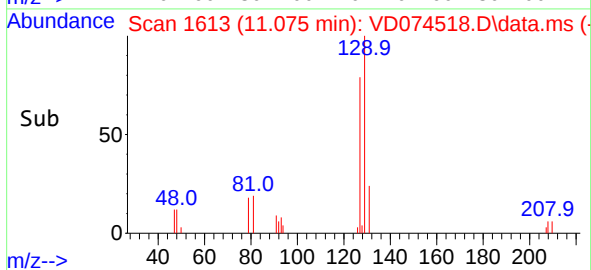
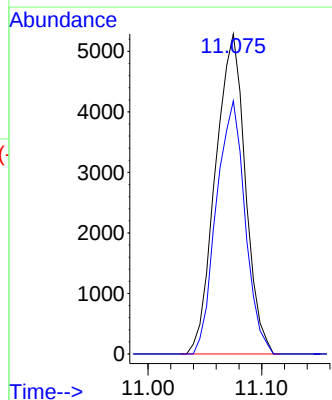
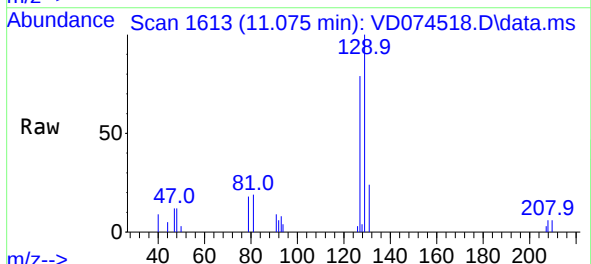
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

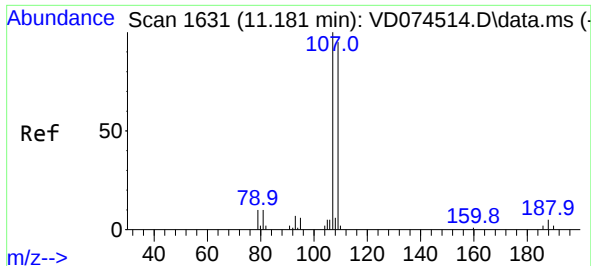
Tgt Ion: 43 Resp: 14625
Ion Ratio Lower Upper
43 100
58 62.5 32.0 96.2



#60
Dibromochloromethane
Concen: 10.037 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion: 129 Resp: 9667
Ion Ratio Lower Upper
129 100
127 75.9 39.1 117.2

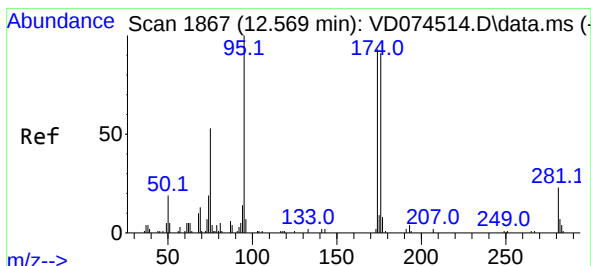
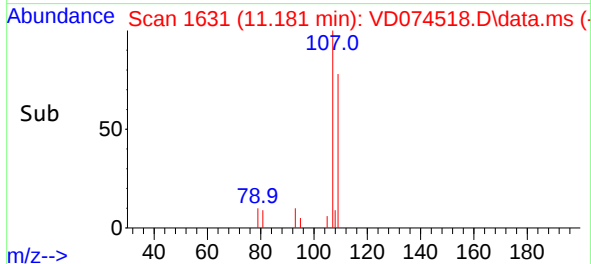
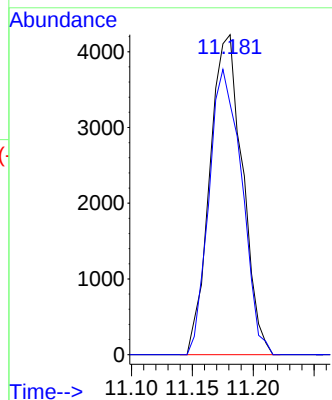
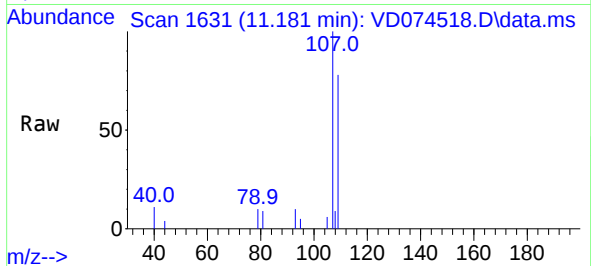




#61
1,2-Dibromoethane
Concen: 10.589 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

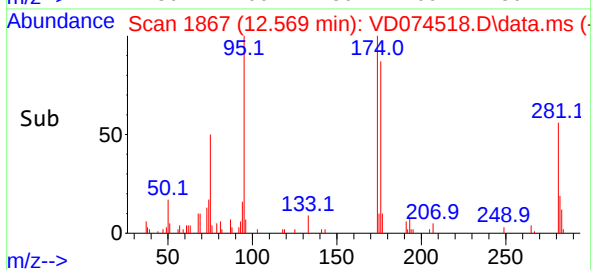
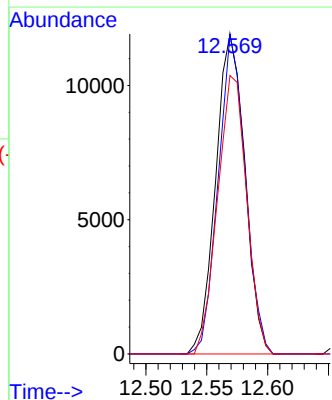
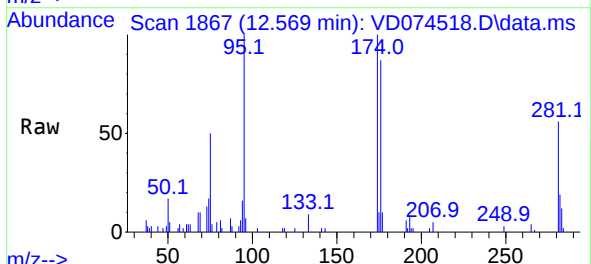
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

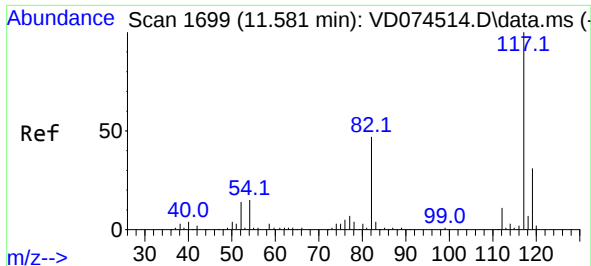
Tgt Ion:107 Resp: 7889
Ion Ratio Lower Upper
107 100
109 89.5 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 14.947 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion: 95 Resp: 19891
Ion Ratio Lower Upper
95 100
174 92.1 0.0 197.0
176 86.6 0.0 182.6

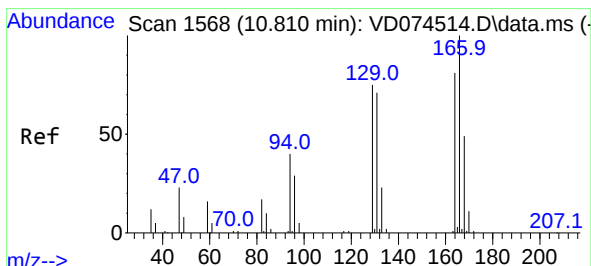
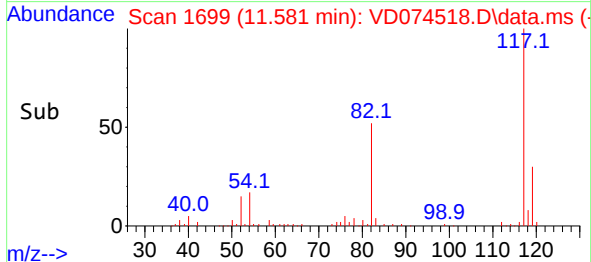
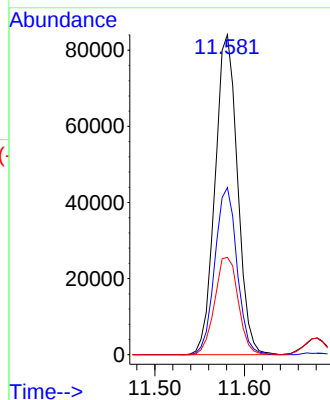
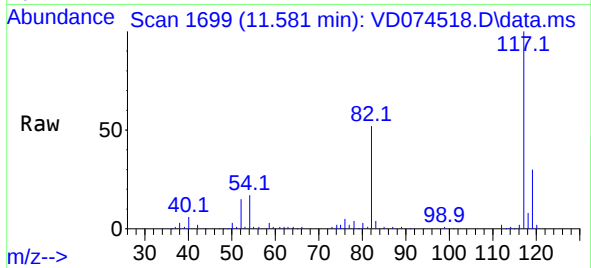




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

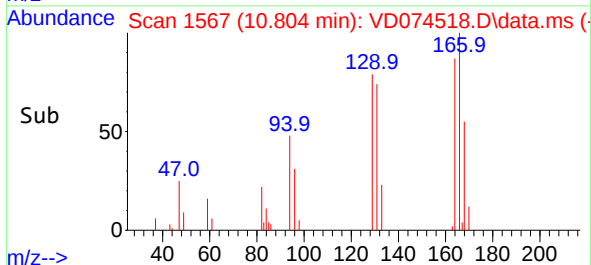
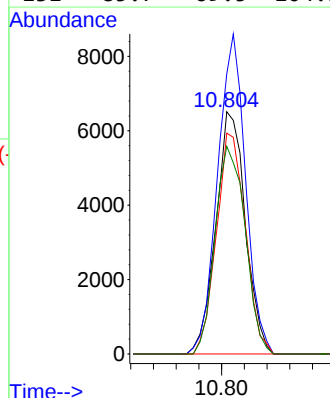
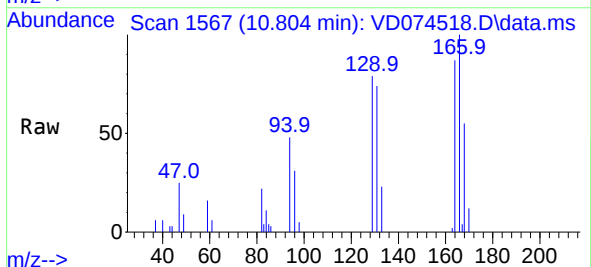
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

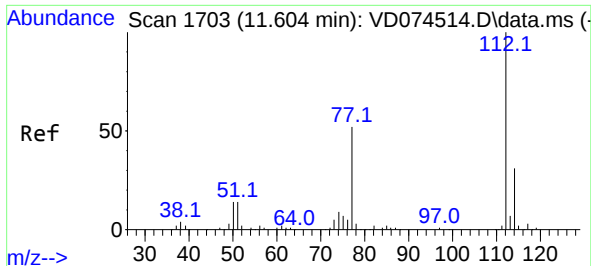
Tgt Ion:117 Resp: 146092
Ion Ratio Lower Upper
117 100
82 52.2 41.6 62.4
119 30.4 25.2 37.8



#64
Tetrachloroethene
Concen: 10.724 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion:164 Resp: 11732
Ion Ratio Lower Upper
164 100
166 115.5 107.8 161.8
129 91.1 77.4 116.2
131 85.7 69.5 104.3

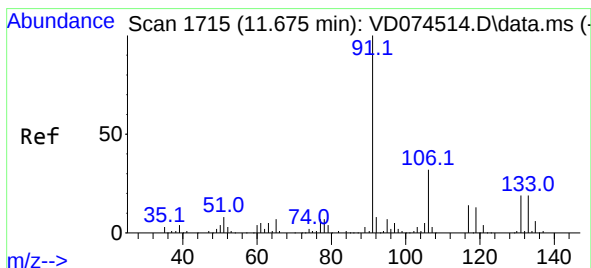
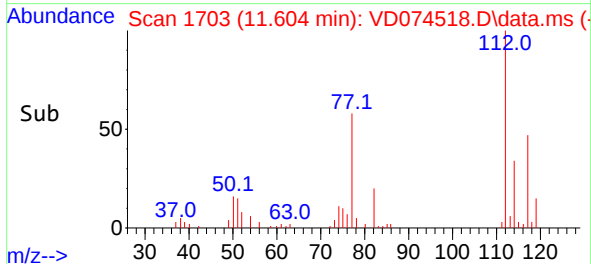
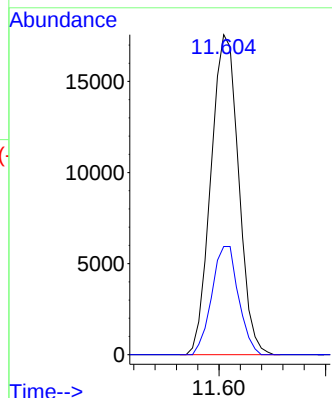
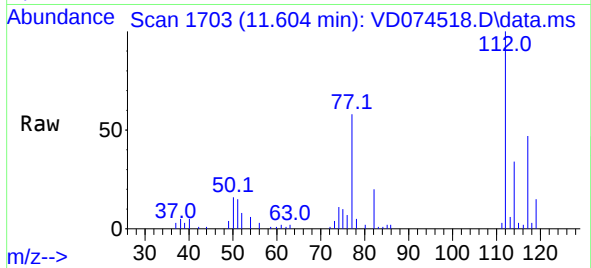




#65
Chlorobenzene
Concen: 10.093 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

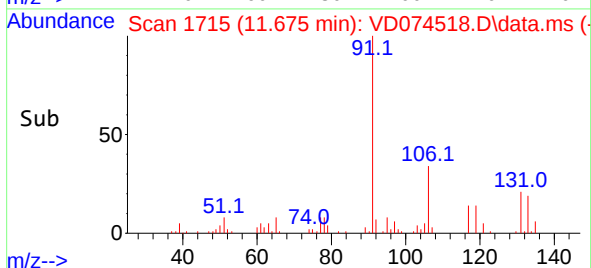
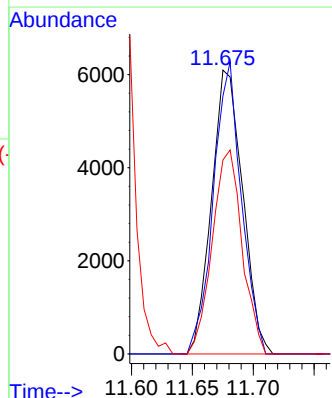
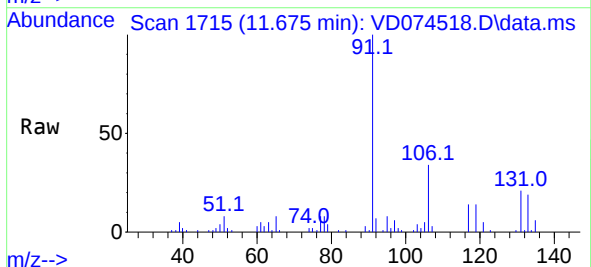
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

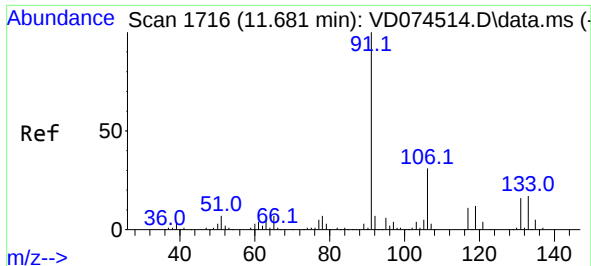
Tgt Ion:112 Resp: 31651
Ion Ratio Lower Upper
112 100
114 33.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 10.179 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion:131 Resp: 10831
Ion Ratio Lower Upper
131 100
133 92.7 46.6 139.8
119 69.0 32.5 97.4

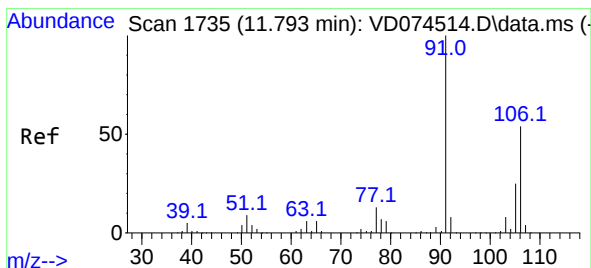
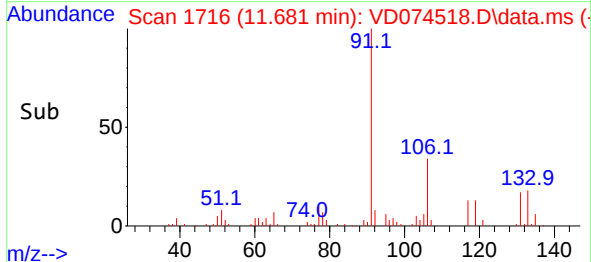
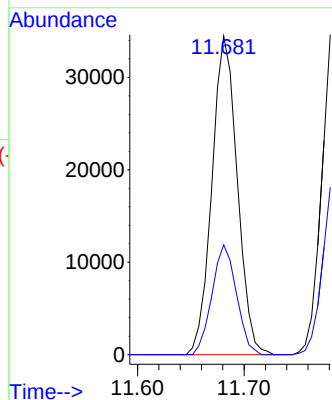
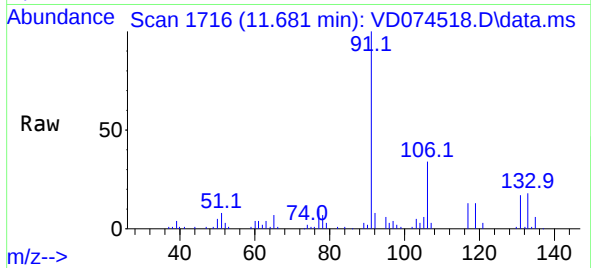




#67
Ethyl Benzene
Concen: 10.227 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

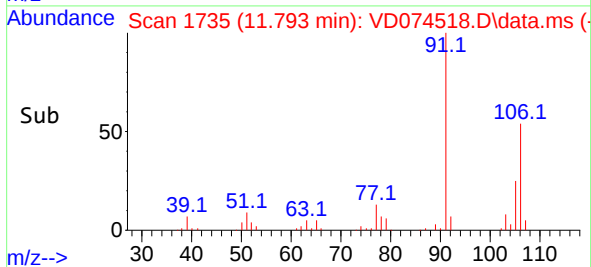
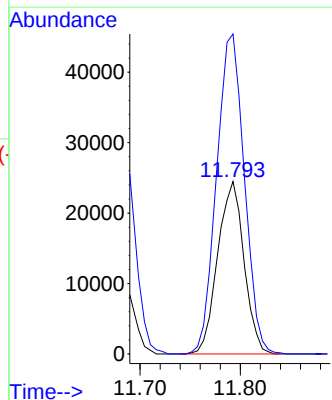
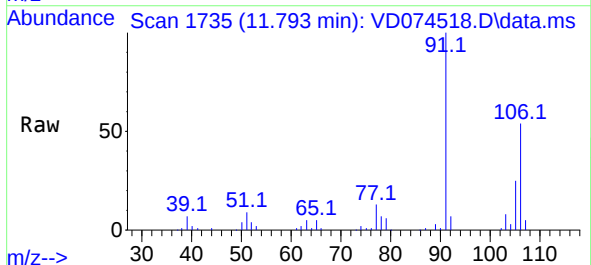
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

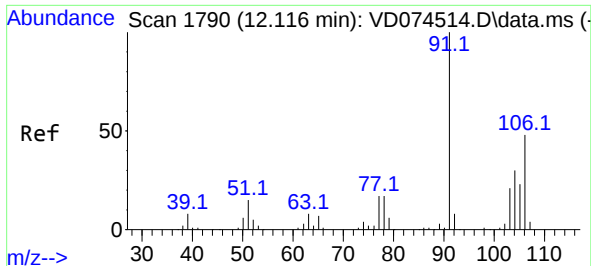
Tgt Ion: 91 Resp: 56848
Ion Ratio Lower Upper
91 100
106 34.5 26.6 40.0



#68
m/p-Xylenes
Concen: 20.140 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion:106 Resp: 44639
Ion Ratio Lower Upper
106 100
91 195.8 156.2 234.4

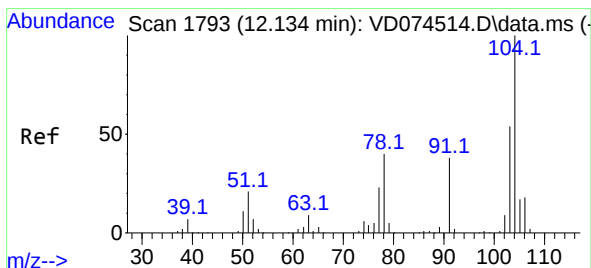
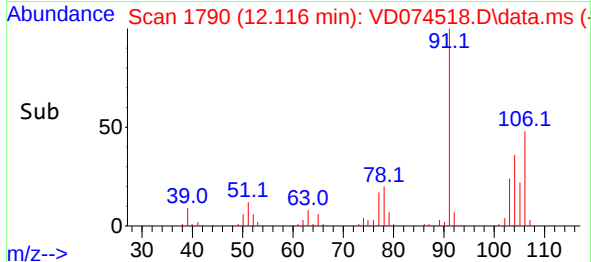
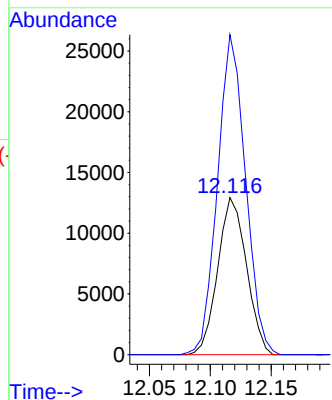
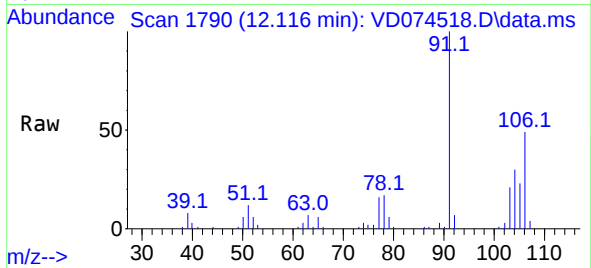




#69
o-Xylene
Concen: 10.312 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

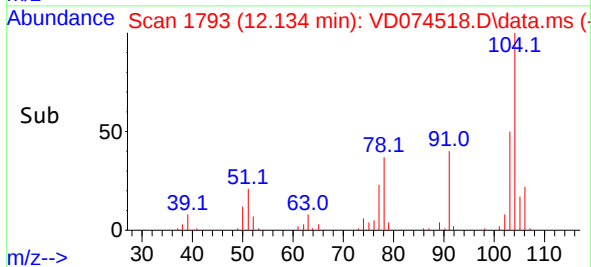
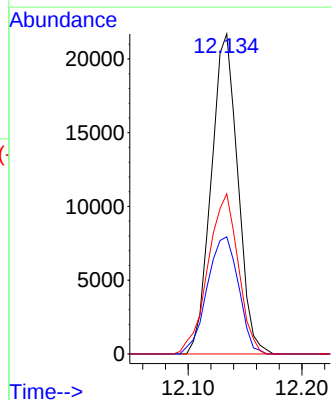
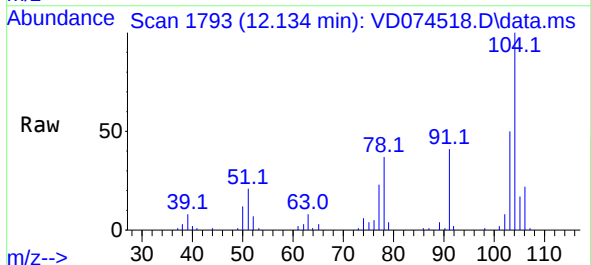
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

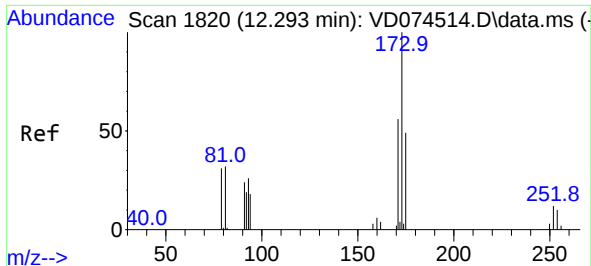
Tgt Ion:106 Resp: 21267
Ion Ratio Lower Upper
106 100
91 198.4 104.5 313.3



#70
Styrene
Concen: 10.102 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion:104 Resp: 35203
Ion Ratio Lower Upper
104 100
78 43.1 35.7 53.5
103 56.9 43.7 65.5

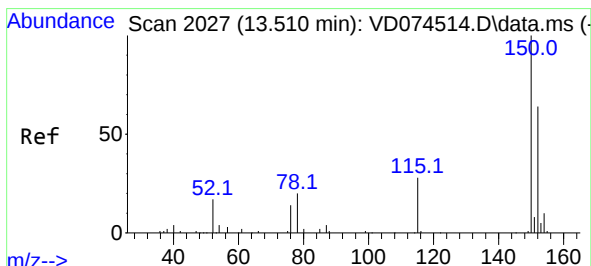
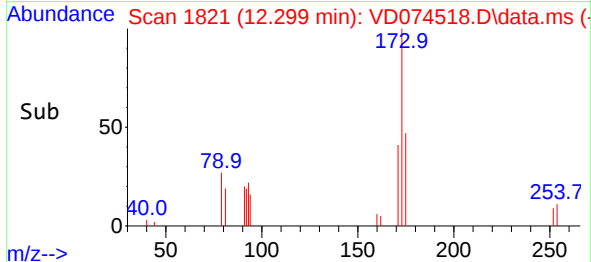
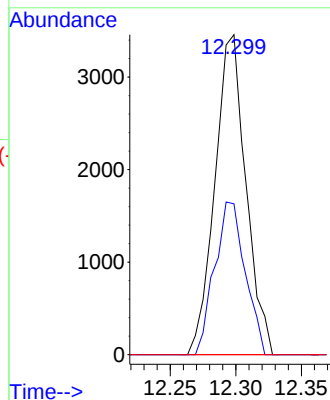
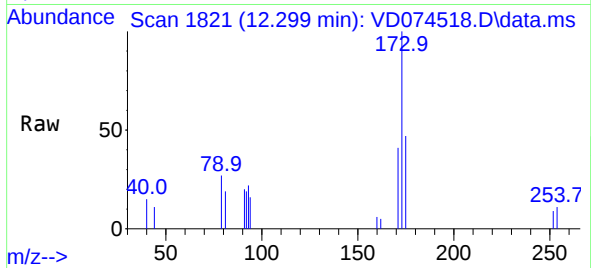




#71
Bromoform
Concen: 10.496 ug/l
RT: 12.299 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

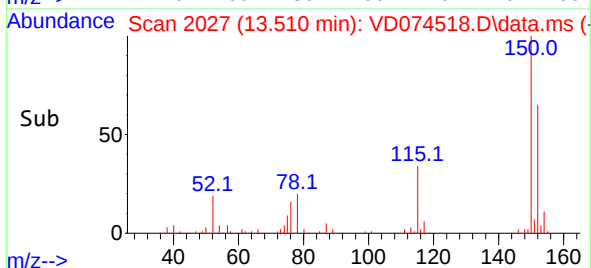
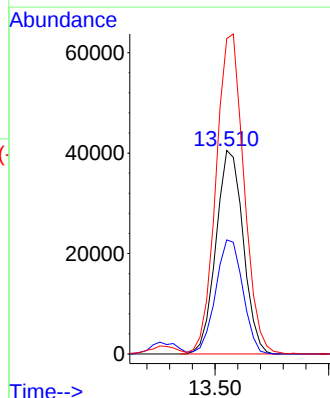
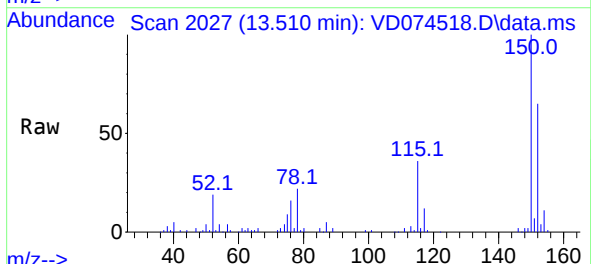
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

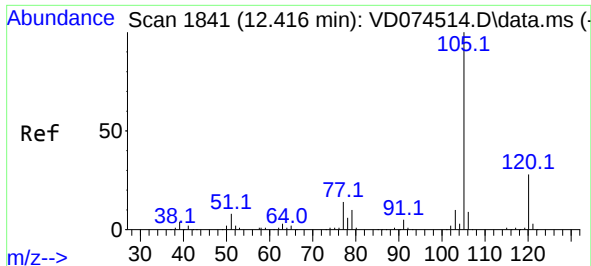
Tgt Ion:173 Resp: 5689
Ion Ratio Lower Upper
173 100
175 46.9 23.1 69.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion:152 Resp: 67358
Ion Ratio Lower Upper
152 100
115 56.1 26.8 80.4
150 161.4 0.0 348.2

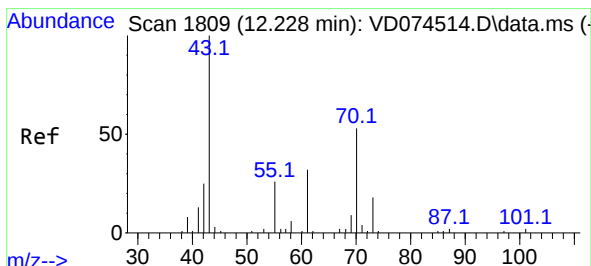
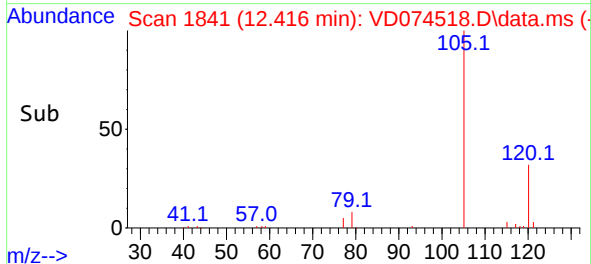
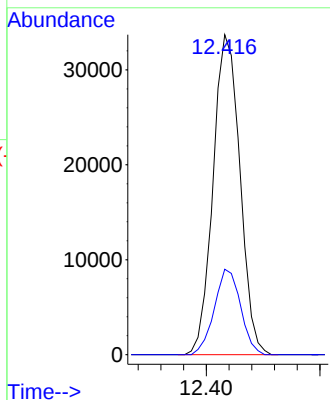
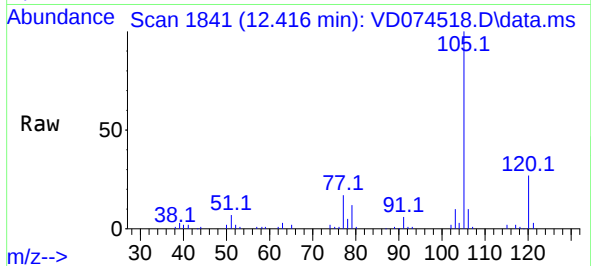




#73
Isopropylbenzene
Concen: 10.209 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

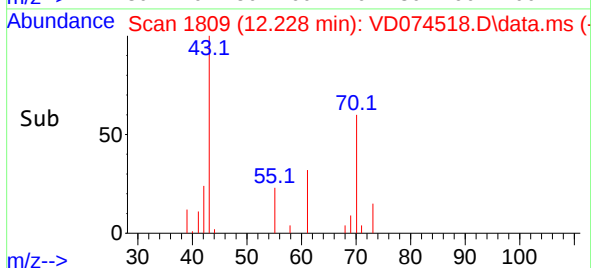
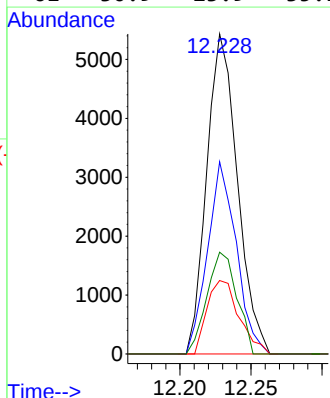
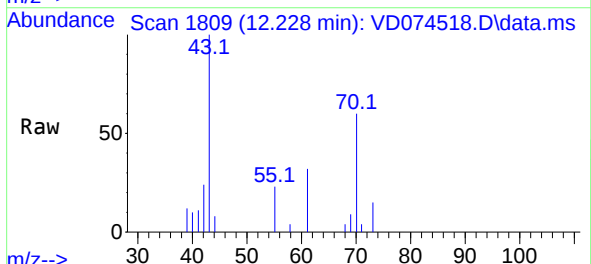
Instrument :
MSVOA_D
ClientSampleId :
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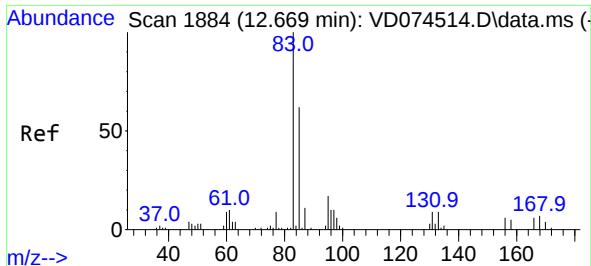
Tgt Ion:105 Resp: 55320
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.4



#74
N-ethyl acetate
Concen: 9.629 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion: 43 Resp: 8172
Ion Ratio Lower Upper
43 100
70 56.1 43.8 65.6
55 24.0 22.0 33.0
61 30.9 23.9 35.9

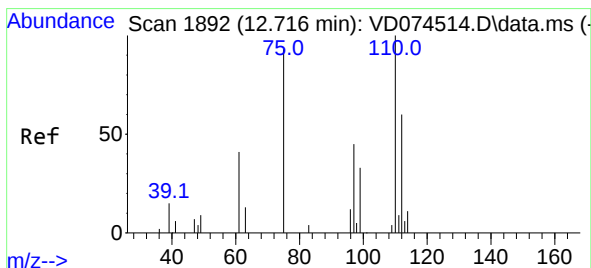
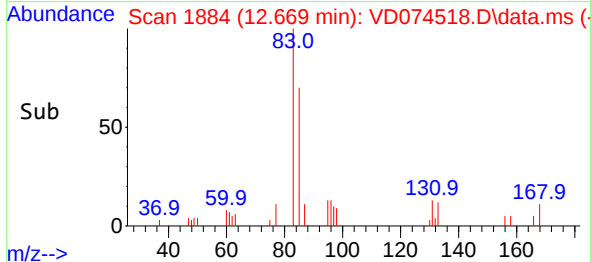
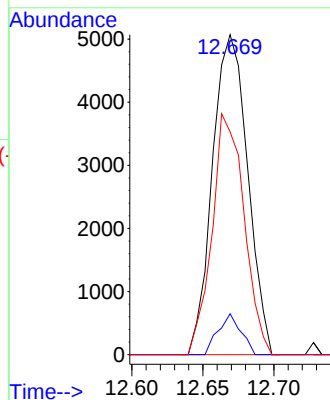
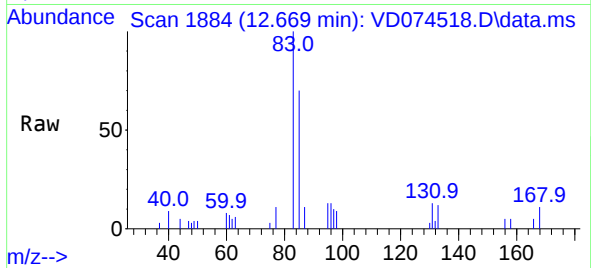




#75
1,1,2,2-Tetrachloroethane
Concen: 10.193 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

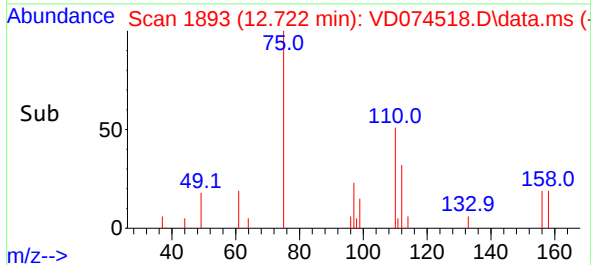
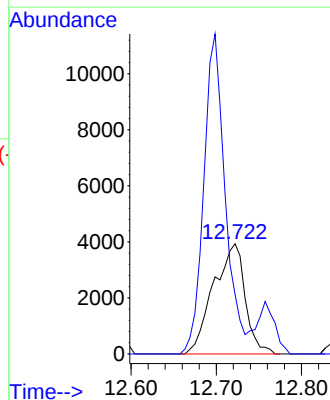
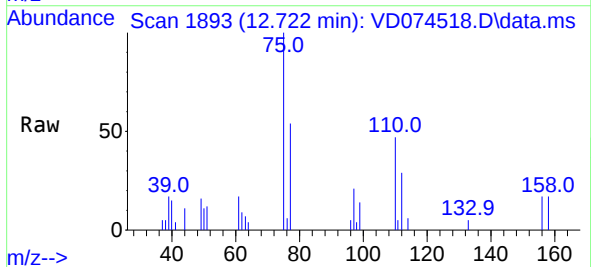
Instrument :
MSVOA_D
ClientSampleId :
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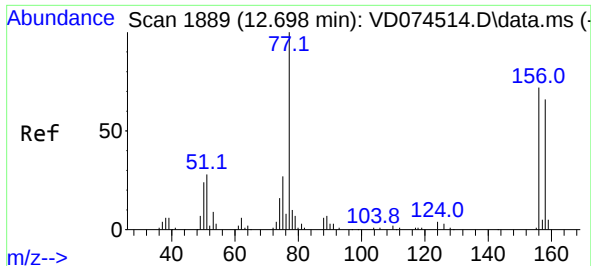
Tgt Ion: 83 Resp: 8737
Ion Ratio Lower Upper
83 100
131 8.3 4.7 14.1
85 68.5 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 19.734 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion: 75 Resp: 10177
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

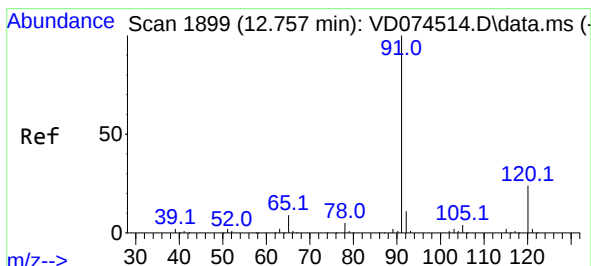
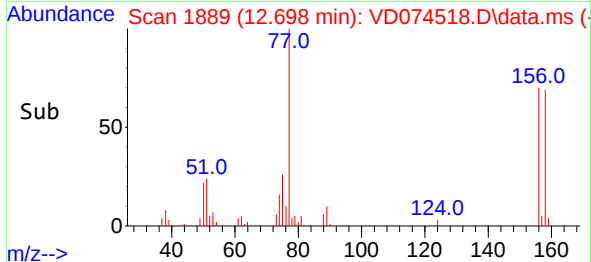
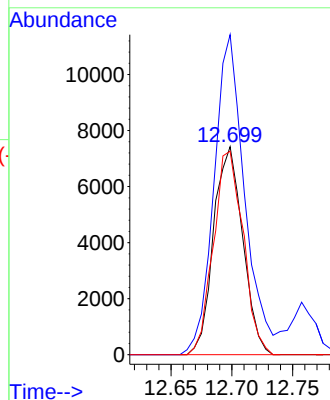
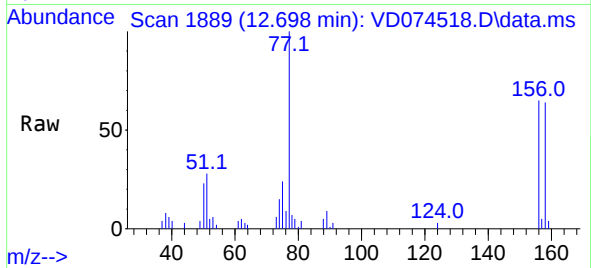




#77
Bromobenzene
Concen: 10.095 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

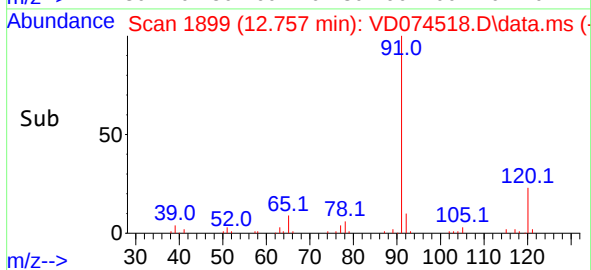
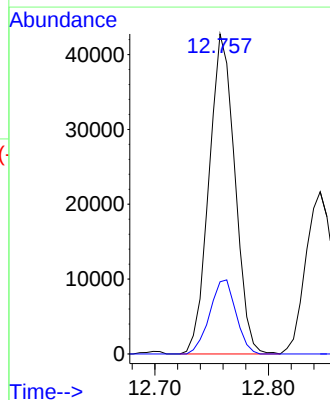
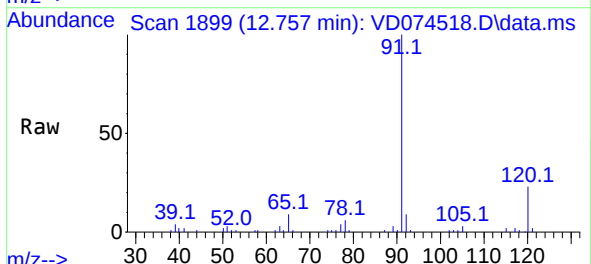
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

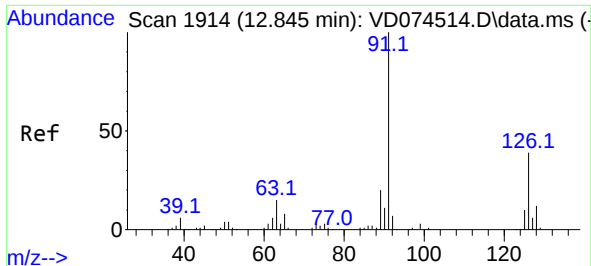
Tgt Ion:156 Resp: 12375
Ion Ratio Lower Upper
156 100
77 160.9 77.7 233.1
158 99.8 49.4 148.2



#78
n-propylbenzene
Concen: 10.318 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion: 91 Resp: 67642
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.7





#79

2-Chlorotoluene

Concen: 10.431 ug/l

RT: 12.846 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

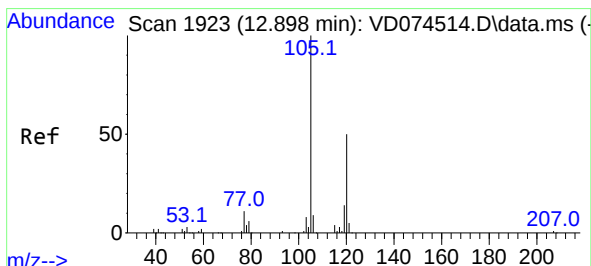
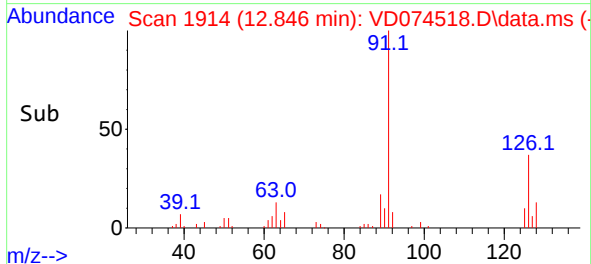
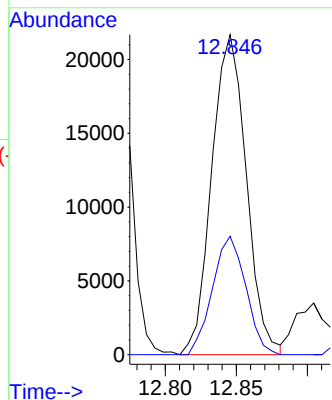
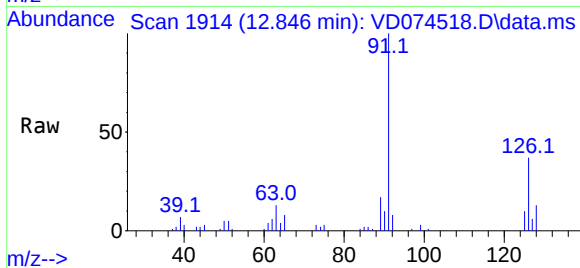
VSTDICC010

Tgt Ion: 91 Resp: 36702

Ion Ratio Lower Upper

91 100

126 35.6 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 10.189 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VD074518.D

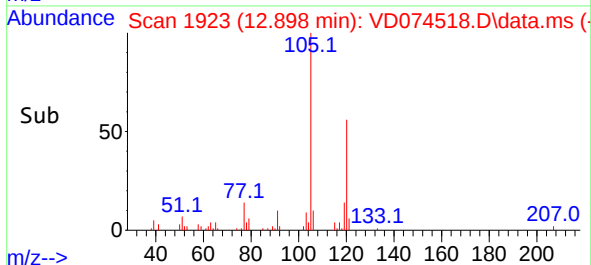
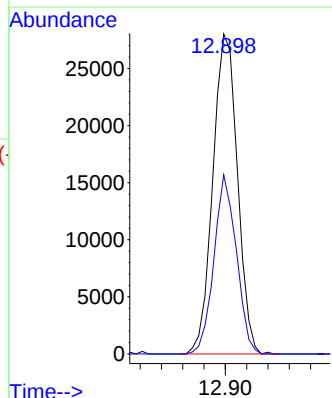
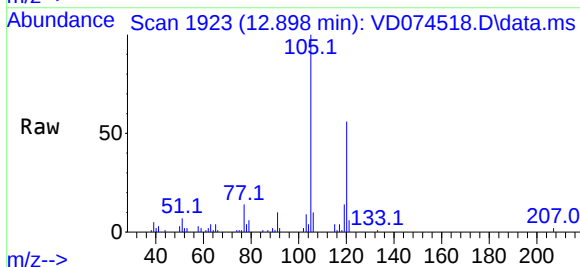
Acq: 11 Oct 2022 14:50

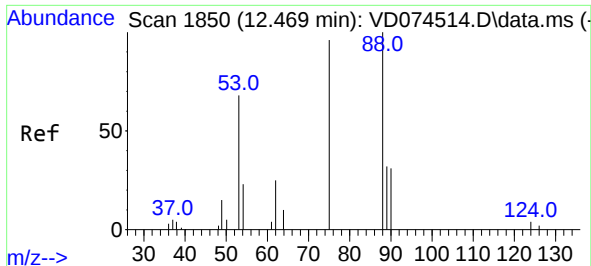
Tgt Ion: 105 Resp: 44873

Ion Ratio Lower Upper

105 100

120 50.9 25.7 77.0

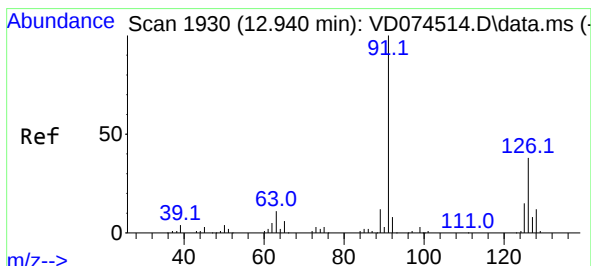
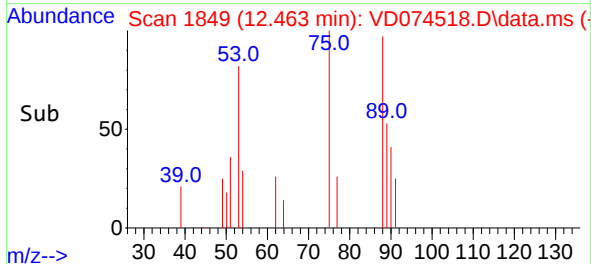
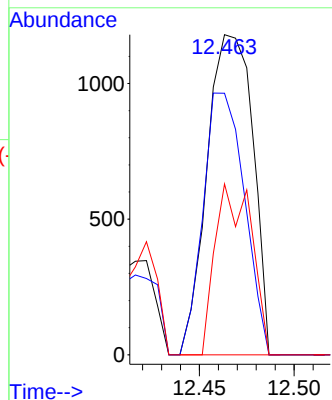
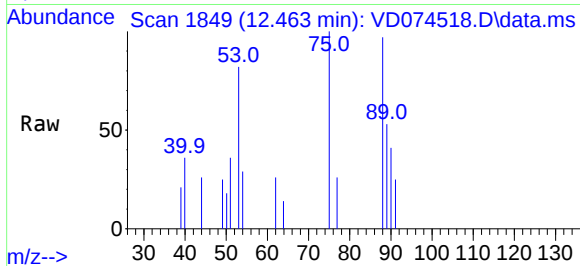




#81
trans-1,4-Dichloro-2-butene
Concen: 8.747 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

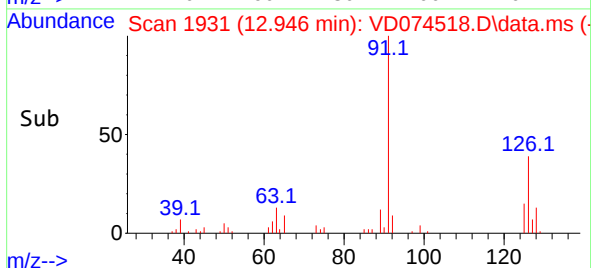
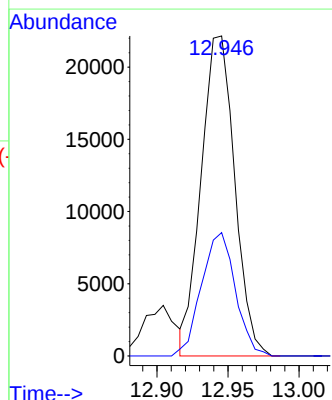
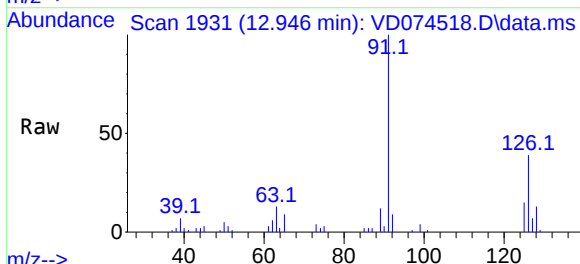
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

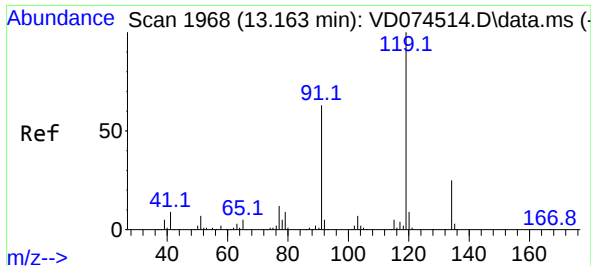
Tgt Ion: 75 Resp: 1985
Ion Ratio Lower Upper
75 100
53 74.0 63.8 95.6
89 42.2 38.2 57.4



#82
4-Chlorotoluene
Concen: 10.316 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion: 91 Resp: 36433
Ion Ratio Lower Upper
91 100
126 38.9 18.8 56.4

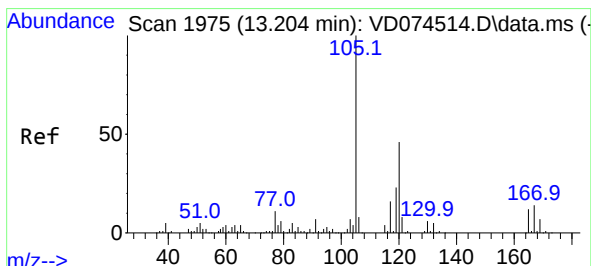
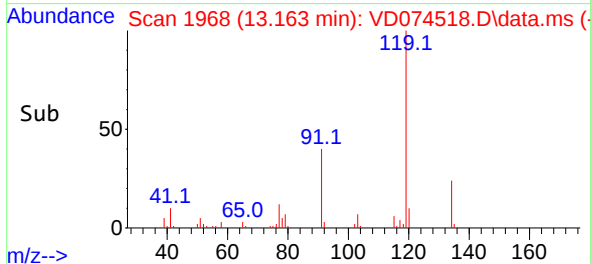
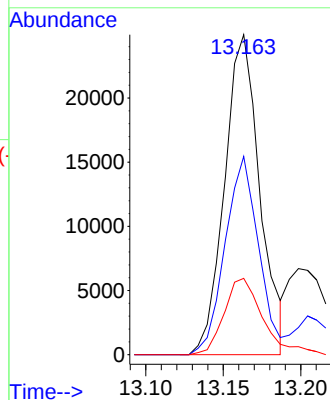
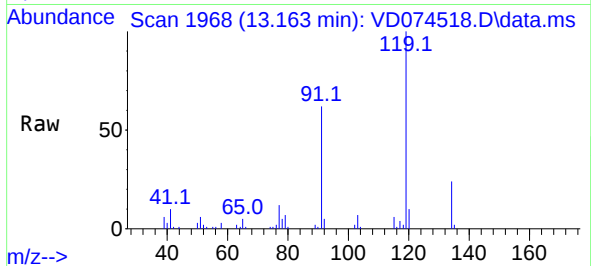




#83
tert-Butylbenzene
Concen: 10.250 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

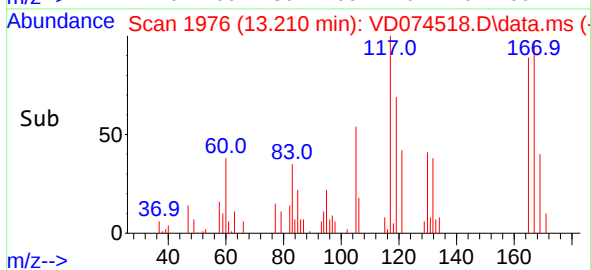
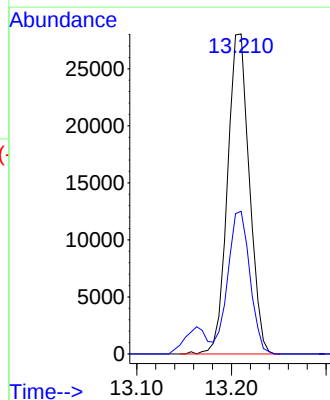
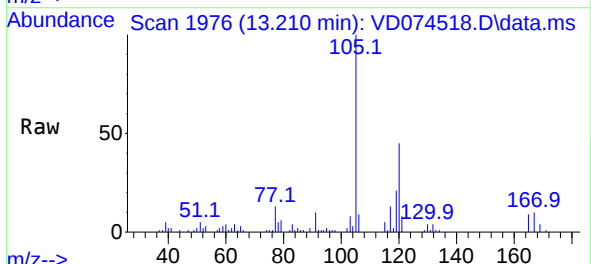
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

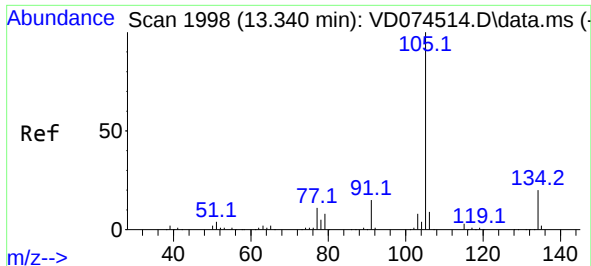
Tgt Ion:	119	Resp:	39528
Ion	Ratio	Lower	Upper
119	100		
91	58.6	30.0	90.0
134	26.2	13.4	40.1



#84
1,2,4-Trimethylbenzene
Concen: 10.305 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion:	105	Resp:	44959
Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.9	68.7

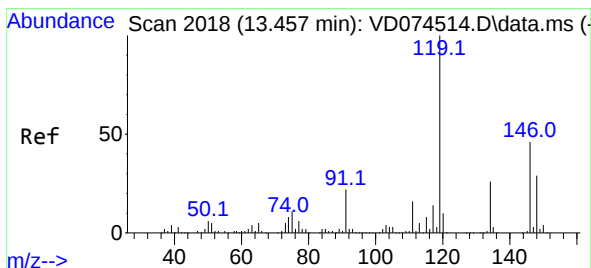
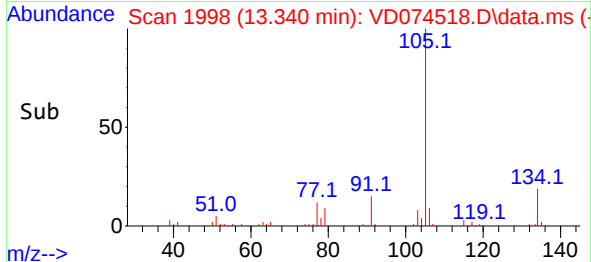
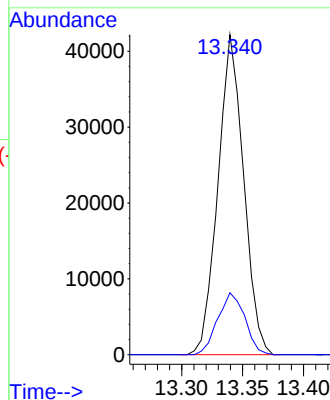
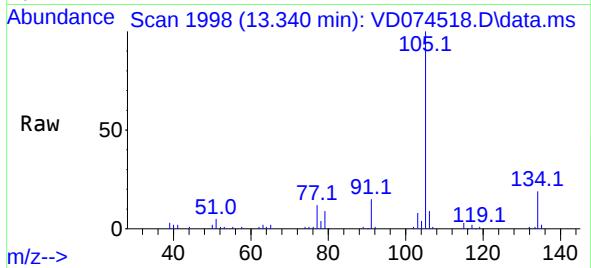




#85
 sec-Butylbenzene
 Concen: 10.528 ug/l
 RT: 13.340 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VD074518.D
 Acq: 11 Oct 2022 14:50

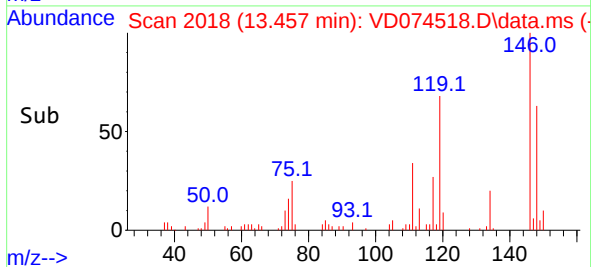
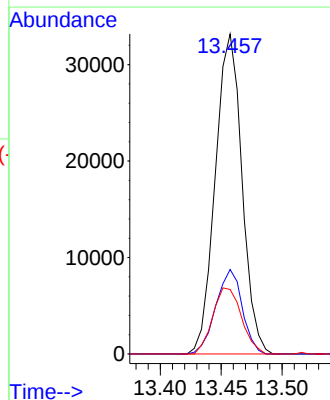
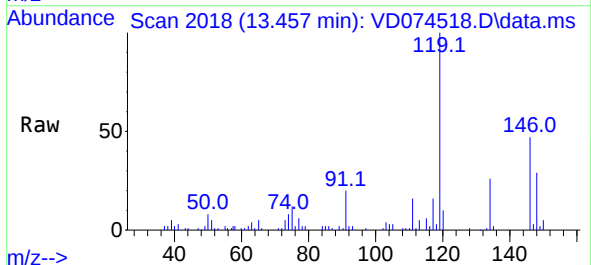
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

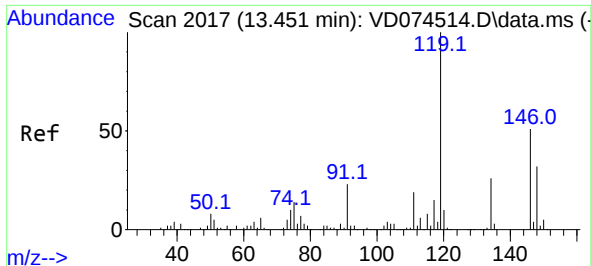
Tgt Ion:105 Resp: 61860
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 10.360 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD074518.D
 Acq: 11 Oct 2022 14:50

Tgt Ion:119 Resp: 50547
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.5 40.4
 91 22.2 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 10.338 ug/l

RT: 13.451 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

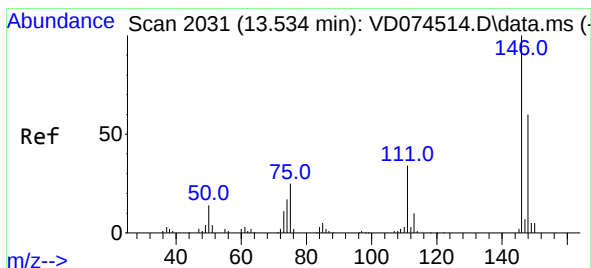
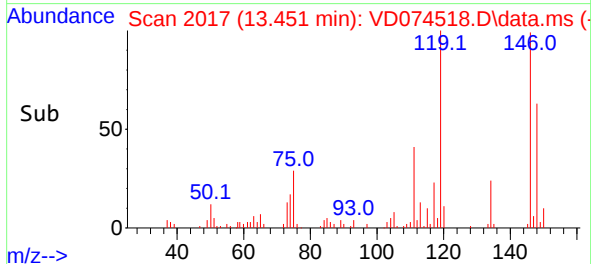
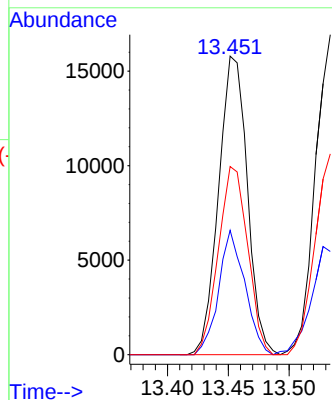
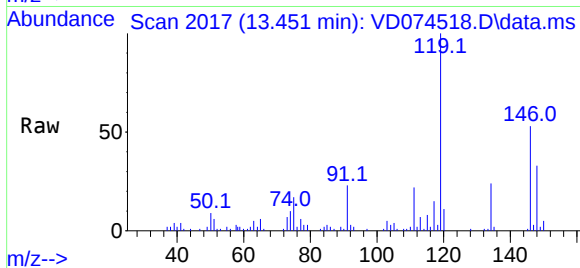
Tgt Ion:146 Resp: 25966

Ion Ratio Lower Upper

146 100

111 38.1 18.3 54.8

148 64.2 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 10.749 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

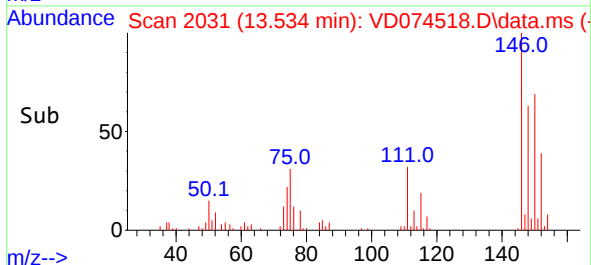
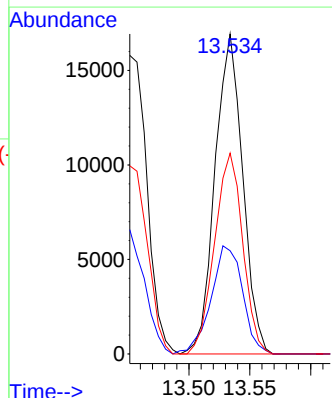
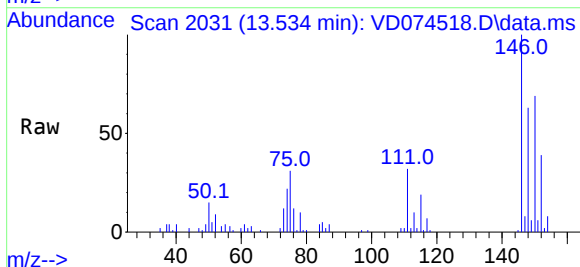
Tgt Ion:146 Resp: 26793

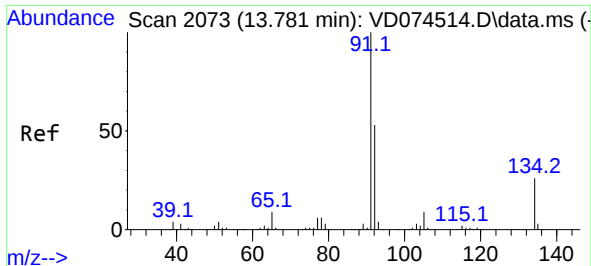
Ion Ratio Lower Upper

146 100

111 38.5 17.7 53.1

148 64.0 32.3 96.9

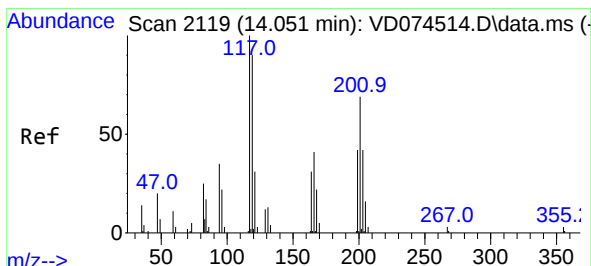
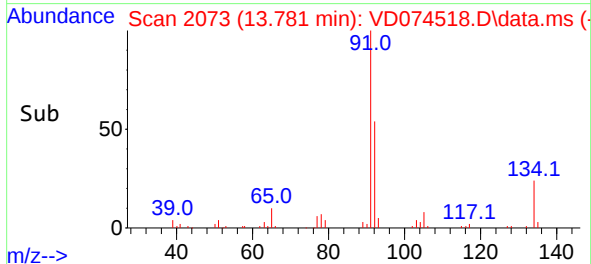
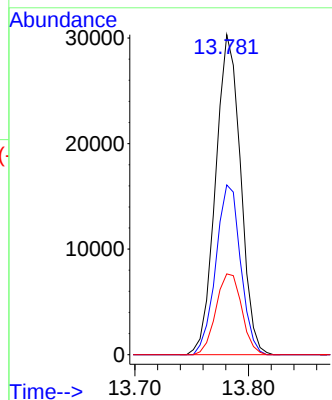
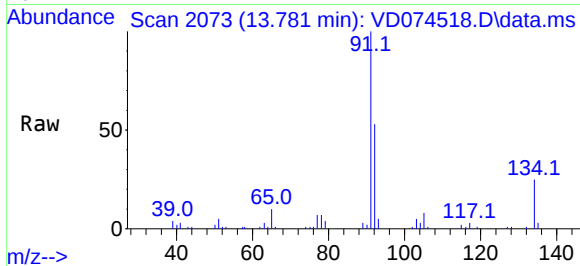




#89
n-Butylbenzene
Concen: 10.181 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

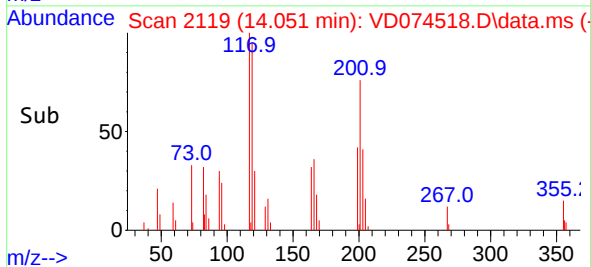
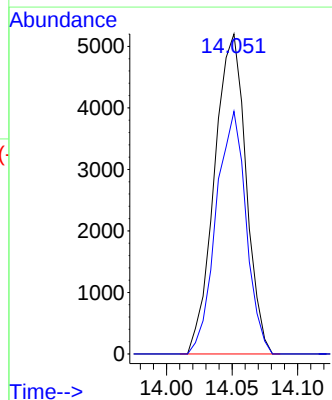
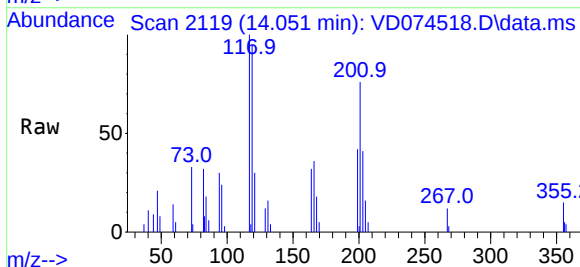
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

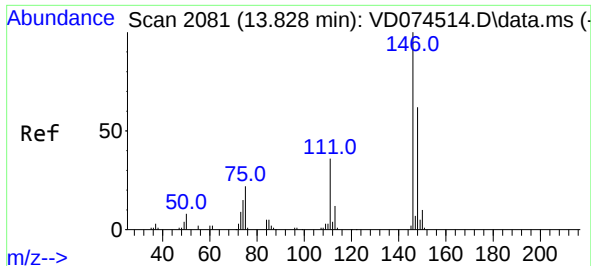
Tgt Ion:	91	Resp:	46399
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.9	80.7
134	26.1	13.4	40.2



#90
Hexachloroethane
Concen: 10.102 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion:	117	Resp:	8702
Ion	Ratio	Lower	Upper
117	100		
201	71.9	38.0	114.0





#91

1,2-Dichlorobenzene

Concen: 10.388 ug/l

RT: 13.822 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

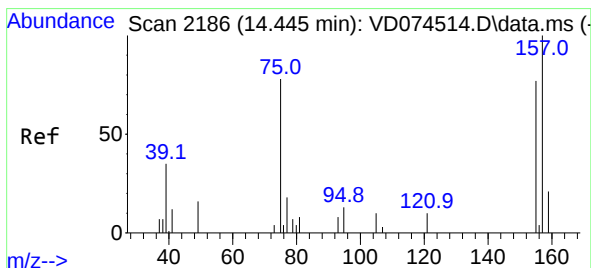
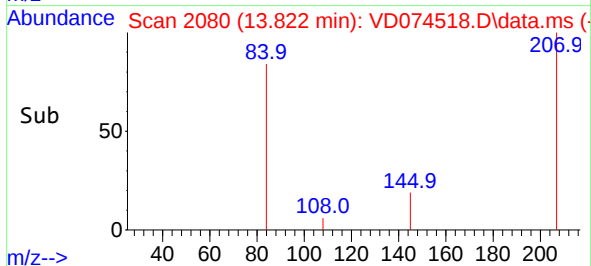
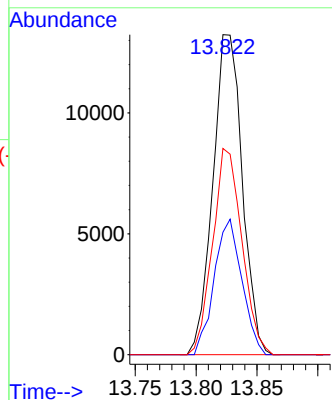
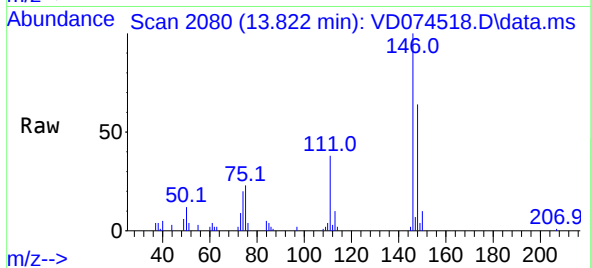
Tgt Ion:146 Resp: 22256

Ion Ratio Lower Upper

146 100

111 39.8 18.9 56.5

148 64.1 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 8.542 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD074518.D

Acq: 11 Oct 2022 14:50

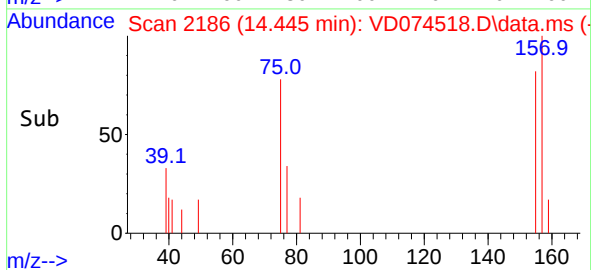
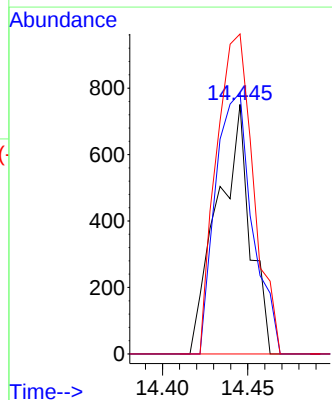
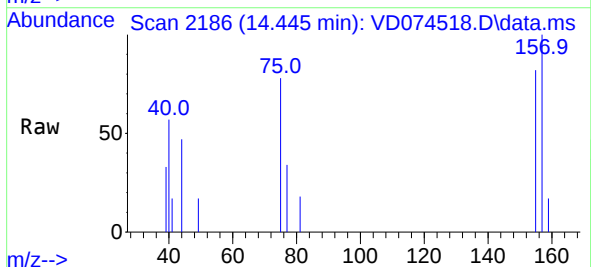
Tgt Ion: 75 Resp: 1001

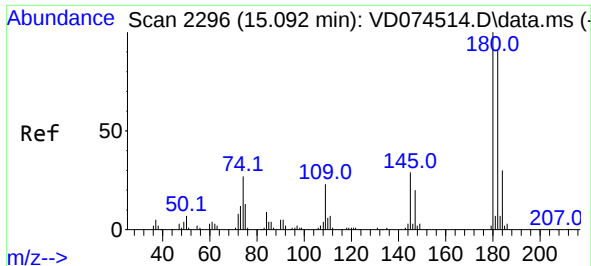
Ion Ratio Lower Upper

75 100

155 118.1 51.2 153.8

157 146.4 68.2 204.5

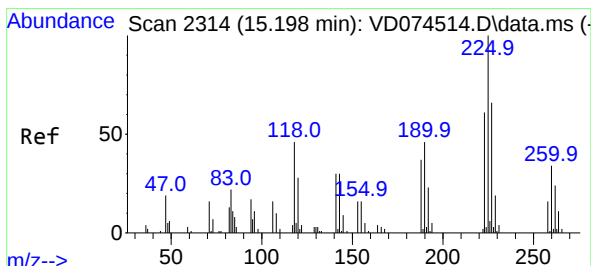
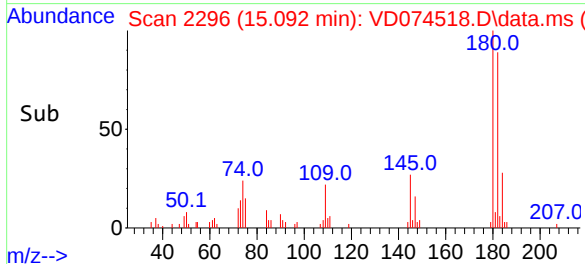
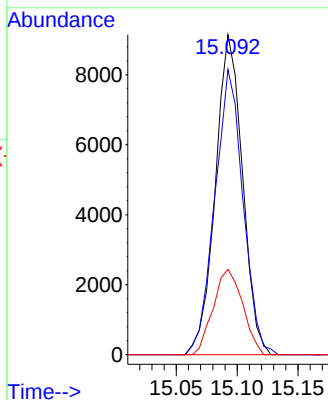
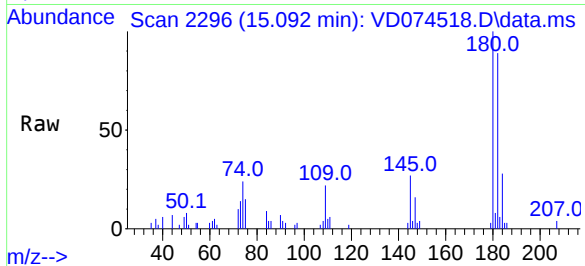




#93
1,2,4-Trichlorobenzene
Concen: 10.031 ug/l
RT: 15.092 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

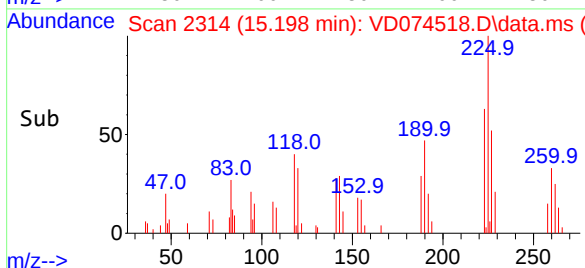
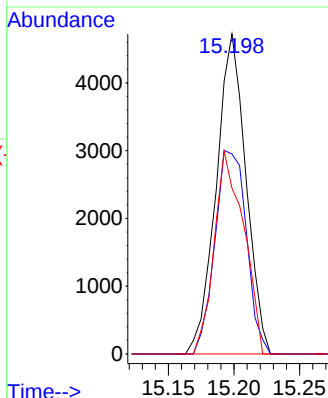
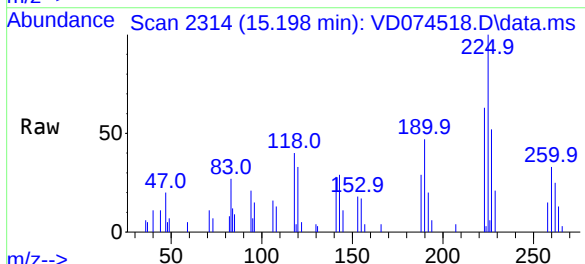
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

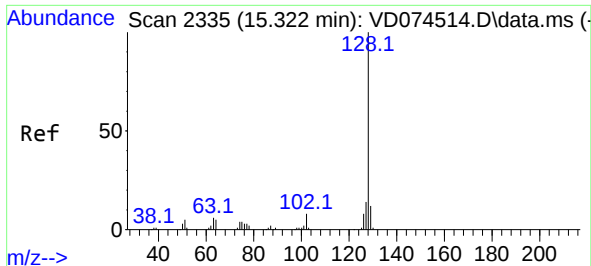
Tgt Ion:180 Resp: 14171
Ion Ratio Lower Upper
180 100
182 92.6 46.9 140.6
145 28.9 14.1 42.3



#94
Hexachlorobutadiene
Concen: 10.128 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion:225 Resp: 7439
Ion Ratio Lower Upper
225 100
223 67.2 31.9 95.5
227 62.8 32.6 97.8

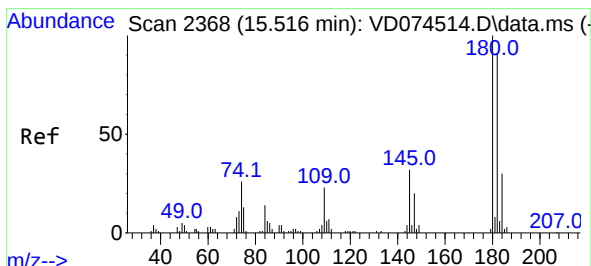
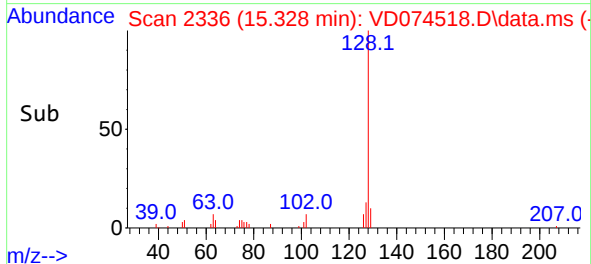
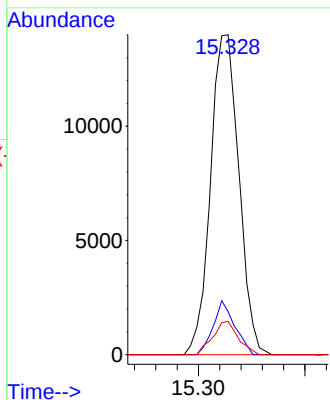
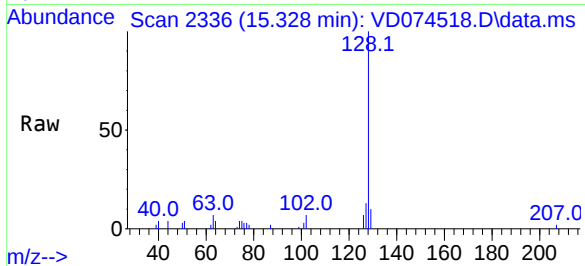




#95
Naphthalene
Concen: 9.694 ug/l
RT: 15.328 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:	128	Resp:	25865
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	9.3	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 9.856 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD074518.D
Acq: 11 Oct 2022 14:50

Tgt Ion:	180	Resp:	11886
Ion Ratio	Lower	Upper	
180	100		
182	93.2	46.7	140.1
145	31.4	14.9	44.7

