

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074198.D
 Acq On : 23 Aug 2022 22:37
 Operator : VA/SY
 Sample : VY0823SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS02

Quant Time: Aug 24 06:22:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	142514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	239170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	228070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	113828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	68501	47.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.080%
35) Dibromofluoromethane	7.903	113	75484	47.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.360%
50) Toluene-d8	10.332	98	229296	44.535	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.060%
62) 4-Bromofluorobenzene	12.620	95	96552	47.468	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	29460	24.634	ug/l	95
3) Chloromethane	2.209	50	15730	18.461	ug/l	92
4) Vinyl Chloride	2.344	62	16874	18.864	ug/l	97
5) Bromomethane	2.756	94	10831	18.749	ug/l	91
6) Chloroethane	2.909	64	11975	20.629	ug/l	99
7) Trichlorofluoromethane	3.262	101	53667	20.652	ug/l	95
8) Diethyl Ether	3.709	74	14660	20.994	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.085	101	31582	20.086	ug/l	95
10) Methyl Iodide	4.297	142	30887	16.995	ug/l	99
11) Tert butyl alcohol	5.232	59	11496	126.768	ug/l #	86
12) 1,1-Dichloroethene	4.056	96	27361	19.458	ug/l	87
13) Acrolein	3.915	56	5757	147.610	ug/l	97
14) Allyl chloride	4.709	41	43986	19.981	ug/l	93
15) Acrylonitrile	5.420	53	36237	111.606	ug/l	99
16) Acetone	4.150	43	28516	102.780	ug/l	98
17) Carbon Disulfide	4.397	76	66500	16.084	ug/l	100
18) Methyl Acetate	4.721	43	18033	21.224	ug/l #	88
19) Methyl tert-butyl Ether	5.473	73	71439	21.215	ug/l	96
20) Methylene Chloride	4.962	84	55776	29.035	ug/l #	79
21) trans-1,2-Dichloroethene	5.456	96	32839	19.972	ug/l #	75
22) Diisopropyl ether	6.367	45	99980	22.145	ug/l #	87
23) Vinyl Acetate	6.303	43	200387	85.605	ug/l #	90
24) 1,1-Dichloroethane	6.256	63	62100	20.863	ug/l	99
25) 2-Butanone	7.215	43	48418	112.728	ug/l	98
26) 2,2-Dichloropropane	7.197	77	53982	20.128	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	38195	20.671	ug/l	93
28) Bromochloromethane	7.538	49	19025	21.146	ug/l #	70
29) Tetrahydrofuran	7.562	42	27969	107.902	ug/l	92
30) Chloroform	7.703	83	69719	22.216	ug/l	95
31) Cyclohexane	7.979	56	47039	18.147	ug/l #	83
32) 1,1,1-Trichloroethane	7.897	97	62359	21.443	ug/l	95
36) 1,1-Dichloropropene	8.103	75	45447	18.796	ug/l	94
37) Ethyl Acetate	7.291	43	21923	22.996	ug/l	96
38) Carbon Tetrachloride	8.085	117	50459	19.427	ug/l	95
39) Methylcyclohexane	9.344	83	48241	17.309	ug/l	95
40) Benzene	8.344	78	134226	19.694	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	12944	22.587	ug/l	93
42) 1,2-Dichloroethane	8.414	62	41852	20.832	ug/l	96
43) Isopropyl Acetate	8.444	43	40599	21.171	ug/l #	93
44) Trichloroethene	9.103	130	37406	18.930	ug/l	99
45) 1,2-Dichloropropane	9.379	63	35291	20.743	ug/l	95
46) Dibromomethane	9.467	93	20384	21.475	ug/l	96
47) Bromodichloromethane	9.650	83	53085	21.502	ug/l	96
48) Methyl methacrylate	9.450	41	17642	19.900	ug/l #	78
49) 1,4-Dioxane	9.450	88	4707	437.030	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	106340	110.996	ug/l	95
52) Toluene	10.397	92	89400	19.954	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	46612	20.820	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	53381	20.109	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	28247	21.759	ug/l	95
56) Ethyl methacrylate	10.650	69	31786	21.434	ug/l	87
57) 1,3-Dichloropropane	10.932	76	46718	21.536	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.932	63	51694	115.157	ug/l	96
59) 2-Hexanone	10.973	43	71172	110.181	ug/l	97
60) Dibromochloromethane	11.126	129	36782	21.818	ug/l	97
61) 1,2-Dibromoethane	11.232	107	26890	21.236	ug/l	97
64) Tetrachloroethene	10.861	164	33091	19.883	ug/l	93
65) Chlorobenzene	11.655	112	99815	20.081	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	38110	20.394	ug/l	99
67) Ethyl Benzene	11.732	91	169673	19.945	ug/l	98
68) m/p-Xylenes	11.838	106	136838	40.386	ug/l	96
69) o-Xylene	12.167	106	62039	19.844	ug/l	93
70) Styrene	12.179	104	110313	20.580	ug/l	97
71) Bromoform	12.350	173	21191	20.851	ug/l #	96
73) Isopropylbenzene	12.467	105	164180	19.920	ug/l	97
74) N-amyl acetate	12.273	43	38027	21.210	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	32617	22.158	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	39817	35.825	ug/l #	100
77) Bromobenzene	12.749	156	40394	20.687	ug/l	90
78) n-propylbenzene	12.802	91	205811	20.418	ug/l	98
79) 2-Chlorotoluene	12.891	91	120836	20.760	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	147703	20.860	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	8698	20.125	ug/l	87
82) 4-Chlorotoluene	12.991	91	129953	21.105	ug/l	98
83) tert-Butylbenzene	13.208	119	121381	20.351	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	147455	21.398	ug/l	98
85) sec-Butylbenzene	13.385	105	187972	20.849	ug/l	99
86) p-Isopropyltoluene	13.497	119	155895	20.956	ug/l	99
87) 1,3-Dichlorobenzene	13.497	146	85423	21.627	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	82250	20.668	ug/l	99
89) n-Butylbenzene	13.826	91	144363	20.475	ug/l	99
90) Hexachloroethane	14.091	117	30960	20.514	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	72737	21.179	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5512	22.873	ug/l	89
93) 1,2,4-Trichlorobenzene	15.138	180	40832	19.480	ug/l	99
94) Hexachlorobutadiene	15.243	225	24406	20.748	ug/l	95
95) Naphthalene	15.373	128	75874	20.080	ug/l	98
96) 1,2,3-Trichlorobenzene	15.567	180	35269	19.293	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Aug 23 13:12:17 2022
Response via : Initial Calibration

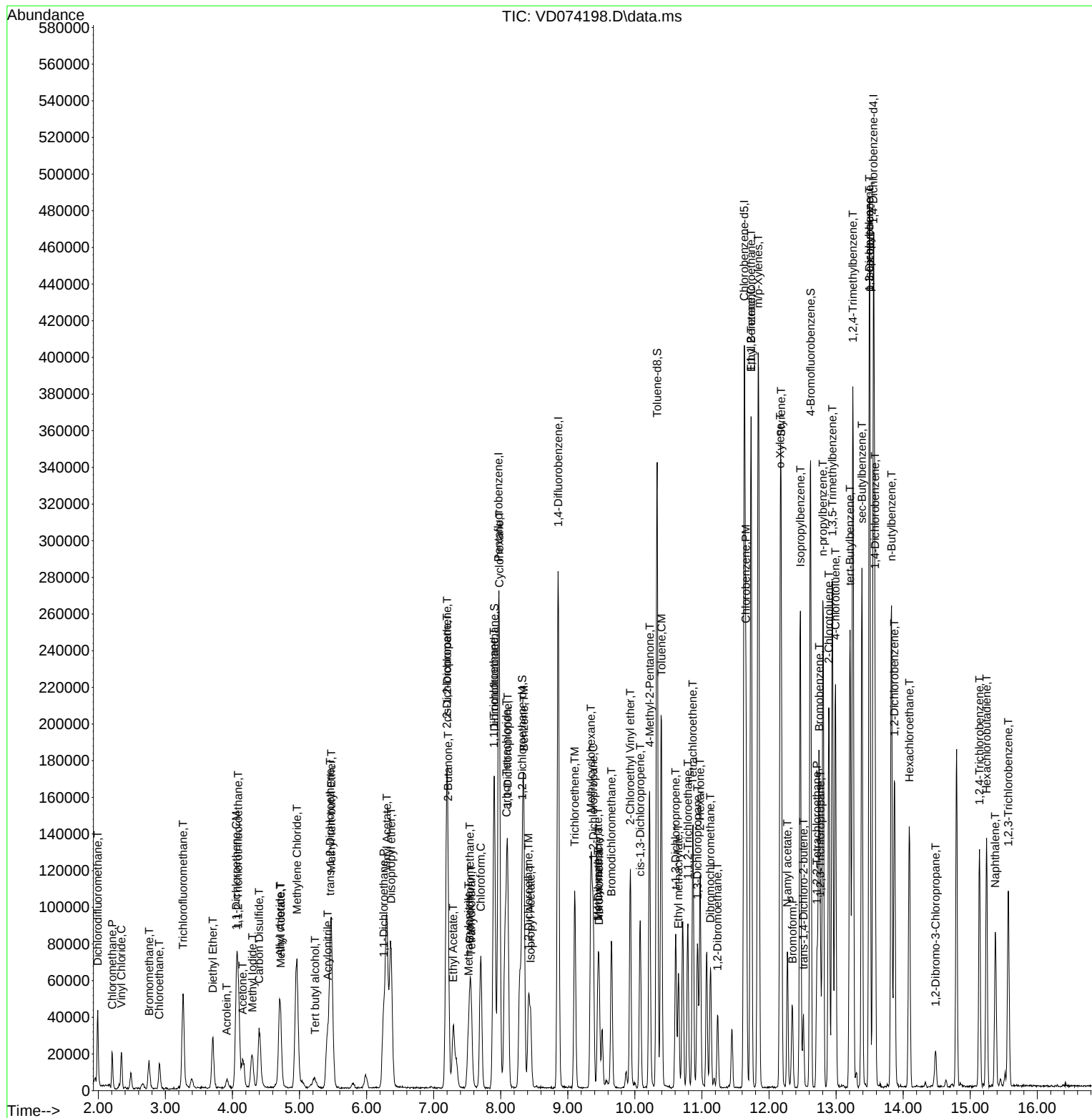
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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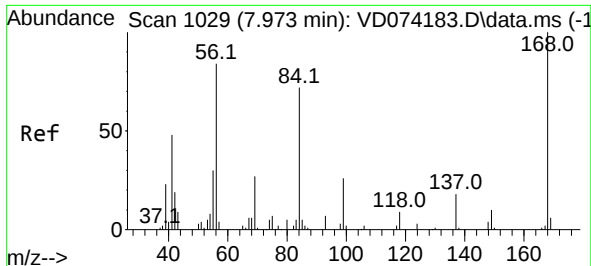
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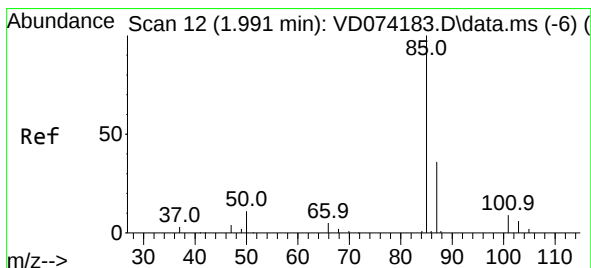
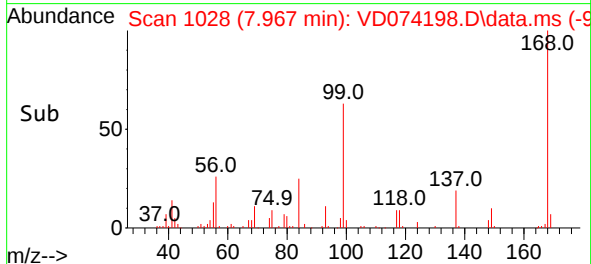
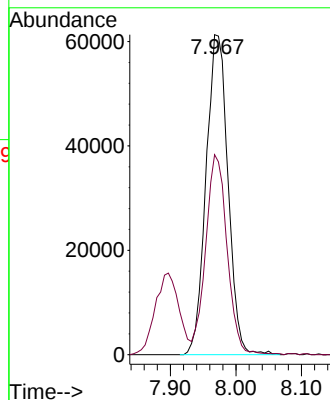
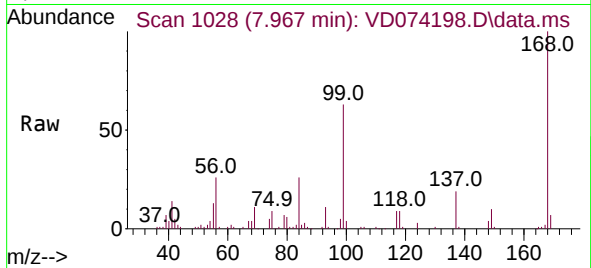




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

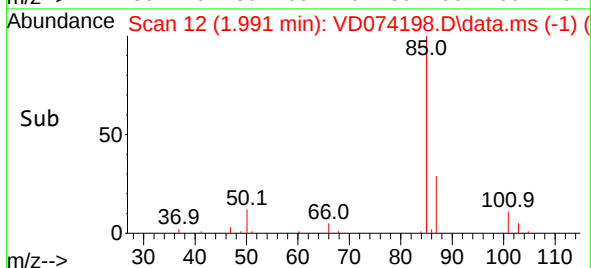
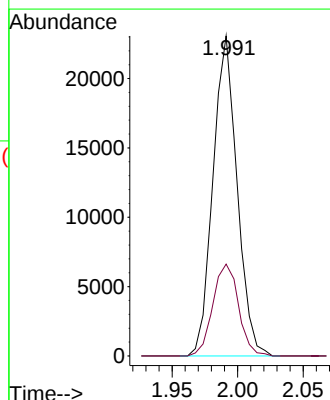
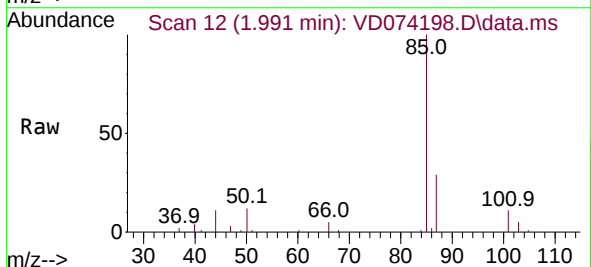
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

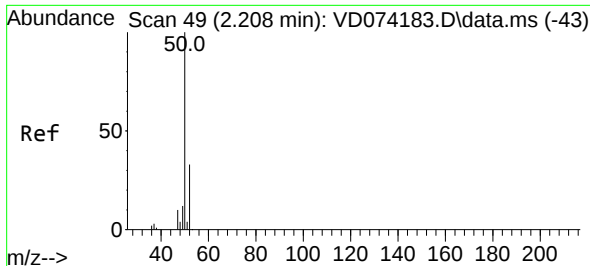
Tgt Ion:168 Resp: 142514
Ion Ratio Lower Upper
168 100
99 62.2 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 24.634 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 85 Resp: 29460
Ion Ratio Lower Upper
85 100
87 28.7 15.7 47.0

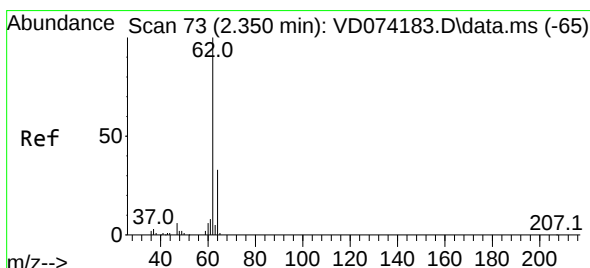
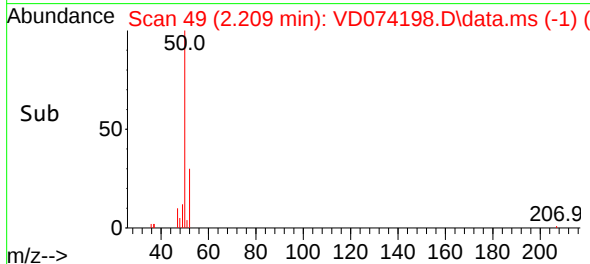
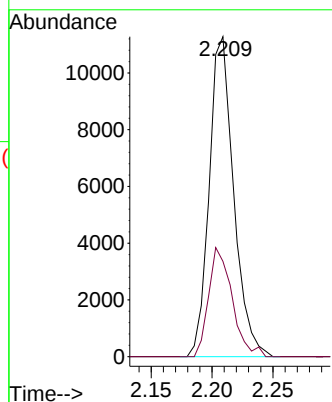
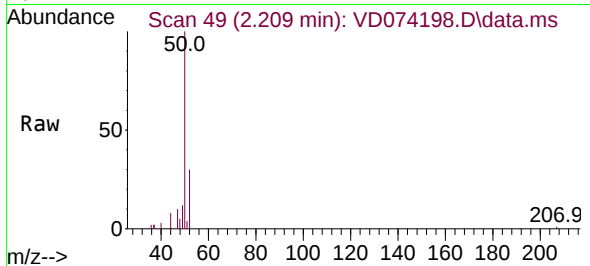




#3
Chloromethane
Concen: 18.461 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.001 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

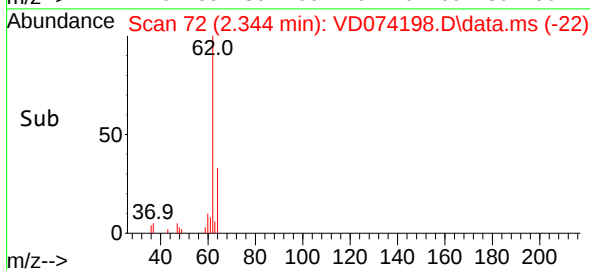
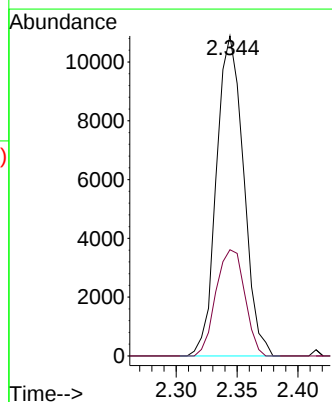
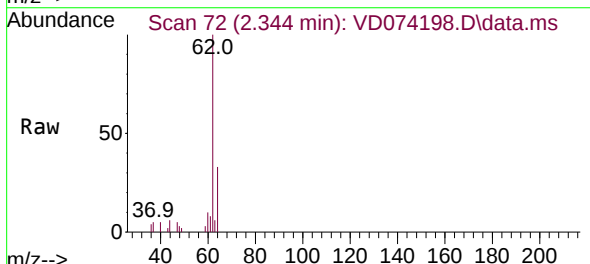
Instrument :
MSVOA_D
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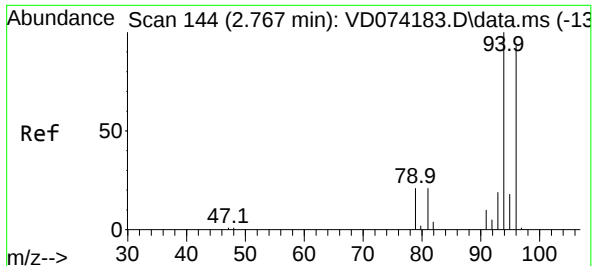
Tgt Ion: 50 Resp: 15730
Ion Ratio Lower Upper
50 100
52 29.8 27.4 41.0



#4
Vinyl Chloride
Concen: 18.864 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 62 Resp: 16874
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0





#5

Bromomethane

Concen: 18.749 ug/l

RT: 2.756 min Scan# 14

Delta R.T. -0.011 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

Instrument :

MSVOA_D

ClientSampleId :

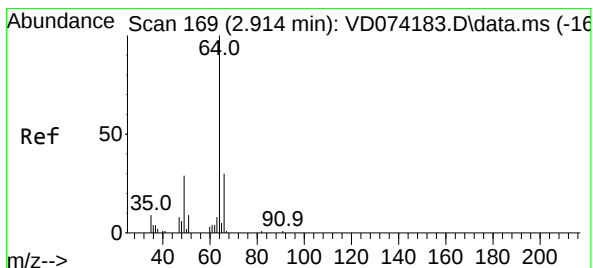
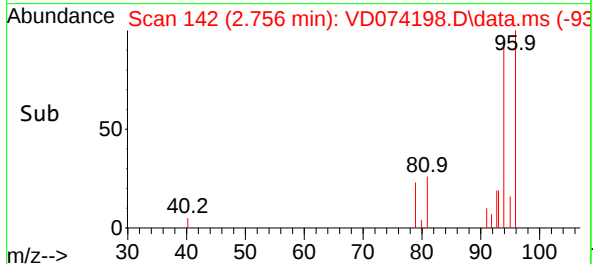
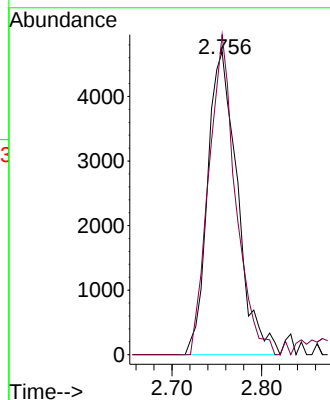
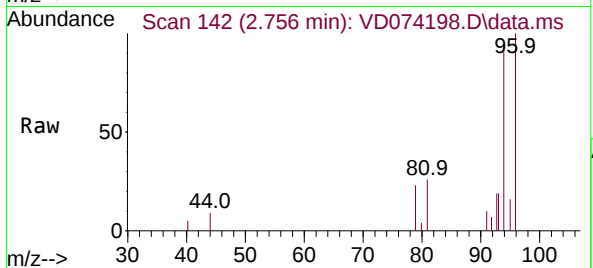
VD0823SBS02

Tgt Ion: 94 Resp: 10831

Ion Ratio Lower Upper

94 100

96 105.6 77.6 116.4



#6

Chloroethane

Concen: 20.629 ug/l

RT: 2.909 min Scan# 168

Delta R.T. -0.005 min

Lab File: VD074198.D

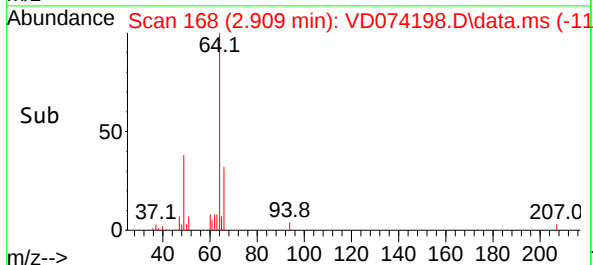
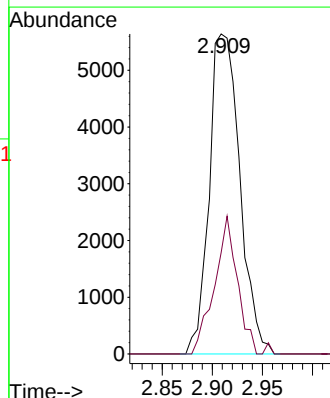
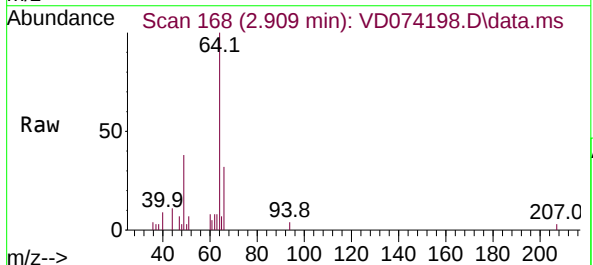
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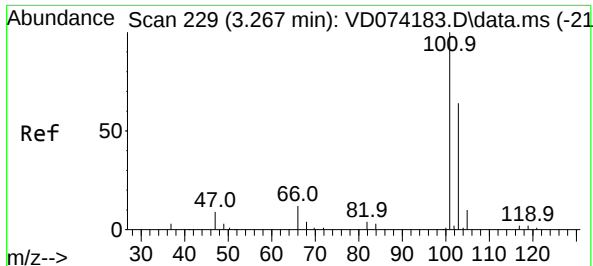
Tgt Ion: 64 Resp: 11975

Ion Ratio Lower Upper

64 100

66 31.7 25.9 38.9

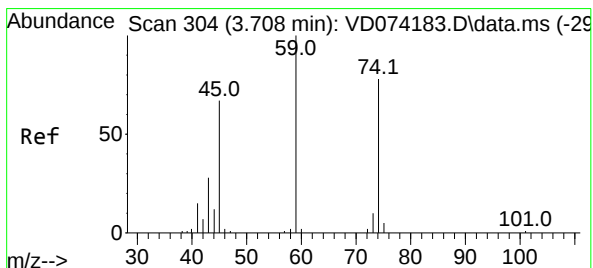
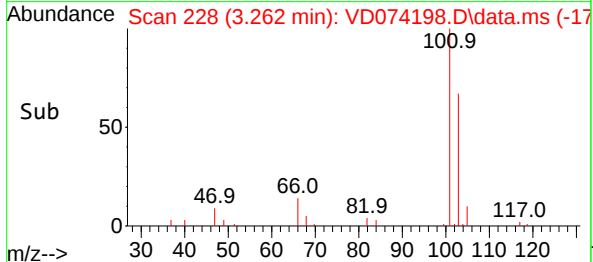
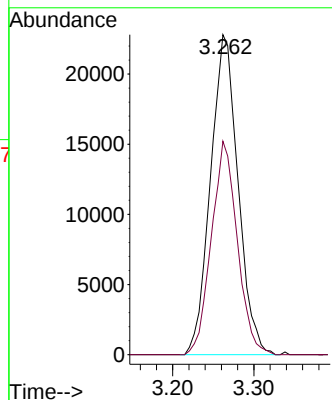
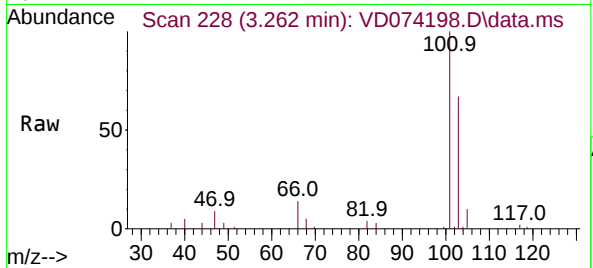




#7
Trichlorofluoromethane
Concen: 20.652 ug/l
RT: 3.262 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

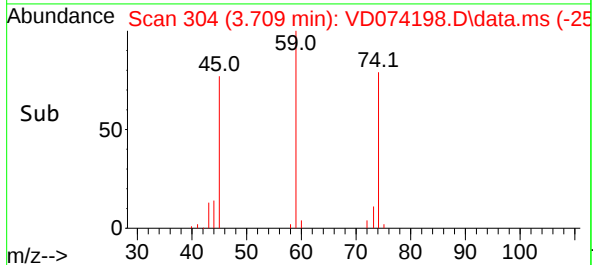
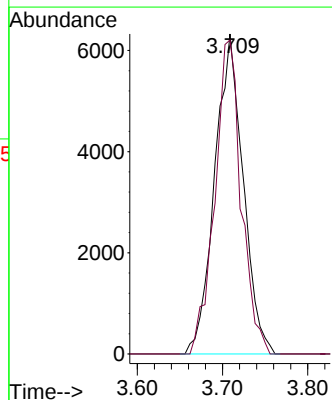
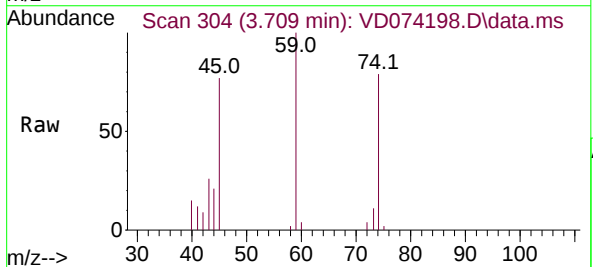
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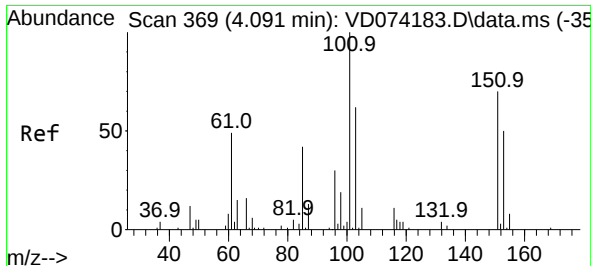
Tgt Ion:101 Resp: 53667
Ion Ratio Lower Upper
101 100
103 66.7 50.1 75.1



#8
Diethyl Ether
Concen: 20.994 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.001 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 74 Resp: 14660
Ion Ratio Lower Upper
74 100
45 91.3 52.6 157.8

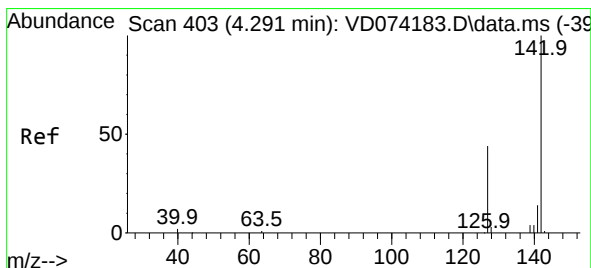
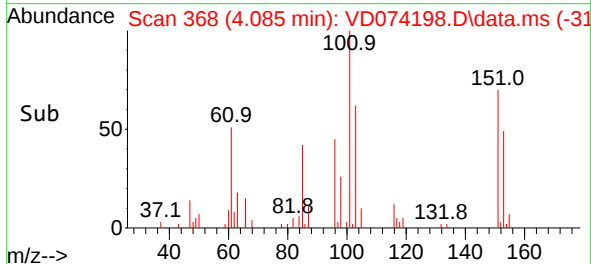
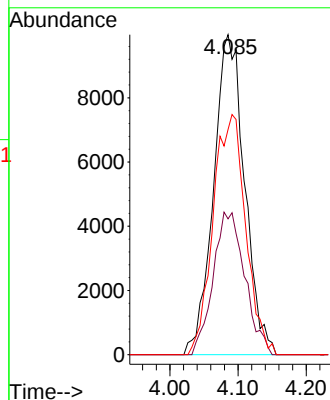
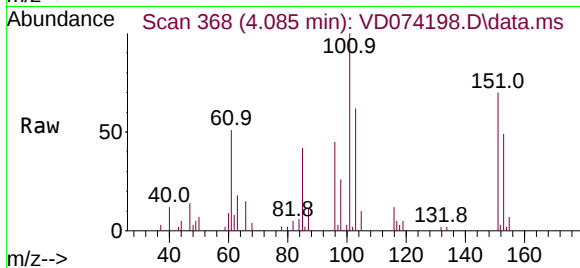




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.086 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

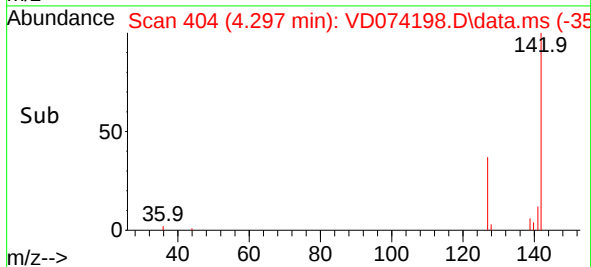
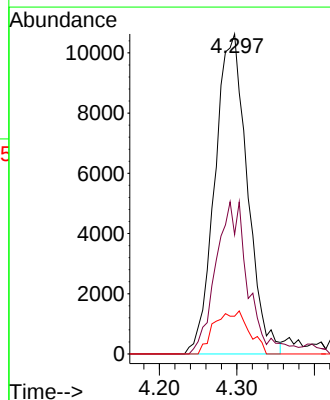
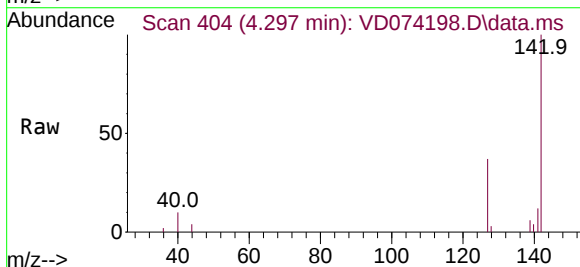
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

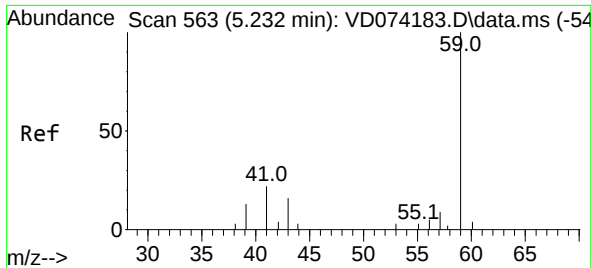
Tgt Ion:101 Resp: 31582
Ion Ratio Lower Upper
101 100
85 45.4 36.4 54.6
151 78.6 57.3 85.9



#10
Methyl Iodide
Concen: 16.995 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion:142 Resp: 30887
Ion Ratio Lower Upper
142 100
127 47.6 37.3 55.9
141 14.3 11.7 17.5

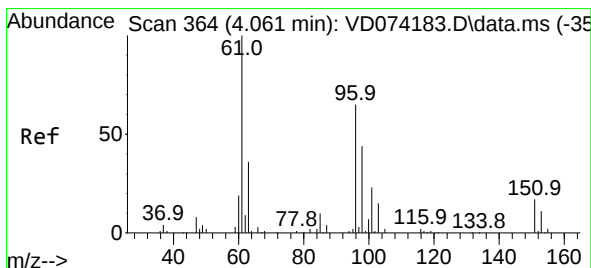
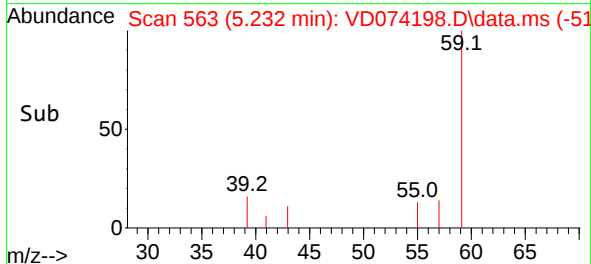
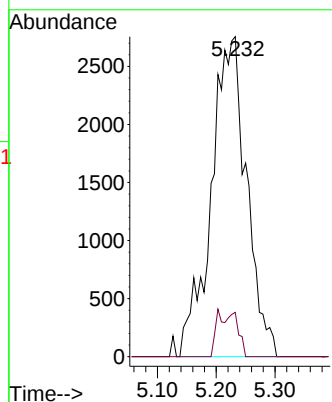
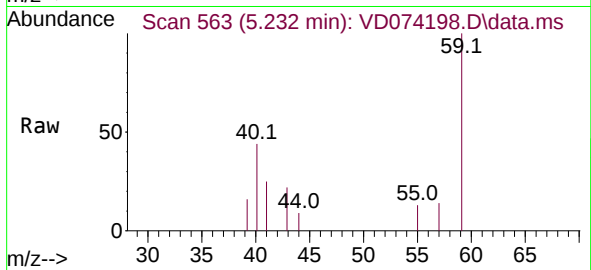




#11
Tert butyl alcohol
Concen: 126.768 ug/l
RT: 5.232 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

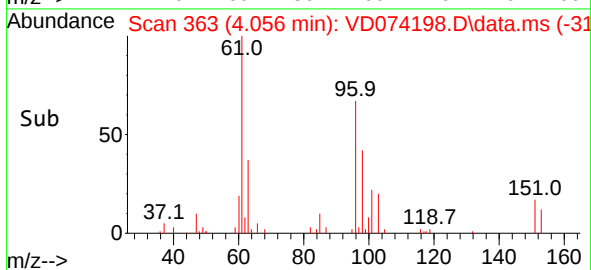
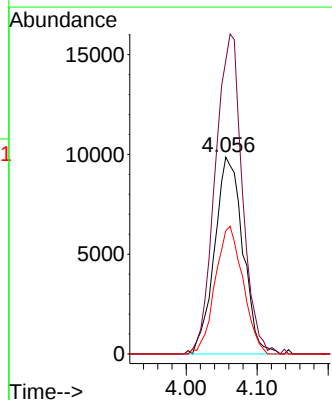
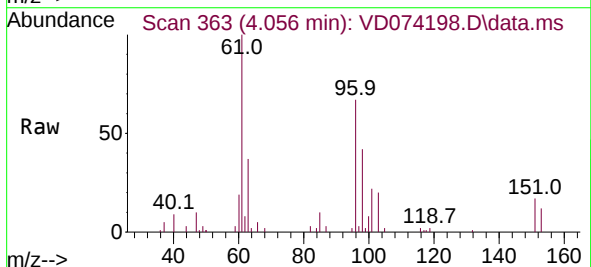
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

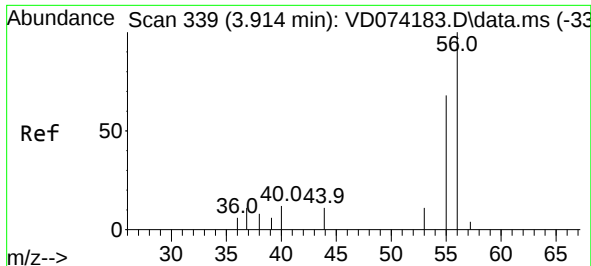
Tgt Ion: 59 Resp: 11496
Ion Ratio Lower Upper
59 100
57 4.4 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 19.458 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.005 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 96 Resp: 27361
Ion Ratio Lower Upper
96 100
61 149.1 138.5 207.7
98 62.6 48.6 73.0

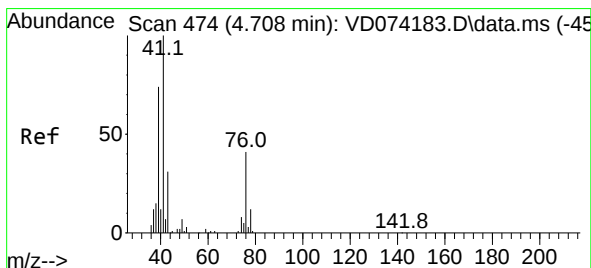
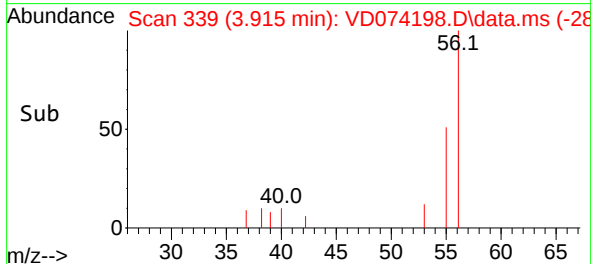
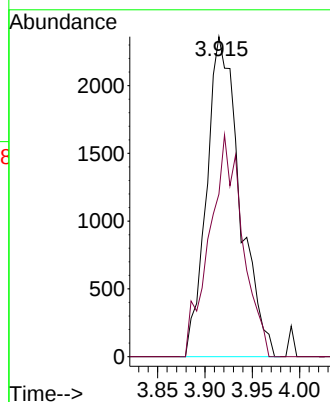
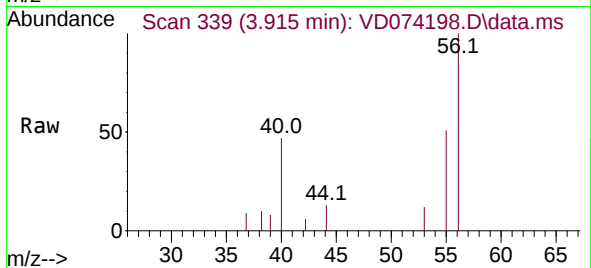




#13
Acrolein
Concen: 147.610 ug/l
RT: 3.915 min Scan# 31
Delta R.T. 0.001 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

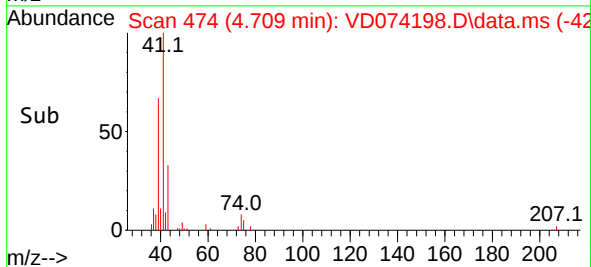
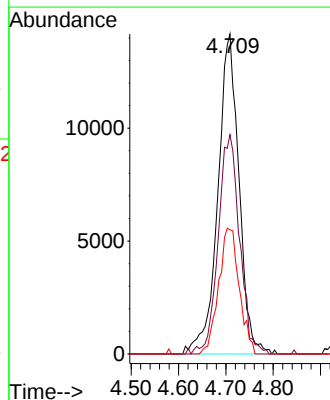
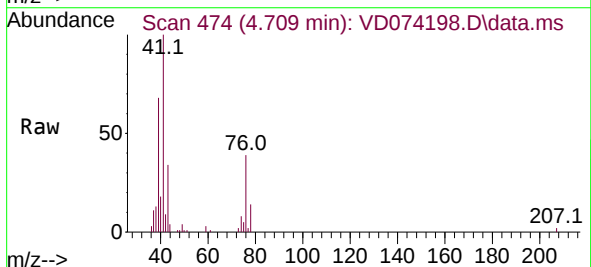
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

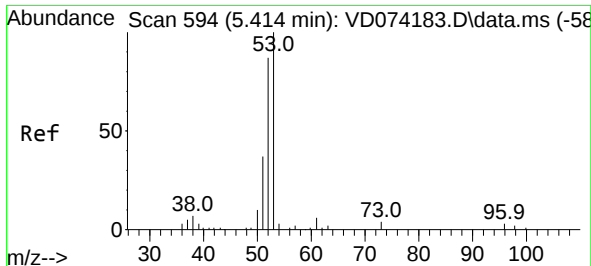
Tgt Ion: 56 Resp: 5757
Ion Ratio Lower Upper
56 100
55 69.3 57.1 85.7



#14
Allyl chloride
Concen: 19.981 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.001 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 41 Resp: 43986
Ion Ratio Lower Upper
41 100
39 69.2 59.3 88.9
76 38.3 25.7 38.5

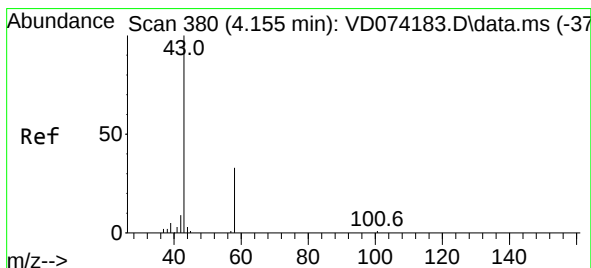
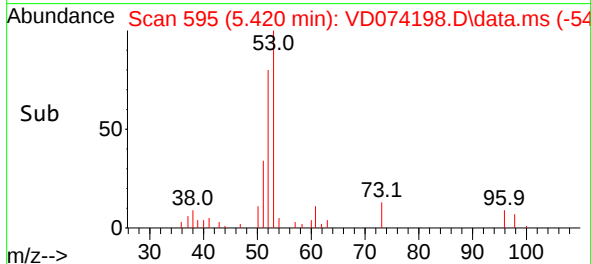
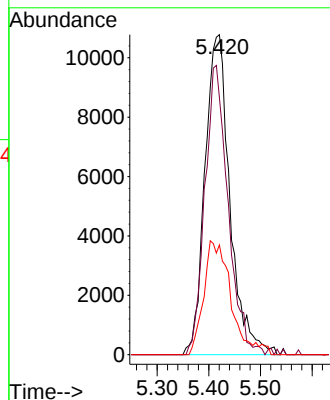
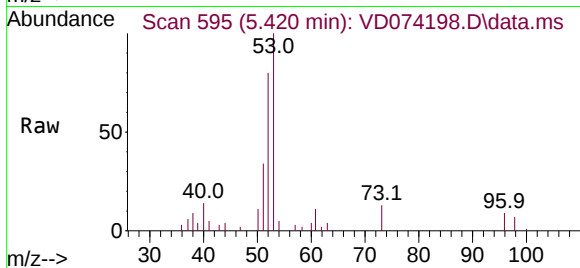




#15
Acrylonitrile
Concen: 111.606 ug/l
RT: 5.420 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

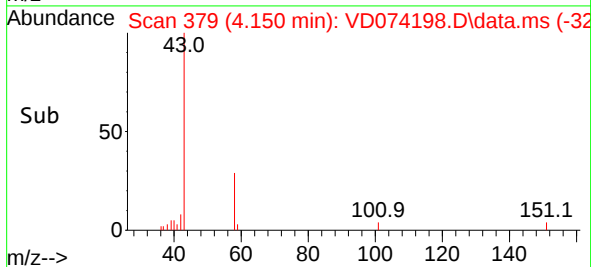
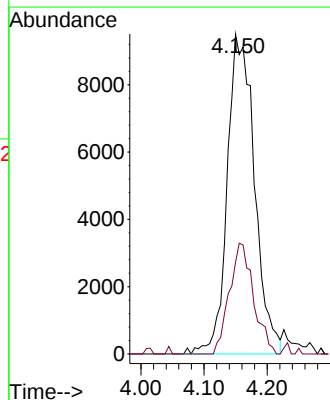
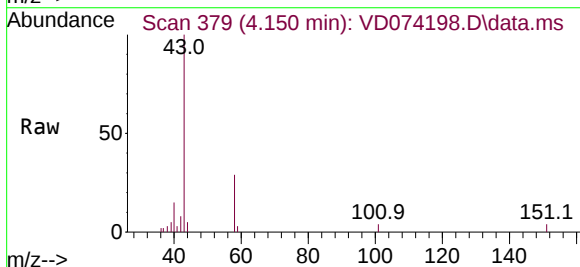
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

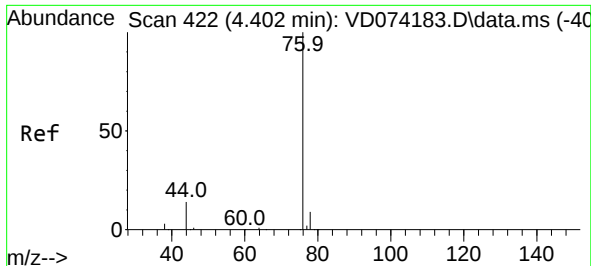
Tgt Ion:	53	Resp:	36237
Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.2	100.8
51	38.8	30.3	45.5



#16
Acetone
Concen: 102.780 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.005 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion:	43	Resp:	28516
Ion	Ratio	Lower	Upper
43	100		
58	28.7	22.1	33.1

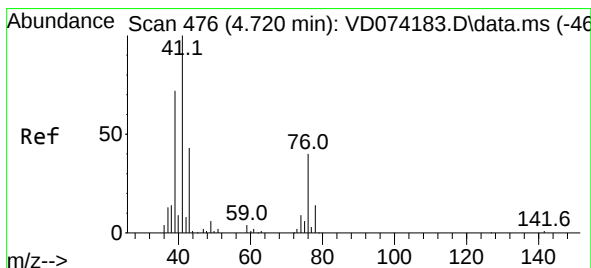
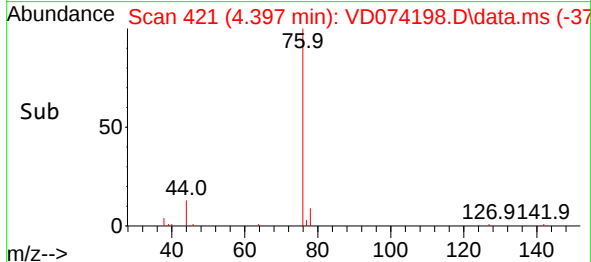
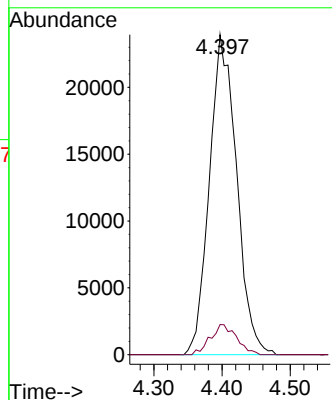
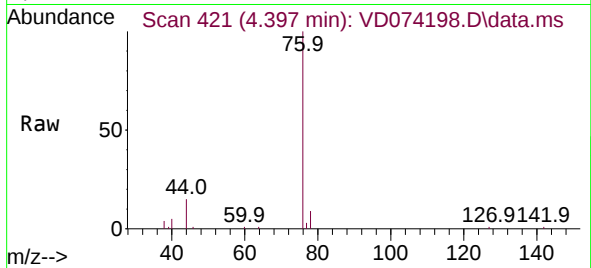




#17
Carbon Disulfide
Concen: 16.084 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

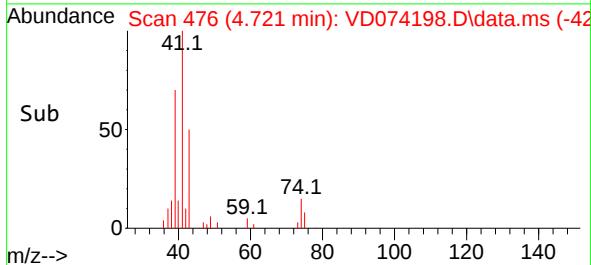
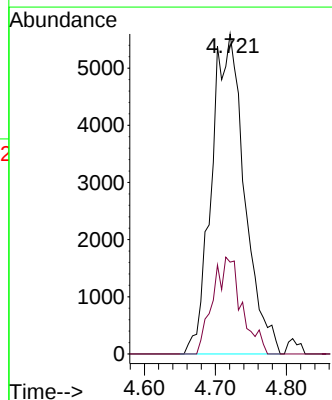
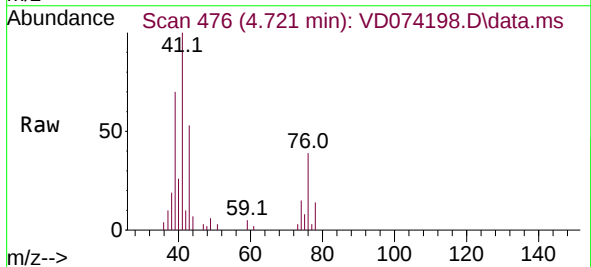
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

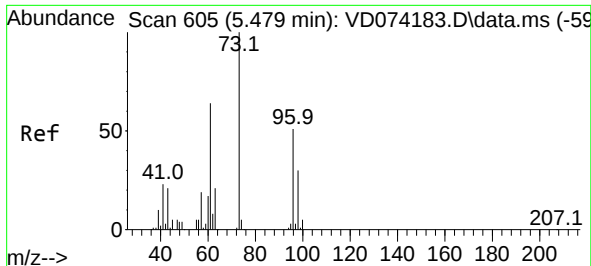
Tgt Ion: 76 Resp: 66500
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 21.224 ug/l
RT: 4.721 min Scan# 476
Delta R.T. 0.001 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 43 Resp: 18033
Ion Ratio Lower Upper
43 100
74 26.5 16.7 25.1#

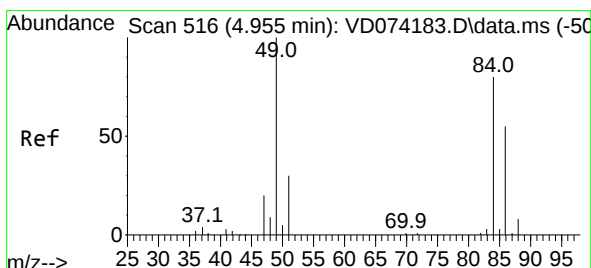
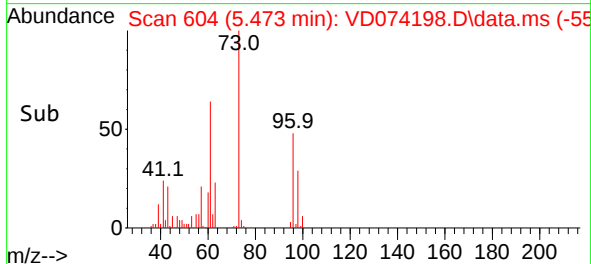
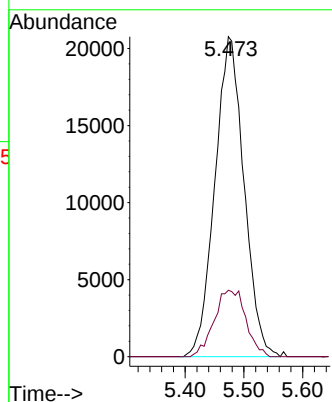
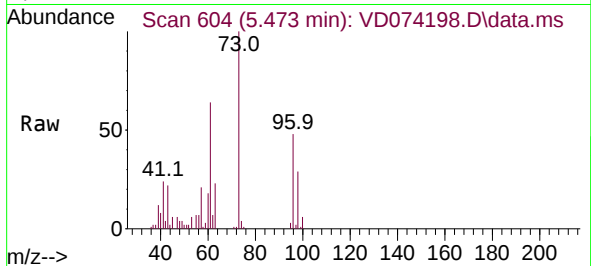




#19
Methyl tert-butyl Ether
Concen: 21.215 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

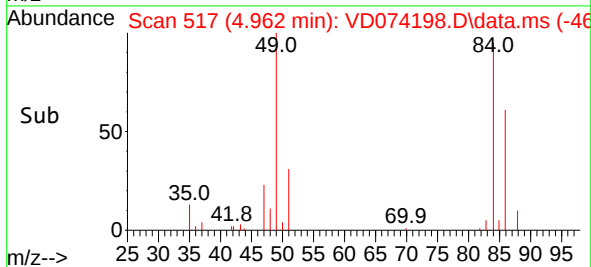
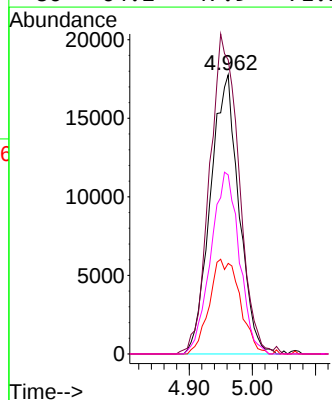
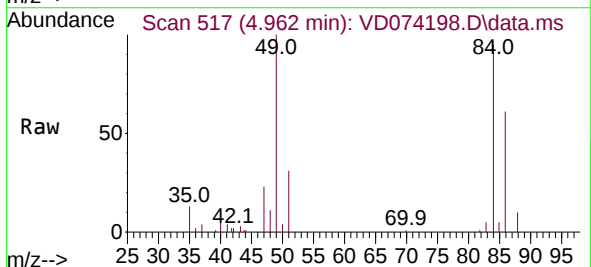
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

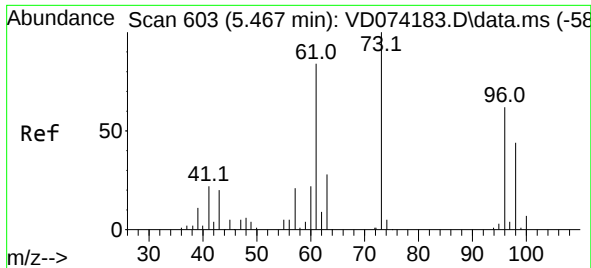
Tgt Ion: 73 Resp: 71439
Ion Ratio Lower Upper
73 100
57 20.8 18.0 27.0



#20
Methylene Chloride
Concen: 29.035 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.007 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 84 Resp: 55776
Ion Ratio Lower Upper
84 100
49 104.5 112.8 169.2#
51 32.4 32.6 48.8#
86 64.2 47.9 71.9

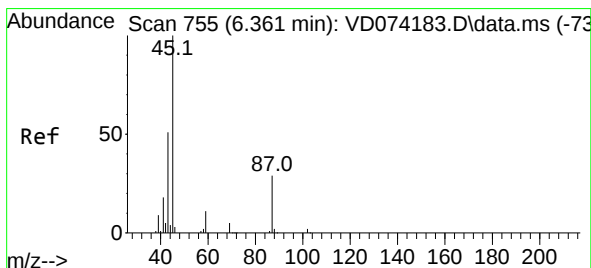
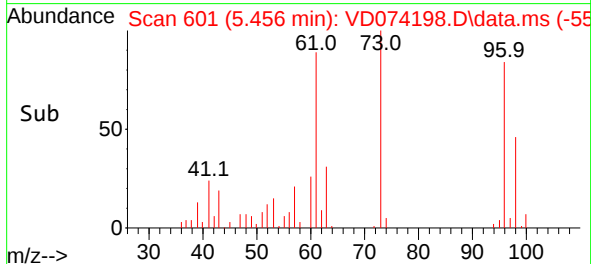
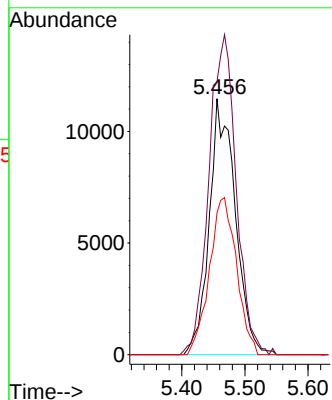
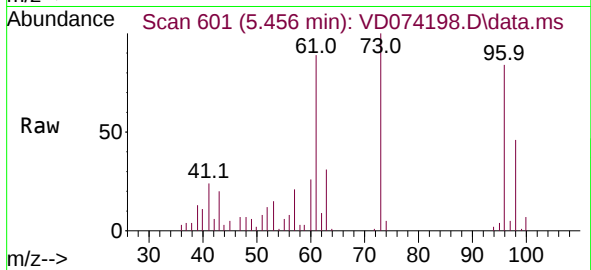




#21
trans-1,2-Dichloroethene
Concen: 19.972 ug/l
RT: 5.456 min Scan# 603
Delta R.T. -0.011 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

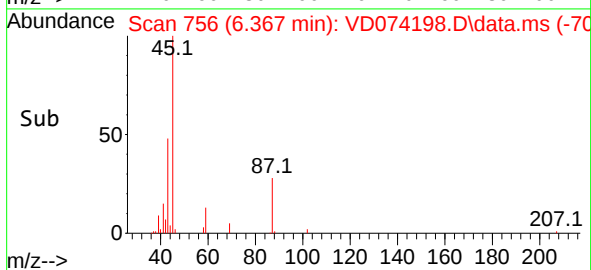
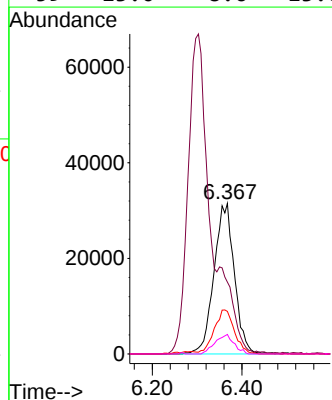
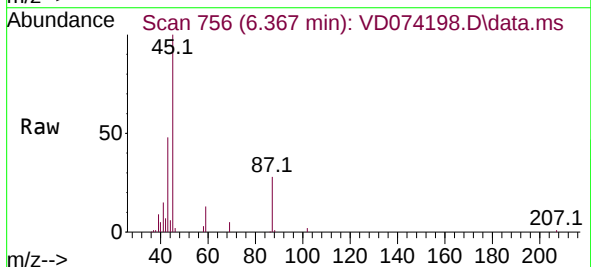
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

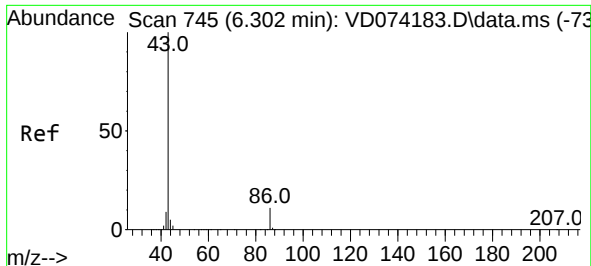
Tgt Ion: 96 Resp: 32839
Ion Ratio Lower Upper
96 100
61 106.6 117.9 176.9#
98 55.4 49.4 74.2



#22
Diisopropyl ether
Concen: 22.145 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.006 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 45 Resp: 99980
Ion Ratio Lower Upper
45 100
43 47.2 46.6 70.0
87 28.3 18.4 27.6#
59 13.0 8.6 13.0#

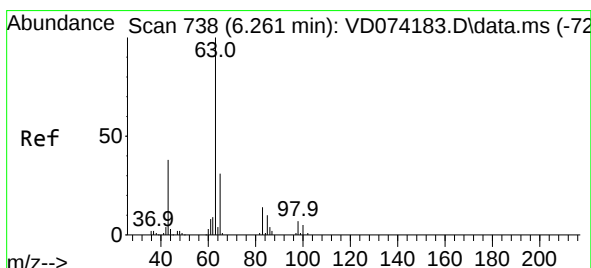
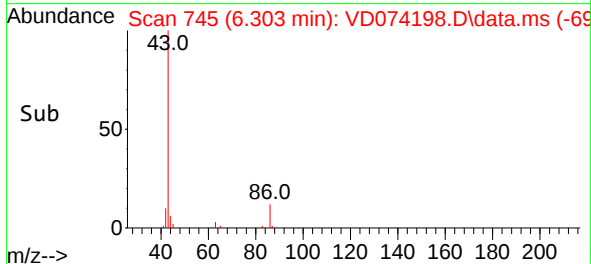
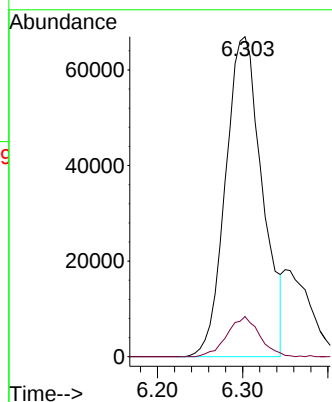
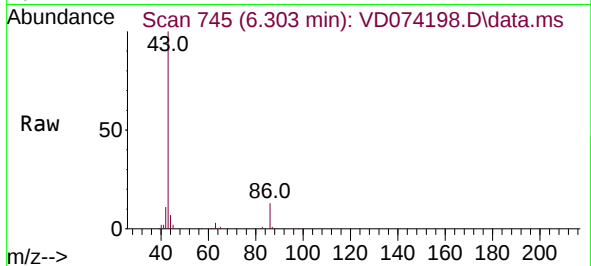




#23
 Vinyl Acetate
 Concen: 85.605 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.001 min
 Lab File: VD074198.D
 Acq: 23 Aug 2022 22:37

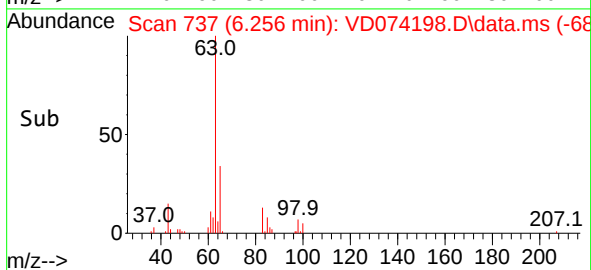
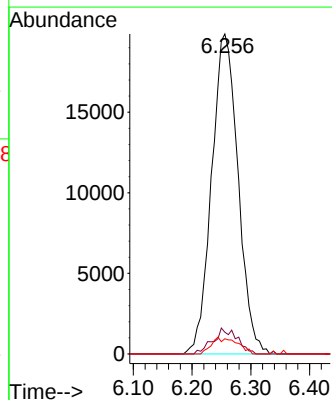
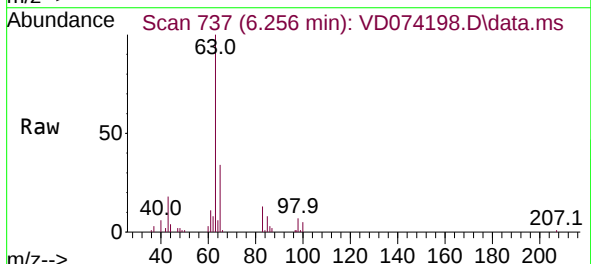
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS02

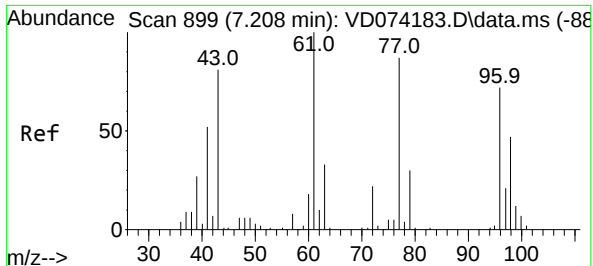
Tgt Ion: 43 Resp: 200387
 Ion Ratio Lower Upper
 43 100
 86 12.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.863 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD074198.D
 Acq: 23 Aug 2022 22:37

Tgt Ion: 63 Resp: 62100
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.7 2.1 6.5

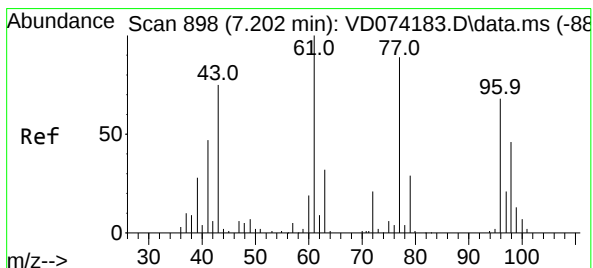
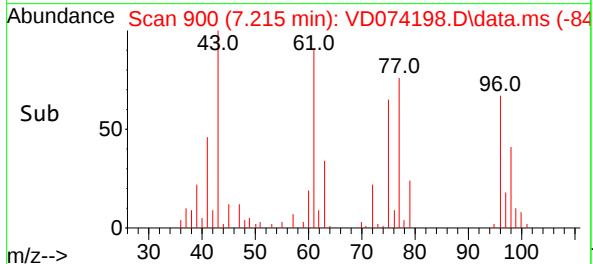
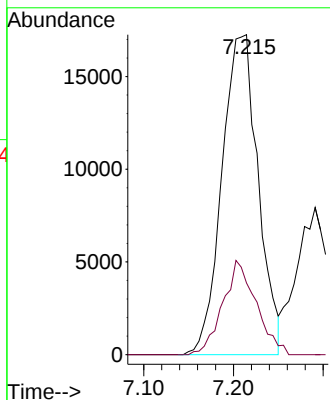
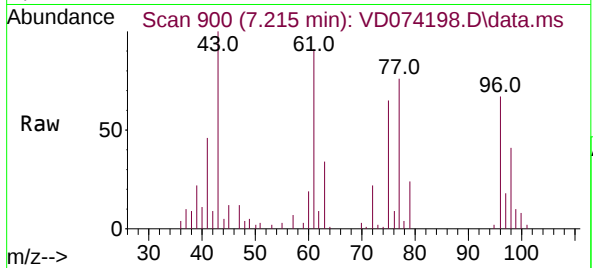




#25
2-Butanone
Concen: 112.728 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

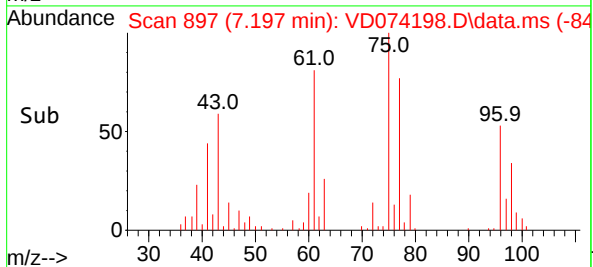
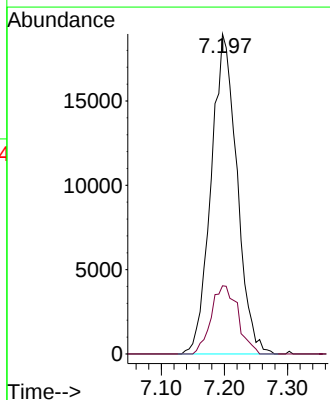
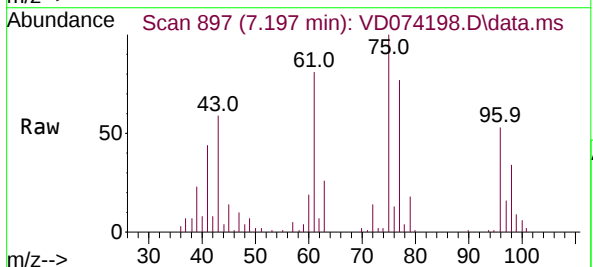
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

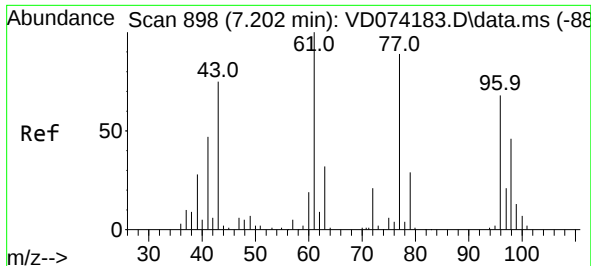
Tgt Ion: 43 Resp: 48418
Ion Ratio Lower Upper
43 100
72 22.4 18.6 27.8



#26
2,2-Dichloropropane
Concen: 20.128 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.005 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 77 Resp: 53982
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 20.671 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.001 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS02

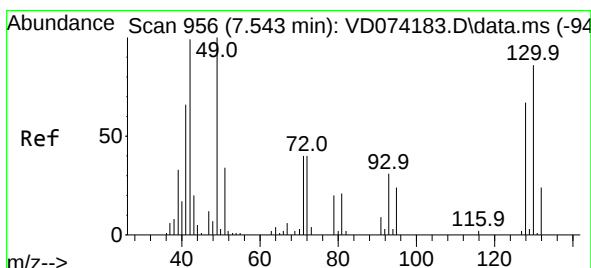
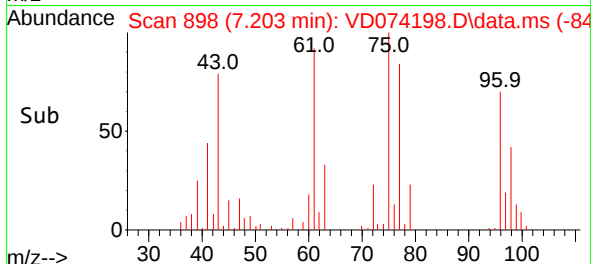
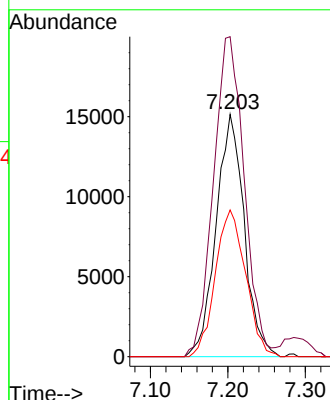
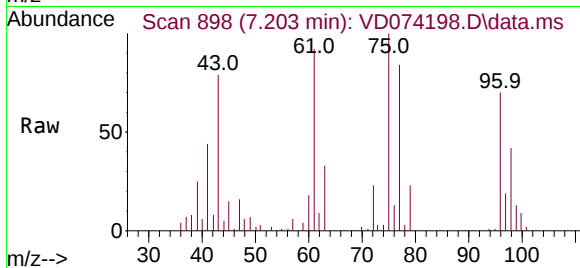
Tgt Ion: 96 Resp: 38195

Ion Ratio Lower Upper

96 100

61 144.4 0.0 313.8

98 65.3 0.0 128.8



#28

Bromochloromethane

Concen: 21.146 ug/l

RT: 7.538 min Scan# 955

Delta R.T. -0.005 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

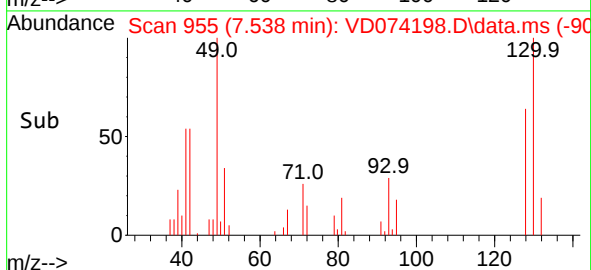
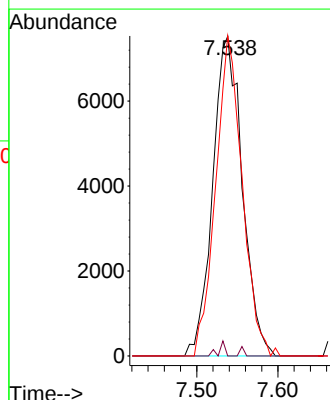
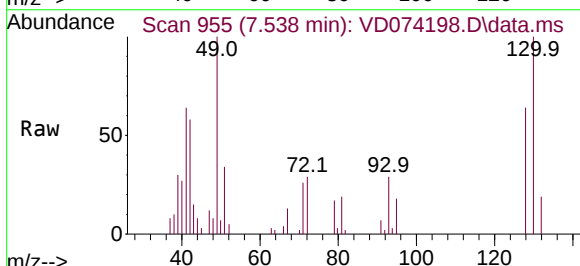
Tgt Ion: 49 Resp: 19025

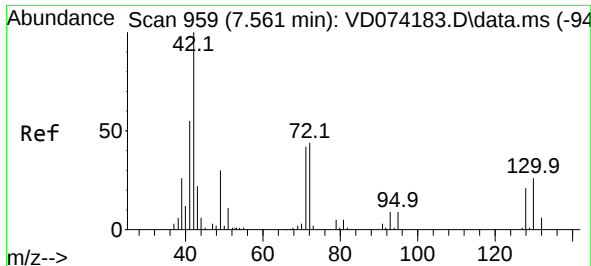
Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.0

130 90.1 52.6 79.0#





#29

Tetrahydrofuran

Concen: 107.902 ug/l

RT: 7.562 min Scan# 959

Delta R.T. 0.001 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS02

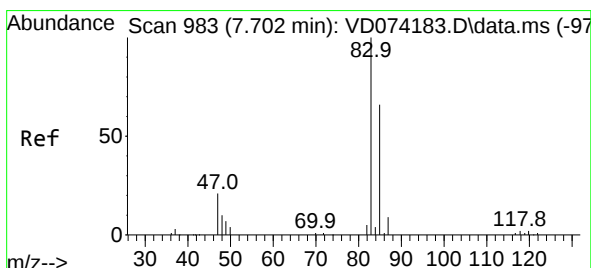
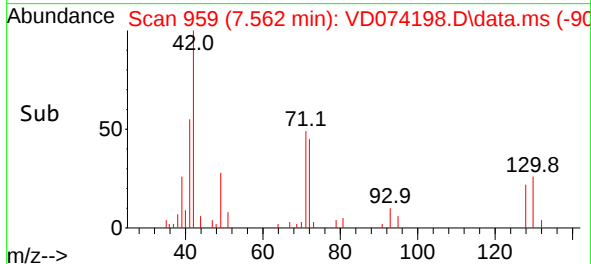
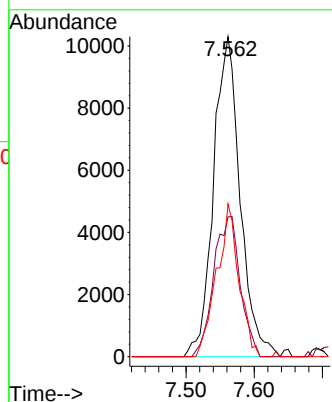
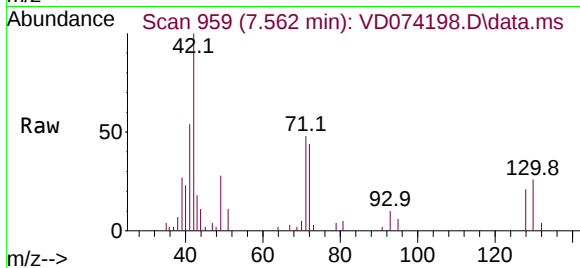
Tgt Ion: 42 Resp: 27969

Ion Ratio Lower Upper

42 100

72 43.6 30.7 46.1

71 39.7 28.6 43.0



#30

Chloroform

Concen: 22.216 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.001 min

Lab File: VD074198.D

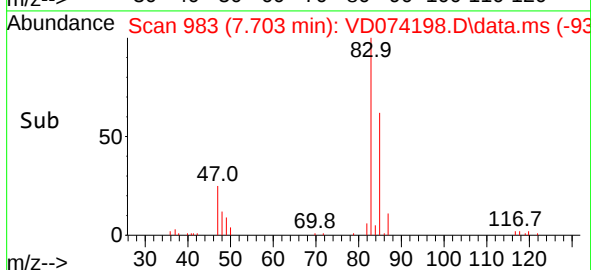
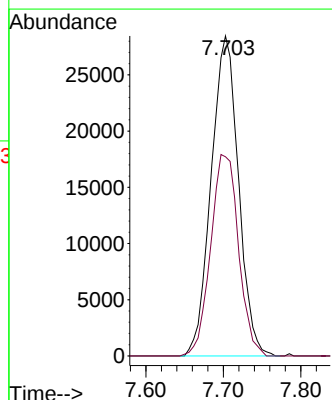
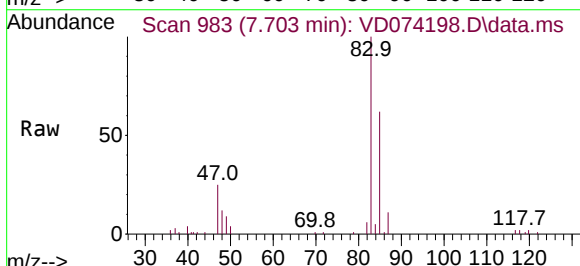
Acq: 23 Aug 2022 22:37

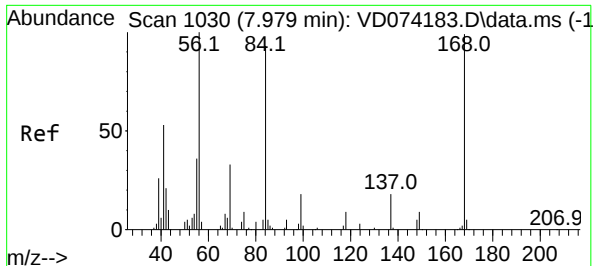
Tgt Ion: 83 Resp: 69719

Ion Ratio Lower Upper

83 100

85 62.3 52.7 79.1

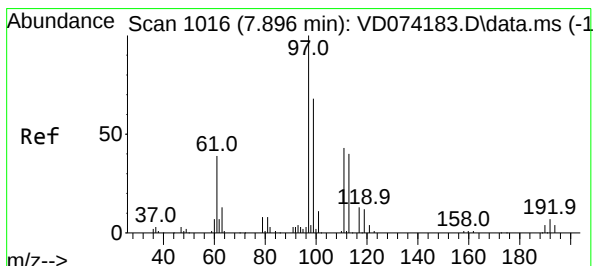
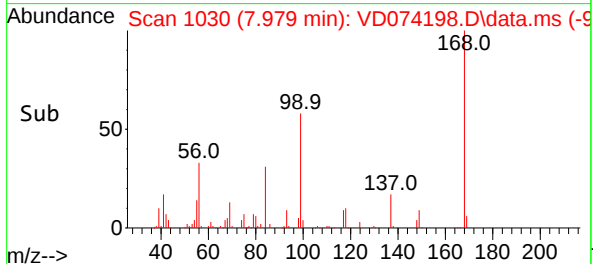
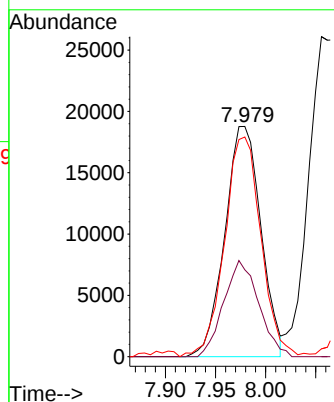
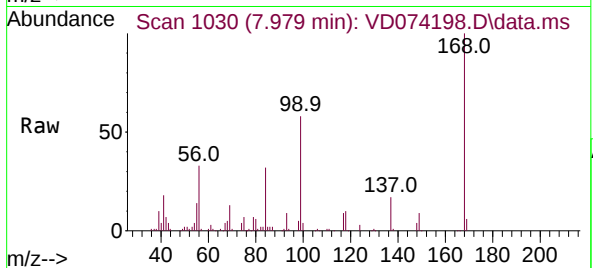




#31
Cyclohexane
Concen: 18.147 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

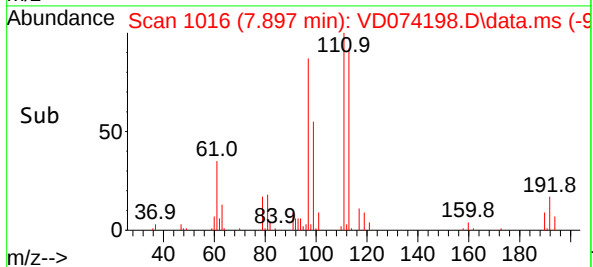
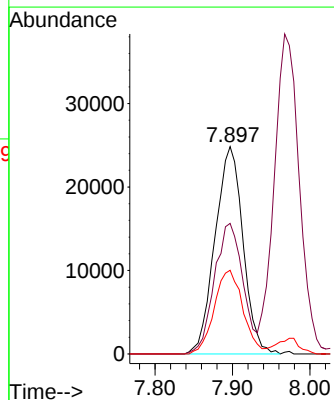
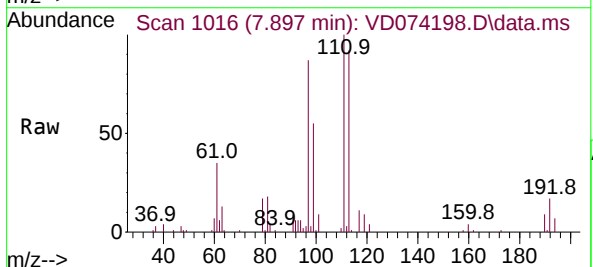
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

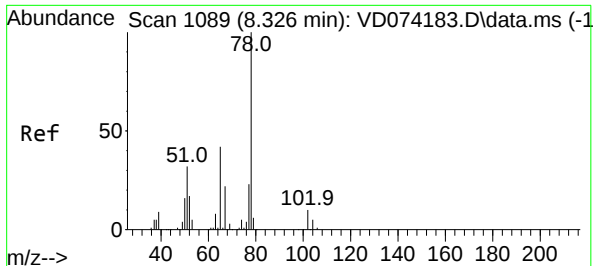
Tgt Ion: 56 Resp: 47039
Ion Ratio Lower Upper
56 100
69 37.8 25.4 38.2
84 95.4 63.0 94.4#



#32
1,1,1-Trichloroethane
Concen: 21.443 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.001 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 97 Resp: 62359
Ion Ratio Lower Upper
97 100
99 64.4 52.4 78.6
61 41.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 47.039 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

Instrument :

MSVOA_D

ClientSampleId :

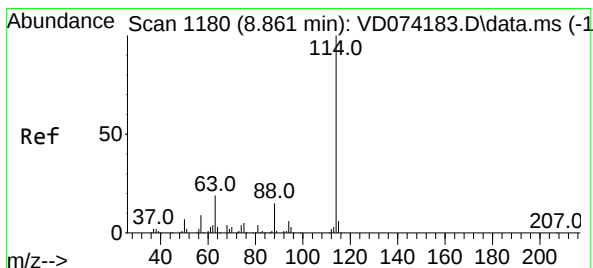
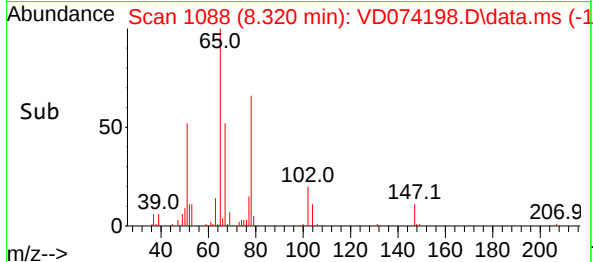
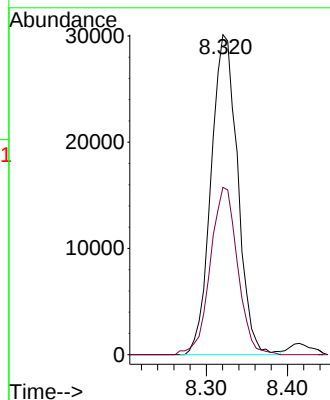
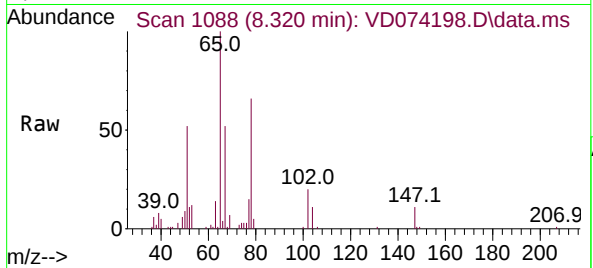
VD0823SBS02

Tgt Ion: 65 Resp: 68501

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

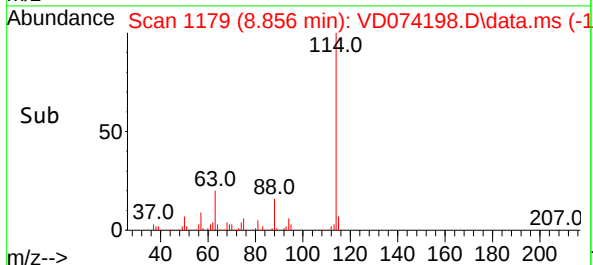
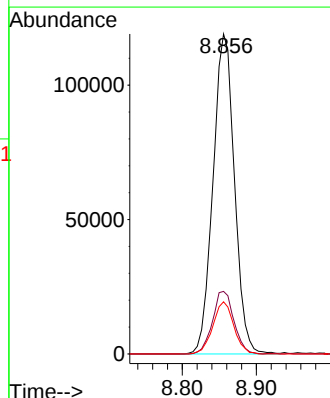
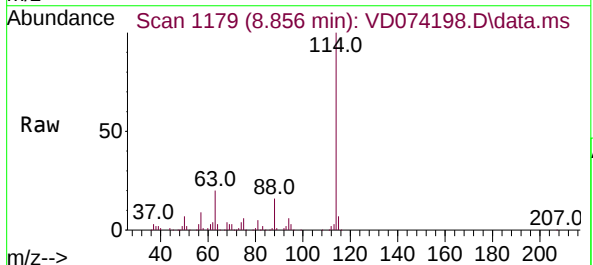
Tgt Ion: 114 Resp: 239170

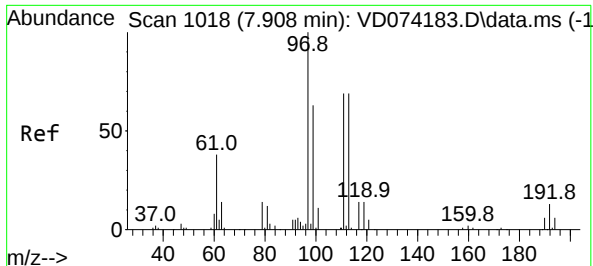
Ion Ratio Lower Upper

114 100

63 19.6 0.0 46.6

88 16.3 0.0 33.2

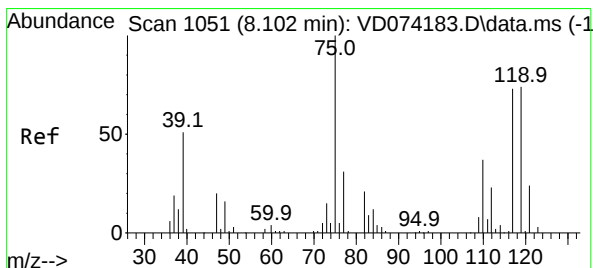
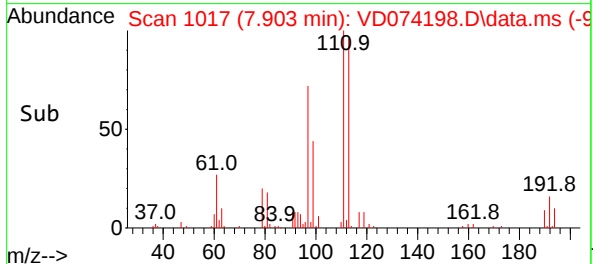
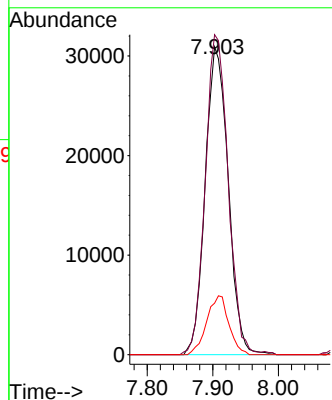
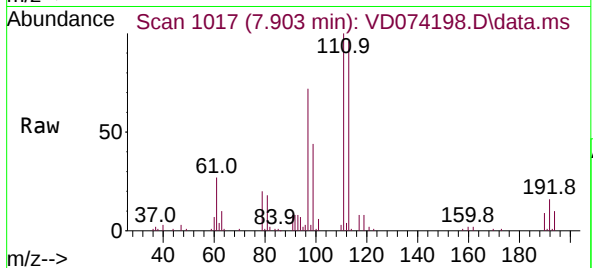




#35
Dibromofluoromethane
Concen: 47.184 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.005 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

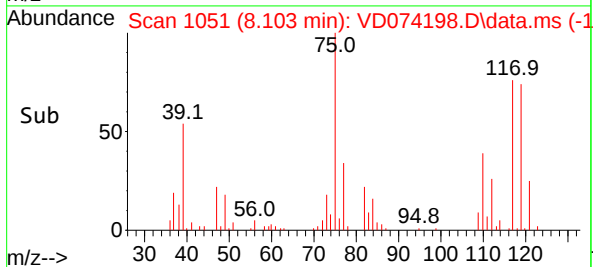
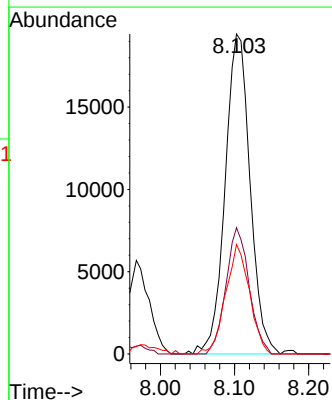
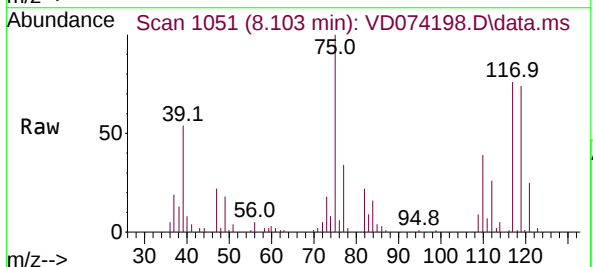
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

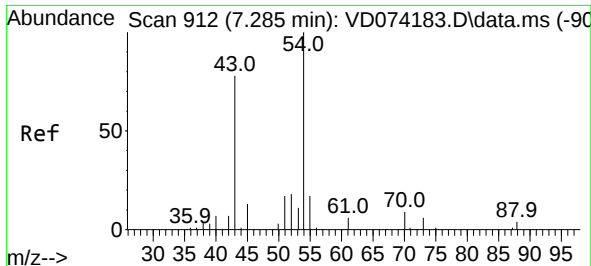
Tgt Ion:113 Resp: 75484
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 18.4 14.6 21.8



#36
1,1-Dichloropropene
Concen: 18.796 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. 0.001 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 75 Resp: 45447
Ion Ratio Lower Upper
75 100
110 36.8 16.4 49.1
77 32.6 24.2 36.2





#37

Ethyl Acetate

Concen: 22.996 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS02

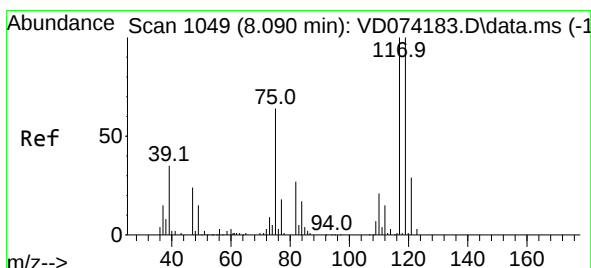
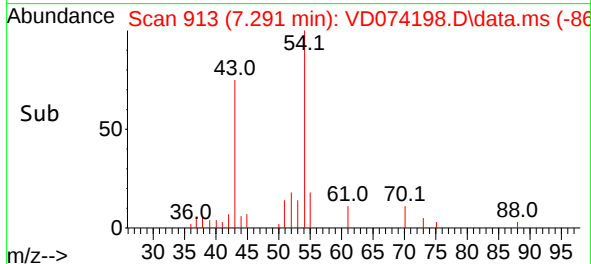
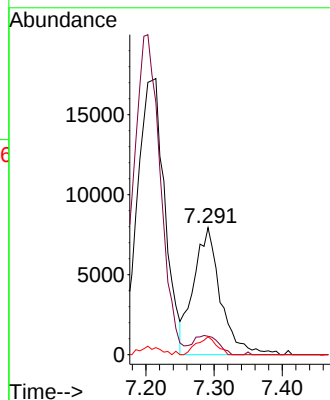
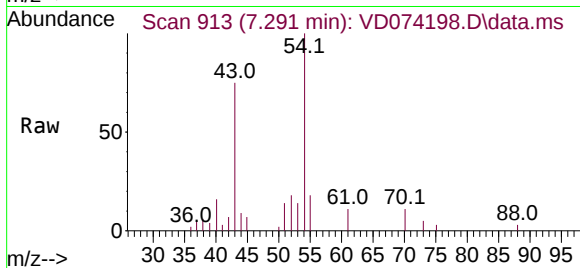
Tgt Ion: 43 Resp: 21923

Ion Ratio Lower Upper

43 100

61 13.5 9.8 14.8

70 10.3 6.9 10.3



#38

Carbon Tetrachloride

Concen: 19.427 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. -0.005 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

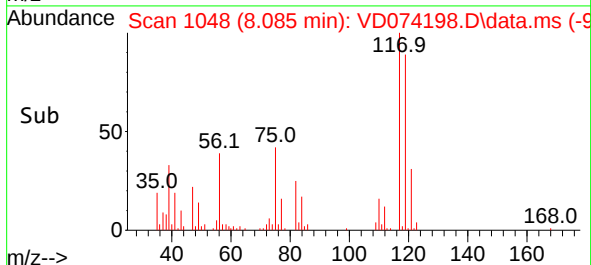
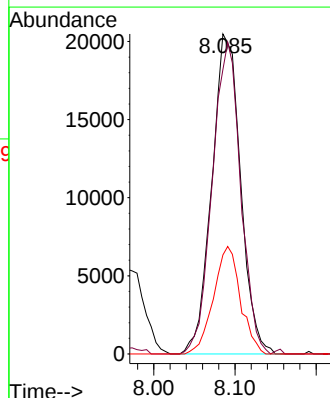
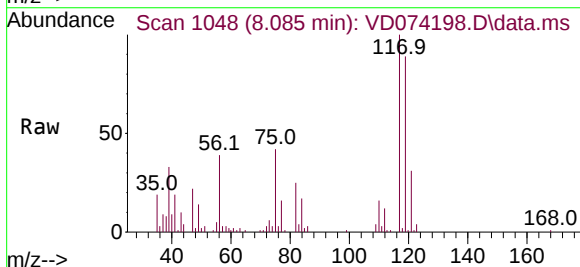
Tgt Ion: 117 Resp: 50459

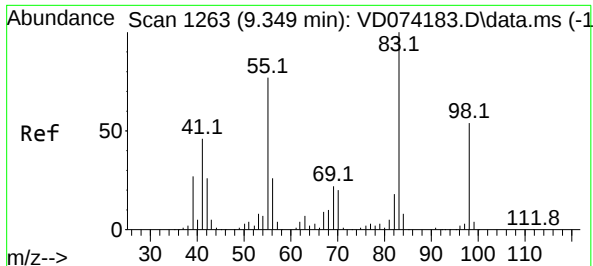
Ion Ratio Lower Upper

117 100

119 88.9 75.8 113.6

121 31.0 24.5 36.7





#39

Methylcyclohexane

Concen: 17.309 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS02

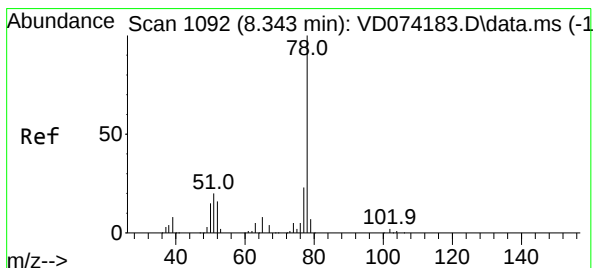
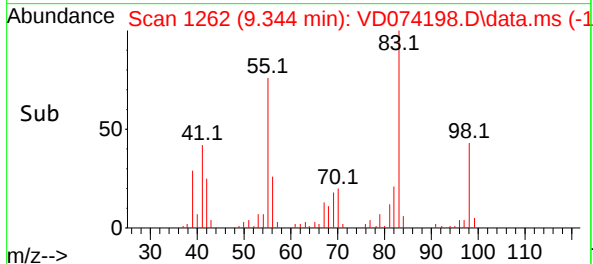
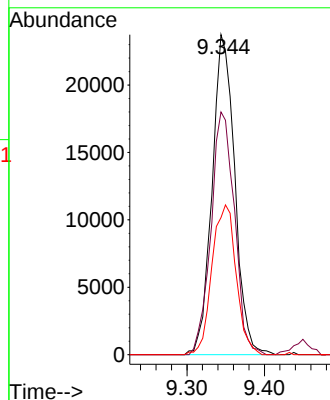
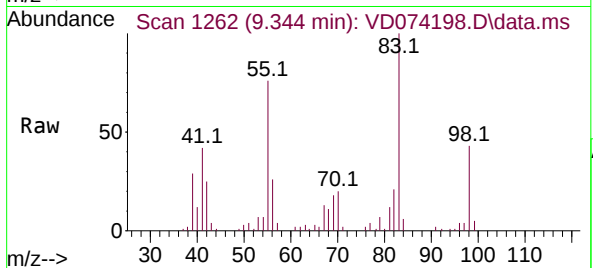
Tgt Ion: 83 Resp: 48241

Ion Ratio Lower Upper

83 100

55 75.8 63.2 94.8

98 42.8 38.2 57.4



#40

Benzene

Concen: 19.694 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.001 min

Lab File: VD074198.D

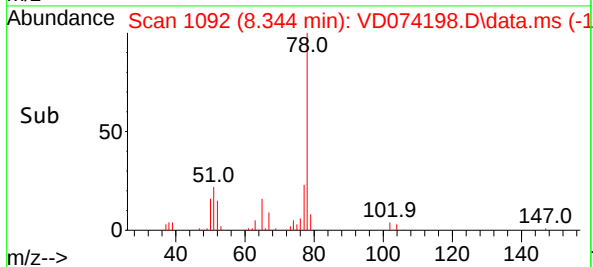
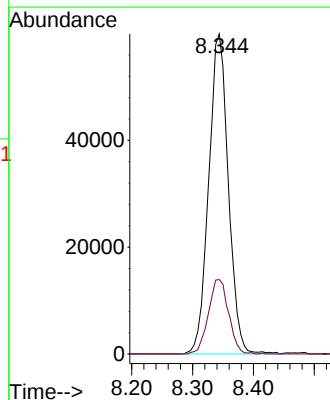
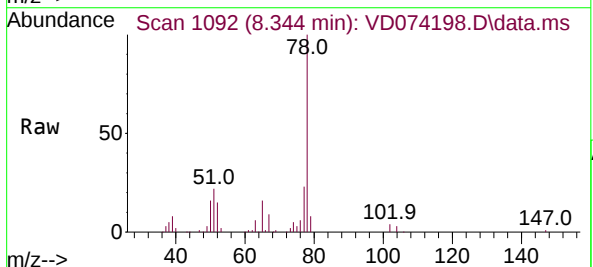
Acq: 23 Aug 2022 22:37

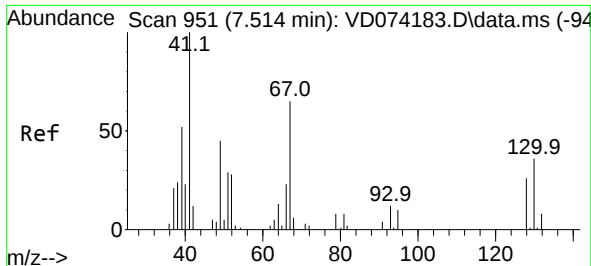
Tgt Ion: 78 Resp: 134226

Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7



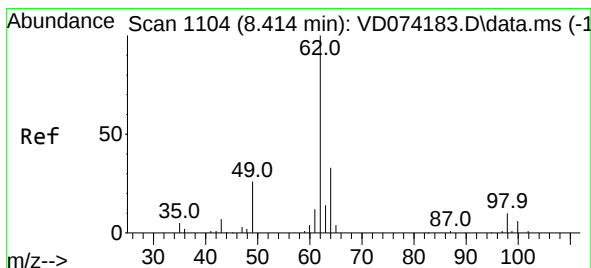
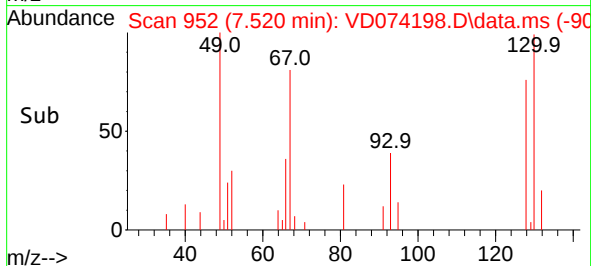
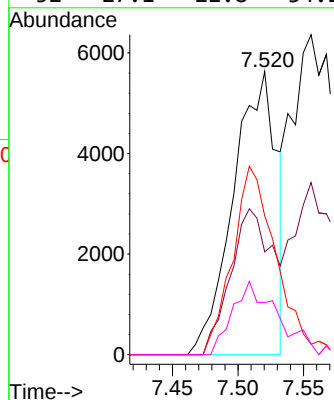
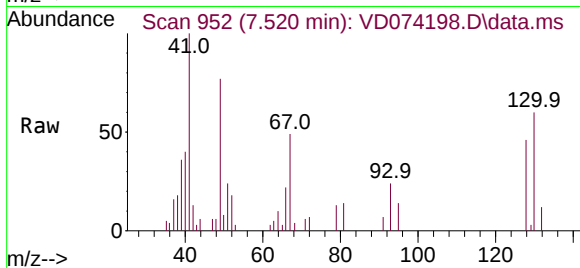


#41
Methacrylonitrile
Concen: 22.587 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

Tgt Ion: 41 Resp: 12944

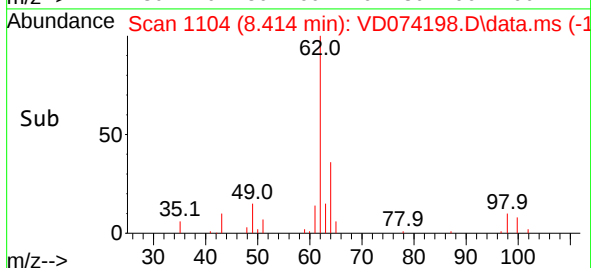
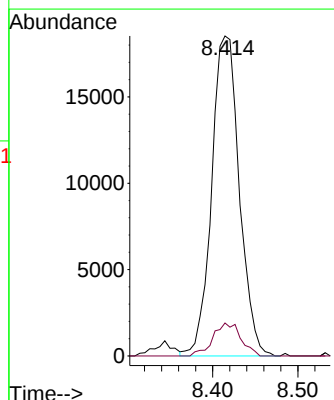
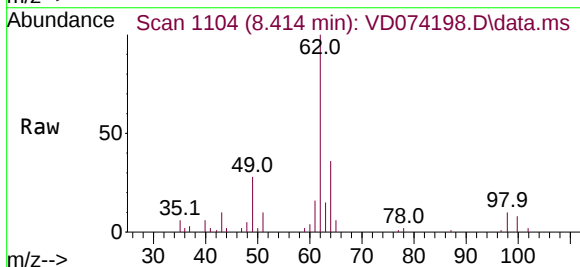
Ion	Ratio	Lower	Upper
41	100		
39	50.3	44.6	67.0
67	66.9	48.2	72.4
52	27.1	22.8	34.2

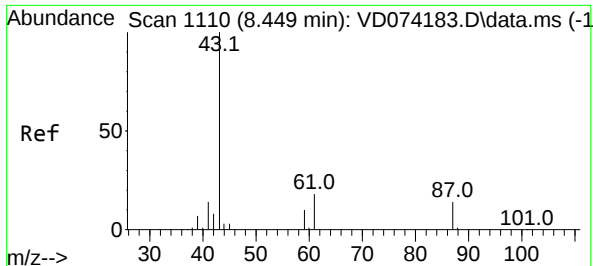


#42
1,2-Dichloroethane
Concen: 20.832 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 62 Resp: 41852

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	17.6





#43

Isopropyl Acetate

Concen: 21.171 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.005 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS02

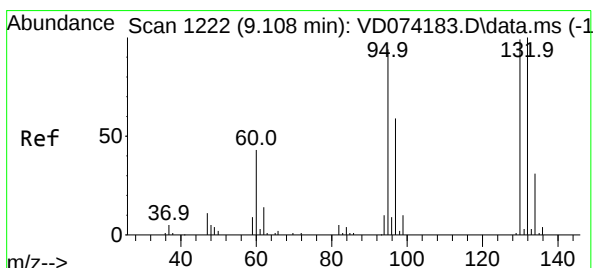
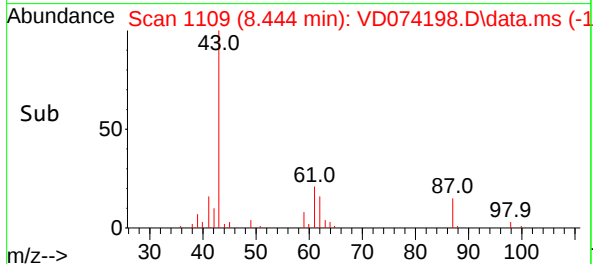
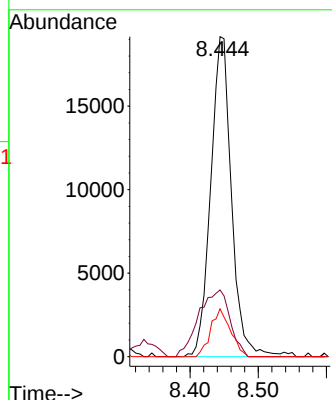
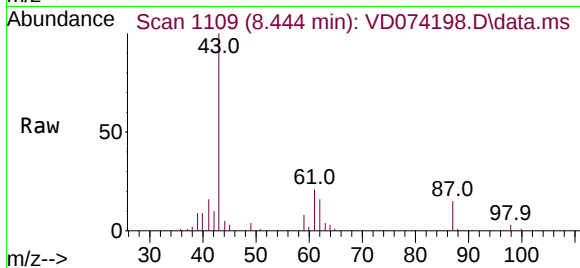
Tgt Ion: 43 Resp: 40599

Ion Ratio Lower Upper

43 100

61 31.3 22.4 33.6

87 14.2 8.7 13.1#



#44

Trichloroethene

Concen: 18.930 ug/l

RT: 9.103 min Scan# 1221

Delta R.T. -0.005 min

Lab File: VD074198.D

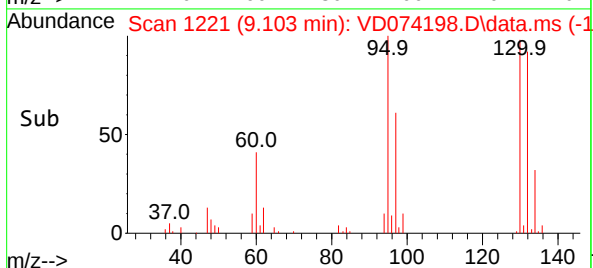
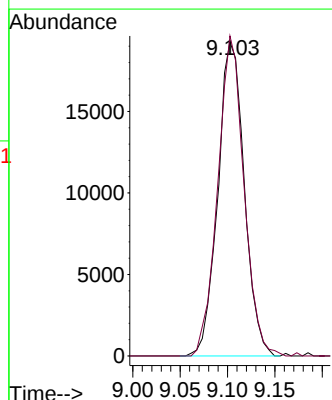
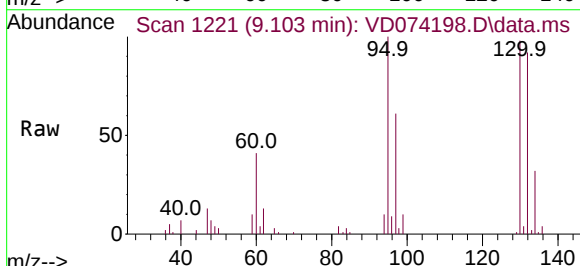
Acq: 23 Aug 2022 22:37

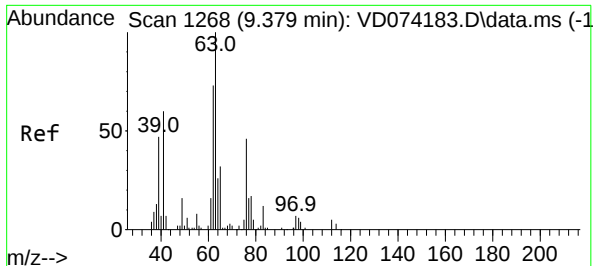
Tgt Ion:130 Resp: 37406

Ion Ratio Lower Upper

130 100

95 101.9 0.0 205.4





#45

1,2-Dichloropropane

Concen: 20.743 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

Instrument :

MSVOA_D

ClientSampleId :

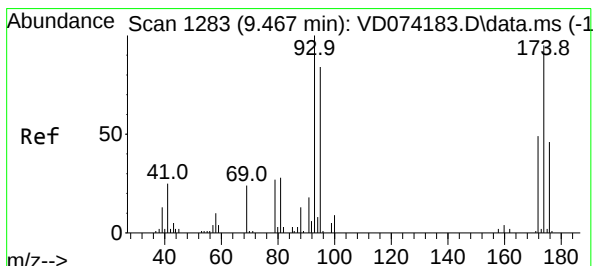
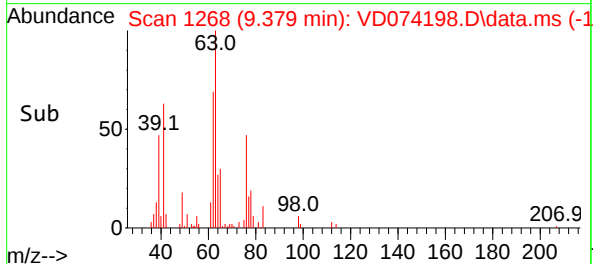
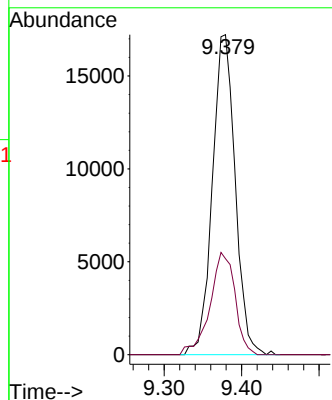
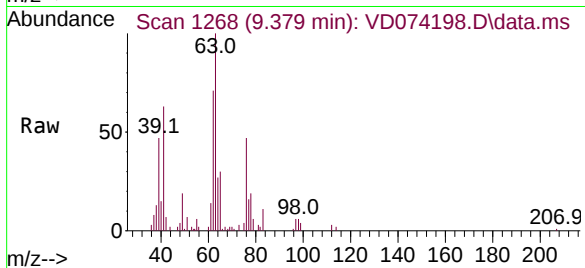
VD0823SBS02

Tgt Ion: 63 Resp: 35291

Ion Ratio Lower Upper

63 100

65 30.0 26.2 39.4



#46

Dibromomethane

Concen: 21.475 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

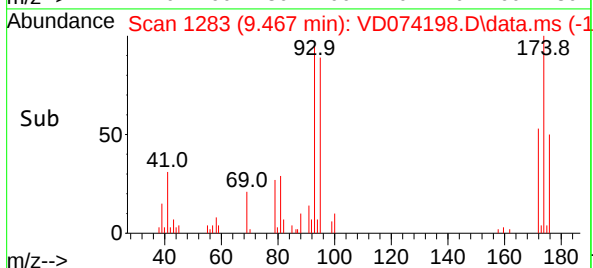
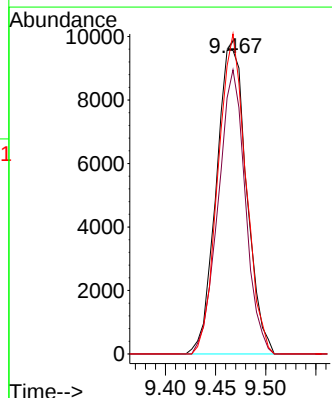
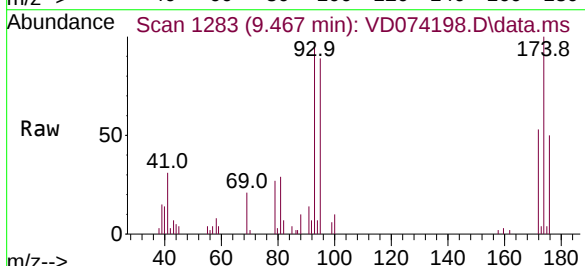
Tgt Ion: 93 Resp: 20384

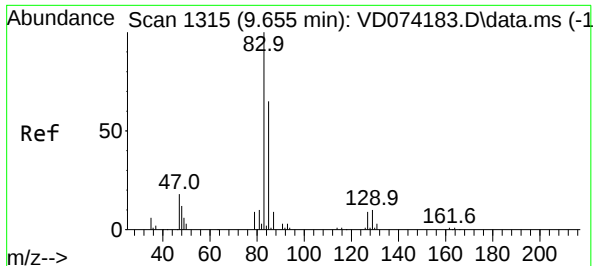
Ion Ratio Lower Upper

93 100

95 82.4 66.7 100.1

174 95.5 71.6 107.4





#47

Bromodichloromethane

Concen: 21.502 ug/l

RT: 9.650 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS02

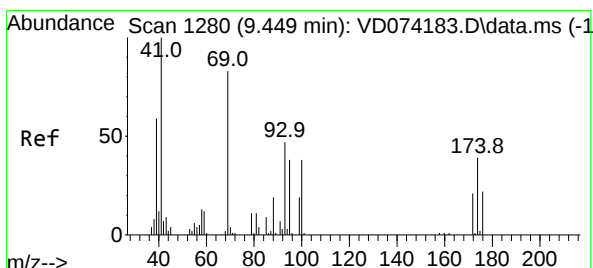
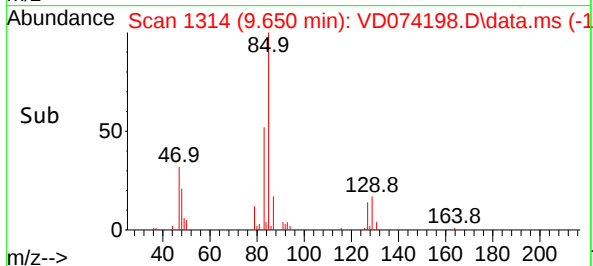
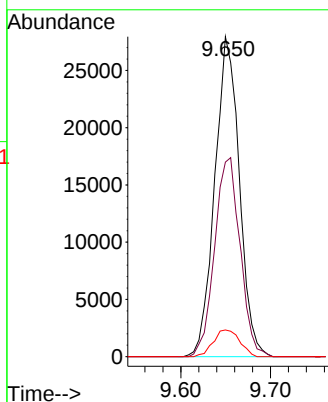
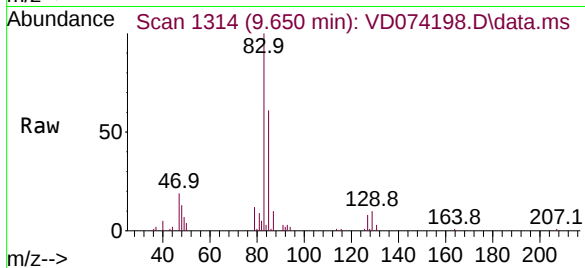
Tgt Ion: 83 Resp: 53085

Ion Ratio Lower Upper

83 100

85 60.8 51.4 77.0

127 8.3 6.1 9.1



#48

Methyl methacrylate

Concen: 19.900 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.001 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

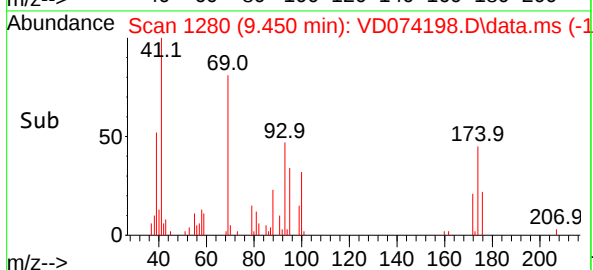
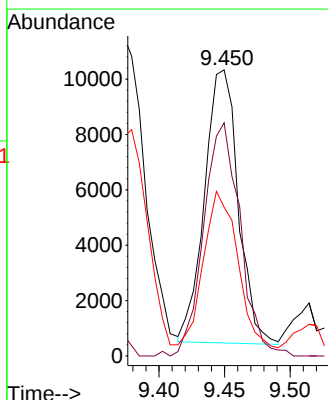
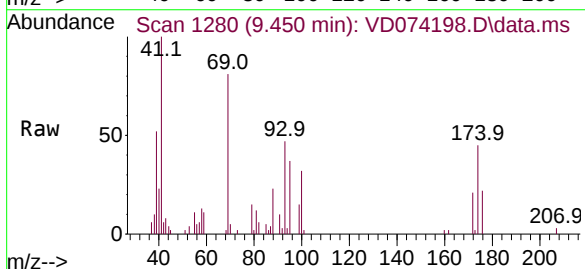
Tgt Ion: 41 Resp: 17642

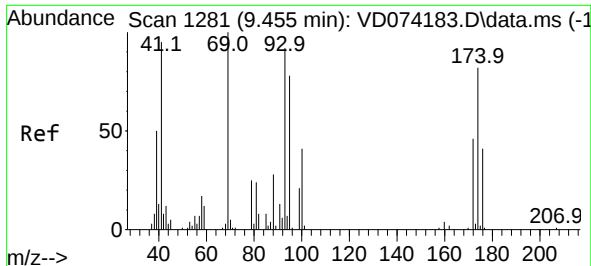
Ion Ratio Lower Upper

41 100

69 92.6 56.7 85.1#

39 65.2 42.7 64.1#

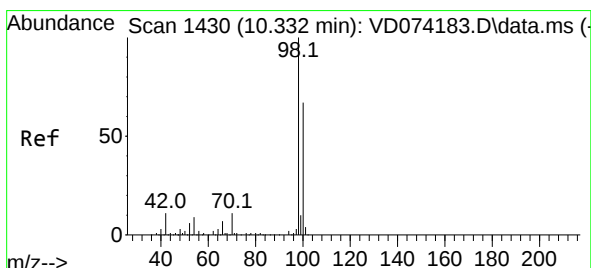
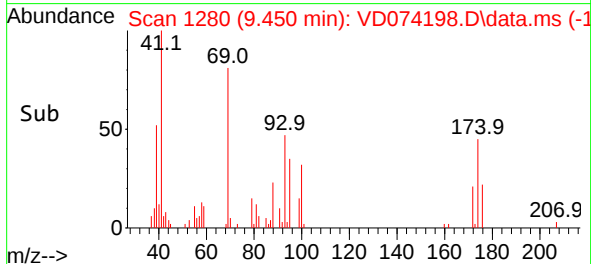
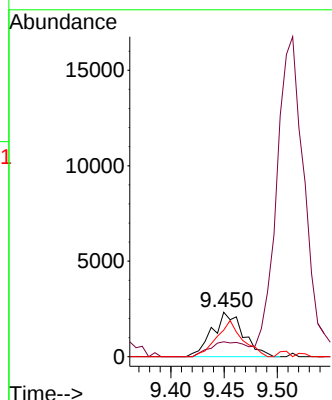
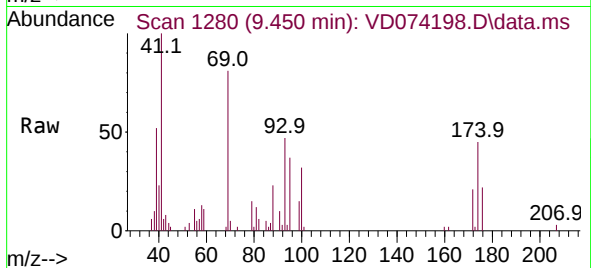




#49
1,4-Dioxane
Concen: 437.030 ug/l
RT: 9.450 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

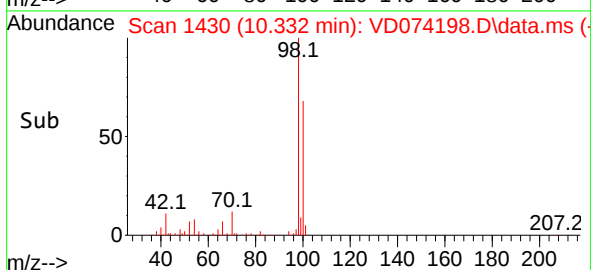
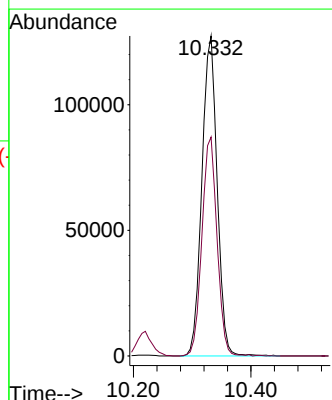
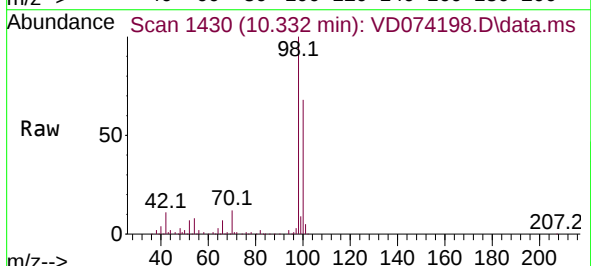
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

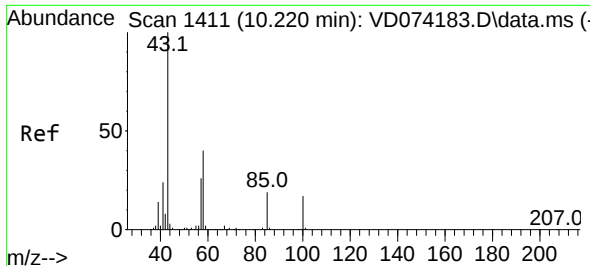
Tgt Ion: 88 Resp: 4707
Ion Ratio Lower Upper
88 100
43 38.5 31.0 46.4
58 67.4 58.1 87.1



#50
Toluene-d8
Concen: 44.535 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 98 Resp: 229296
Ion Ratio Lower Upper
98 100
100 67.7 52.4 78.6

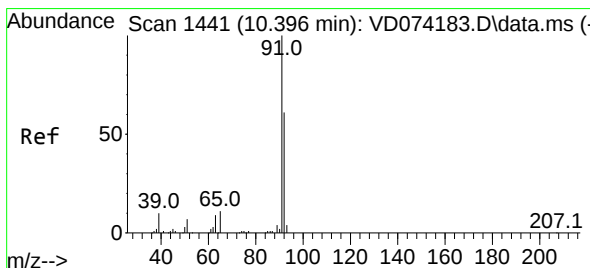
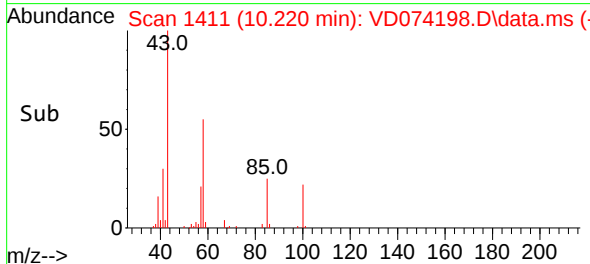
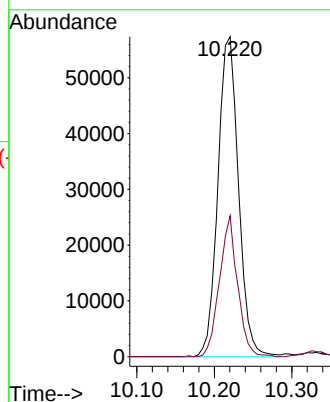
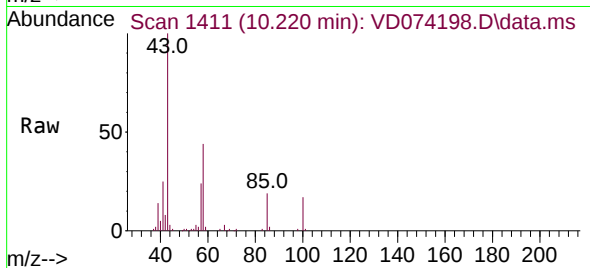




#51
4-Methyl-2-Pentanone
Concen: 110.996 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

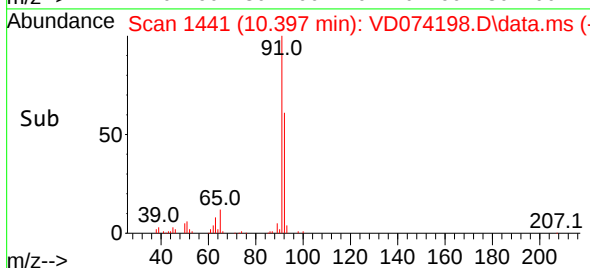
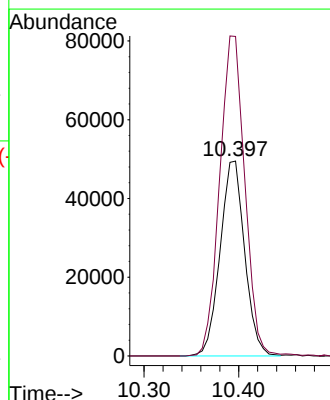
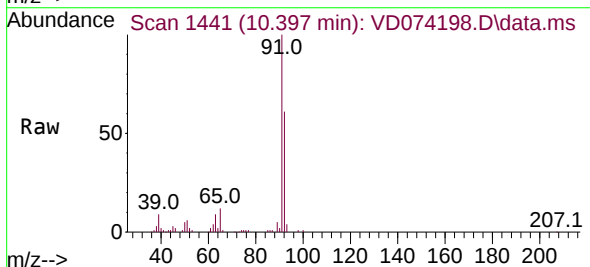
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

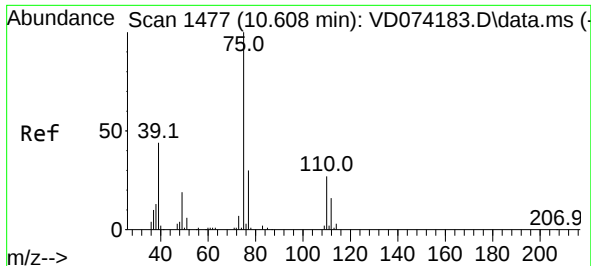
Tgt Ion: 43 Resp: 106340
Ion Ratio Lower Upper
43 100
58 38.6 28.6 43.0



#52
Toluene
Concen: 19.954 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.001 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 92 Resp: 89400
Ion Ratio Lower Upper
92 100
91 168.0 139.6 209.4

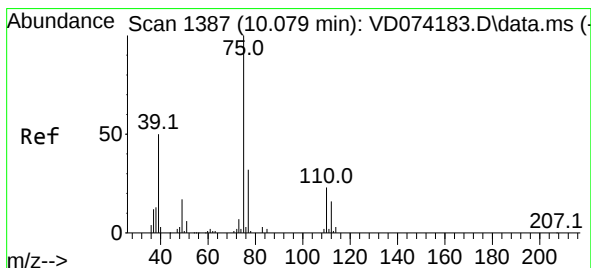
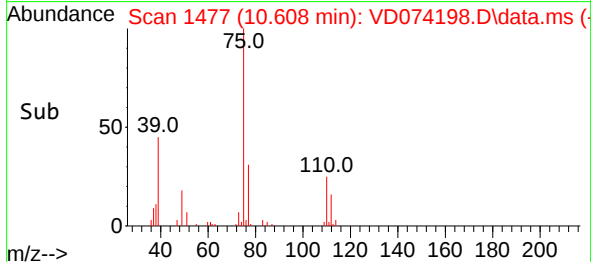
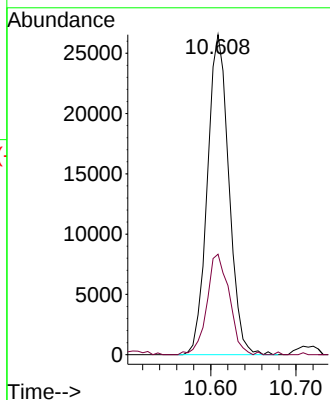
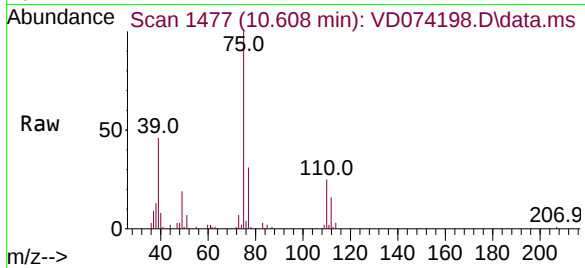




#53
t-1,3-Dichloropropene
Concen: 20.820 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

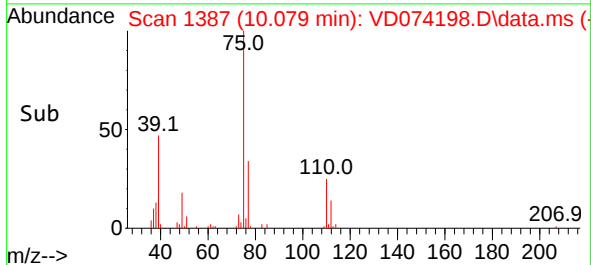
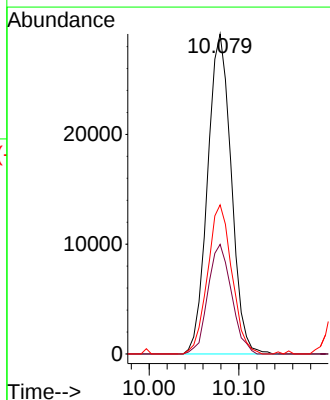
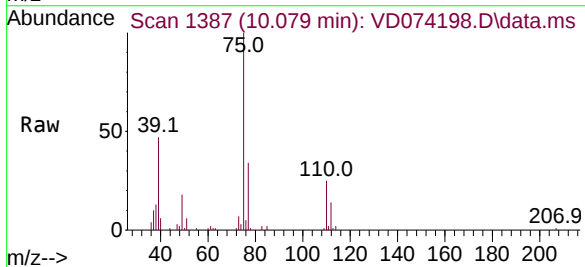
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

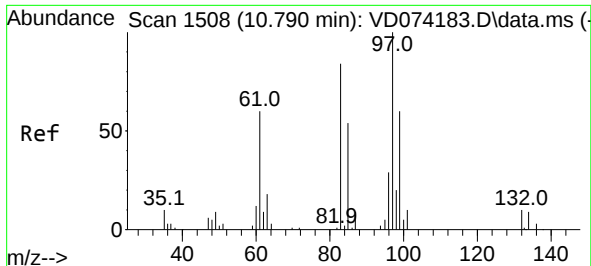
Tgt Ion: 75 Resp: 46612
Ion Ratio Lower Upper
75 100
77 31.4 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 20.109 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 75 Resp: 53381
Ion Ratio Lower Upper
75 100
77 34.3 24.8 37.2
39 46.6 46.8 70.2#

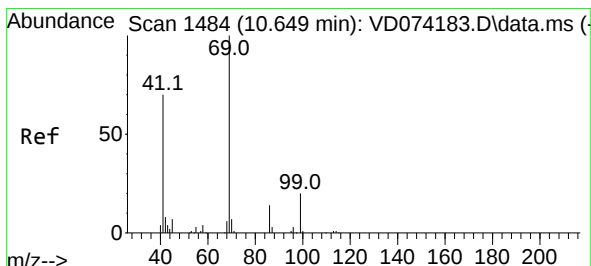
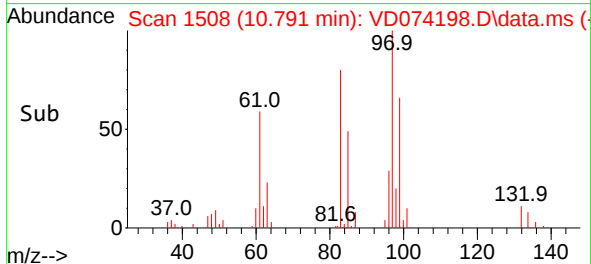
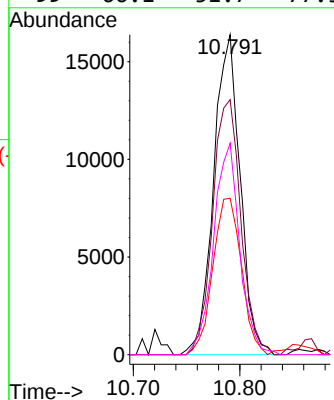
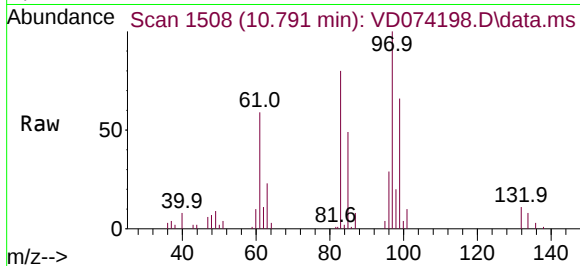




#55
1,1,2-Trichloroethane
Concen: 21.759 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.001 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

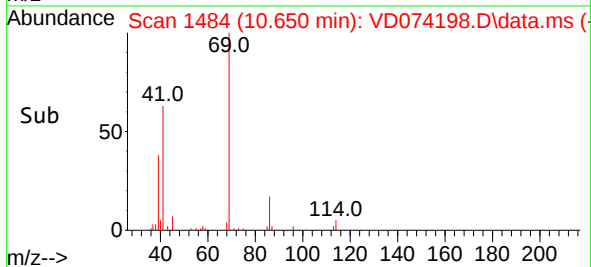
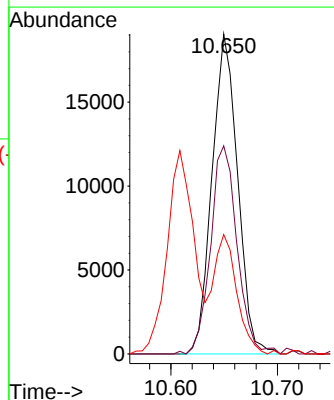
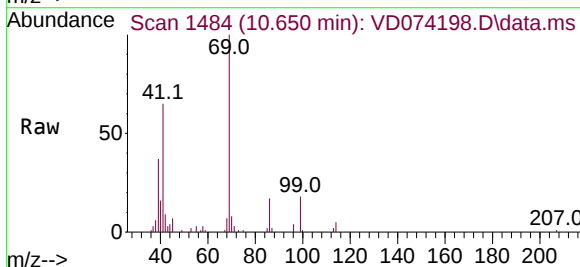
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

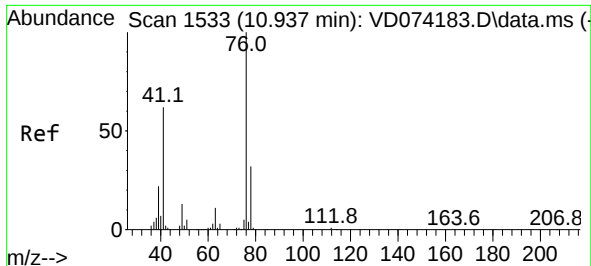
Tgt Ion:	97	Resp:	28247
Ion	Ratio	Lower	Upper
97	100		
83	79.7	69.0	103.4
85	48.9	42.6	63.8
99	66.1	51.7	77.5



#56
Ethyl methacrylate
Concen: 21.434 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.001 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion:	69	Resp:	31786
Ion	Ratio	Lower	Upper
69	100		
41	67.5	63.0	94.6
39	33.9	33.8	50.8





#57

1,3-Dichloropropane

Concen: 21.536 ug/l

RT: 10.932 min Scan# 1532

Delta R.T. -0.005 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

Instrument :

MSVOA_D

ClientSampleId :

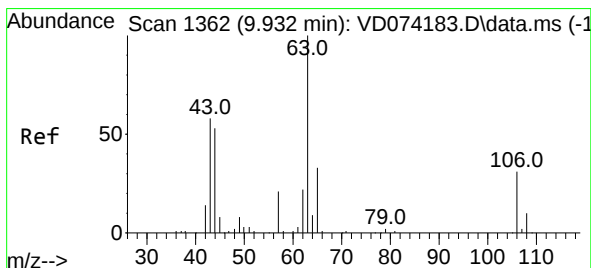
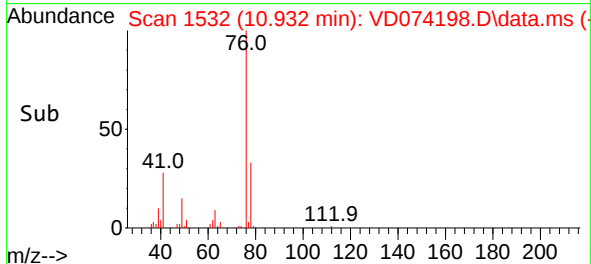
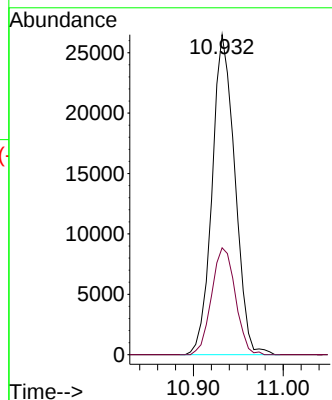
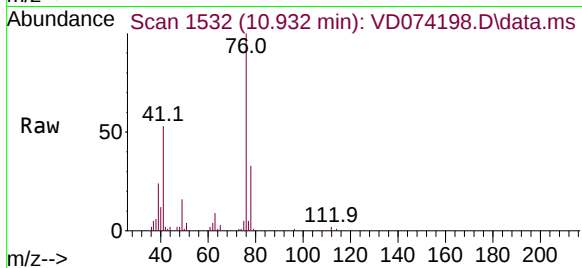
VD0823SBS02

Tgt Ion: 76 Resp: 46718

Ion Ratio Lower Upper

76 100

78 34.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 115.157 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD074198.D

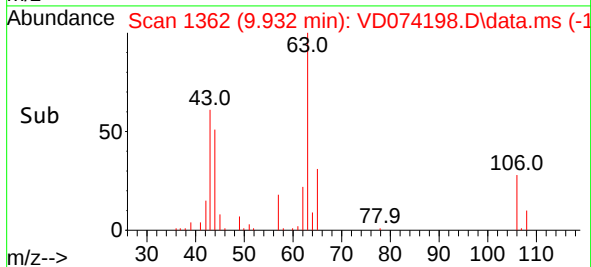
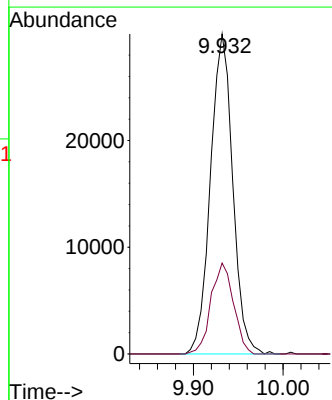
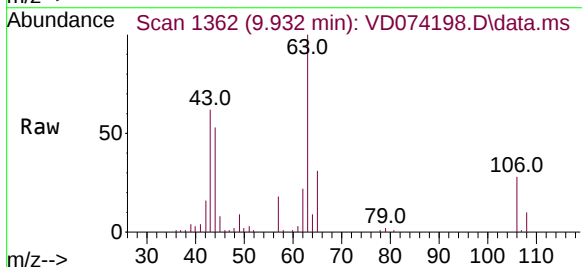
Acq: 23 Aug 2022 22:37

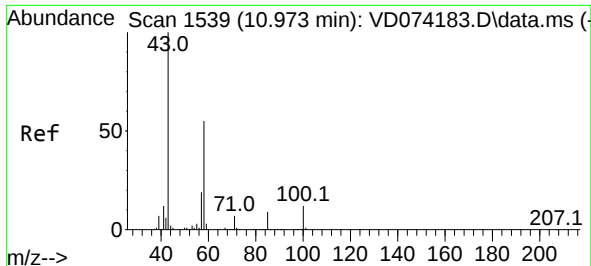
Tgt Ion: 63 Resp: 51694

Ion Ratio Lower Upper

63 100

106 28.7 21.4 32.0

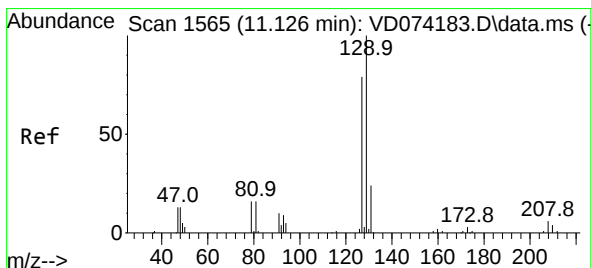
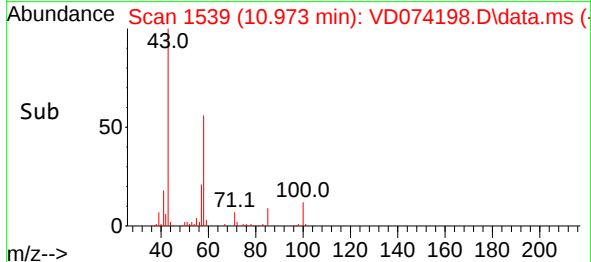
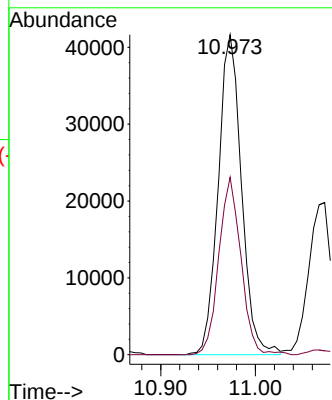
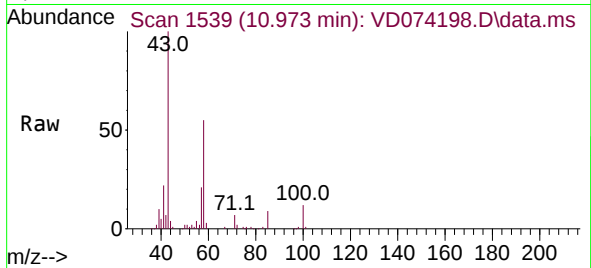




#59
2-Hexanone
Concen: 110.181 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

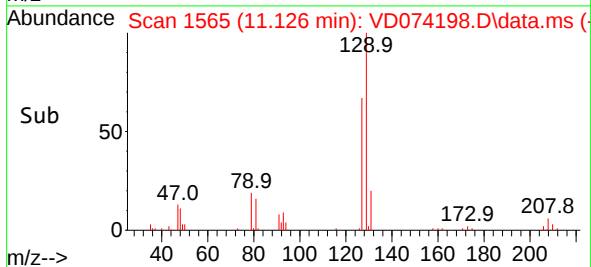
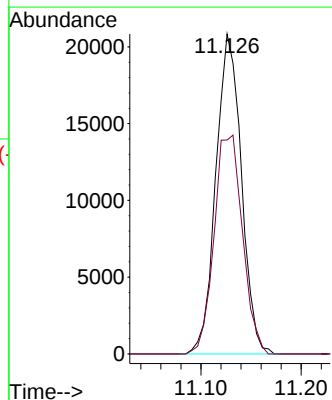
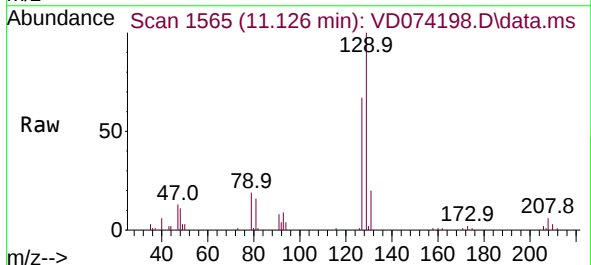
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

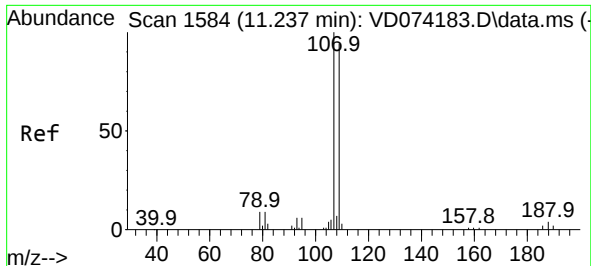
Tgt Ion: 43 Resp: 71172
Ion Ratio Lower Upper
43 100
58 52.7 25.3 75.9



#60
Dibromochloromethane
Concen: 21.818 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 129 Resp: 36782
Ion Ratio Lower Upper
129 100
127 76.2 39.2 117.6

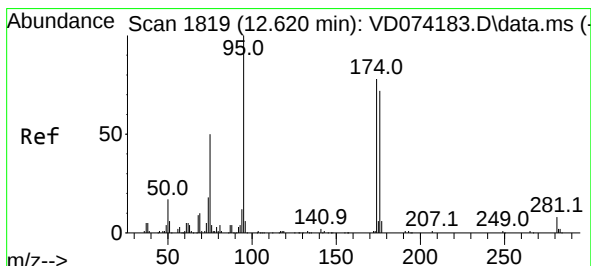
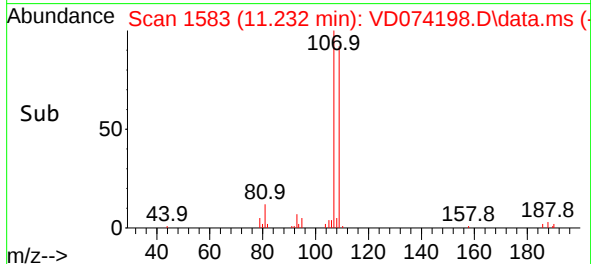
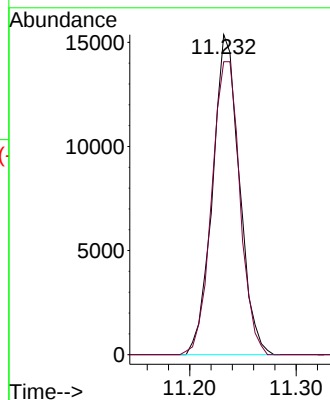
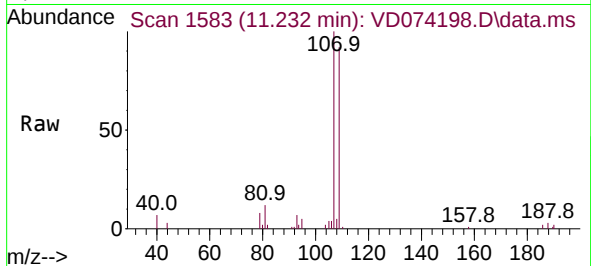




#61
1,2-Dibromoethane
Concen: 21.236 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

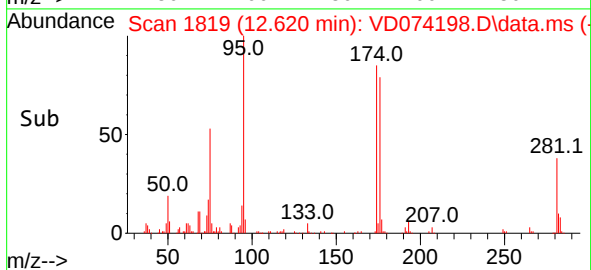
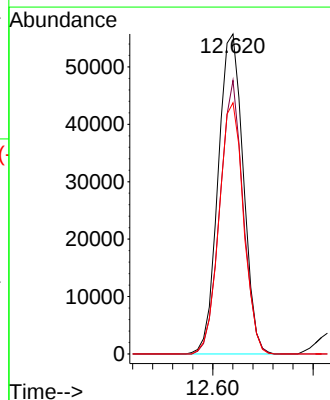
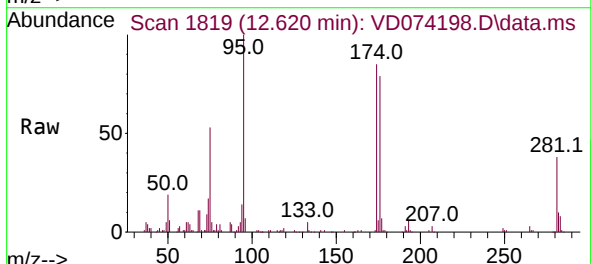
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

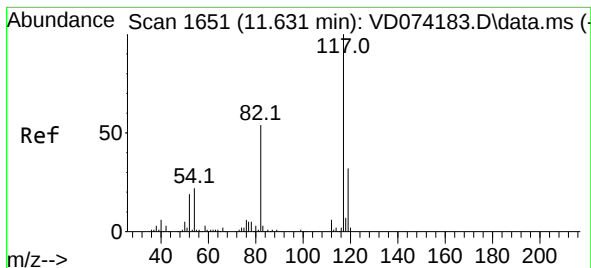
Tgt Ion:107 Resp: 26890
Ion Ratio Lower Upper
107 100
109 96.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 47.468 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 95 Resp: 96552
Ion Ratio Lower Upper
95 100
174 78.8 0.0 152.8
176 76.7 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS02

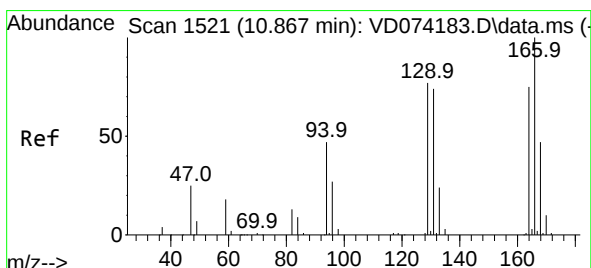
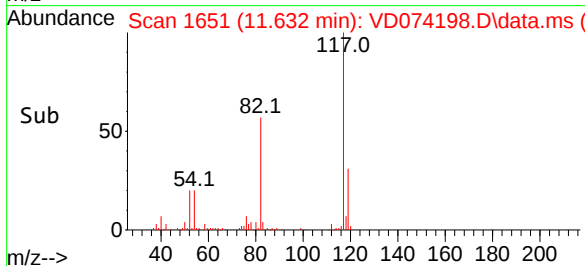
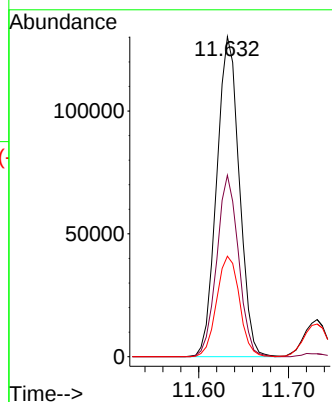
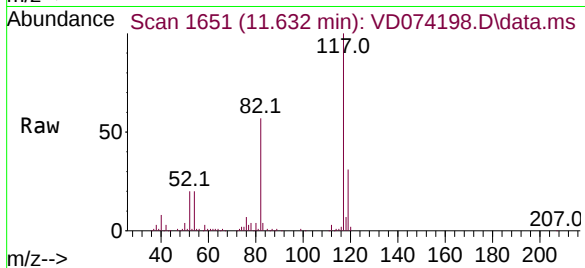
Tgt Ion:117 Resp: 228070

Ion Ratio Lower Upper

117 100

82 56.7 45.3 67.9

119 31.4 26.6 40.0



#64

Tetrachloroethene

Concen: 19.883 ug/l

RT: 10.861 min Scan# 1520

Delta R.T. -0.006 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

Tgt Ion:164 Resp: 33091

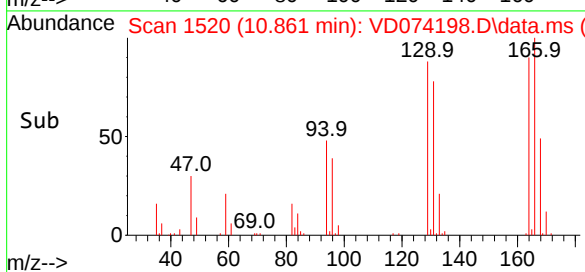
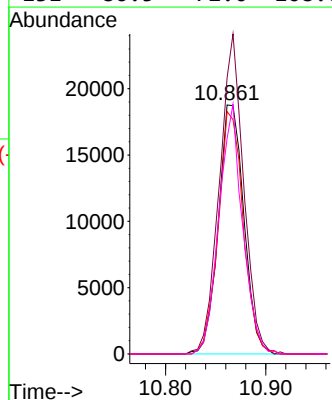
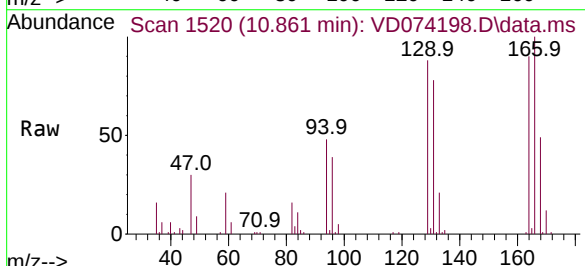
Ion Ratio Lower Upper

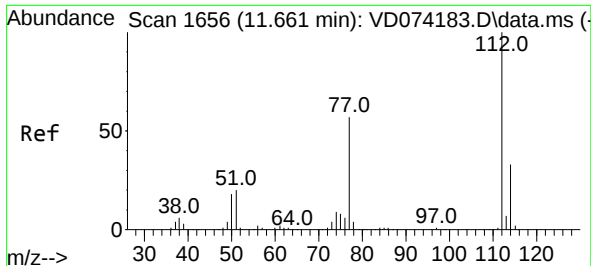
164 100

166 110.8 98.5 147.7

129 97.3 74.6 111.8

131 86.5 72.0 108.0

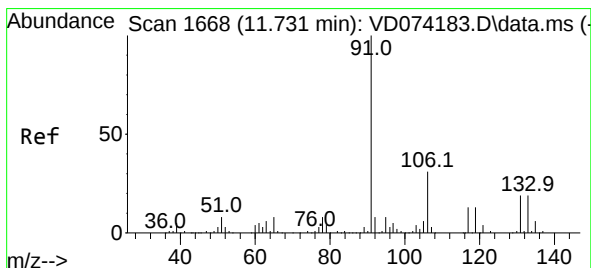
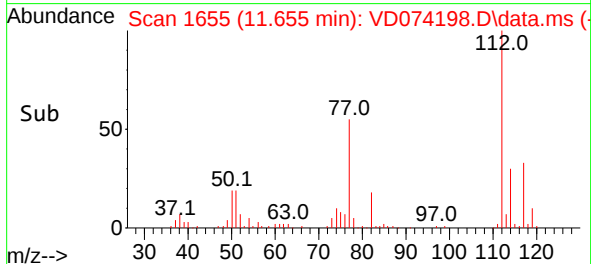
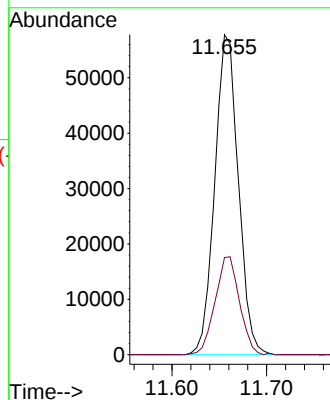
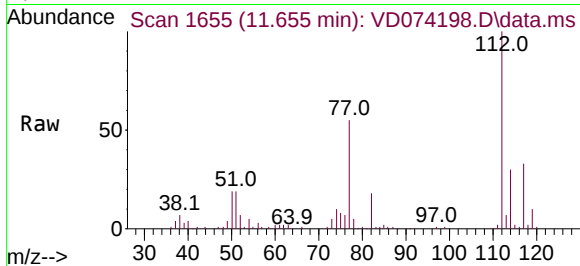




#65
Chlorobenzene
Concen: 20.081 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

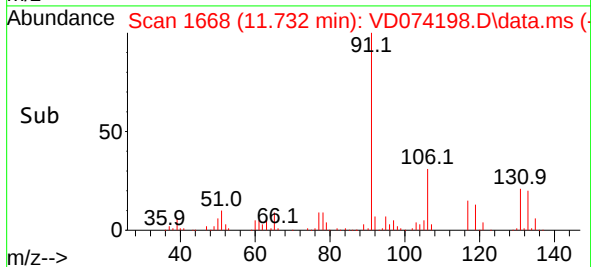
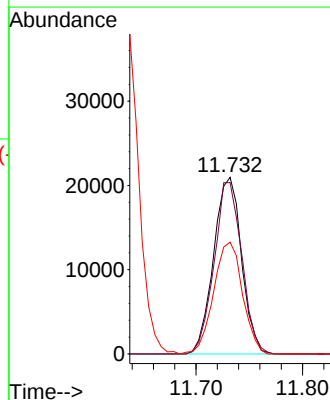
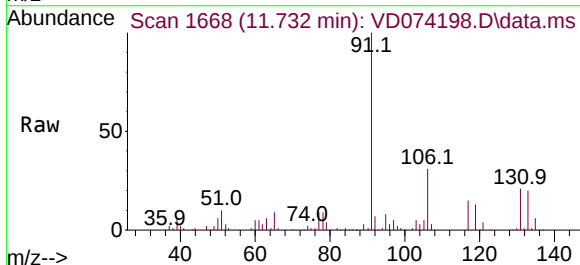
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

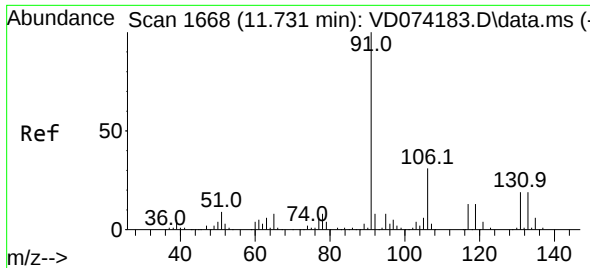
Tgt Ion:112 Resp: 99815
Ion Ratio Lower Upper
112 100
114 30.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.394 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion:131 Resp: 38110
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.3
119 65.5 31.9 95.9

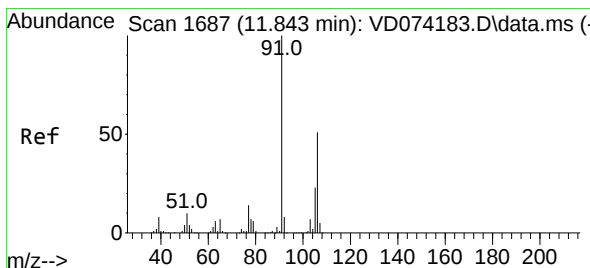
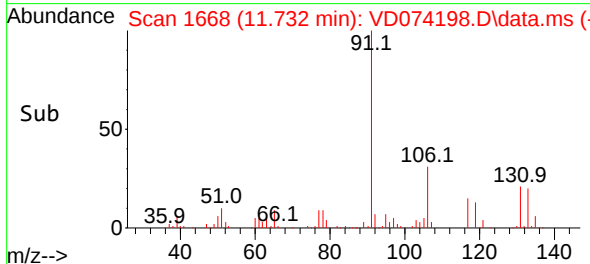
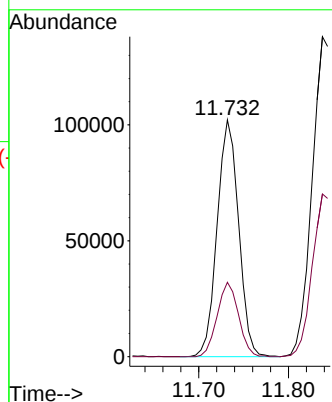
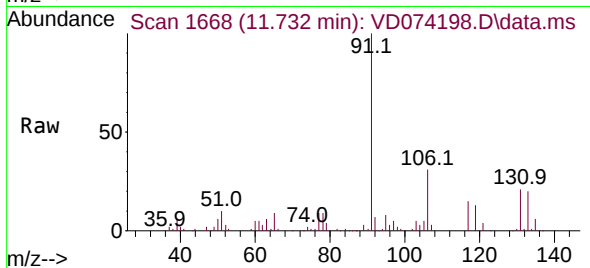




#67
Ethyl Benzene
Concen: 19.945 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

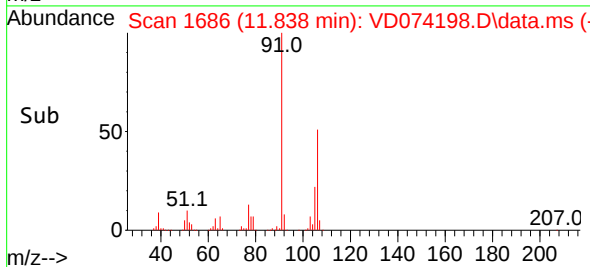
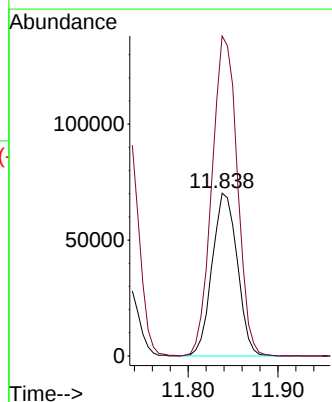
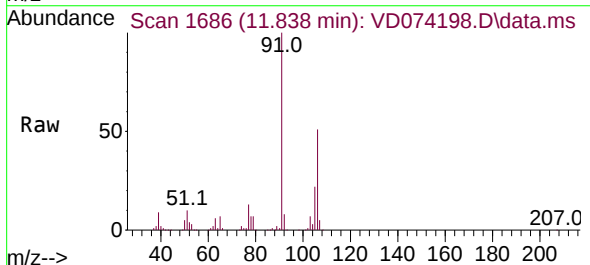
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

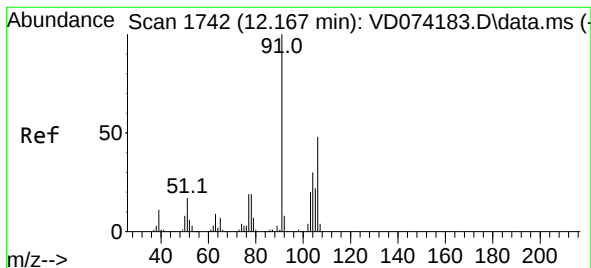
Tgt Ion: 91 Resp: 169673
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.4



#68
m/p-Xylenes
Concen: 40.386 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.005 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 106 Resp: 136838
Ion Ratio Lower Upper
106 100
91 198.4 163.7 245.5

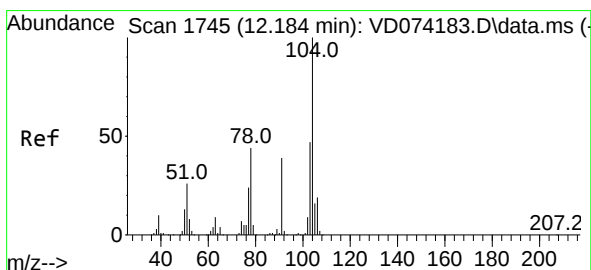
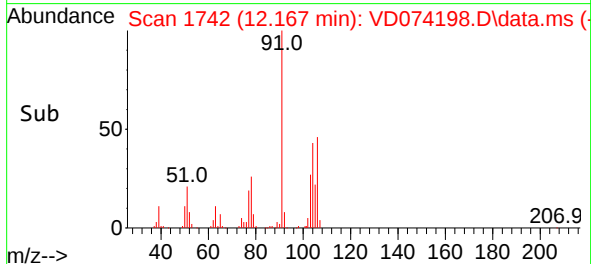
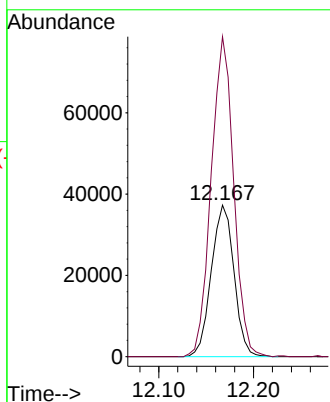
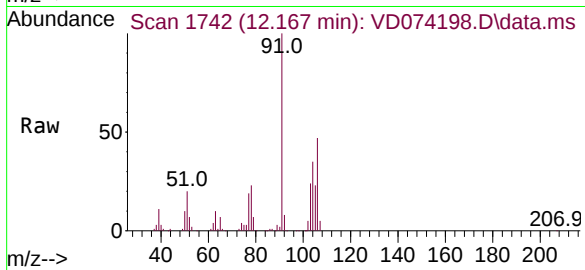




#69
o-Xylene
Concen: 19.844 ug/l
RT: 12.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

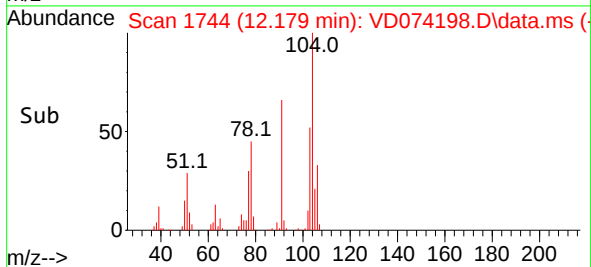
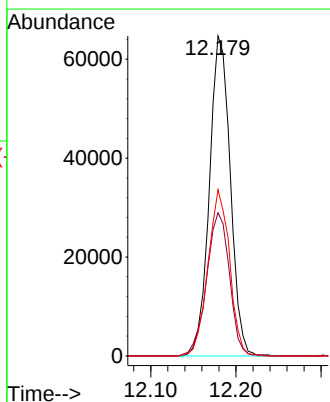
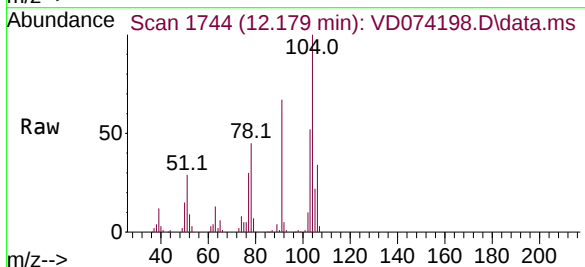
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

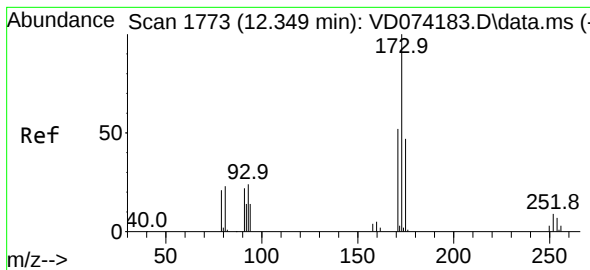
Tgt Ion:106 Resp: 62039
Ion Ratio Lower Upper
106 100
91 209.1 110.4 331.2



#70
Styrene
Concen: 20.580 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.005 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion:104 Resp: 110313
Ion Ratio Lower Upper
104 100
78 48.9 41.8 62.8
103 53.8 44.2 66.4





#71

Bromoform

Concen: 20.851 ug/l

RT: 12.350 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS02

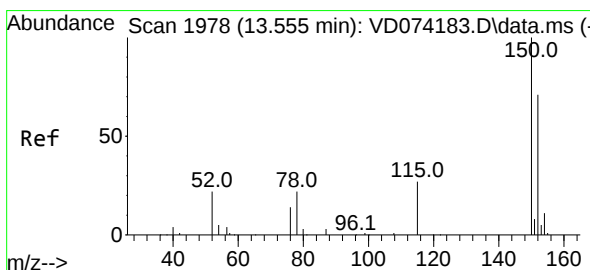
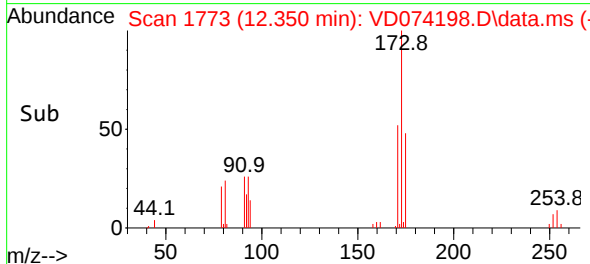
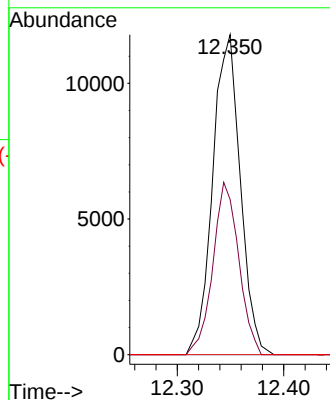
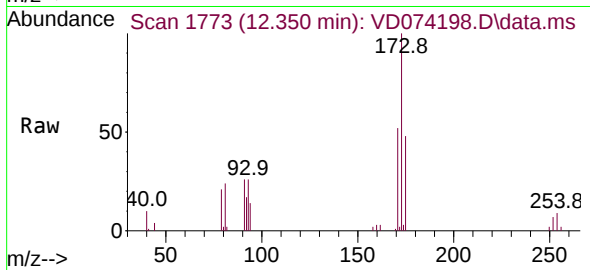
Tgt Ion:173 Resp: 21191

Ion Ratio Lower Upper

173 100

175 50.6 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. 0.000 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

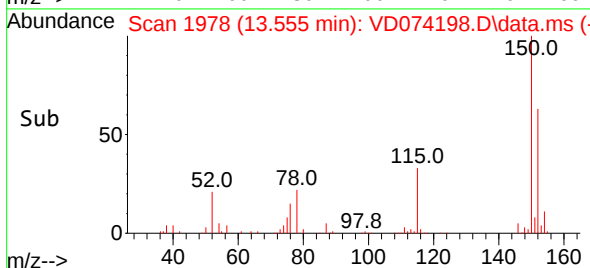
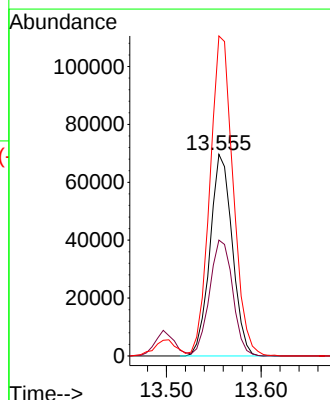
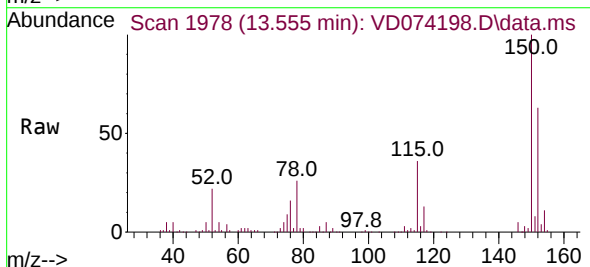
Tgt Ion:152 Resp: 113828

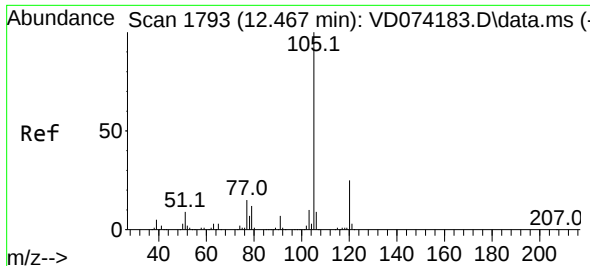
Ion Ratio Lower Upper

152 100

115 59.6 31.3 93.8

150 165.5 0.0 348.6

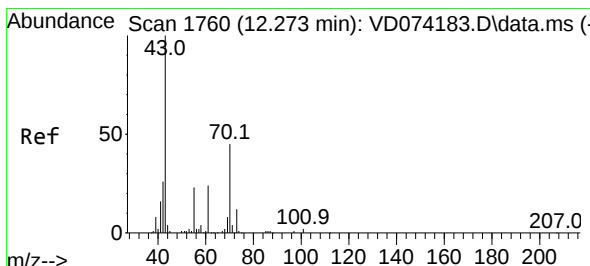
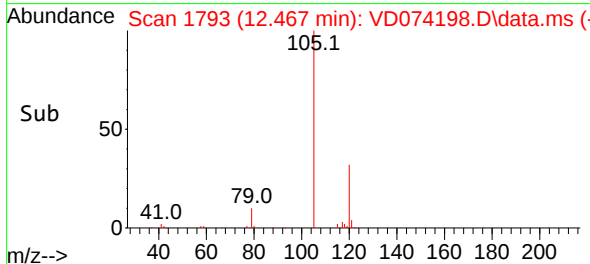
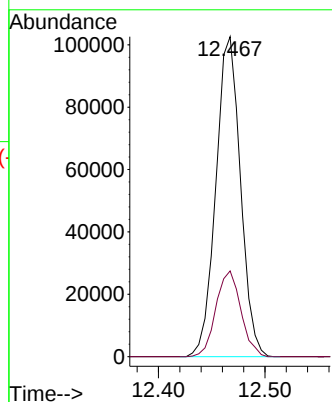
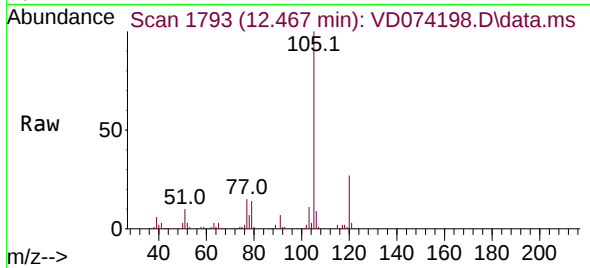




#73
Isopropylbenzene
Concen: 19.920 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

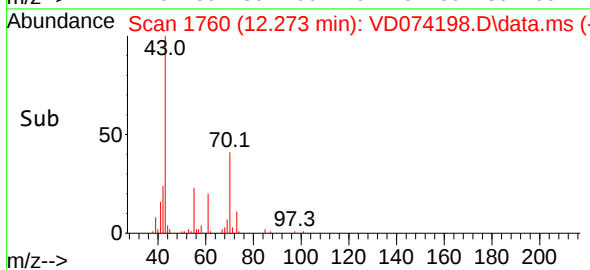
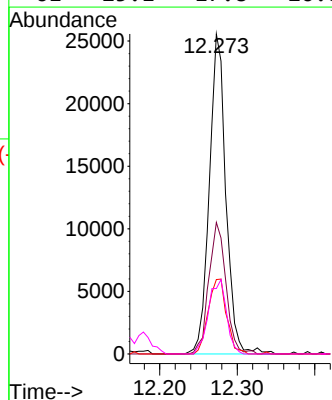
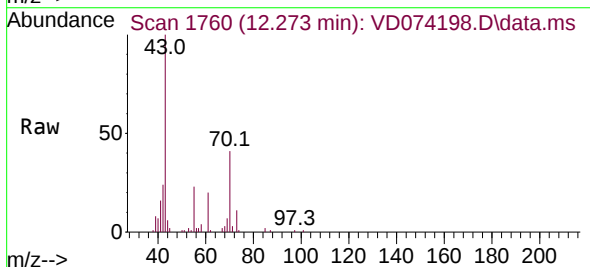
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

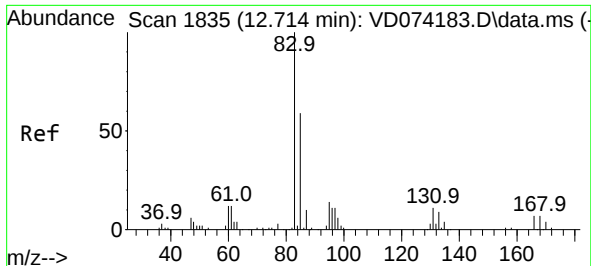
Tgt Ion:105 Resp: 164180
Ion Ratio Lower Upper
105 100
120 27.2 13.0 38.9



#74
N-ethyl acetate
Concen: 21.210 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 43 Resp: 38027
Ion Ratio Lower Upper
43 100
70 42.6 31.3 46.9
55 25.9 20.0 30.0
61 25.1 17.8 26.8

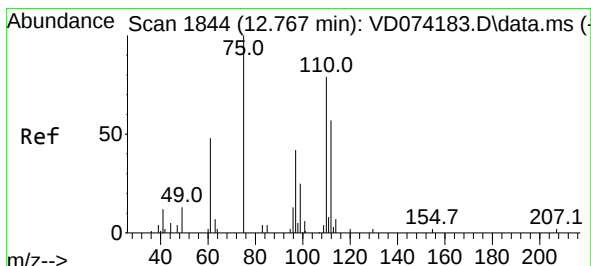
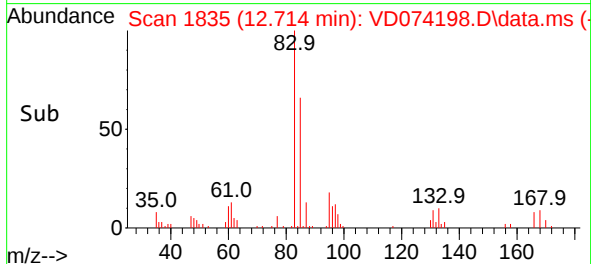
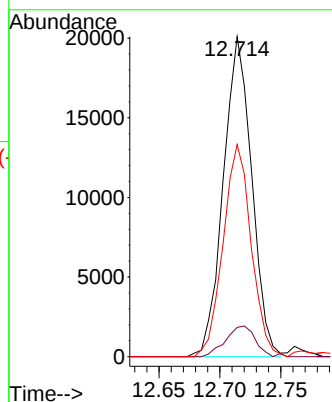
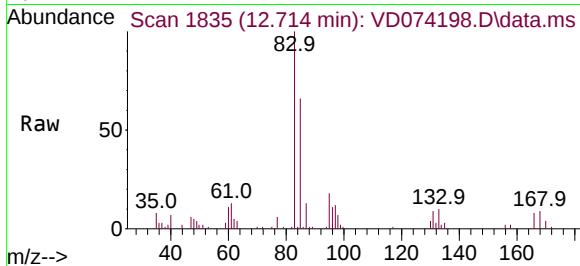




#75
1,1,2,2-Tetrachloroethane
Concen: 22.158 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

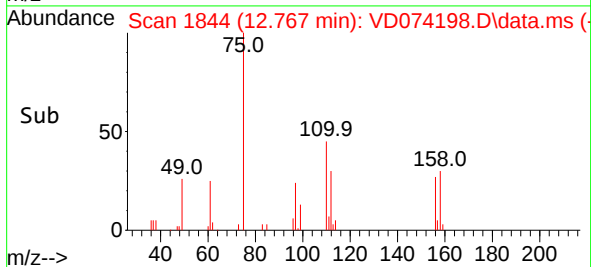
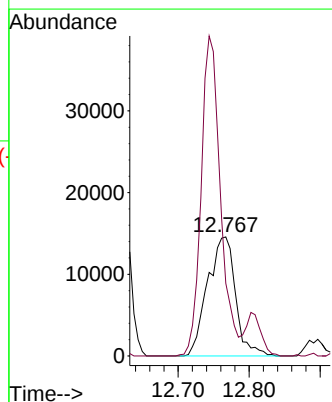
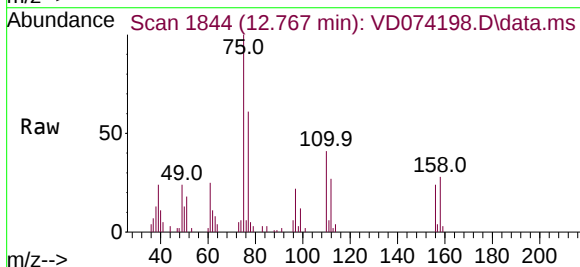
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

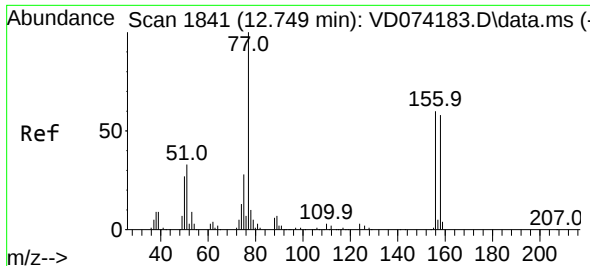
Tgt Ion: 83 Resp: 32617
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 65.3 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 35.825 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 75 Resp: 39817
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

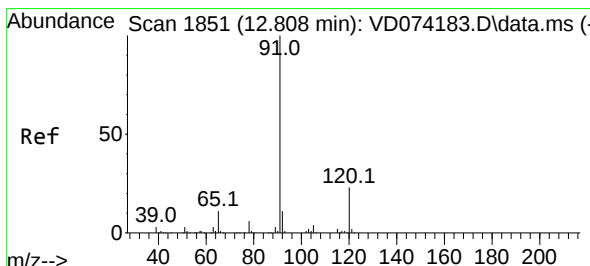
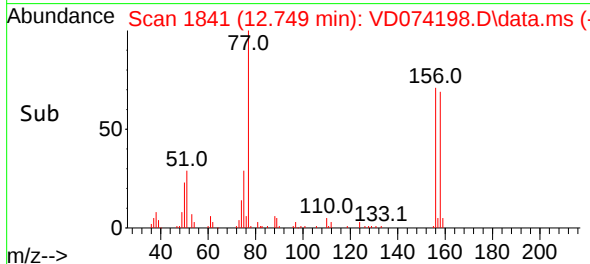
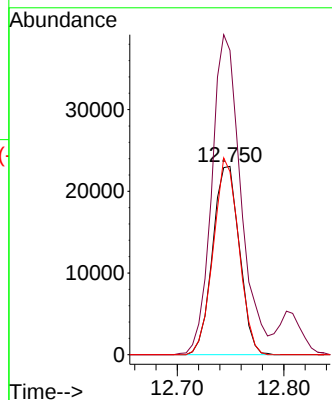
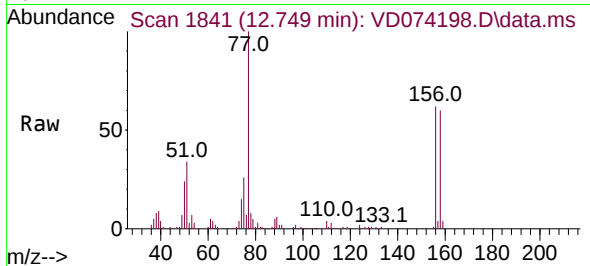




#77
Bromobenzene
Concen: 20.687 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

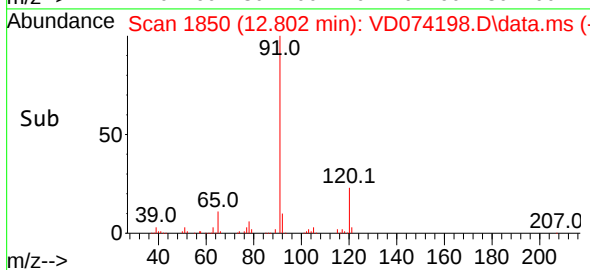
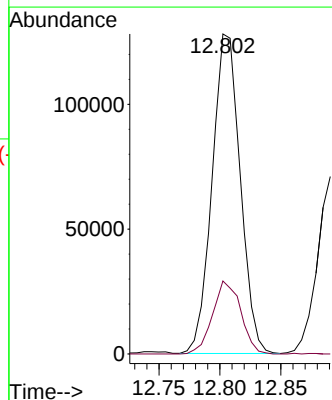
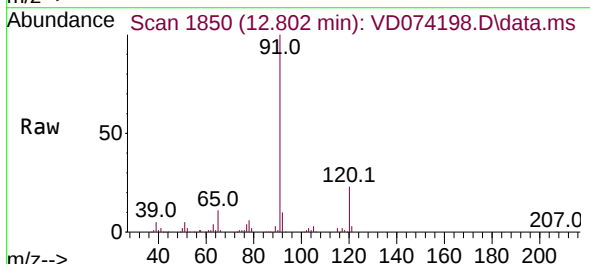
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

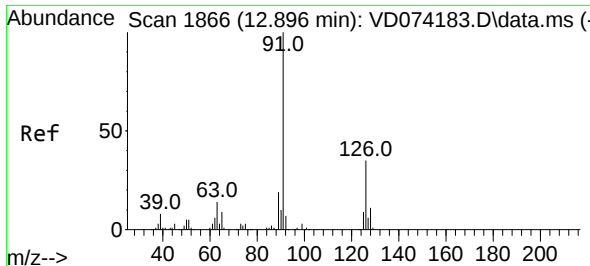
Tgt Ion:156 Resp: 40394
Ion Ratio Lower Upper
156 100
77 183.2 102.8 308.3
158 98.9 48.7 146.1



#78
n-propylbenzene
Concen: 20.418 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 91 Resp: 205811
Ion Ratio Lower Upper
91 100
120 22.8 10.9 32.9

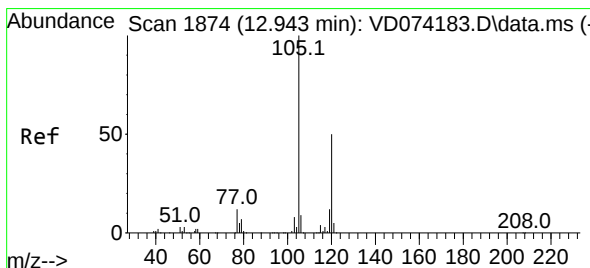
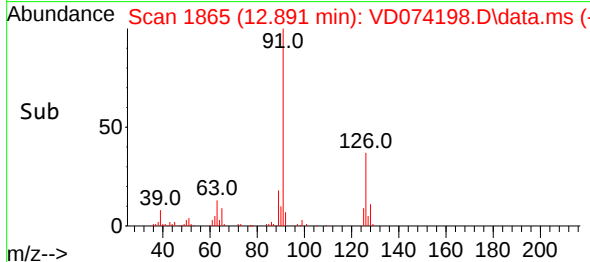
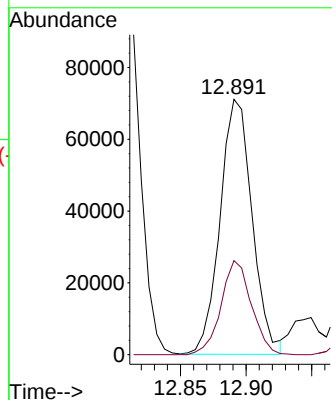
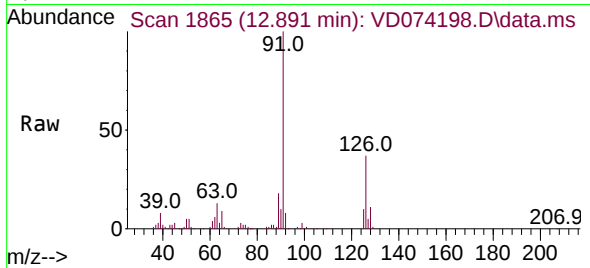




#79
2-Chlorotoluene
Concen: 20.760 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. -0.005 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

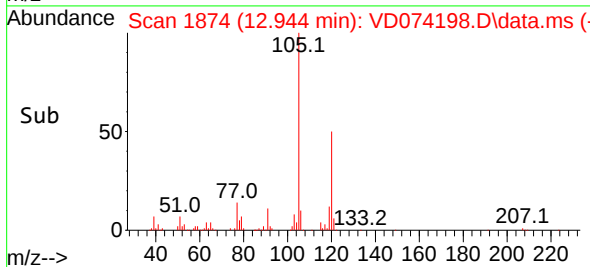
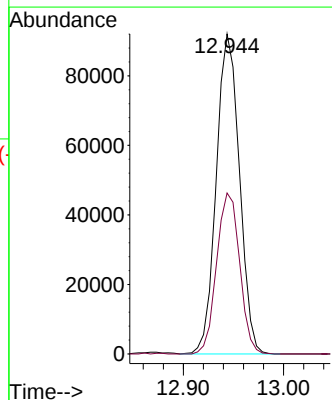
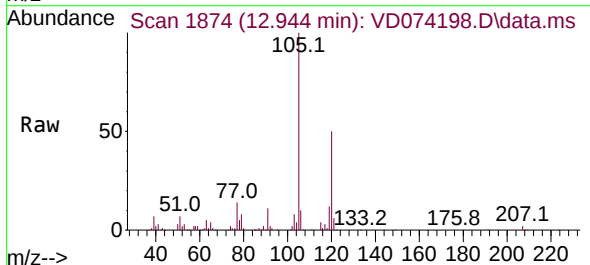
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

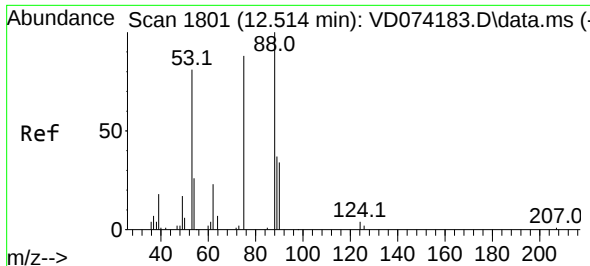
Tgt Ion: 91 Resp: 120836
Ion Ratio Lower Upper
91 100
126 34.9 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 20.860 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.001 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 105 Resp: 147703
Ion Ratio Lower Upper
105 100
120 49.9 24.3 72.8

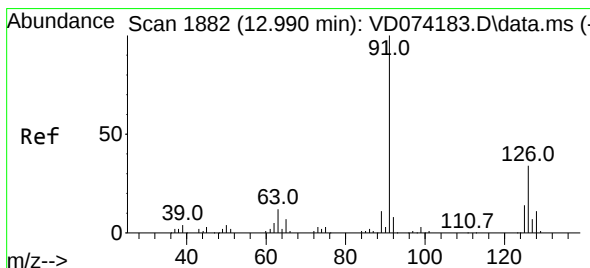
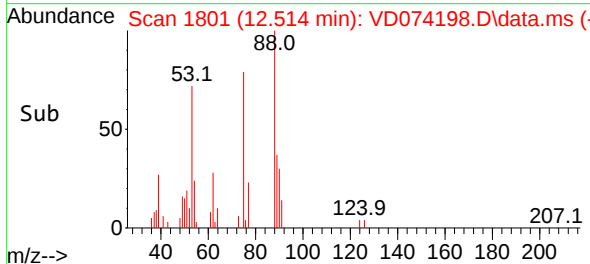
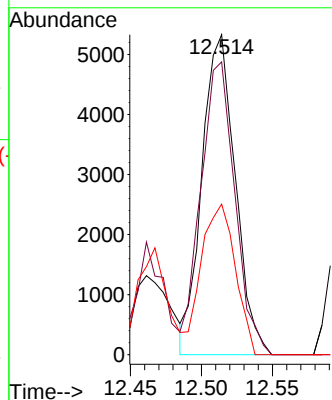
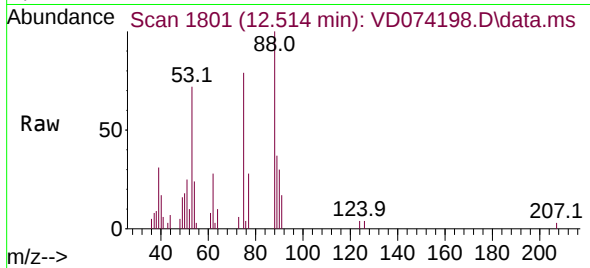




#81
trans-1,4-Dichloro-2-butene
Concen: 20.125 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

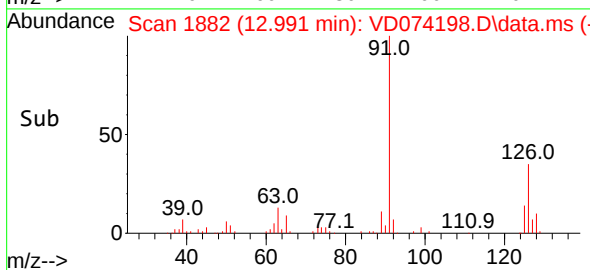
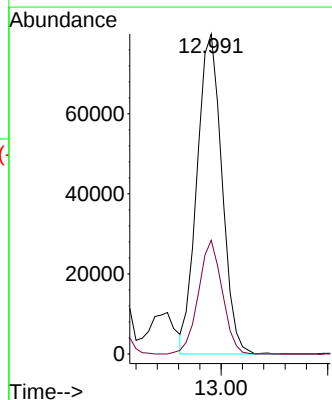
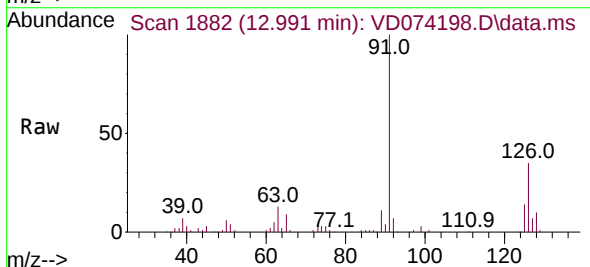
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

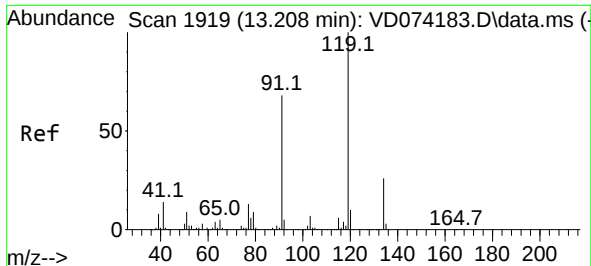
Tgt Ion: 75 Resp: 8698
Ion Ratio Lower Upper
75 100
53 93.5 86.5 129.7
89 48.5 33.9 50.9



#82
4-Chlorotoluene
Concen: 21.105 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.001 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion: 91 Resp: 129953
Ion Ratio Lower Upper
91 100
126 33.9 16.5 49.5

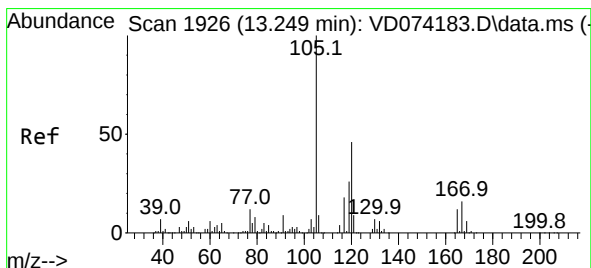
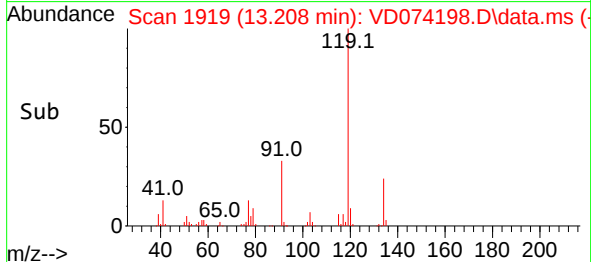
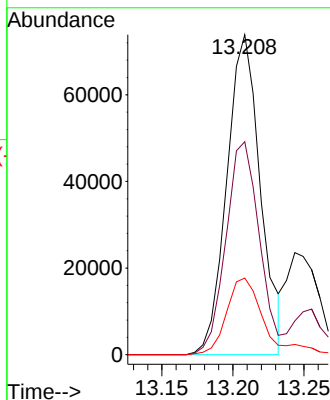
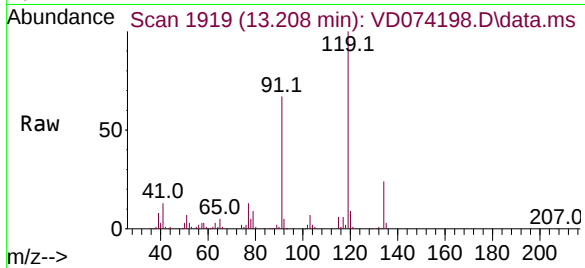




#83
tert-Butylbenzene
Concen: 20.351 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

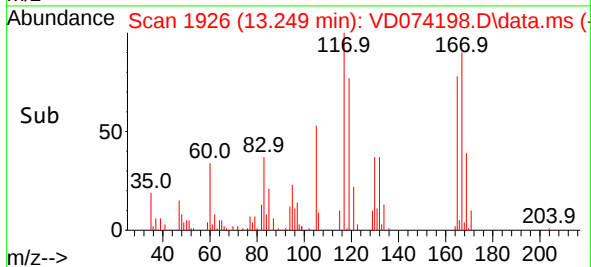
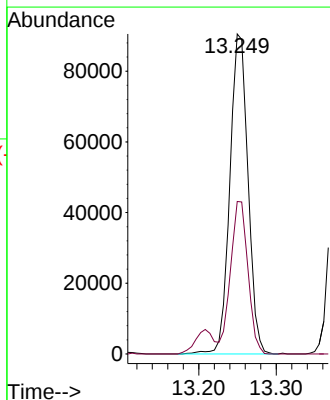
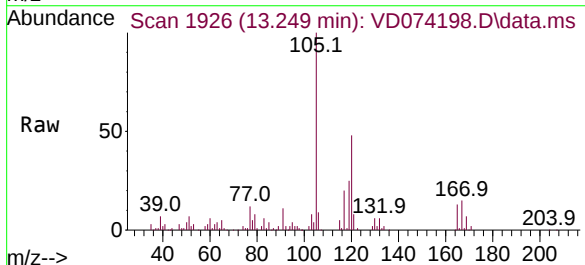
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

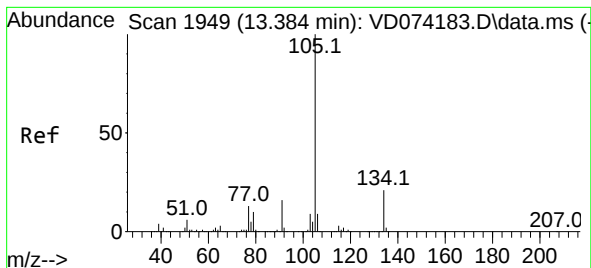
Tgt Ion:119 Resp: 121381
Ion Ratio Lower Upper
119 100
91 66.1 34.8 104.5
134 26.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 21.398 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion:105 Resp: 147455
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.849 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.001 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

Instrument :

MSVOA_D

ClientSampleId :

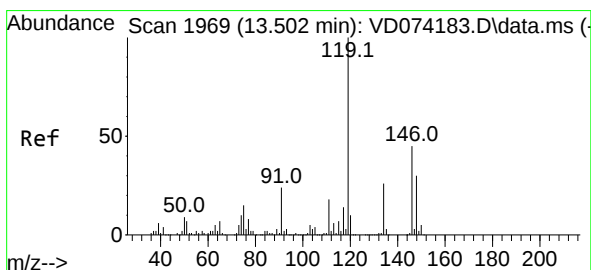
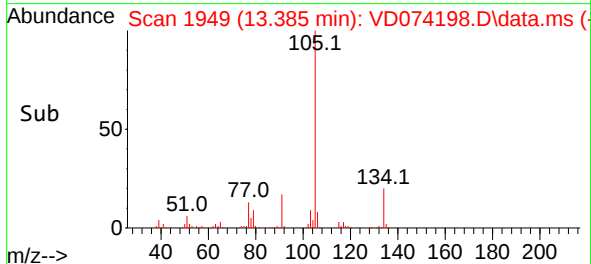
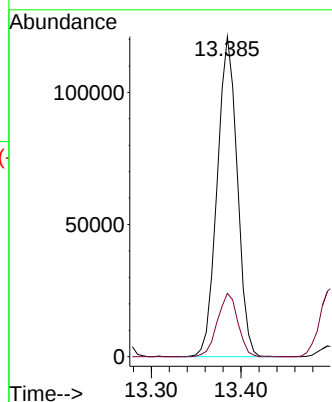
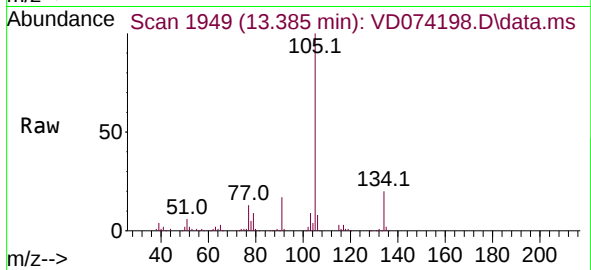
VD0823SBS02

Tgt Ion:105 Resp: 187972

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 20.956 ug/l

RT: 13.497 min Scan# 1968

Delta R.T. -0.005 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

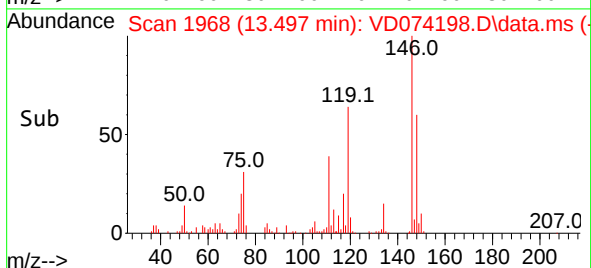
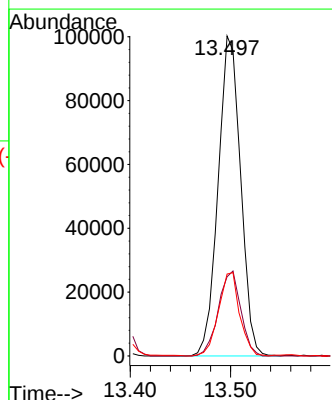
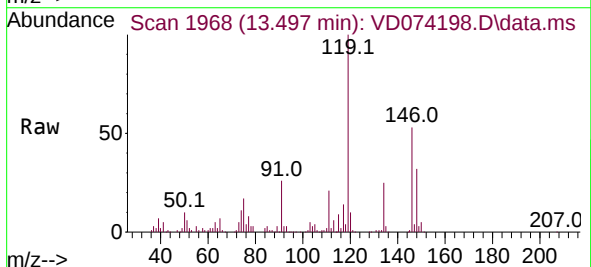
Tgt Ion:119 Resp: 155895

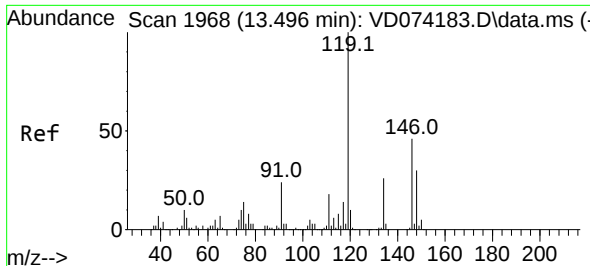
Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

91 24.6 12.1 36.3

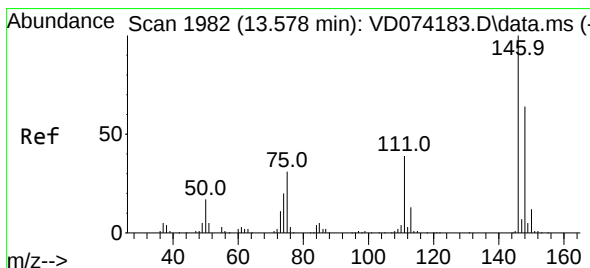
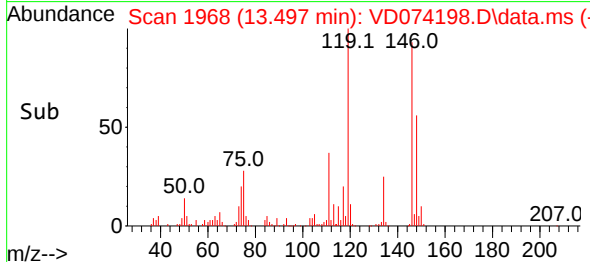
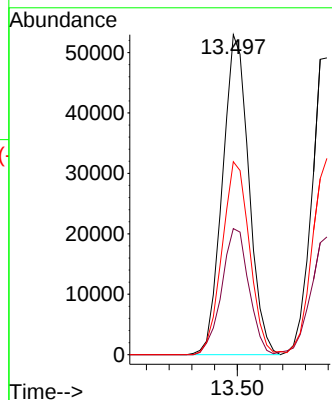
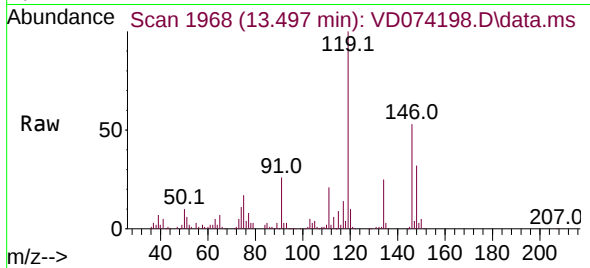




#87
1,3-Dichlorobenzene
Concen: 21.627 ug/l
RT: 13.497 min Scan# 1968
Delta R.T. 0.001 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

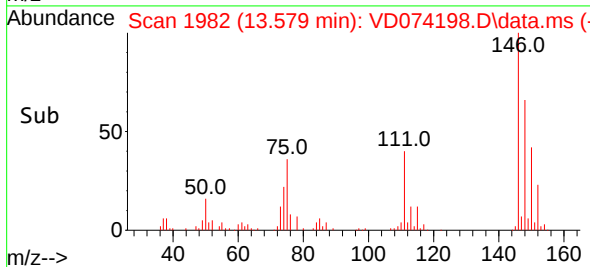
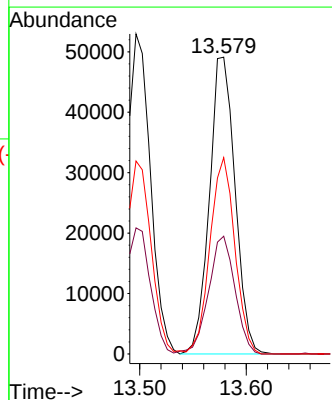
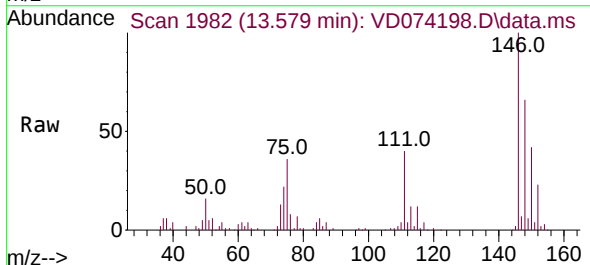
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

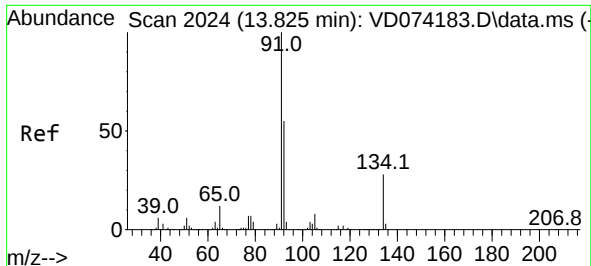
Tgt Ion:146 Resp: 85423
Ion Ratio Lower Upper
146 100
111 40.4 20.4 61.3
148 62.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 20.668 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.001 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion:146 Resp: 82250
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.9
148 64.2 31.7 95.1





#89

n-Butylbenzene

Concen: 20.475 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.001 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS02

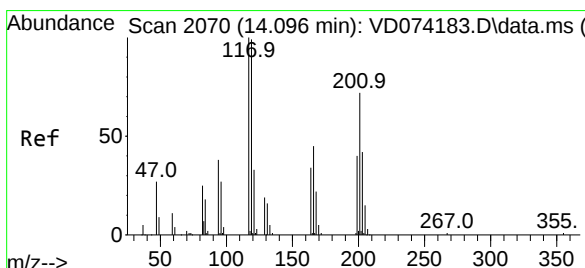
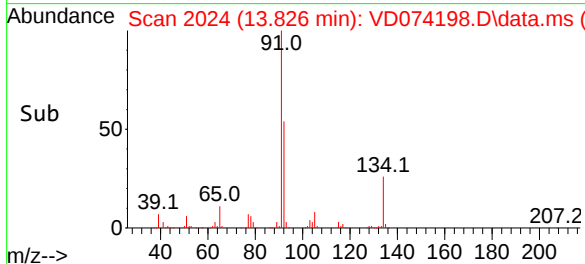
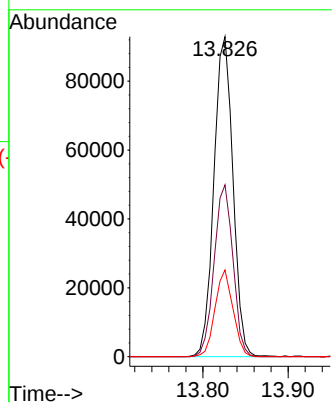
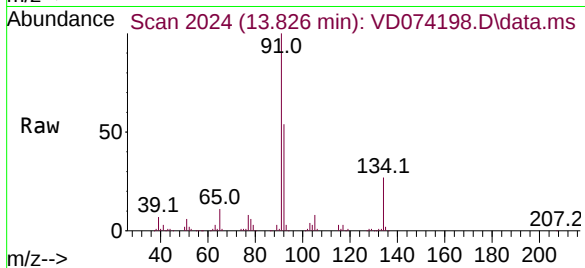
Tgt Ion: 91 Resp: 144363

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.8

134 25.5 12.3 36.9



#90

Hexachloroethane

Concen: 20.514 ug/l

RT: 14.091 min Scan# 2069

Delta R.T. -0.005 min

Lab File: VD074198.D

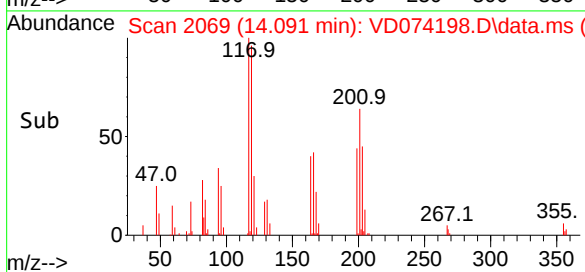
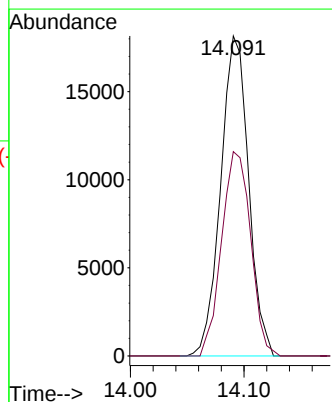
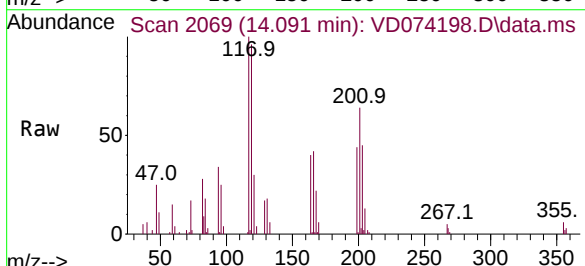
Acq: 23 Aug 2022 22:37

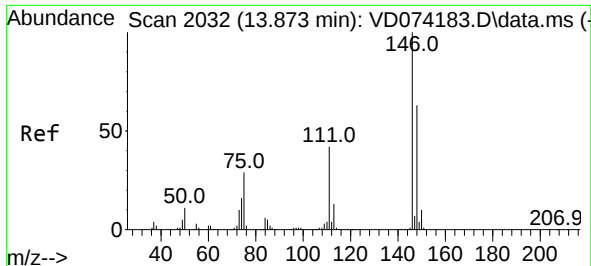
Tgt Ion: 117 Resp: 30960

Ion Ratio Lower Upper

117 100

201 66.6 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 21.179 ug/l

RT: 13.867 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBS02

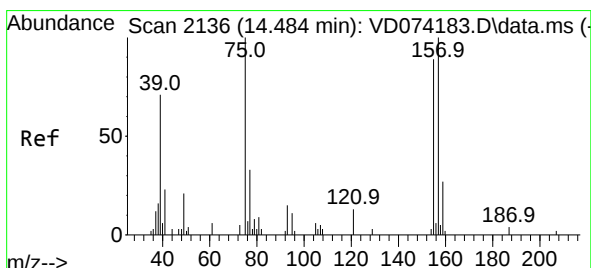
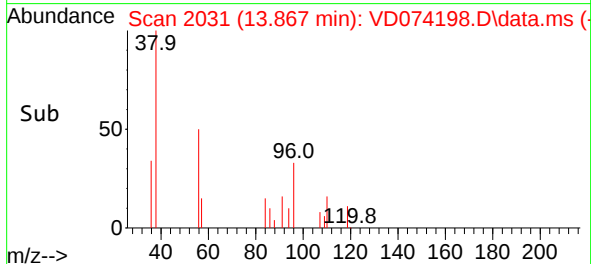
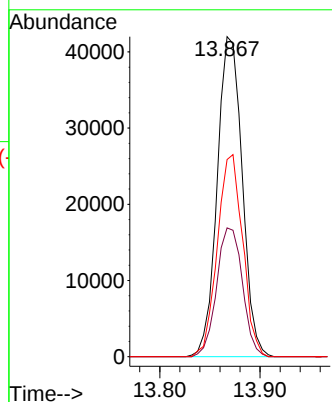
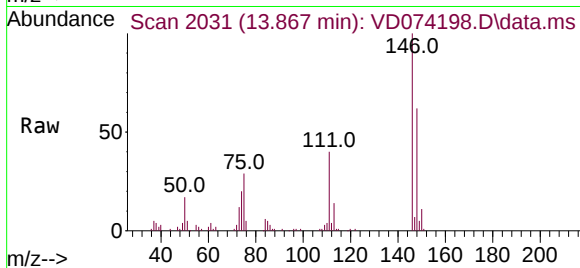
Tgt Ion:146 Resp: 72737

Ion Ratio Lower Upper

146 100

111 41.5 21.1 63.3

148 63.9 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.873 ug/l

RT: 14.485 min Scan# 2136

Delta R.T. 0.001 min

Lab File: VD074198.D

Acq: 23 Aug 2022 22:37

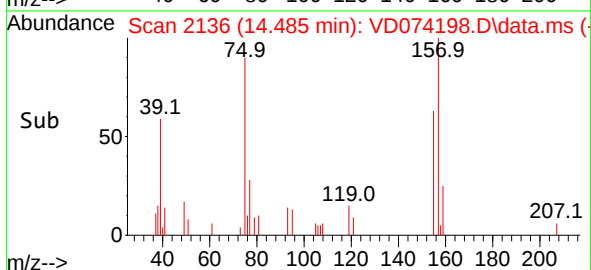
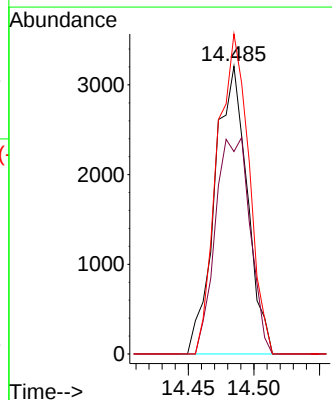
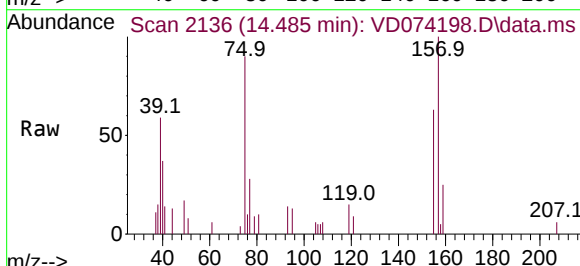
Tgt Ion: 75 Resp: 5512

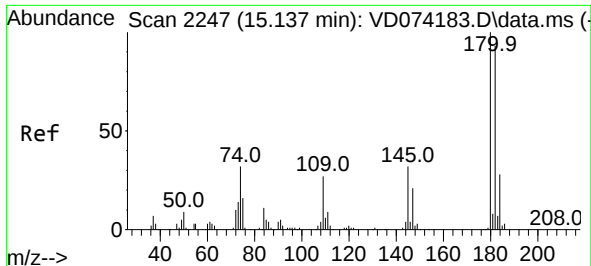
Ion Ratio Lower Upper

75 100

155 80.6 36.8 110.3

157 108.9 48.4 145.0

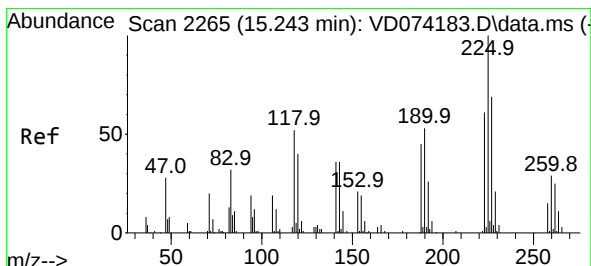
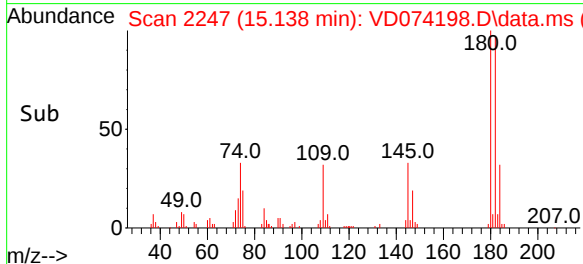
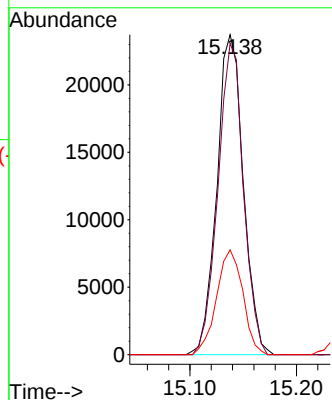
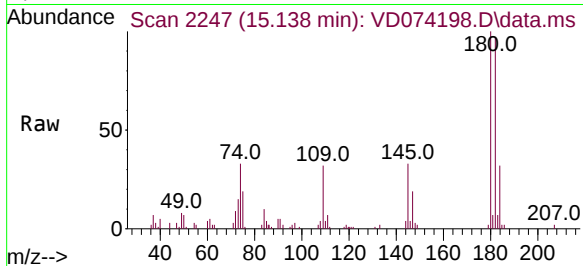




#93
 1,2,4-Trichlorobenzene
 Concen: 19.480 ug/l
 RT: 15.138 min Scan# 2247
 Delta R.T. 0.001 min
 Lab File: VD074198.D
 Acq: 23 Aug 2022 22:37

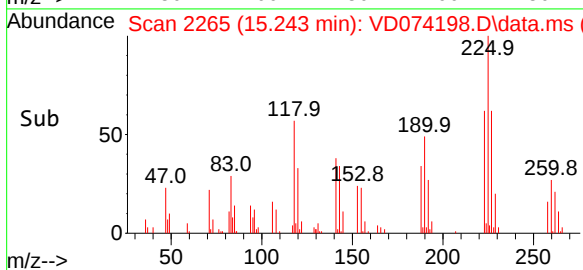
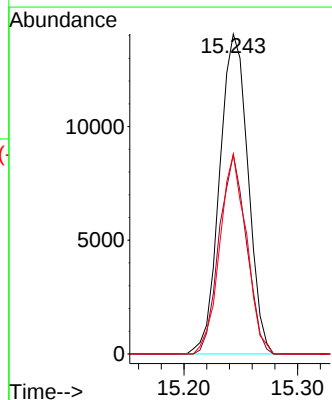
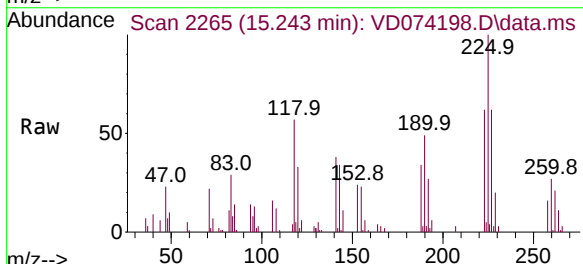
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS02

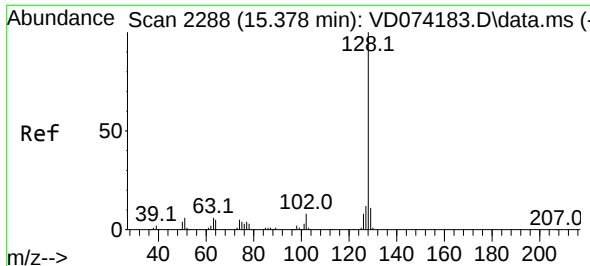
Tgt Ion:180 Resp: 40832
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.3 142.0
 145 32.6 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 20.748 ug/l
 RT: 15.243 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: VD074198.D
 Acq: 23 Aug 2022 22:37

Tgt Ion:225 Resp: 24406
 Ion Ratio Lower Upper
 225 100
 223 59.7 31.1 93.2
 227 58.7 32.4 97.0

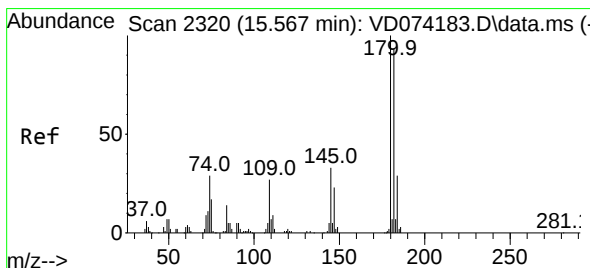
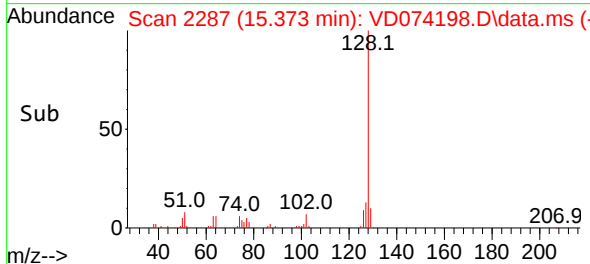
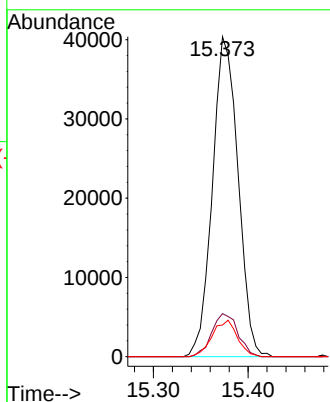
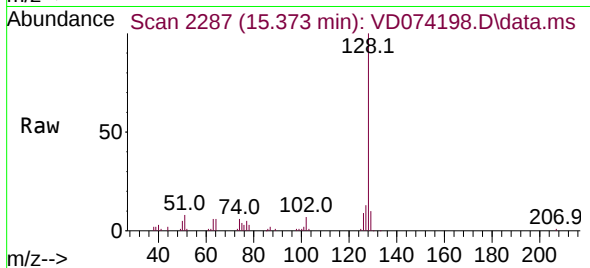




#95
Naphthalene
Concen: 20.080 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

Tgt Ion:128	Resp:	75874
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.3 15.5
129	11.2	8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.293 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. 0.000 min
Lab File: VD074198.D
Acq: 23 Aug 2022 22:37

Tgt Ion:180	Resp:	35269
Ion Ratio	Lower	Upper
180	100	
182	93.7	47.6 142.9
145	35.8	17.1 51.3

