

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074153.D
 Acq On : 19 Aug 2022 17:27
 Operator : VA/SY
 Sample : VD0819SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS02

Quant Time: Aug 20 01:26:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	173959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	291528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	269366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	129418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	59113	45.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.220%
35) Dibromofluoromethane	7.909	113	72080	50.482	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.960%
50) Toluene-d8	10.332	98	187868	46.689	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.380%
62) 4-Bromofluorobenzene	12.614	95	99602	45.659	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	43766	23.992	ug/l	100
3) Chloromethane	2.209	50	27971	17.868	ug/l	97
4) Vinyl Chloride	2.344	62	26845	18.203	ug/l	97
5) Bromomethane	2.756	94	14959	17.002	ug/l	90
6) Chloroethane	2.909	64	16585	18.502	ug/l	89
7) Trichlorofluoromethane	3.256	101	71453	21.214	ug/l	97
8) Diethyl Ether	3.703	74	16843	17.919	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.085	101	42123	21.228	ug/l	93
10) Methyl Iodide	4.291	142	43713	19.258	ug/l	100
11) Tert butyl alcohol	5.232	59	15197	110.821	ug/l #	94
12) 1,1-Dichloroethene	4.056	96	36808	19.684	ug/l	91
13) Acrolein	3.915	56	15788	101.382	ug/l	98
14) Allyl chloride	4.703	41	57447	18.669	ug/l	92
15) Acrylonitrile	5.420	53	42999	94.718	ug/l	98
16) Acetone	4.156	43	35055	93.535	ug/l #	82
17) Carbon Disulfide	4.397	76	118112	18.805	ug/l	97
18) Methyl Acetate	4.709	43	21861	18.668	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	81696	18.858	ug/l	98
20) Methylene Chloride	4.956	84	67430	19.630	ug/l	91
21) trans-1,2-Dichloroethene	5.462	96	43538	20.089	ug/l	84
22) Diisopropyl ether	6.362	45	115890	18.974	ug/l #	93
23) Vinyl Acetate	6.297	43	298549	91.905	ug/l #	93
24) 1,1-Dichloroethane	6.256	63	74499	19.269	ug/l	97
25) 2-Butanone	7.203	43	57290	93.682	ug/l	95
26) 2,2-Dichloropropane	7.197	77	69662	20.994	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	45279	19.494	ug/l	96
28) Bromochloromethane	7.538	49	24651	20.022	ug/l #	83
29) Tetrahydrofuran	7.556	42	34564	93.194	ug/l	95
30) Chloroform	7.703	83	79653	19.971	ug/l	98
31) Cyclohexane	7.973	56	70154	19.043	ug/l #	90
32) 1,1,1-Trichloroethane	7.897	97	73445	20.695	ug/l	97
36) 1,1-Dichloropropene	8.103	75	60717	20.347	ug/l	97
37) Ethyl Acetate	7.285	43	23768	17.774	ug/l #	95
38) Carbon Tetrachloride	8.091	117	61226	20.747	ug/l	97
39) Methylcyclohexane	9.344	83	69034	19.848	ug/l	99
40) Benzene	8.338	78	172437	20.927	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	13923	20.233	ug/l	92
42) 1,2-Dichloroethane	8.414	62	49899	20.361	ug/l	97
43) Isopropyl Acetate	8.444	43	48199	19.463	ug/l	94
44) Trichloroethene	9.103	130	46532	20.911	ug/l	87
45) 1,2-Dichloropropane	9.379	63	41606	19.929	ug/l	94
46) Dibromomethane	9.467	93	22923	19.692	ug/l	94
47) Bromodichloromethane	9.650	83	61097	20.760	ug/l #	95
48) Methyl methacrylate	9.444	41	23084	18.914	ug/l	95
49) 1,4-Dioxane	9.450	88	5266	422.012	ug/l	96
51) 4-Methyl-2-Pentanone	10.214	43	120434	94.494	ug/l	95
52) Toluene	10.391	92	104676	20.584	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	52970	19.808	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	63380	19.857	ug/l	88
55) 1,1,2-Trichloroethane	10.791	97	31866	20.792	ug/l	93
56) Ethyl methacrylate	10.650	69	35401	18.892	ug/l	88
57) 1,3-Dichloropropane	10.932	76	52367	19.299	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	60712	110.534	ug/l	91
59) 2-Hexanone	10.973	43	80732	94.971	ug/l	97
60) Dibromochloromethane	11.126	129	39592	20.514	ug/l	98
61) 1,2-Dibromoethane	11.238	107	30235	20.304	ug/l	96
64) Tetrachloroethene	10.867	164	39232	21.457	ug/l	97
65) Chlorobenzene	11.655	112	112820	20.591	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.726	131	43074	21.734	ug/l	97
67) Ethyl Benzene	11.732	91	199296	20.596	ug/l	99
68) m/p-Xylenes	11.838	106	157685	42.397	ug/l	97
69) o-Xylene	12.167	106	71588	20.593	ug/l	96
70) Styrene	12.179	104	123214	20.749	ug/l	97
71) Bromoform	12.344	173	23541	22.213	ug/l #	98
73) Isopropylbenzene	12.461	105	186820	19.821	ug/l	97
74) N-amyl acetate	12.273	43	43499	18.387	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	36554	20.258	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	44725	33.371	ug/l #	100
77) Bromobenzene	12.744	156	43473	20.117	ug/l	94
78) n-propylbenzene	12.802	91	240523	20.584	ug/l	99
79) 2-Chlorotoluene	12.891	91	138160	20.601	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	165059	20.945	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	10313	20.136	ug/l #	80
82) 4-Chlorotoluene	12.991	91	144013	20.404	ug/l	99
83) tert-Butylbenzene	13.208	119	133969	20.104	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	160821	20.717	ug/l	98
85) sec-Butylbenzene	13.385	105	208431	20.575	ug/l	97
86) p-Isopropyltoluene	13.497	119	173937	20.682	ug/l	99
87) 1,3-Dichlorobenzene	13.497	146	92367	21.415	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	91446	21.232	ug/l	100
89) n-Butylbenzene	13.826	91	162049	19.758	ug/l	99
90) Hexachloroethane	14.091	117	34120	20.758	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	79158	20.765	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5977	19.301	ug/l	91
93) 1,2,4-Trichlorobenzene	15.138	180	44184	19.825	ug/l	97
94) Hexachlorobutadiene	15.243	225	24859	21.029	ug/l	97
95) Naphthalene	15.373	128	82764	18.335	ug/l	98
96) 1,2,3-Trichlorobenzene	15.567	180	38958	19.821	ug/l	99

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QLast Update : Fri Aug 19 09:25:06 2022
Response via : Initial Calibration

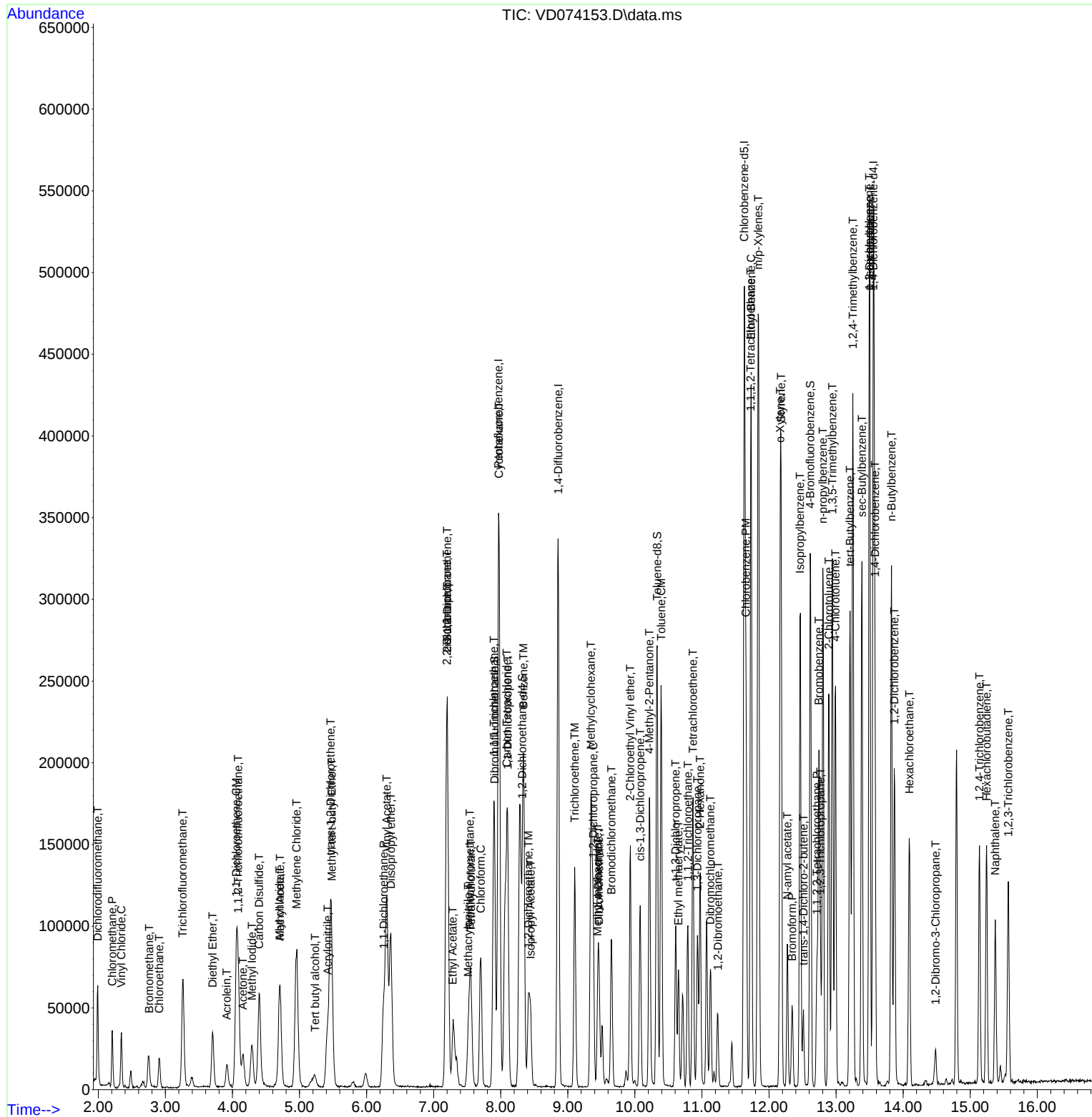
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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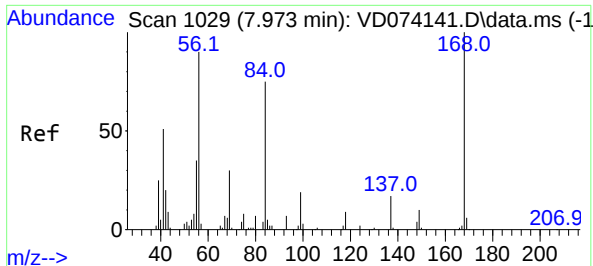
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.967 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD074153.D

Acq: 19 Aug 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

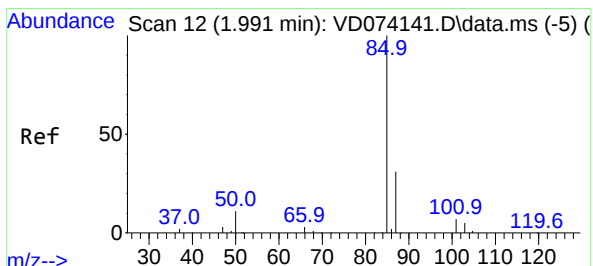
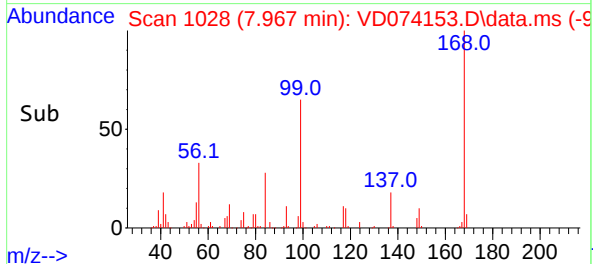
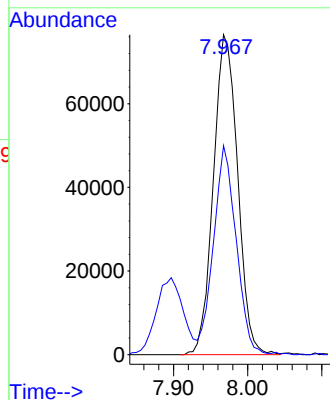
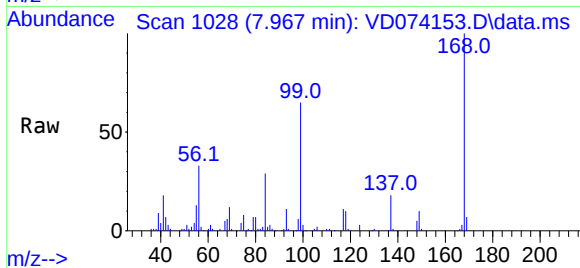
VD0819SBSD02

Tgt Ion:168 Resp: 173959

Ion Ratio Lower Upper

168 100

99 65.1 49.8 74.6



Dichlorodifluoromethane

Concen: 23.992 ug/l

RT: 1.991 min Scan# 12

Delta R.T. 0.000 min

Lab File: VD074153.D

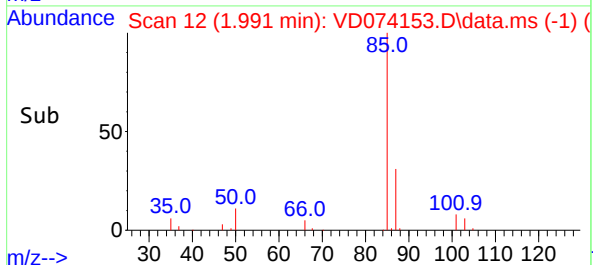
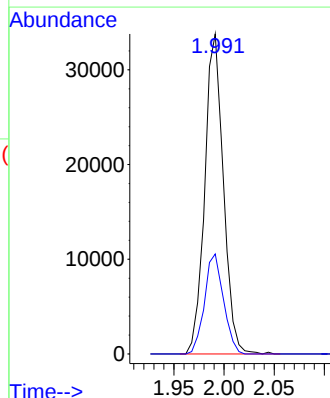
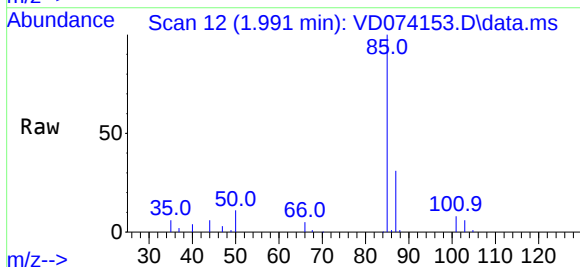
Acq: 19 Aug 2022 17:27

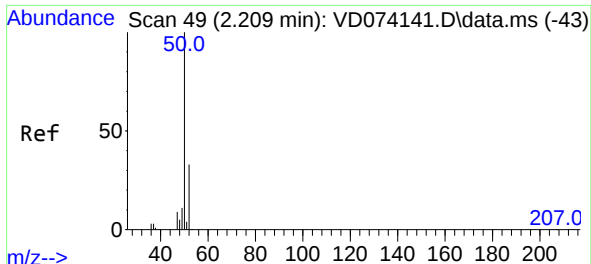
Tgt Ion: 85 Resp: 43766

Ion Ratio Lower Upper

85 100

87 31.3 15.7 47.0

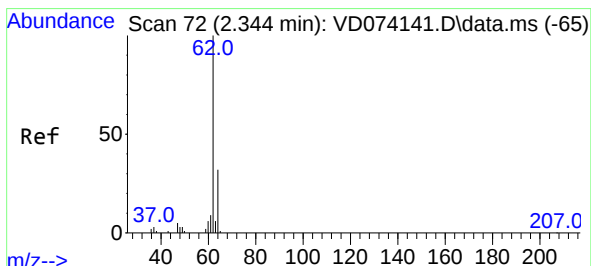
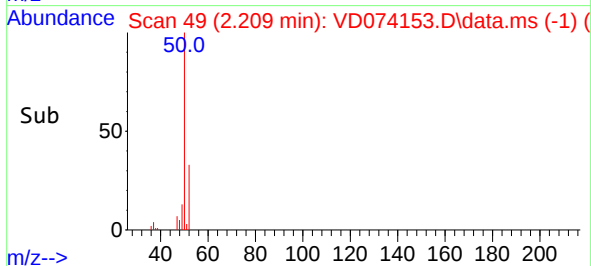
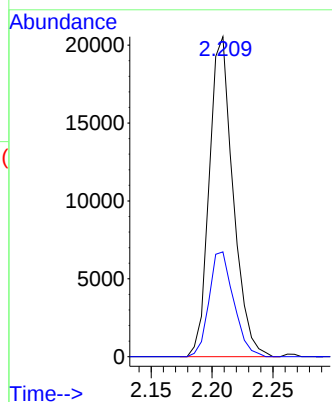
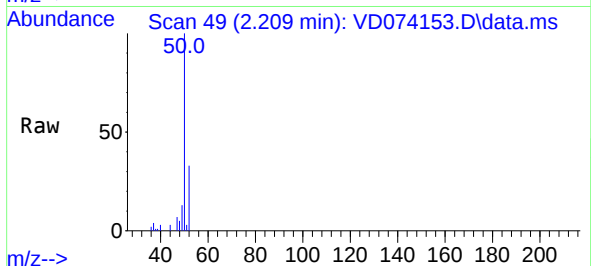




#3
Chloromethane
Concen: 17.868 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD074153.D
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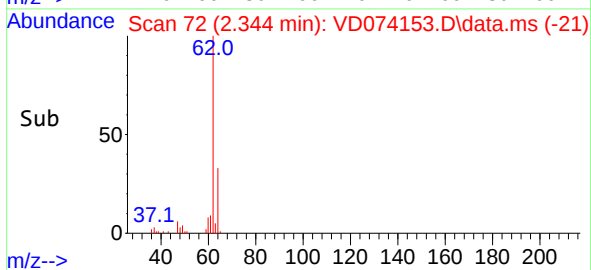
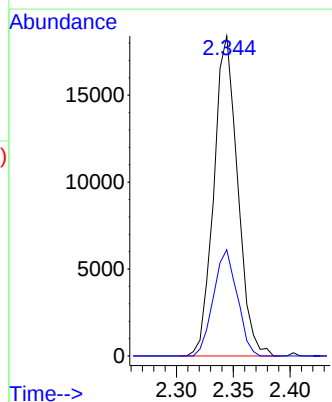
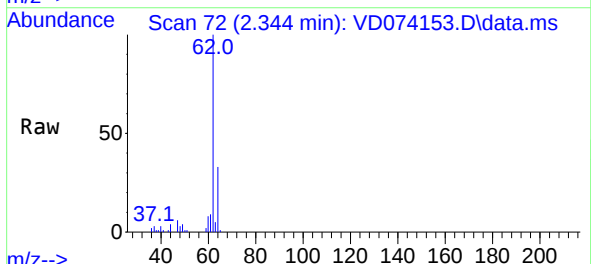
Instrument :
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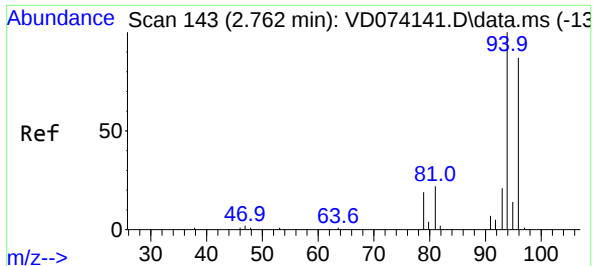
Tgt Ion: 50 Resp: 27971
Ion Ratio Lower Upper
50 100
52 32.7 27.4 41.0



#4
Vinyl Chloride
Concen: 18.203 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 62 Resp: 26845
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0

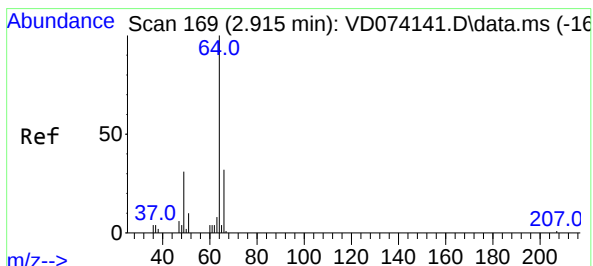
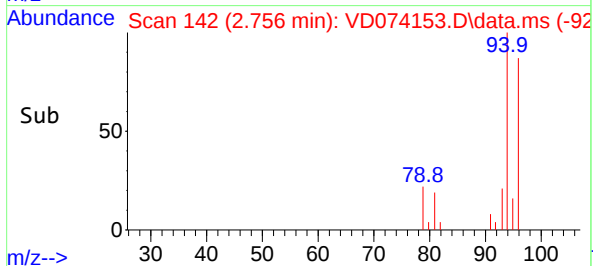
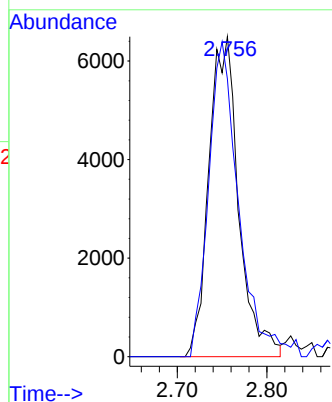
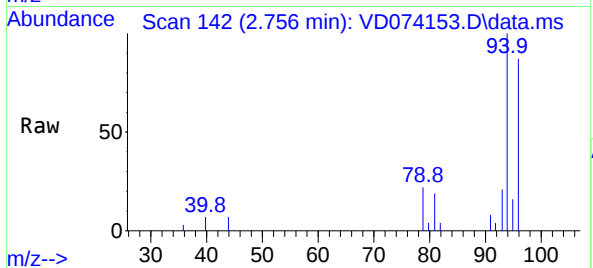




#5
Bromomethane
Concen: 17.002 ug/l
RT: 2.756 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD074153.D
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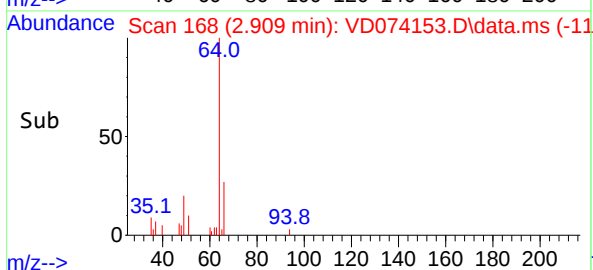
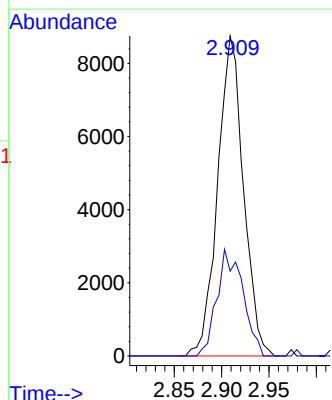
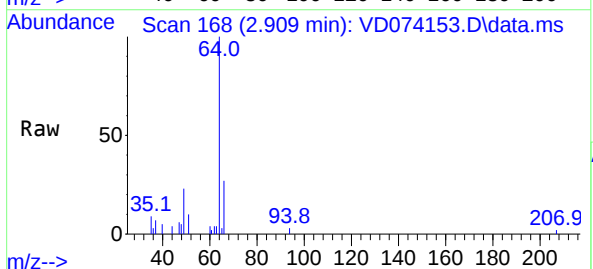
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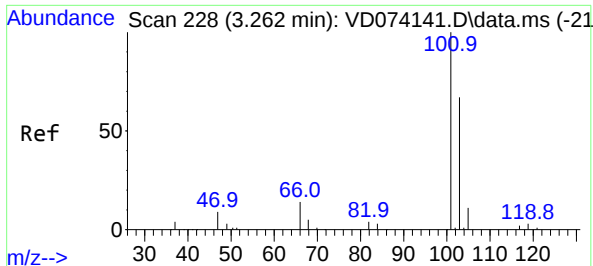
Tgt Ion: 94 Resp: 14959
Ion Ratio Lower Upper
94 100
96 86.8 77.6 116.4



#6
Chloroethane
Concen: 18.502 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 64 Resp: 16585
Ion Ratio Lower Upper
64 100
66 26.5 25.9 38.9

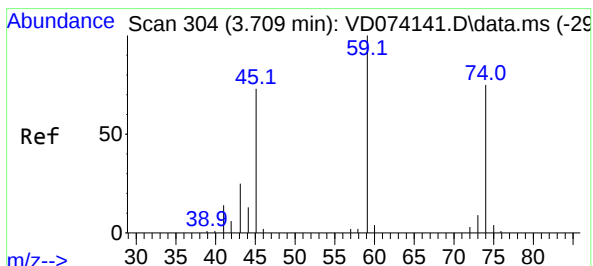
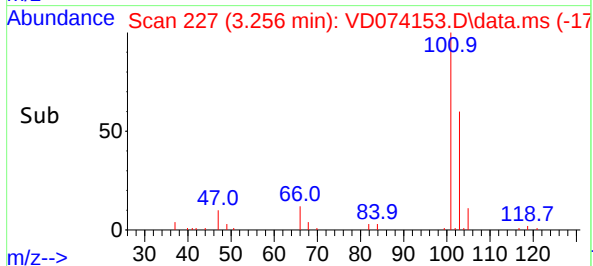
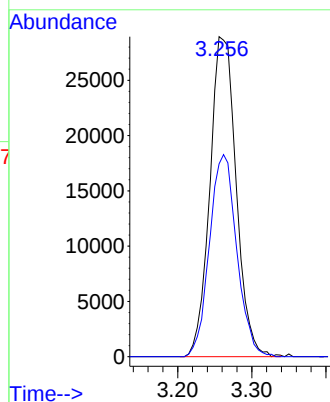
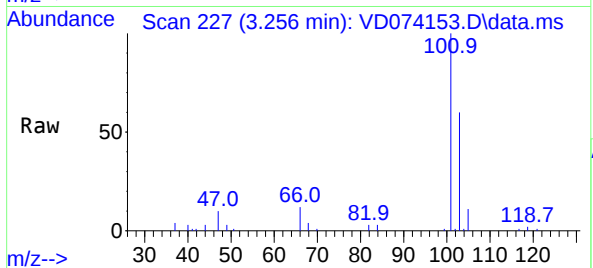




#7
Trichlorofluoromethane
Concen: 21.214 ug/l
RT: 3.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

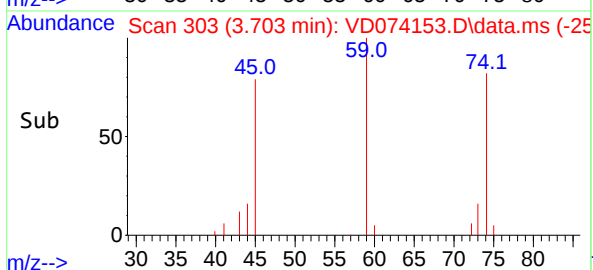
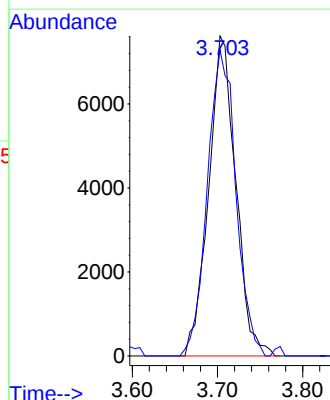
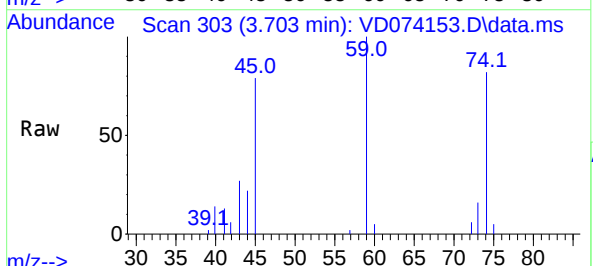
Instrument :
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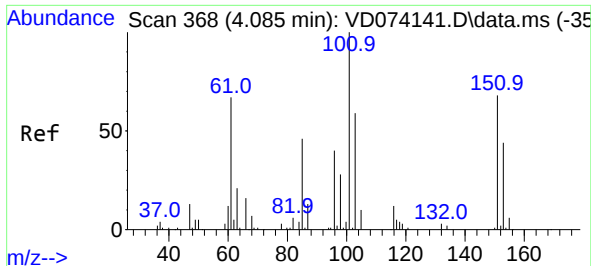
Tgt Ion:101 Resp: 71453
Ion Ratio Lower Upper
101 100
103 60.3 50.1 75.1



#8
Diethyl Ether
Concen: 17.919 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 74 Resp: 16843
Ion Ratio Lower Upper
74 100
45 100.7 52.6 157.8

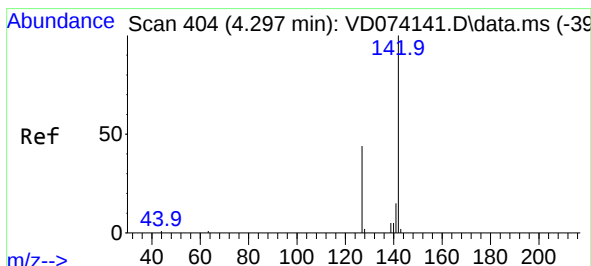
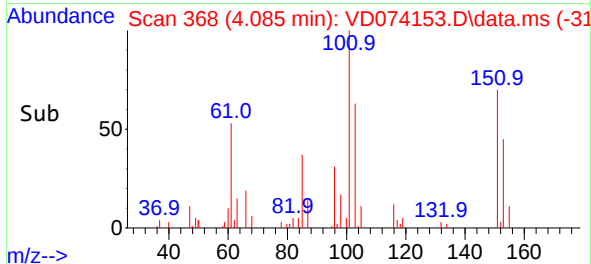
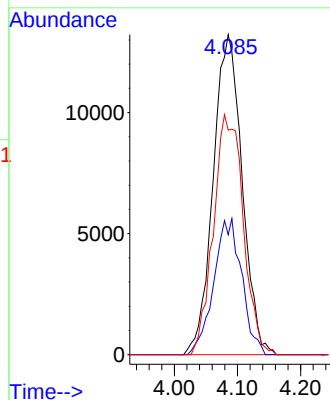
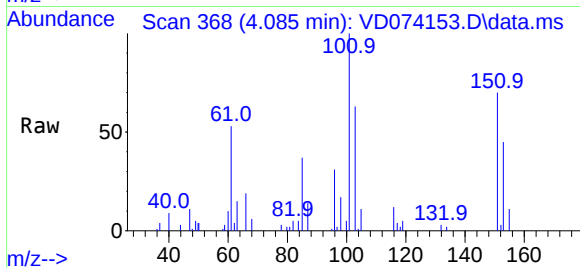




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.228 ug/l
RT: 4.085 min Scan# 30
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

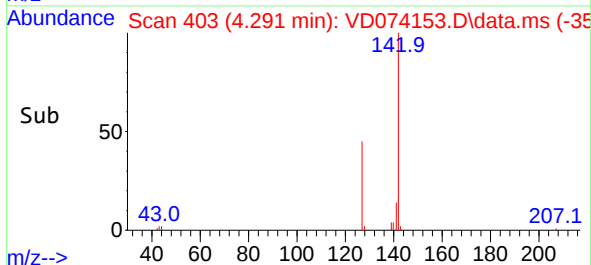
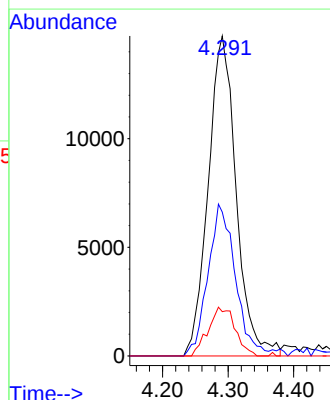
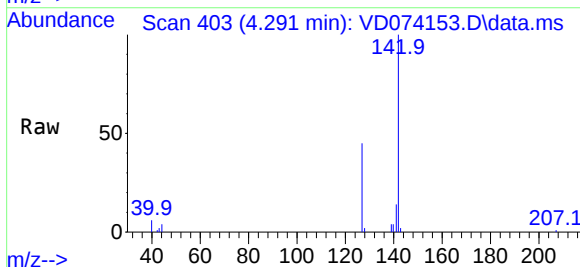
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

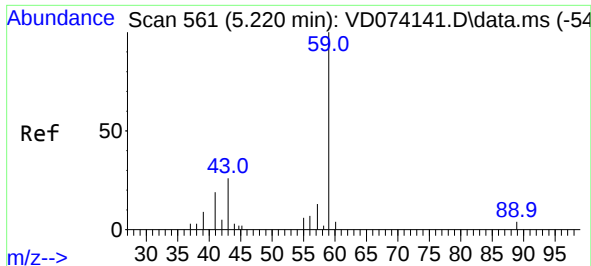
Tgt Ion:101 Resp: 42123
Ion Ratio Lower Upper
101 100
85 40.9 36.4 54.6
151 77.0 57.3 85.9



#10
Methyl Iodide
Concen: 19.258 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion:142 Resp: 43713
Ion Ratio Lower Upper
142 100
127 46.2 37.3 55.9
141 14.6 11.7 17.5

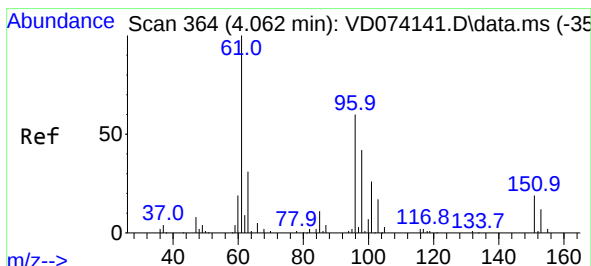
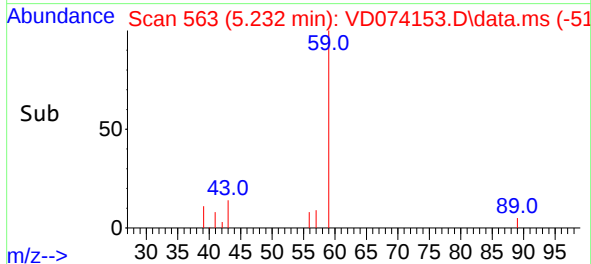
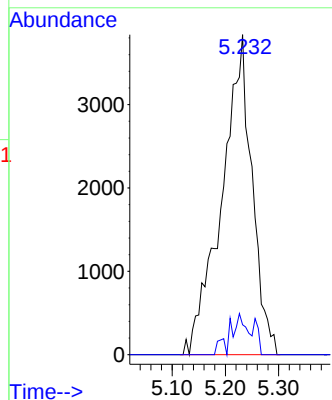
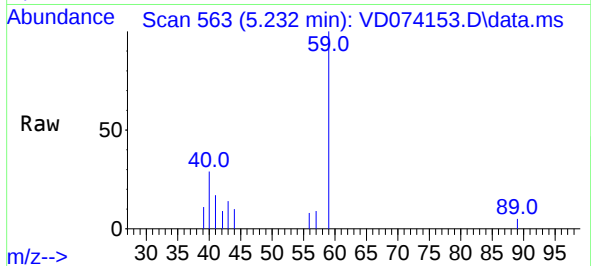




#11
Tert butyl alcohol
Concen: 110.821 ug/l
RT: 5.232 min Scan# 50
Delta R.T. 0.012 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

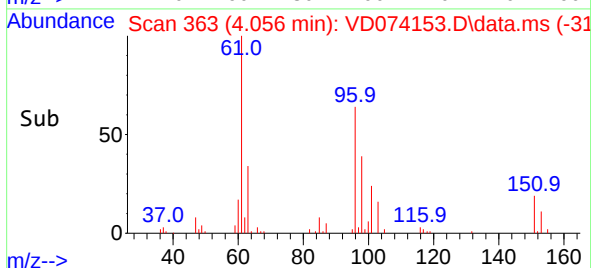
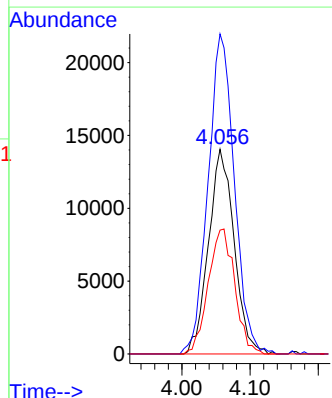
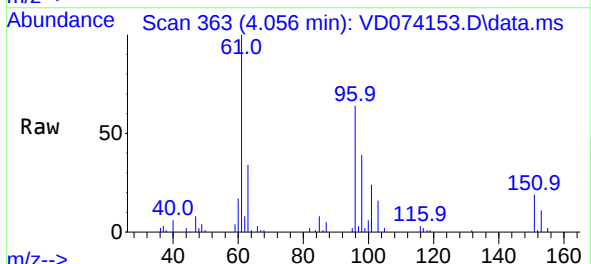
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

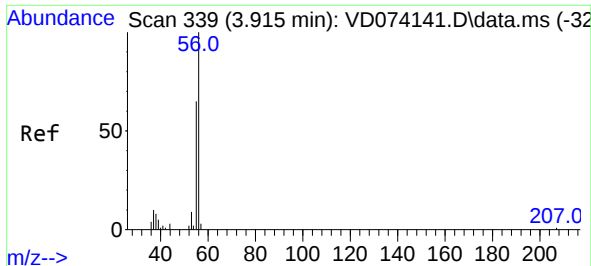
Tgt Ion: 59 Resp: 15197
Ion Ratio Lower Upper
59 100
57 7.4 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 19.684 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 96 Resp: 36808
Ion Ratio Lower Upper
96 100
61 156.4 138.5 207.7
98 60.5 48.6 73.0

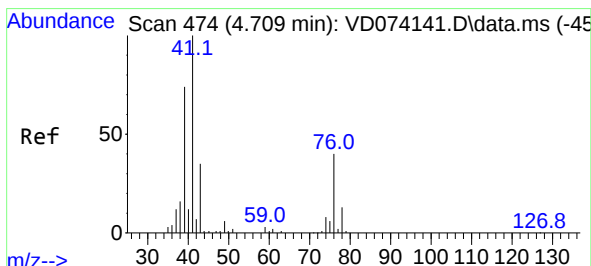
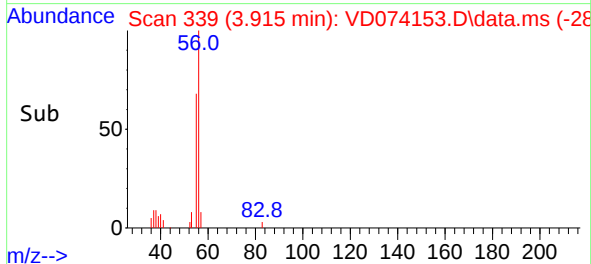
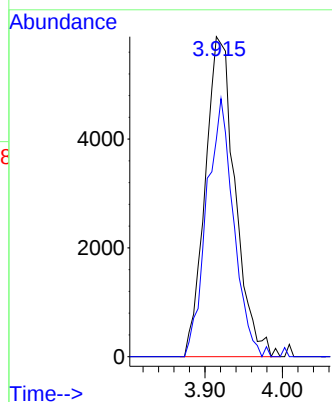
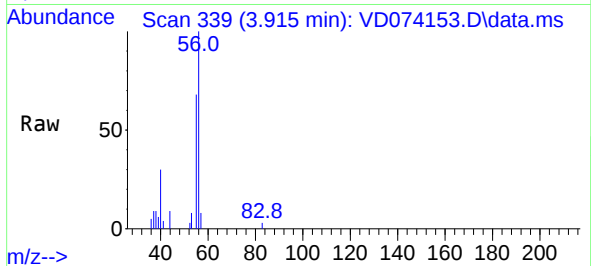




#13
Acrolein
Concen: 101.382 ug/l
RT: 3.915 min Scan# 311
Delta R.T. -0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

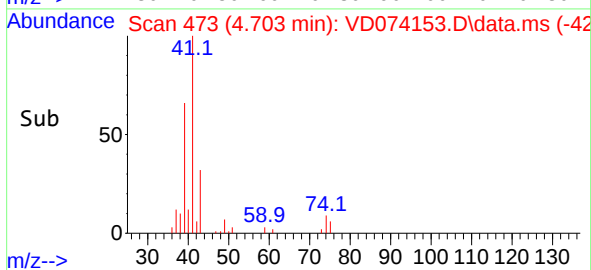
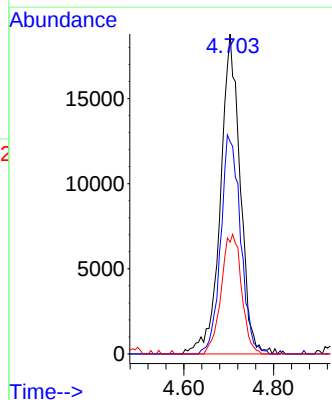
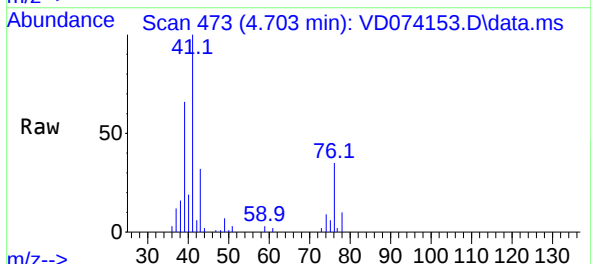
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

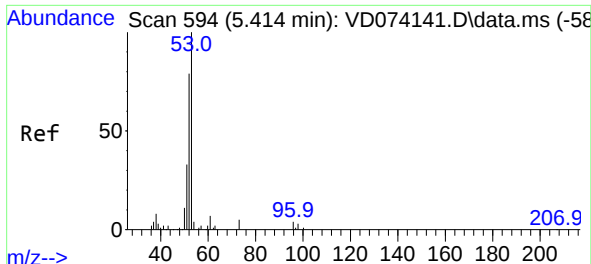
Tgt Ion: 56 Resp: 15788
Ion Ratio Lower Upper
56 100
55 72.8 57.1 85.7



#14
Allyl chloride
Concen: 18.669 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 41 Resp: 57447
Ion Ratio Lower Upper
41 100
39 68.9 59.3 88.9
76 38.4 25.7 38.5

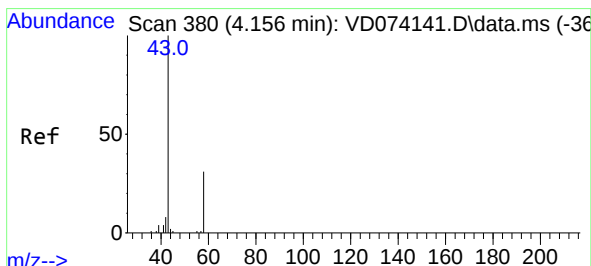
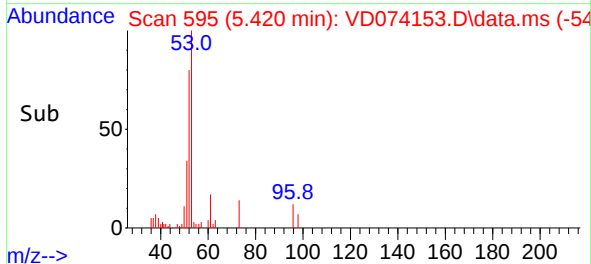
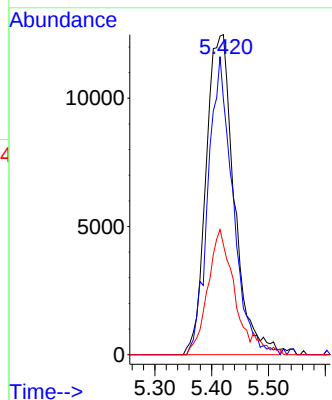
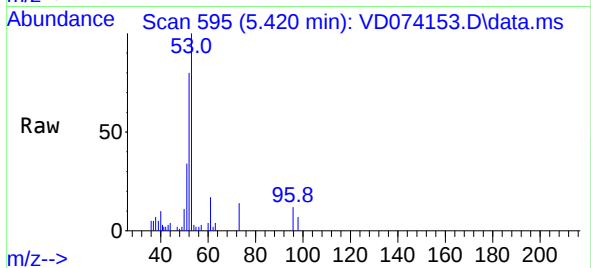




#15
Acrylonitrile
Concen: 94.718 ug/l
RT: 5.420 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

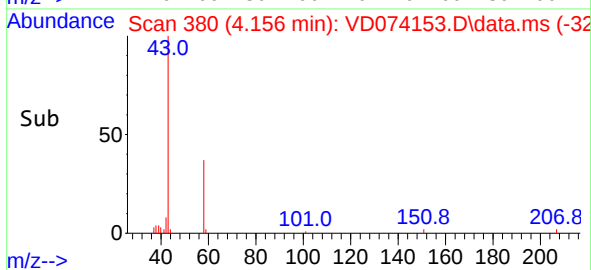
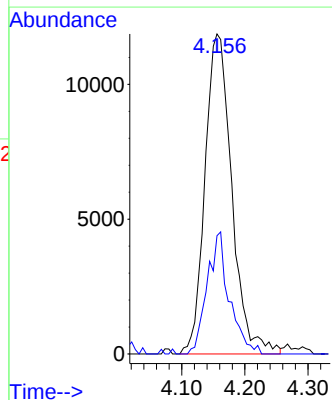
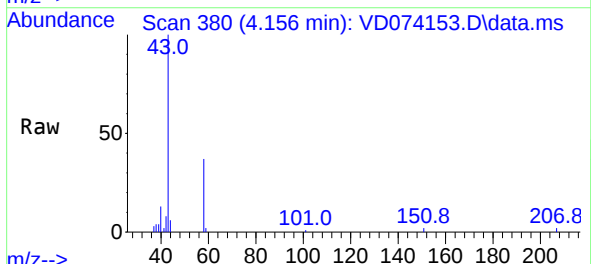
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

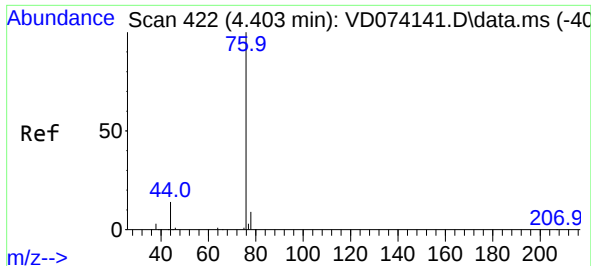
Tgt Ion: 53 Resp: 42999
Ion Ratio Lower Upper
53 100
52 81.9 67.2 100.8
51 38.0 30.3 45.5



#16
Acetone
Concen: 93.535 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 43 Resp: 35055
Ion Ratio Lower Upper
43 100
58 37.0 22.1 33.1#

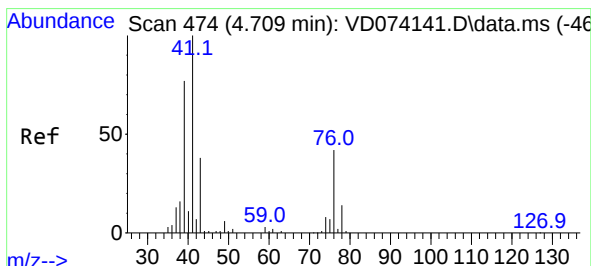
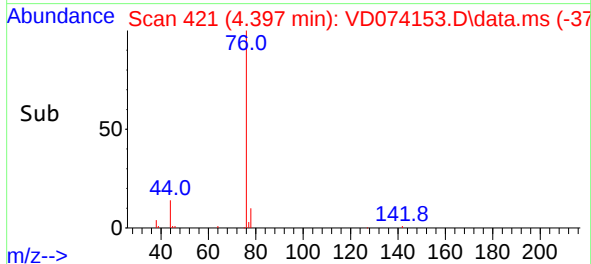
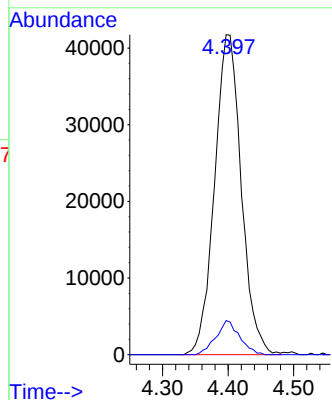
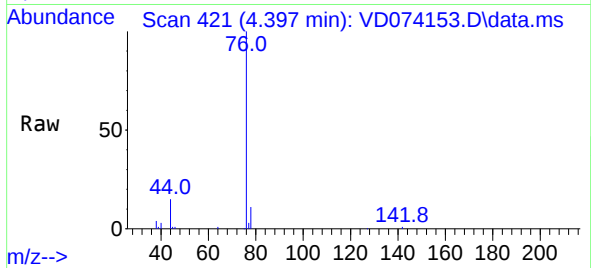




#17
Carbon Disulfide
Concen: 18.805 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

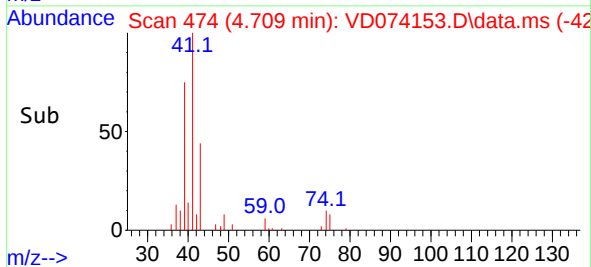
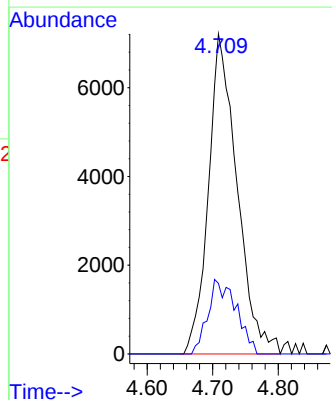
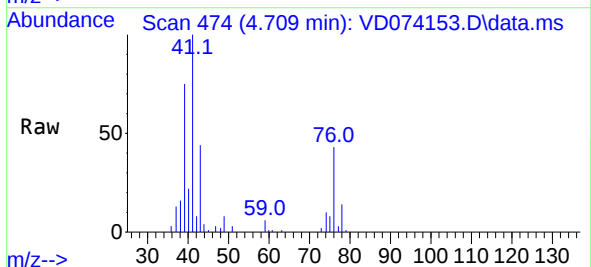
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

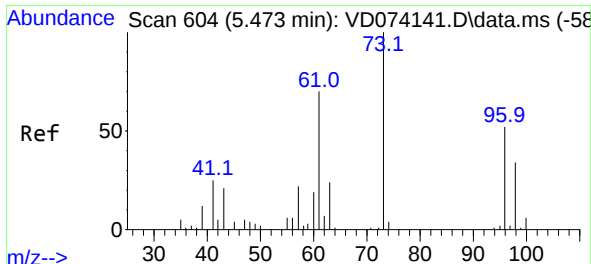
Tgt Ion: 76 Resp: 118112
Ion Ratio Lower Upper
76 100
78 10.7 7.5 11.3



#18
Methyl Acetate
Concen: 18.668 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 43 Resp: 21861
Ion Ratio Lower Upper
43 100
74 23.0 16.7 25.1

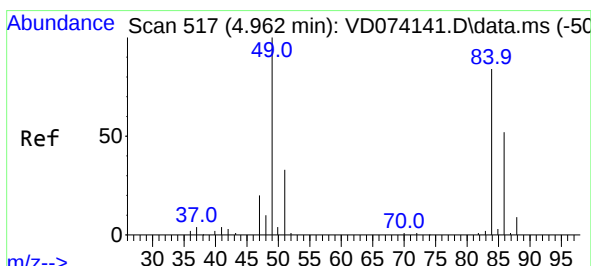
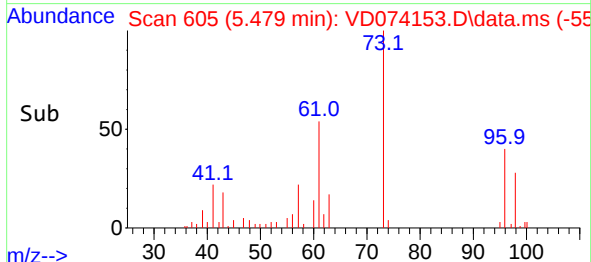
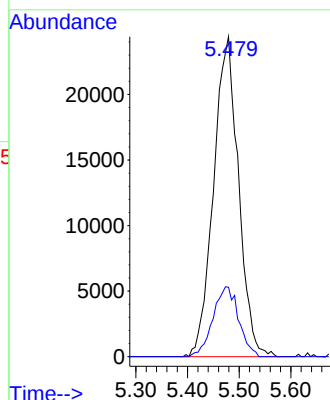
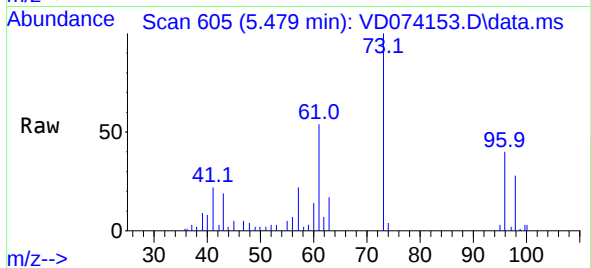




#19
Methyl tert-butyl Ether
Concen: 18.858 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

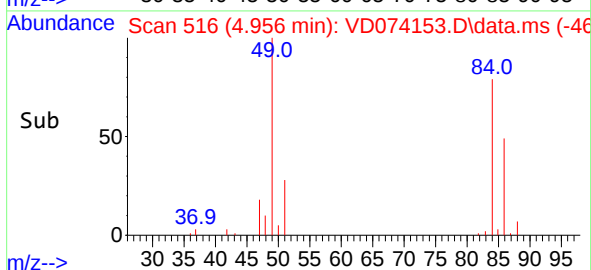
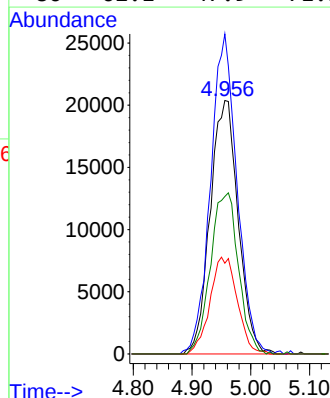
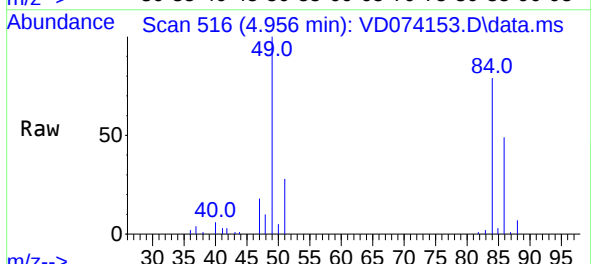
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

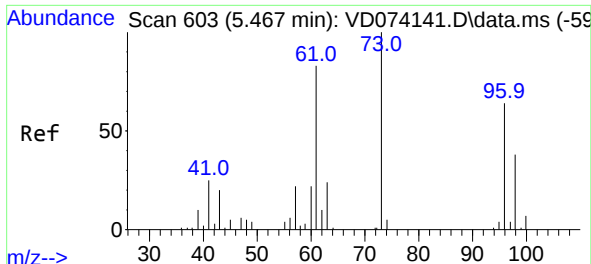
Tgt Ion: 73 Resp: 81696
Ion Ratio Lower Upper
73 100
57 21.7 18.0 27.0



#20
Methylene Chloride
Concen: 19.630 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 84 Resp: 67430
Ion Ratio Lower Upper
84 100
49 126.3 112.8 169.2
51 35.8 32.6 48.8
86 62.1 47.9 71.9

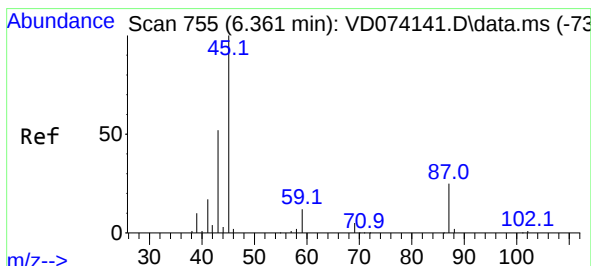
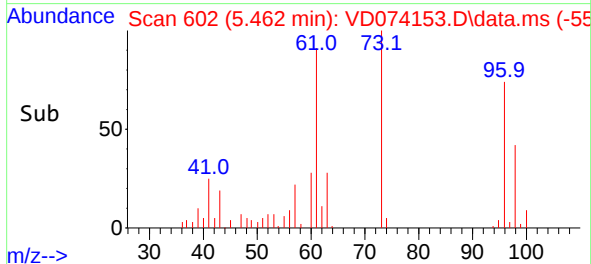
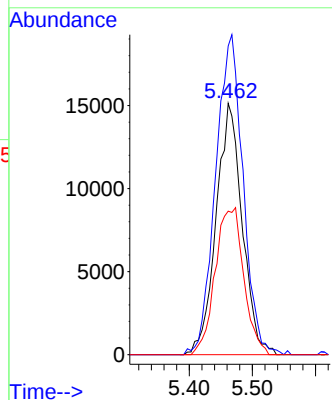
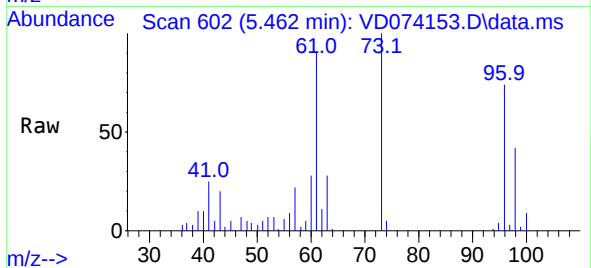




#21
trans-1,2-Dichloroethene
Concen: 20.089 ug/l
RT: 5.462 min Scan# 603
Delta R.T. -0.005 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

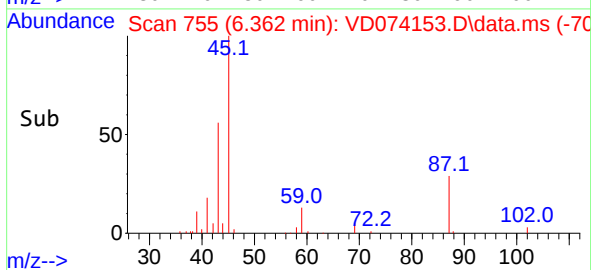
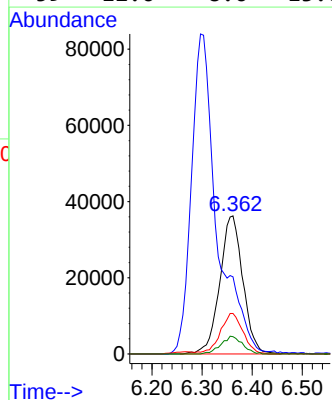
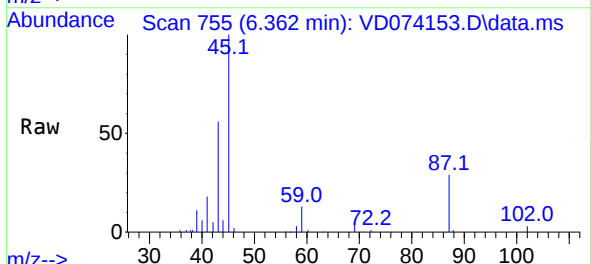
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

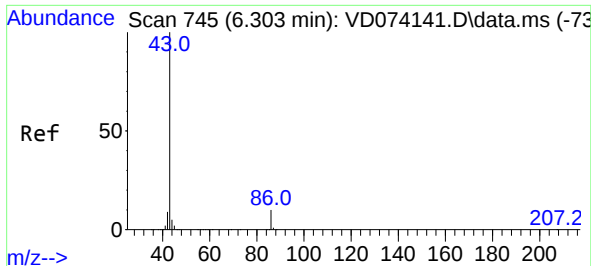
Tgt Ion: 96 Resp: 43538
Ion Ratio Lower Upper
96 100
61 122.8 117.9 176.9
98 57.1 49.4 74.2



#22
Diisopropyl ether
Concen: 18.974 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.001 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 45 Resp: 115890
Ion Ratio Lower Upper
45 100
43 54.3 46.6 70.0
87 29.4 18.4 27.6#
59 12.6 8.6 13.0

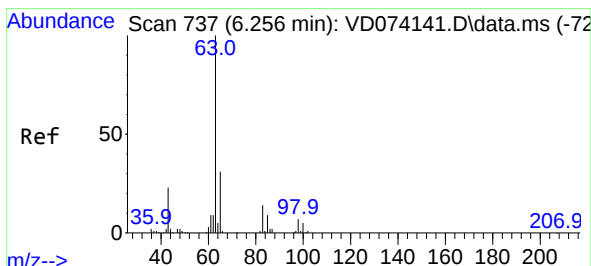
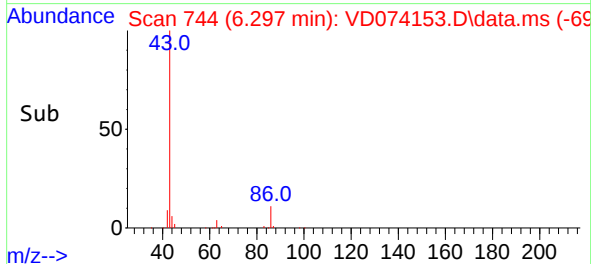
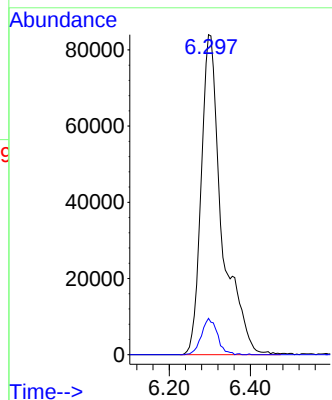
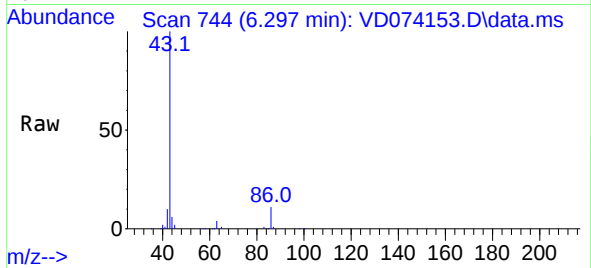




#23
 Vinyl Acetate
 Concen: 91.905 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD074153.D
 Acq: 19 Aug 2022 17:27

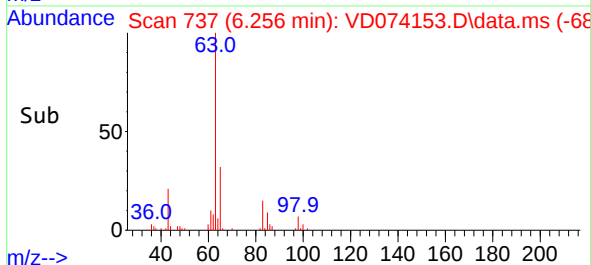
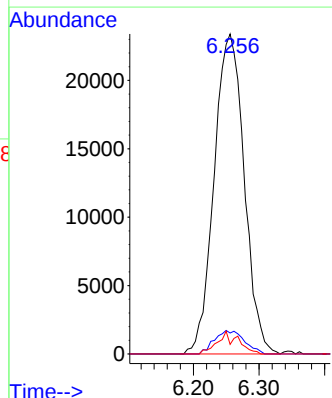
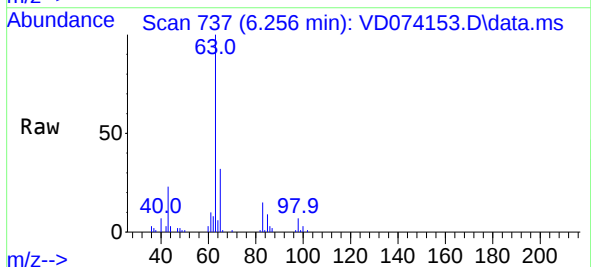
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS02

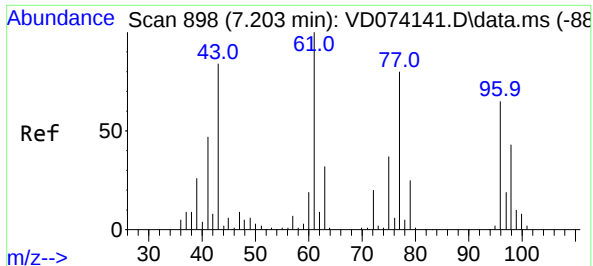
Tgt Ion: 43 Resp: 298549
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.269 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD074153.D
 Acq: 19 Aug 2022 17:27

Tgt Ion: 63 Resp: 74499
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 3.0 2.1 6.5





#25

2-Butanone

Concen: 93.682 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD074153.D

Acq: 19 Aug 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

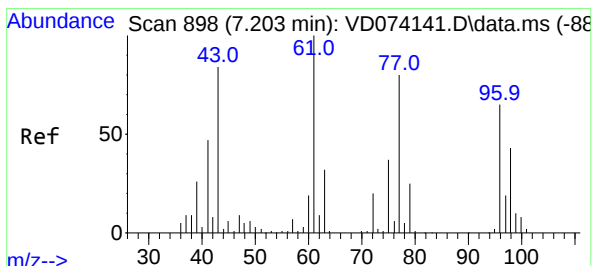
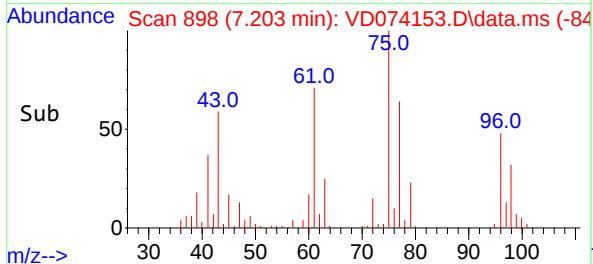
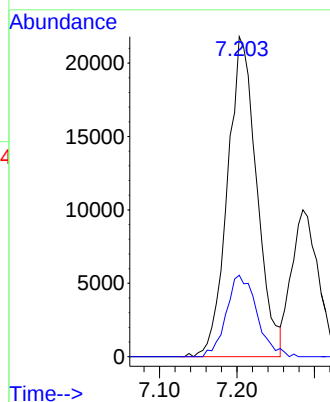
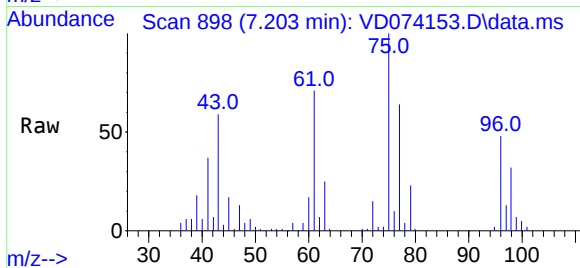
VD0819SBS02

Tgt Ion: 43 Resp: 57290

Ion Ratio Lower Upper

43 100

72 25.5 18.6 27.8



#26

2,2-Dichloropropane

Concen: 20.994 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.006 min

Lab File: VD074153.D

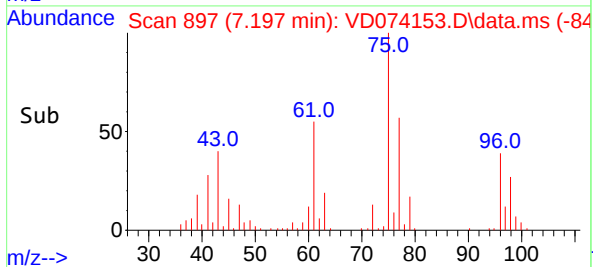
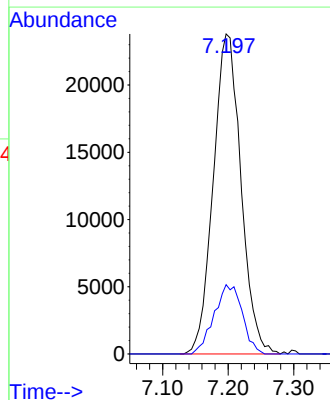
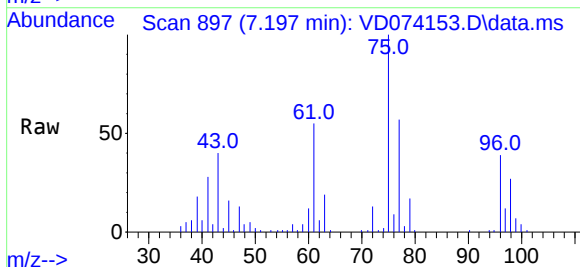
Acq: 19 Aug 2022 17:27

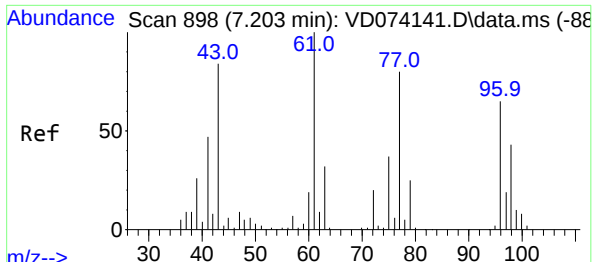
Tgt Ion: 77 Resp: 69662

Ion Ratio Lower Upper

77 100

97 22.1 10.8 32.4



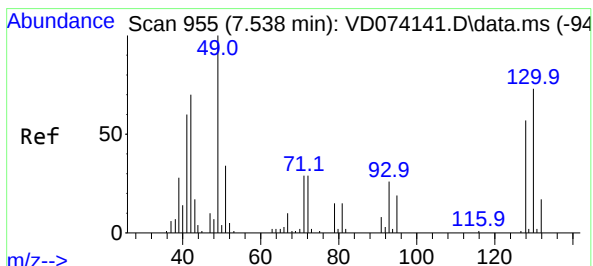
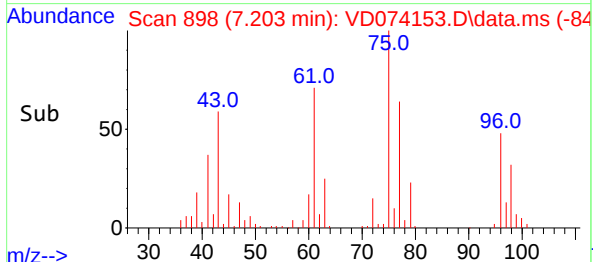
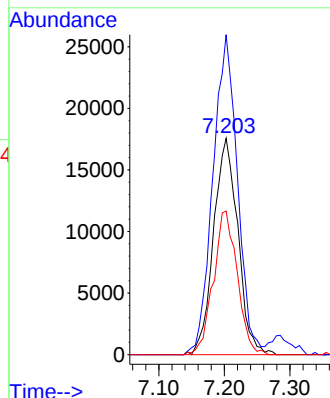
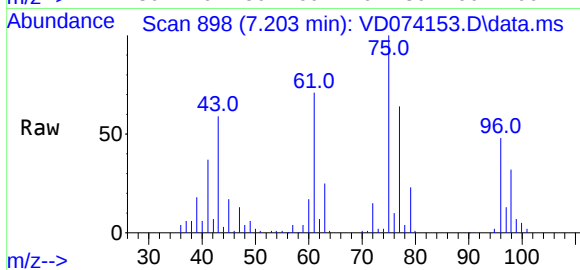


#27
 cis-1,2-Dichloroethene
 Concen: 19.494 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. -0.000 min
 Lab File: VD074153.D
 Acq: 19 Aug 2022 17:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS02

Tgt Ion: 96 Resp: 45279

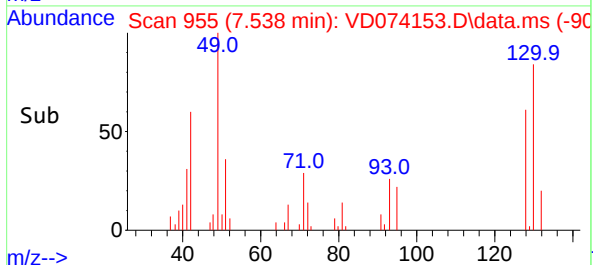
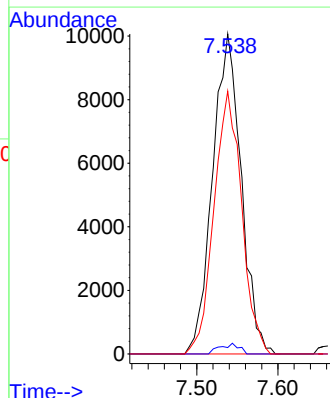
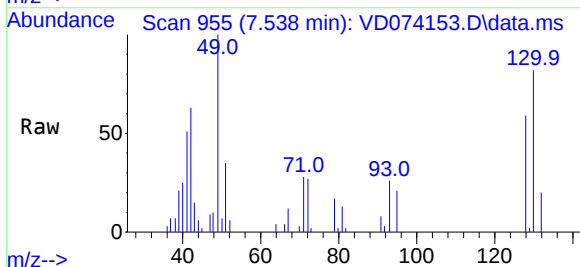
Ion	Ratio	Lower	Upper
96	100		
61	149.2	0.0	313.8
98	65.2	0.0	128.8

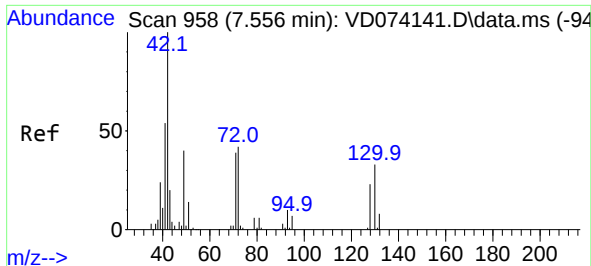


#28
 Bromochloromethane
 Concen: 20.022 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. 0.000 min
 Lab File: VD074153.D
 Acq: 19 Aug 2022 17:27

Tgt Ion: 49 Resp: 24651

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	79.4	52.6	79.0

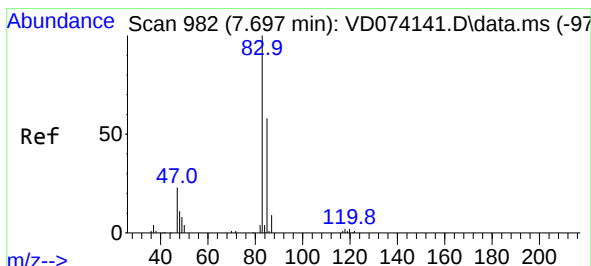
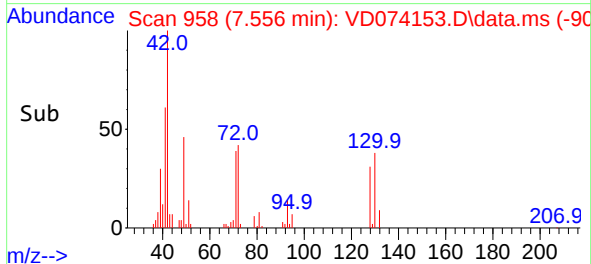
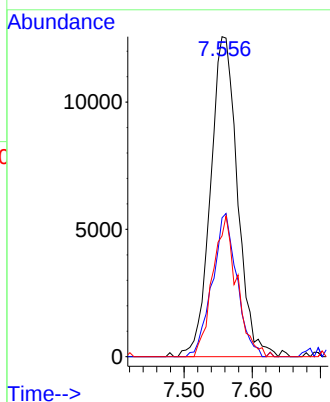
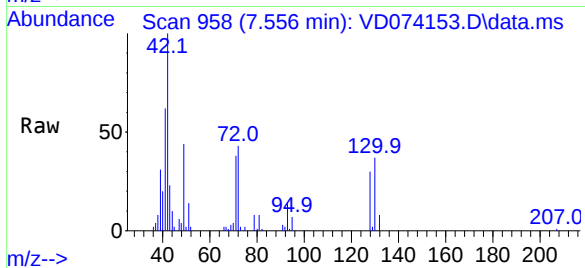




#29
Tetrahydrofuran
Concen: 93.194 ug/l
RT: 7.556 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

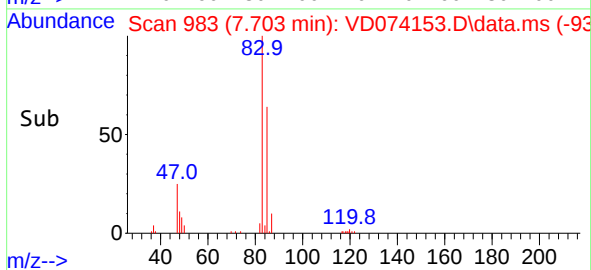
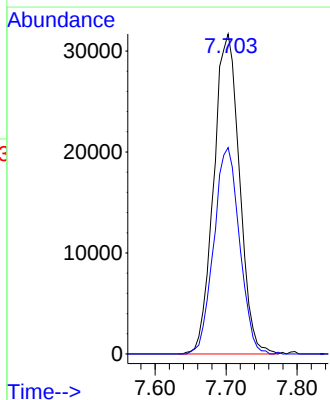
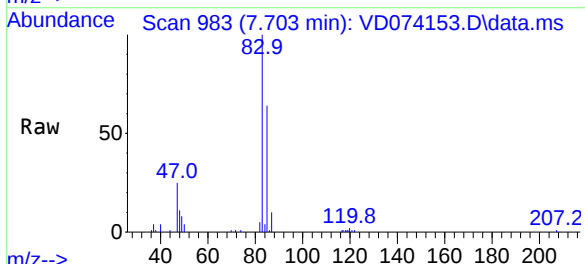
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

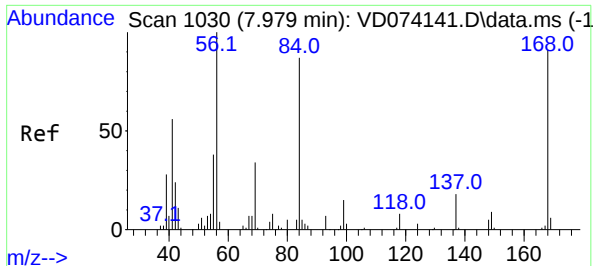
Tgt Ion: 42 Resp: 34564
Ion Ratio Lower Upper
42 100
72 40.9 30.7 46.1
71 39.7 28.6 43.0



#30
Chloroform
Concen: 19.971 ug/l
RT: 7.703 min Scan# 983
Delta R.T. 0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 83 Resp: 79653
Ion Ratio Lower Upper
83 100
85 64.5 52.7 79.1





#31

Cyclohexane

Concen: 19.043 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD074153.D

Acq: 19 Aug 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS02

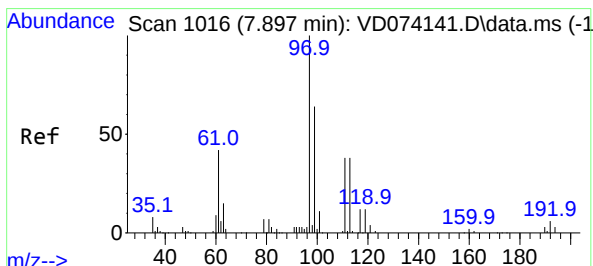
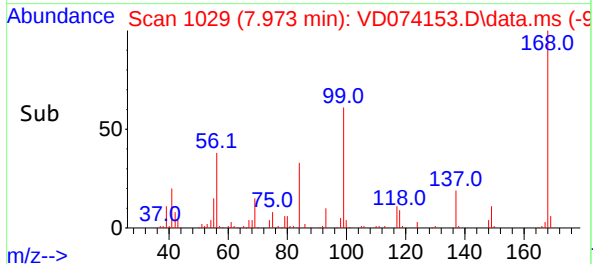
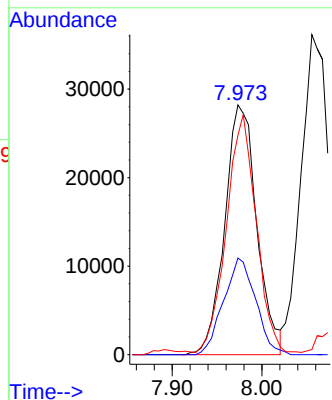
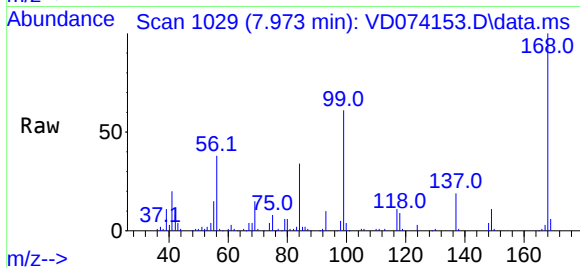
Tgt Ion: 56 Resp: 70154

Ion Ratio Lower Upper

56 100

69 38.7 25.4 38.2#

84 86.6 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 20.695 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.000 min

Lab File: VD074153.D

Acq: 19 Aug 2022 17:27

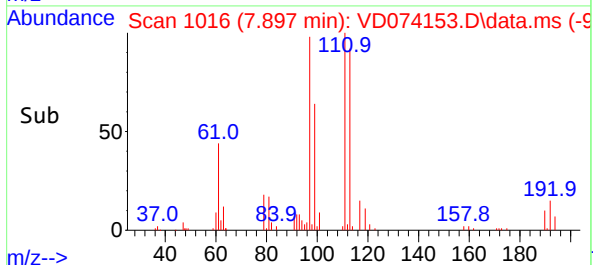
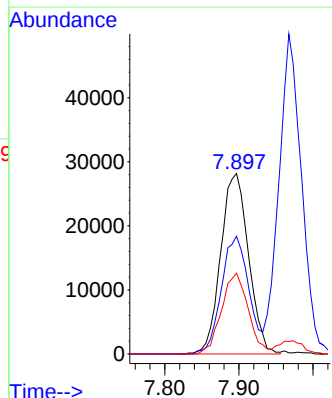
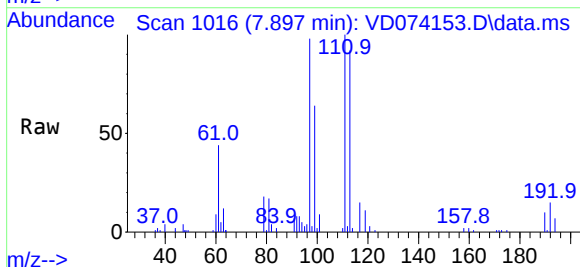
Tgt Ion: 97 Resp: 73445

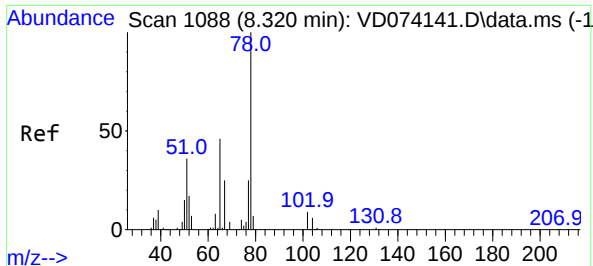
Ion Ratio Lower Upper

97 100

99 64.5 52.4 78.6

61 43.1 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 45.107 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD074153.D

Acq: 19 Aug 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

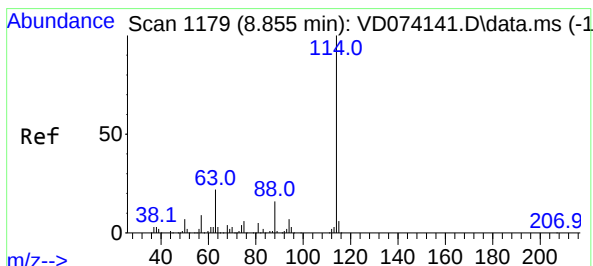
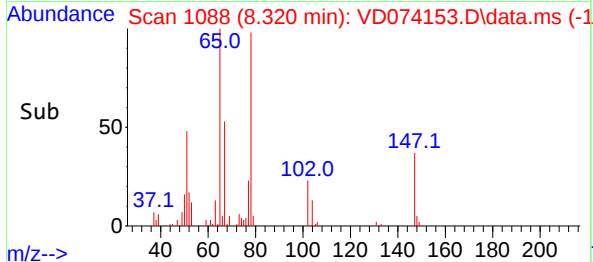
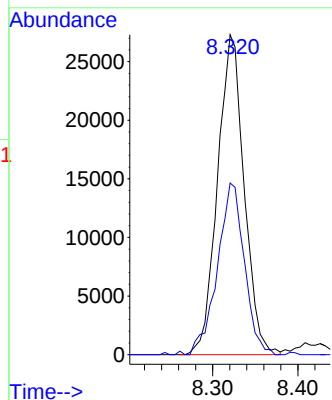
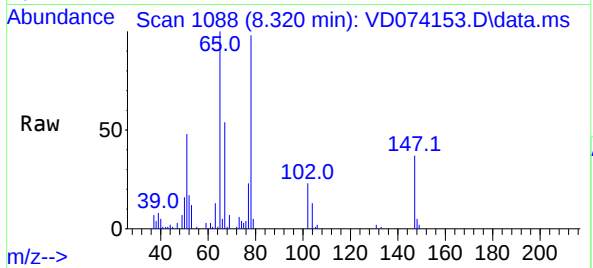
VD0819SBS02

Tgt Ion: 65 Resp: 59113

Ion Ratio Lower Upper

65 100

67 54.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD074153.D

Acq: 19 Aug 2022 17:27

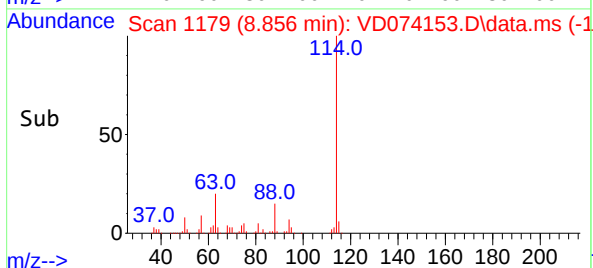
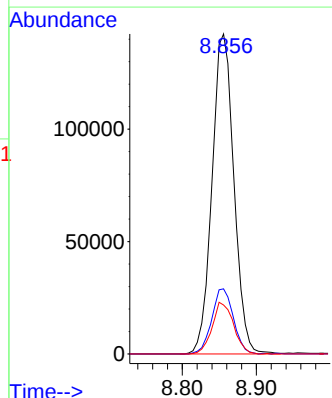
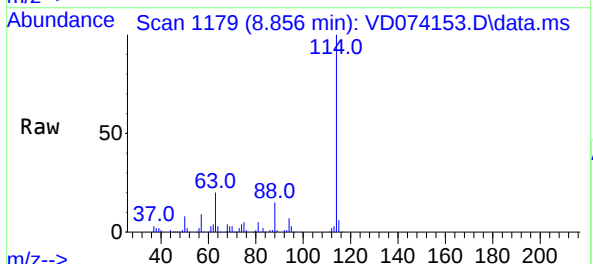
Tgt Ion: 114 Resp: 291528

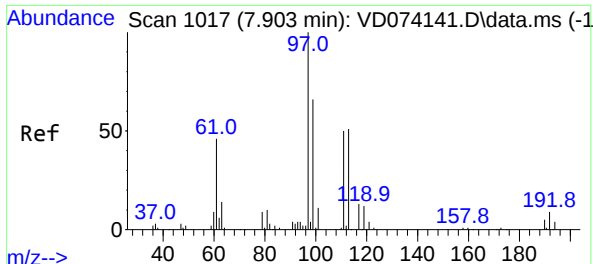
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.3 0.0 33.2

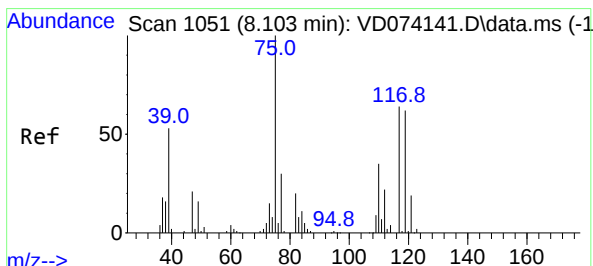
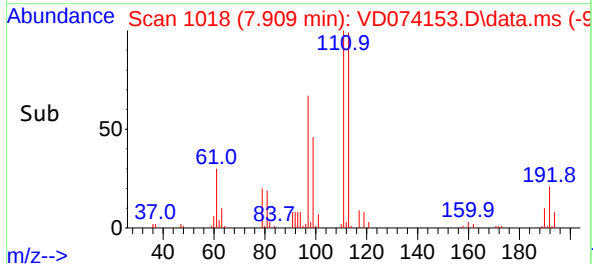
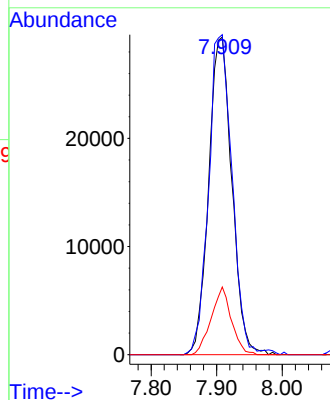
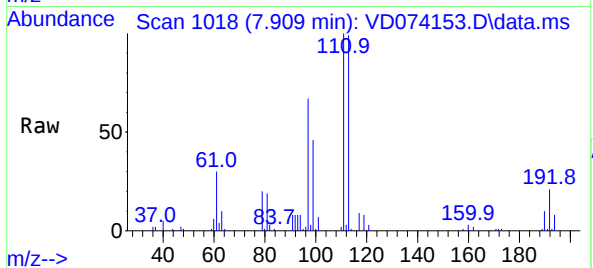




#35
Dibromofluoromethane
Concen: 50.482 ug/l
RT: 7.909 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

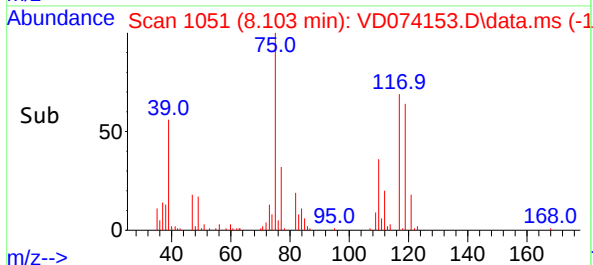
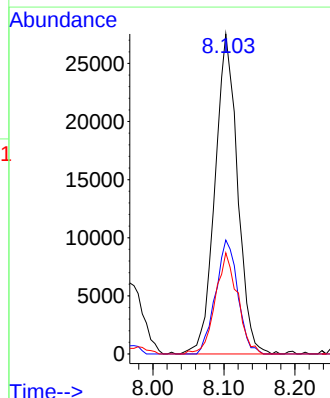
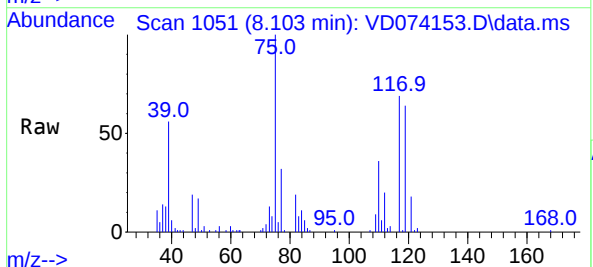
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

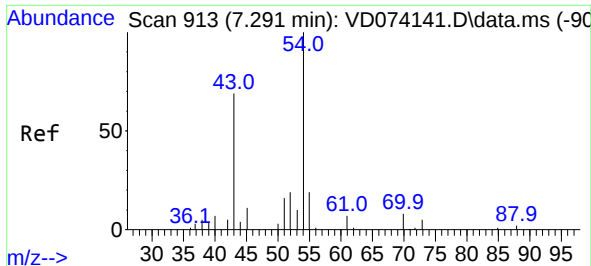
Tgt Ion:113 Resp: 72080
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 18.6 14.6 21.8



#36
1,1-Dichloropropene
Concen: 20.347 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 75 Resp: 60717
Ion Ratio Lower Upper
75 100
110 34.8 16.4 49.1
77 31.2 24.2 36.2

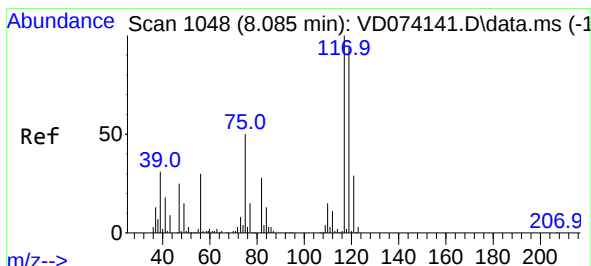
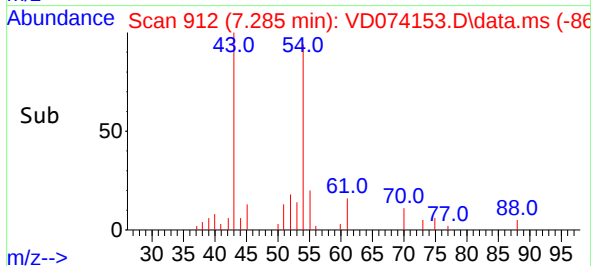
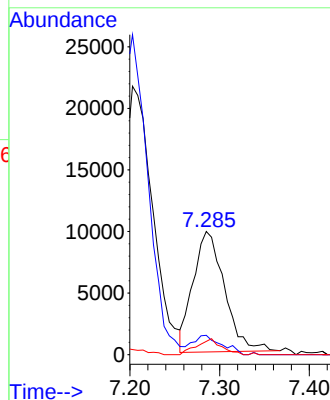
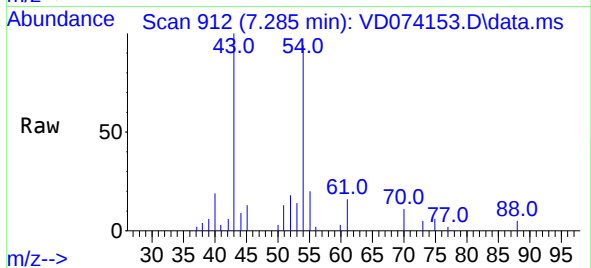




#37
Ethyl Acetate
Concen: 17.774 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

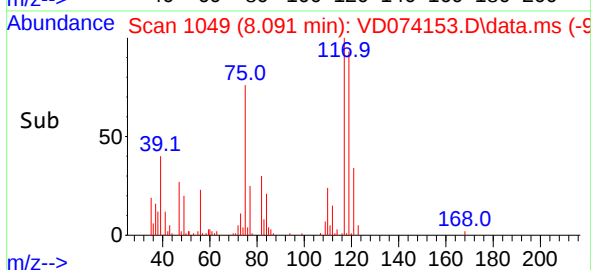
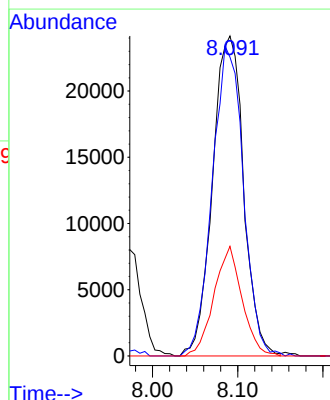
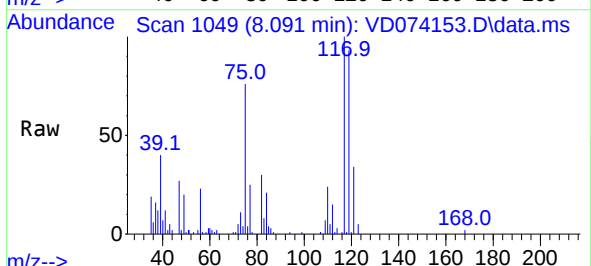
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

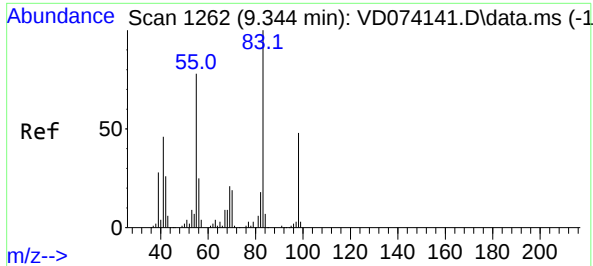
Tgt Ion:	43	Resp:	23768
Ion	Ratio	Lower	Upper
43	100		
61	14.4	9.8	14.8
70	10.4	6.9	10.3



#38
Carbon Tetrachloride
Concen: 20.747 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion:	117	Resp:	61226
Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.8	113.6
121	34.2	24.5	36.7

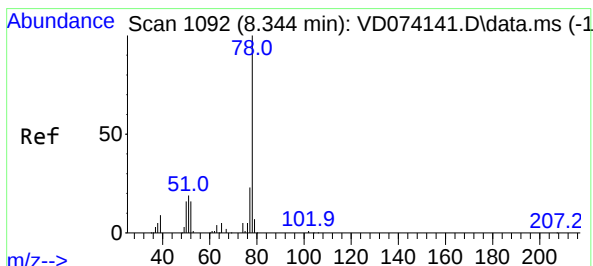
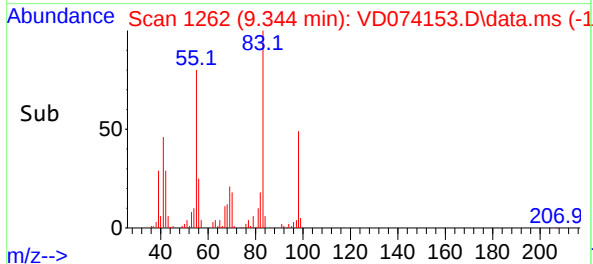
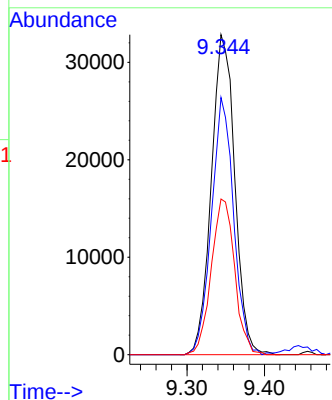
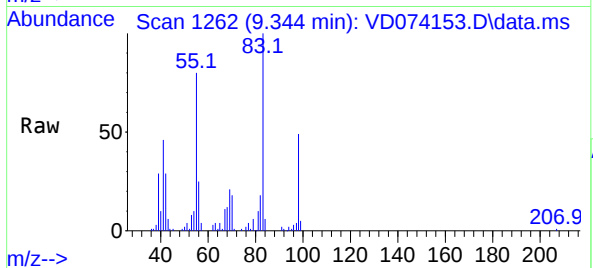




#39
Methylcyclohexane
Concen: 19.848 ug/l
RT: 9.344 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

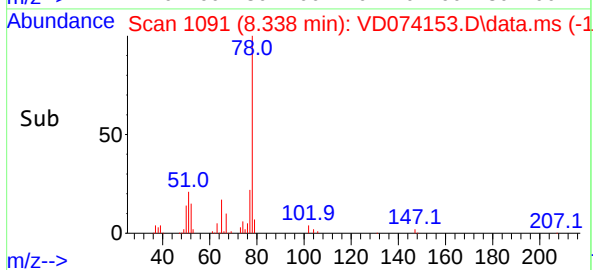
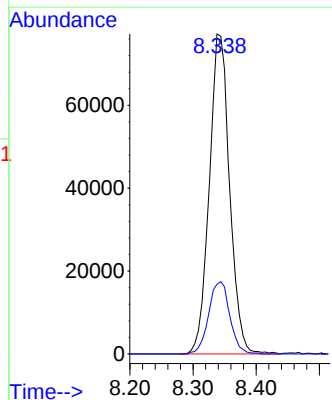
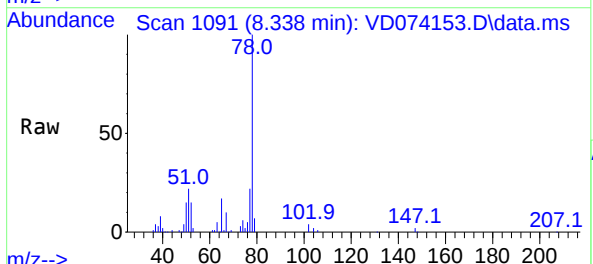
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

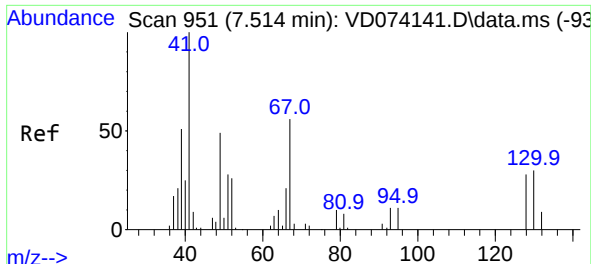
Tgt Ion: 83 Resp: 69034
Ion Ratio Lower Upper
83 100
55 80.3 63.2 94.8
98 48.7 38.2 57.4



#40
Benzene
Concen: 20.927 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 78 Resp: 172437
Ion Ratio Lower Upper
78 100
77 21.8 19.1 28.7



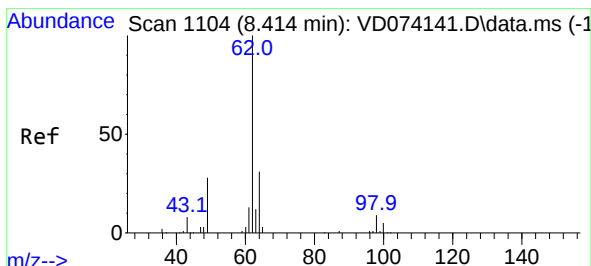
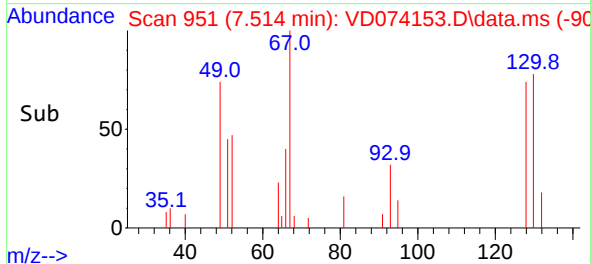
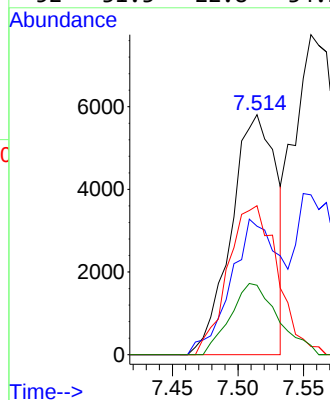
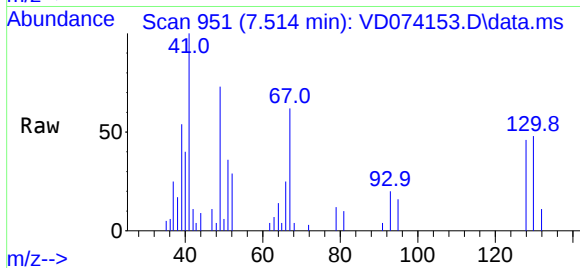


#41
Methacrylonitrile
Concen: 20.233 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

Tgt Ion: 41 Resp: 13923

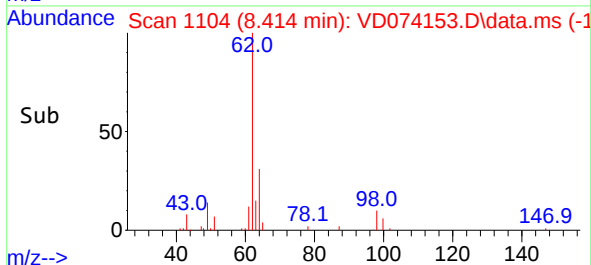
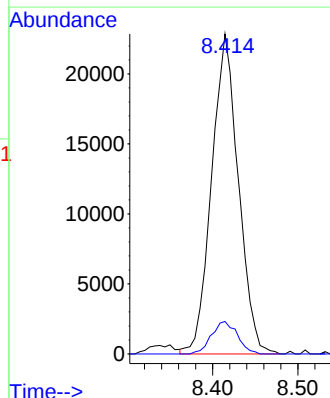
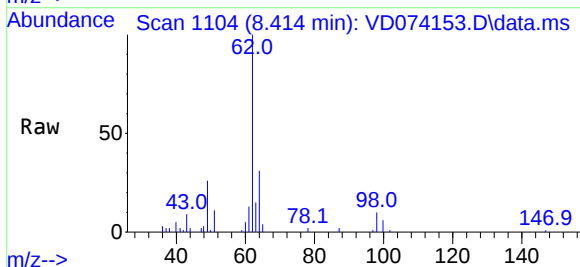
Ion	Ratio	Lower	Upper
41	100		
39	61.4	44.6	67.0
67	68.3	48.2	72.4
52	31.3	22.8	34.2

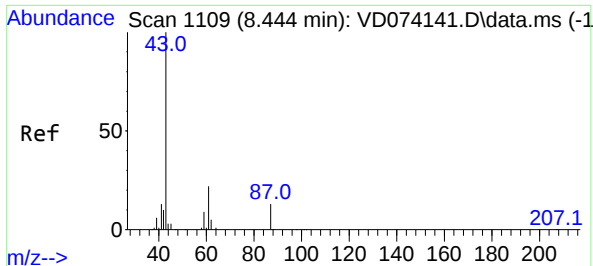


#42
1,2-Dichloroethane
Concen: 20.361 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 62 Resp: 49899

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	17.6

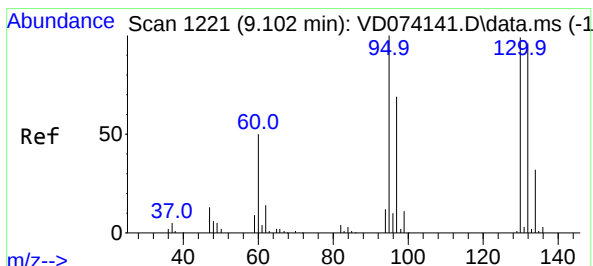
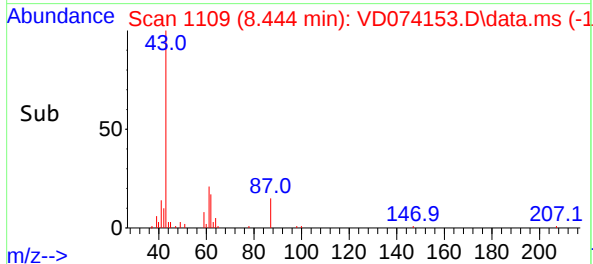
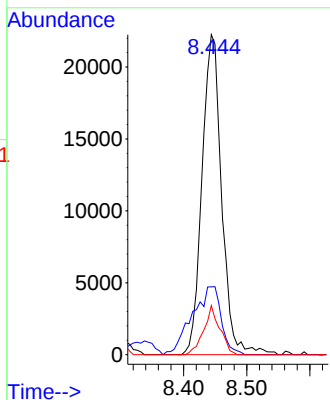
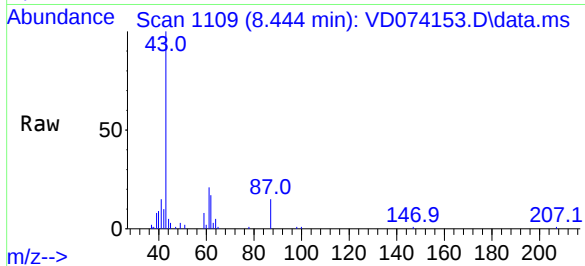




#43
Isopropyl Acetate
Concen: 19.463 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

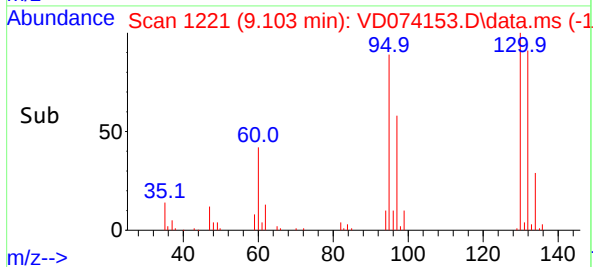
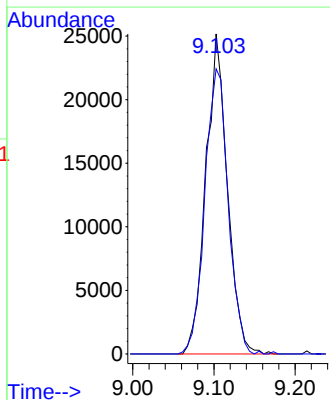
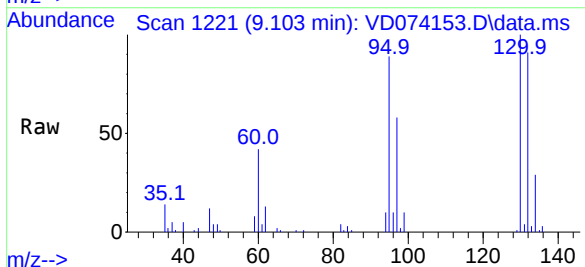
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

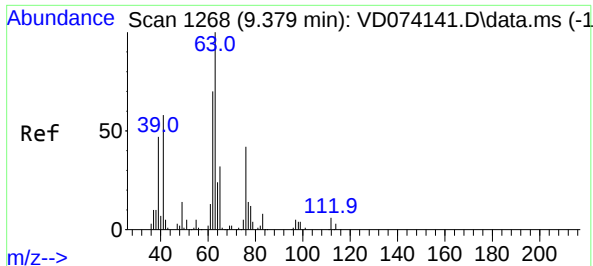
Tgt Ion:	43	Resp:	48199
Ion	Ratio	Lower	Upper
43	100		
61	31.4	22.4	33.6
87	12.6	8.7	13.1



#44
Trichloroethene
Concen: 20.911 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. 0.001 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion:	130	Resp:	46532
Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	205.4





#45

1,2-Dichloropropane

Concen: 19.929 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD074153.D

Acq: 19 Aug 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

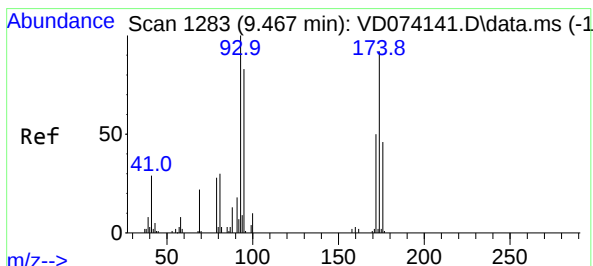
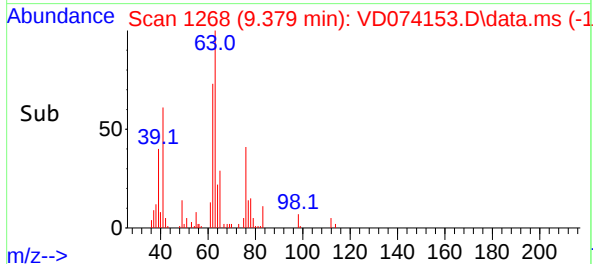
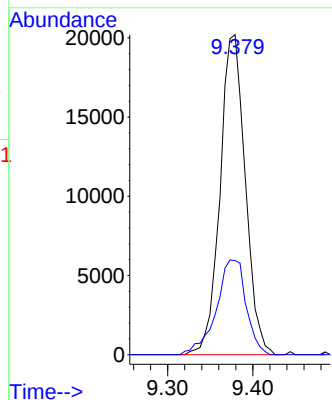
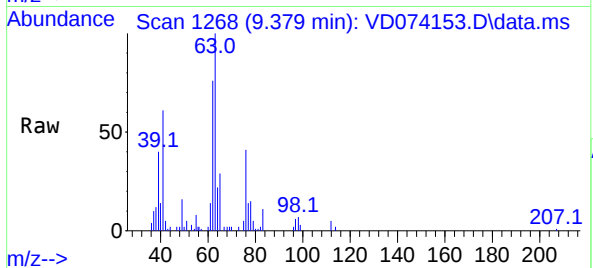
VD0819SBSD02

Tgt Ion: 63 Resp: 41606

Ion Ratio Lower Upper

63 100

65 29.4 26.2 39.4



#46

Dibromomethane

Concen: 19.692 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD074153.D

Acq: 19 Aug 2022 17:27

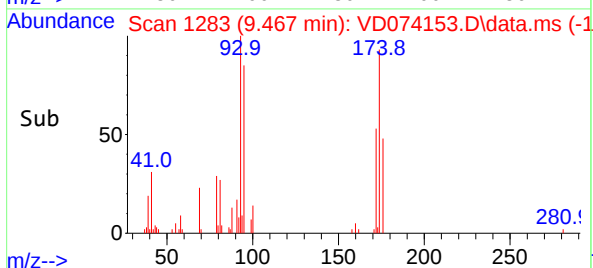
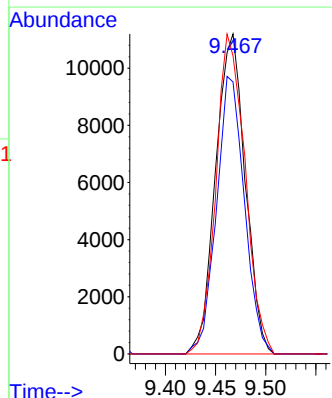
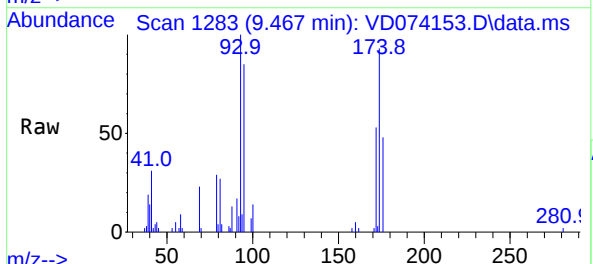
Tgt Ion: 93 Resp: 22923

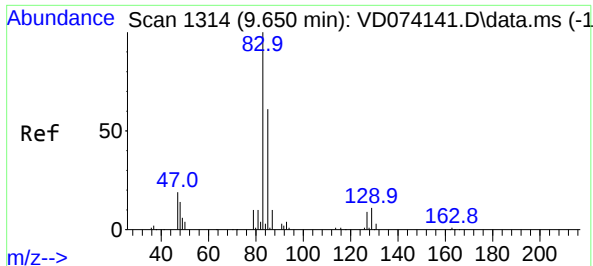
Ion Ratio Lower Upper

93 100

95 82.0 66.7 100.1

174 98.5 71.6 107.4

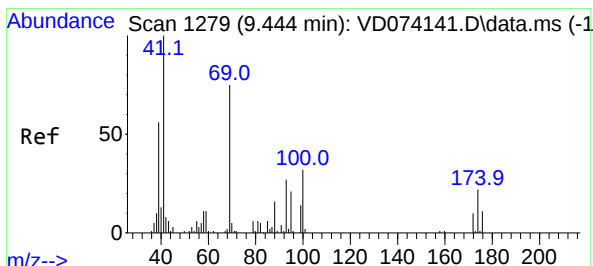
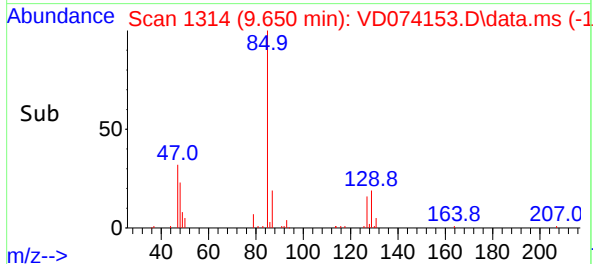
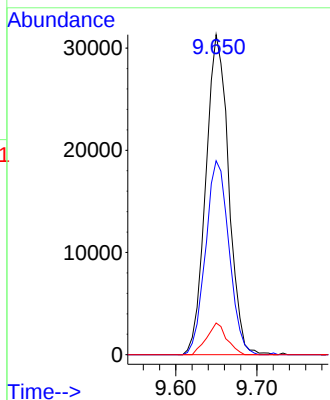
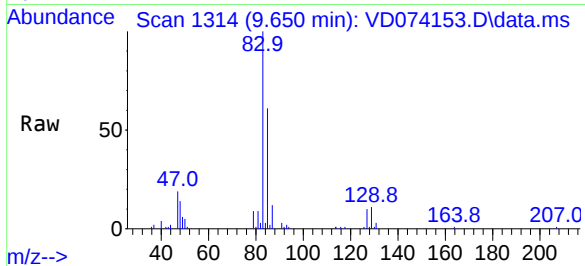




#47
Bromodichloromethane
Concen: 20.760 ug/l
RT: 9.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

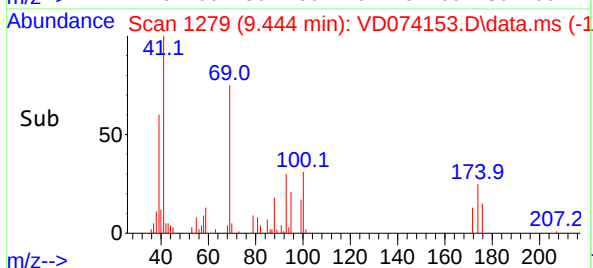
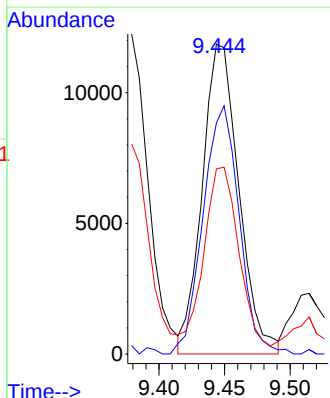
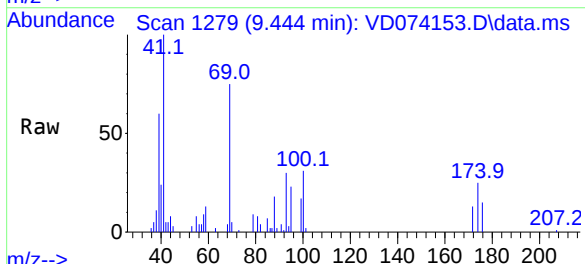
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

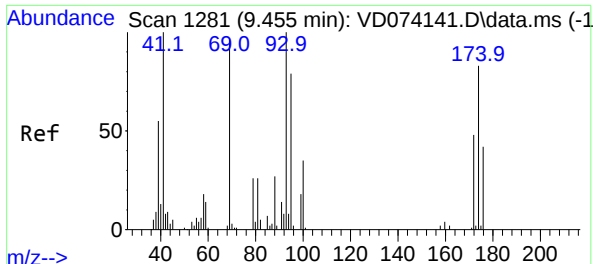
Tgt Ion: 83 Resp: 61097
Ion Ratio Lower Upper
83 100
85 60.6 51.4 77.0
127 9.9 6.1 9.1#



#48
Methyl methacrylate
Concen: 18.914 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 41 Resp: 23084
Ion Ratio Lower Upper
41 100
69 78.6 56.7 85.1
39 53.4 42.7 64.1

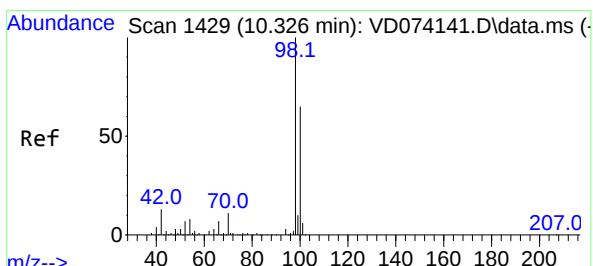
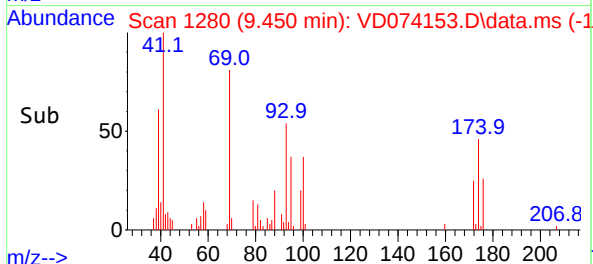
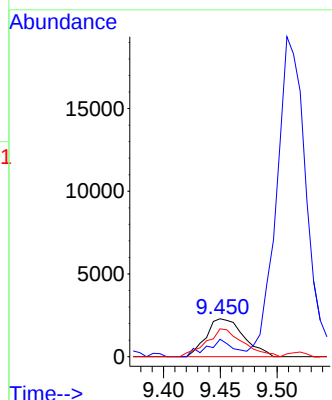
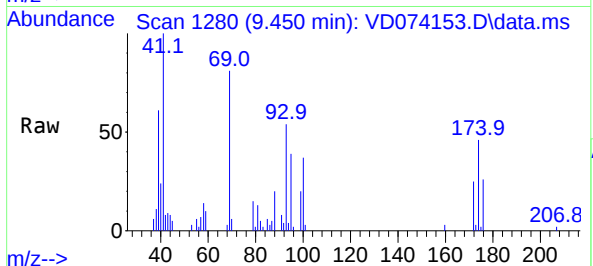




#49
1,4-Dioxane
Concen: 422.012 ug/l
RT: 9.450 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

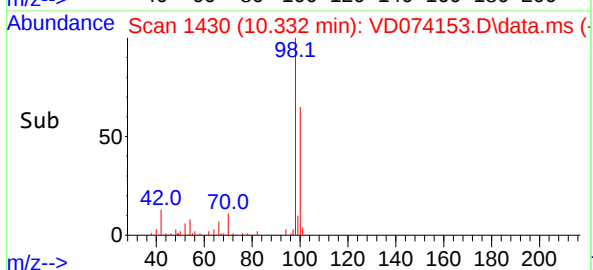
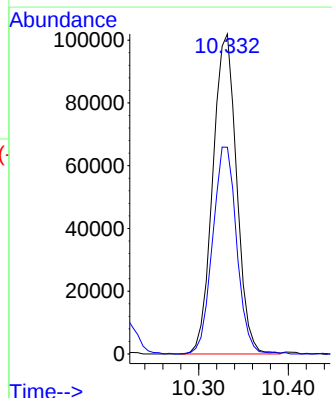
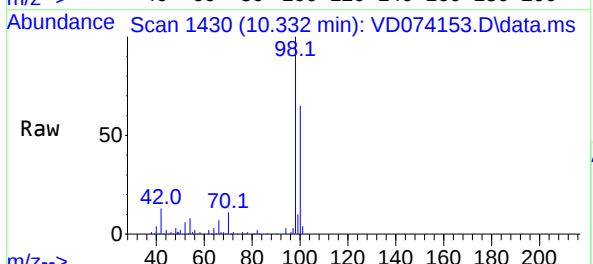
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

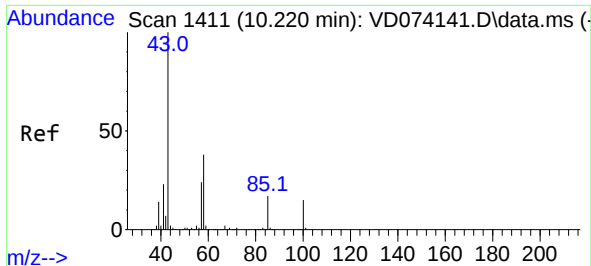
Tgt Ion: 88 Resp: 5266
Ion Ratio Lower Upper
88 100
43 33.4 31.0 46.4
58 71.4 58.1 87.1



#50
Toluene-d8
Concen: 46.689 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 98 Resp: 187868
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

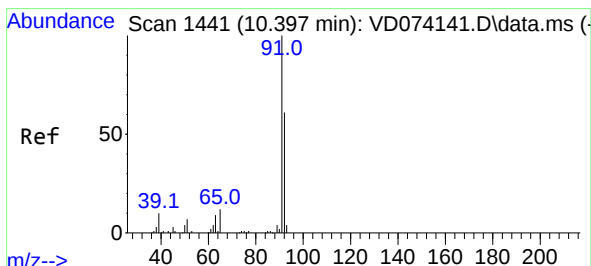
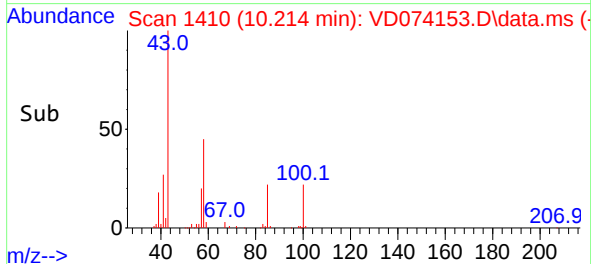
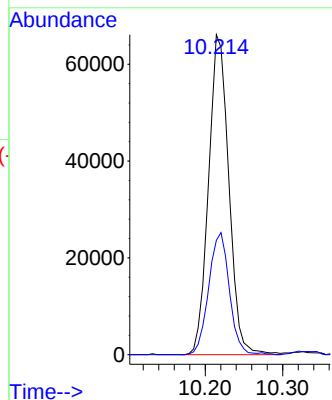
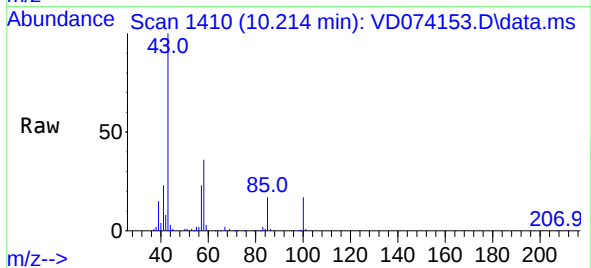




#51
4-Methyl-2-Pentanone
Concen: 94.494 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

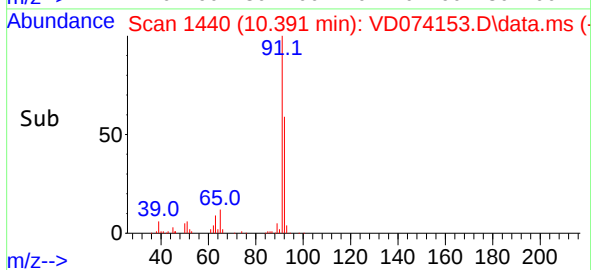
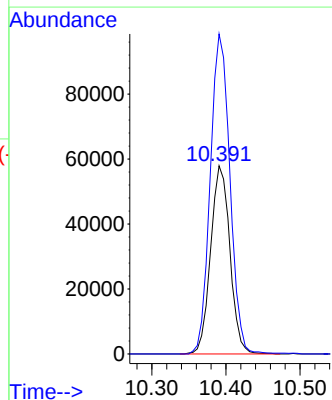
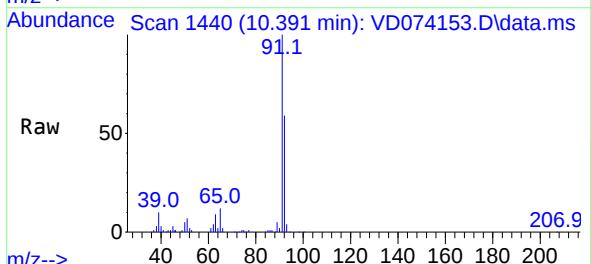
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

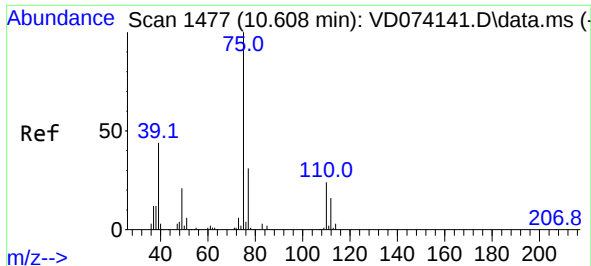
Tgt Ion: 43 Resp: 120434
Ion Ratio Lower Upper
43 100
58 38.8 28.6 43.0



#52
Toluene
Concen: 20.584 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 92 Resp: 104676
Ion Ratio Lower Upper
92 100
91 173.8 139.6 209.4

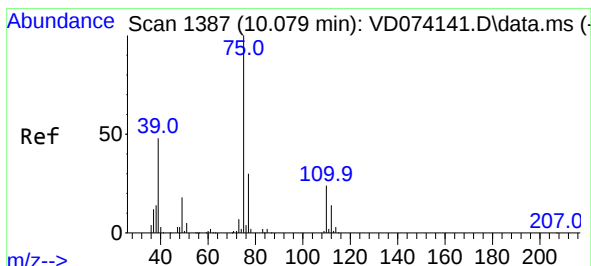
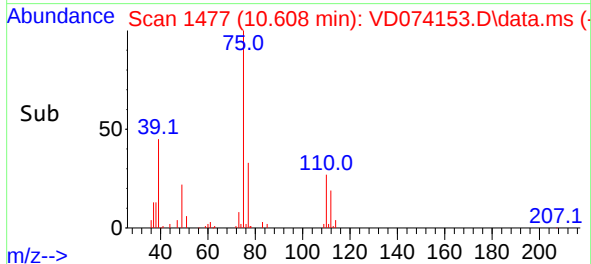
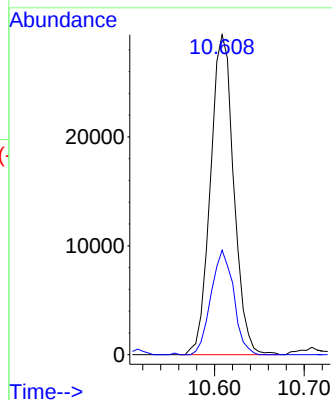
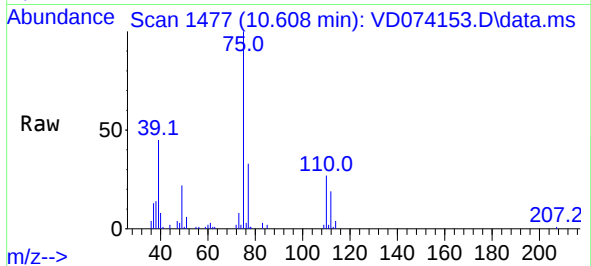




#53
t-1,3-Dichloropropene
Concen: 19.808 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

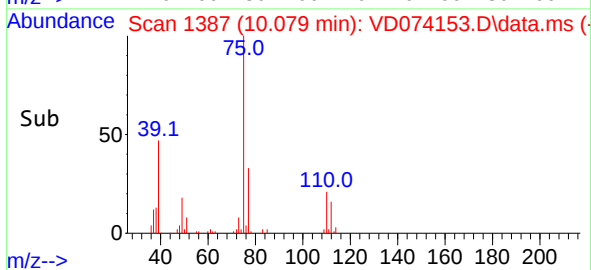
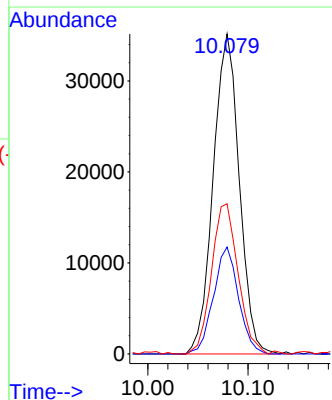
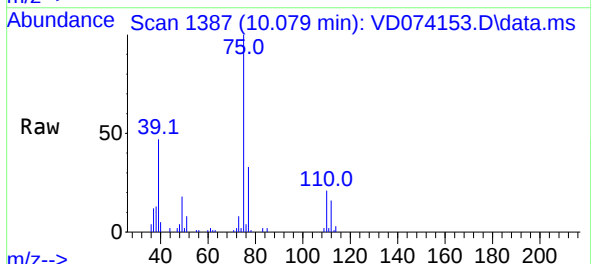
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

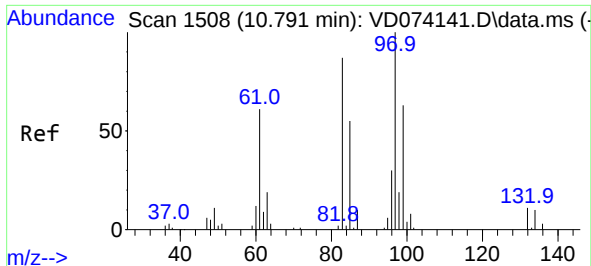
Tgt Ion: 75 Resp: 52970
Ion Ratio Lower Upper
75 100
77 32.6 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 19.857 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 75 Resp: 63380
Ion Ratio Lower Upper
75 100
77 33.4 24.8 37.2
39 47.0 46.8 70.2



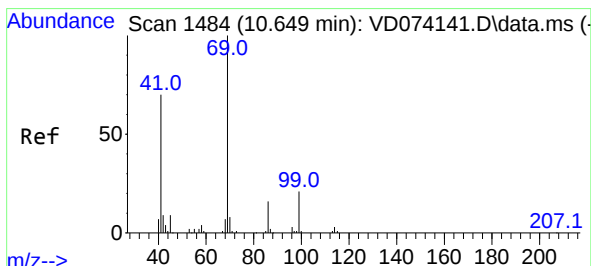
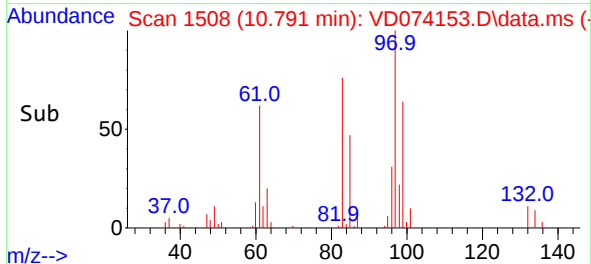
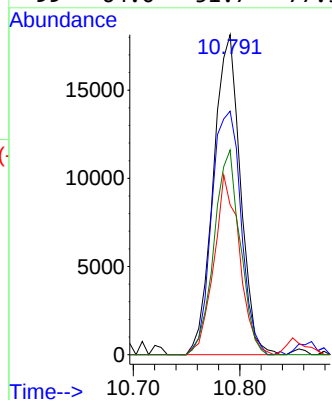
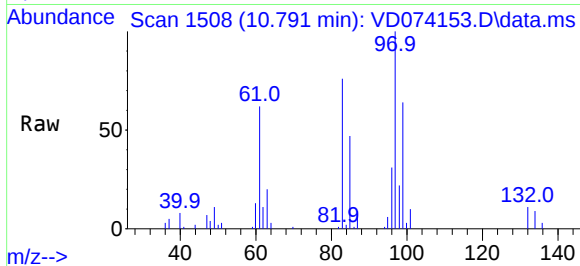


#55
1,1,2-Trichloroethane
Concen: 20.792 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

Tgt Ion: 97 Resp: 31866

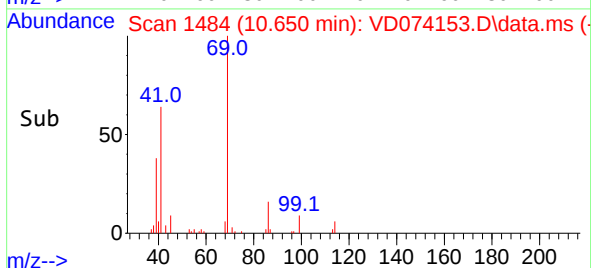
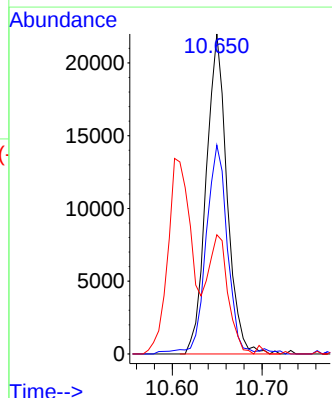
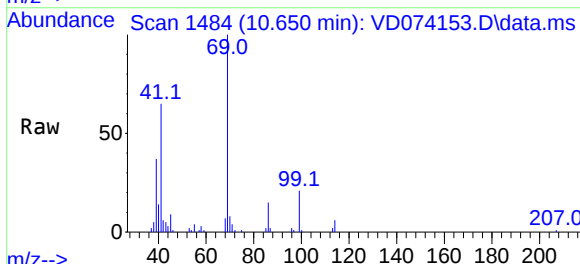
Ion	Ratio	Lower	Upper
97	100		
83	76.1	69.0	103.4
85	46.8	42.6	63.8
99	64.0	51.7	77.5

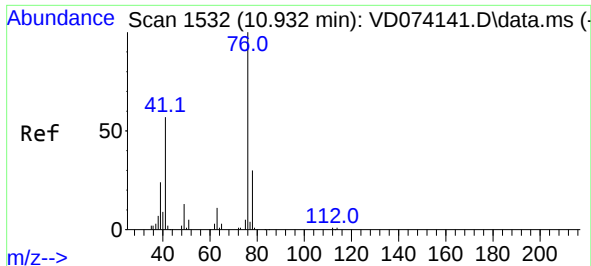


#56
Ethyl methacrylate
Concen: 18.892 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.001 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 69 Resp: 35401

Ion	Ratio	Lower	Upper
69	100		
41	66.8	63.0	94.6
39	35.9	33.8	50.8





#57

1,3-Dichloropropane

Concen: 19.299 ug/l

RT: 10.932 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074153.D

Acq: 19 Aug 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

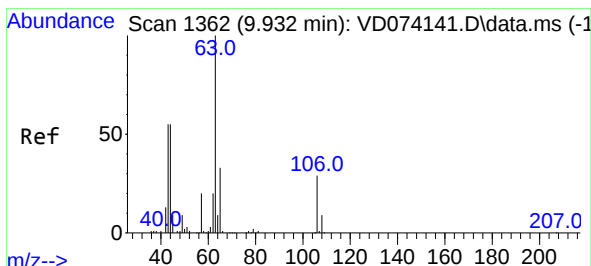
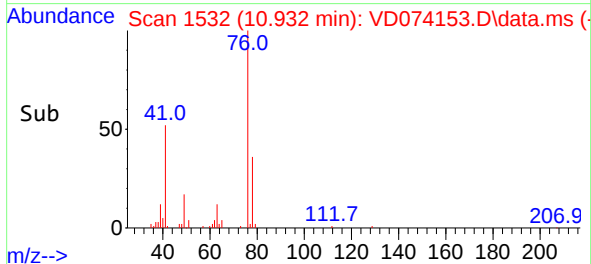
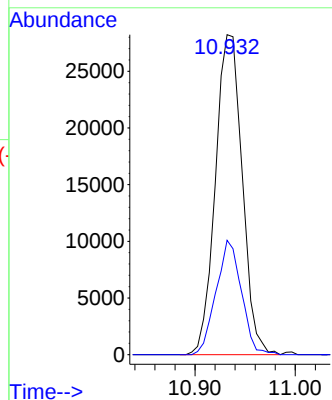
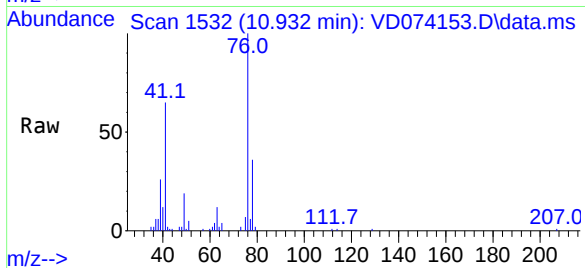
VD0819SBSD02

Tgt Ion: 76 Resp: 52367

Ion Ratio Lower Upper

76 100

78 33.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 110.534 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD074153.D

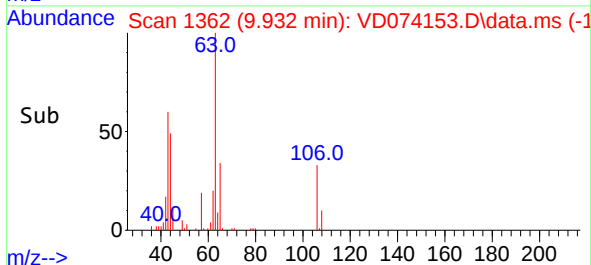
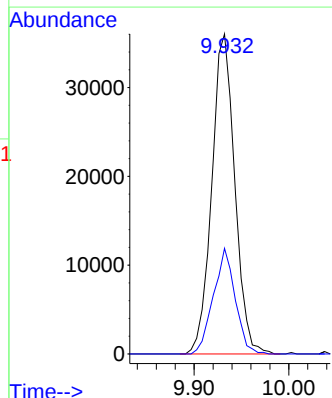
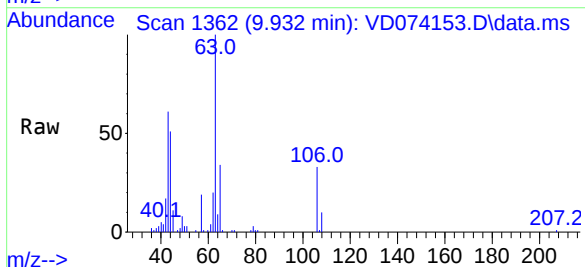
Acq: 19 Aug 2022 17:27

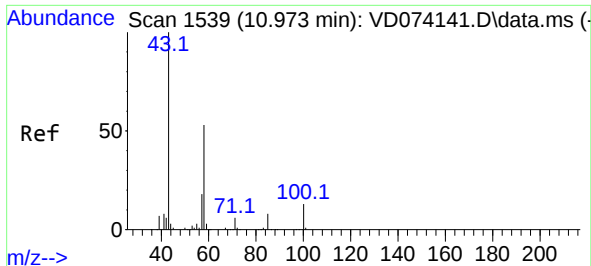
Tgt Ion: 63 Resp: 60712

Ion Ratio Lower Upper

63 100

106 31.3 21.4 32.0

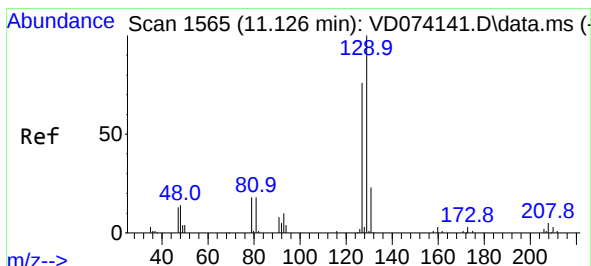
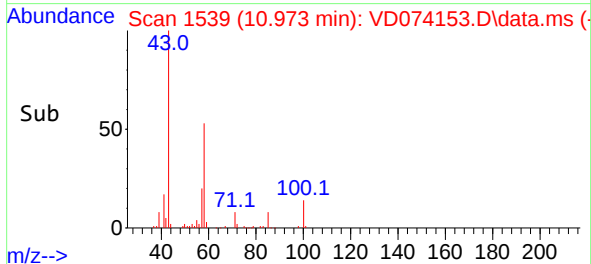
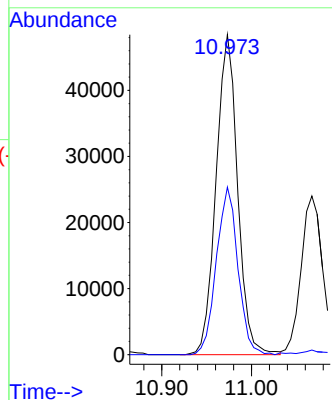
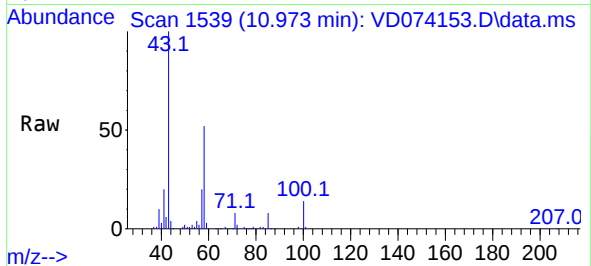




#59
2-Hexanone
Concen: 94.971 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

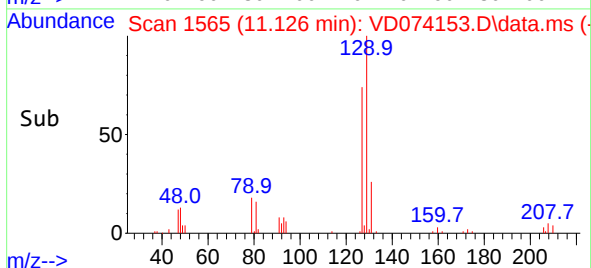
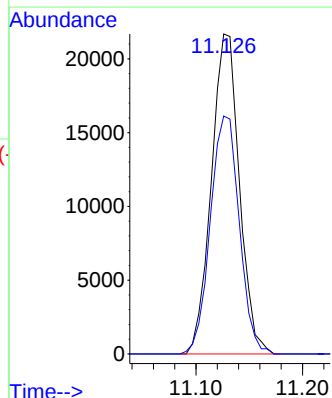
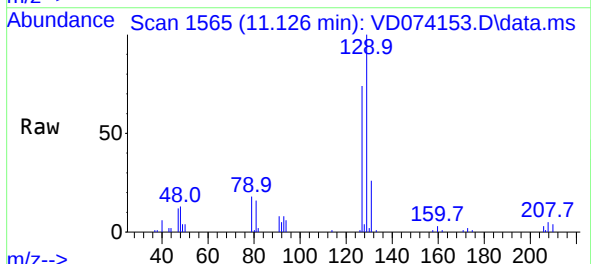
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

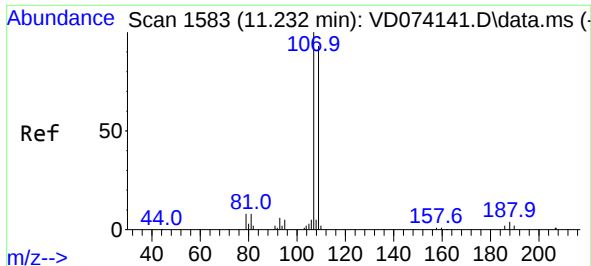
Tgt Ion: 43 Resp: 80732
Ion Ratio Lower Upper
43 100
58 52.4 25.3 75.9



#60
Dibromochloromethane
Concen: 20.514 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 129 Resp: 39592
Ion Ratio Lower Upper
129 100
127 76.8 39.2 117.6

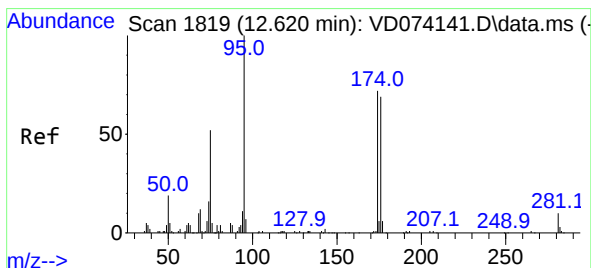
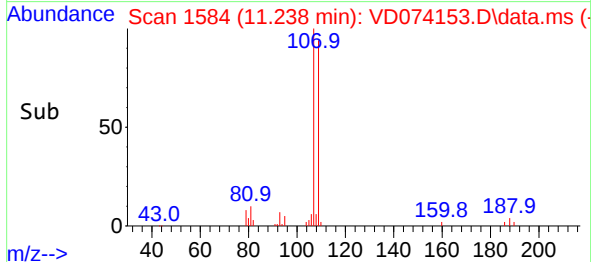
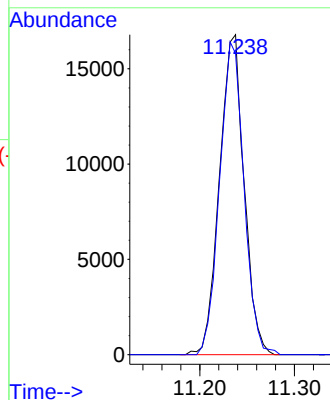
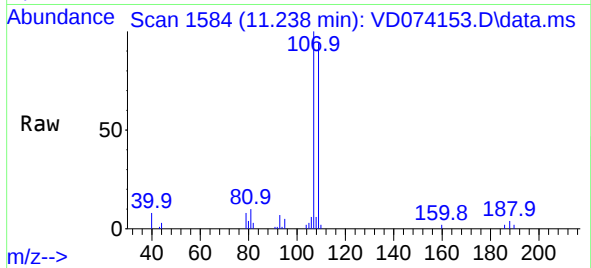




#61
1,2-Dibromoethane
Concen: 20.304 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

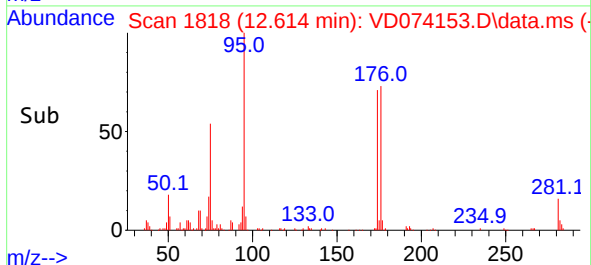
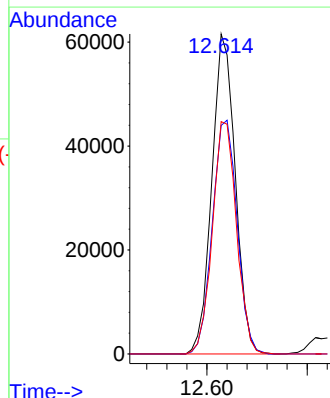
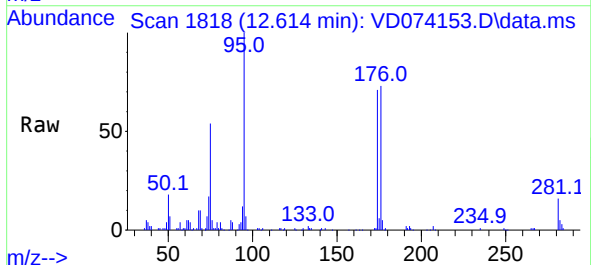
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

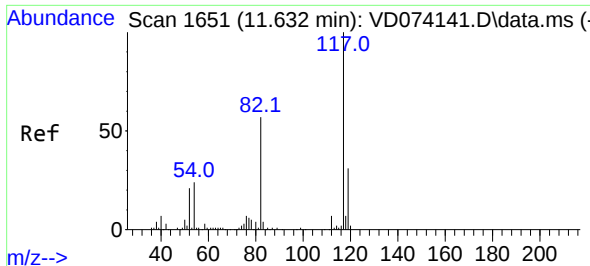
Tgt Ion:107 Resp: 30235
Ion Ratio Lower Upper
107 100
109 96.6 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 45.659 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

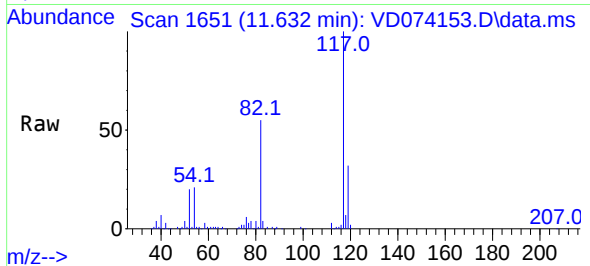
Tgt Ion: 95 Resp: 99602
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 75.0 0.0 145.4



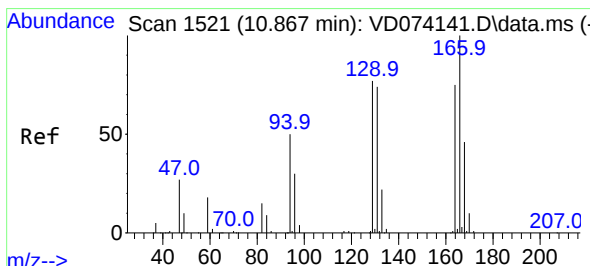
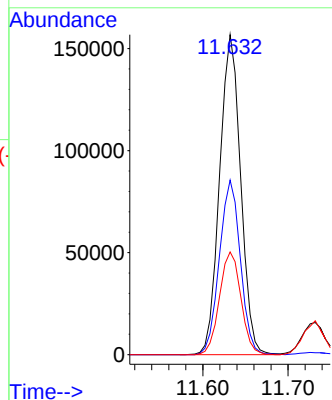
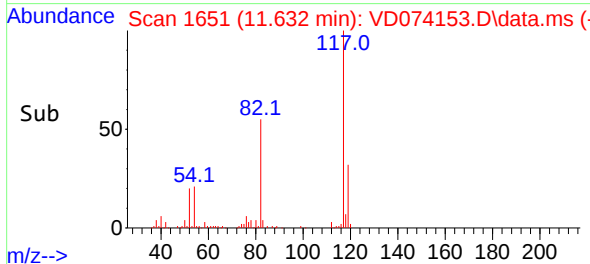


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

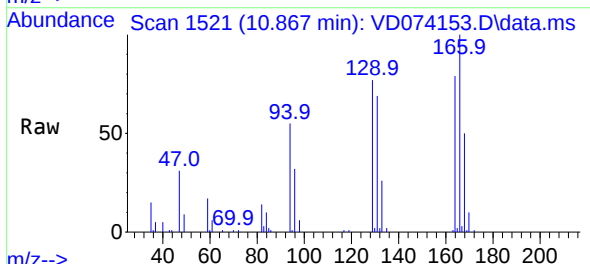
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02



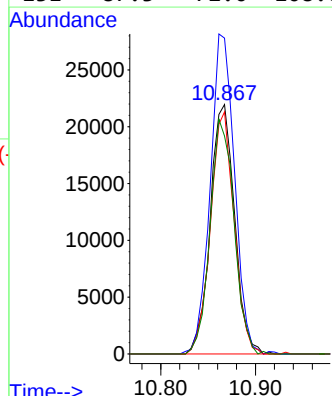
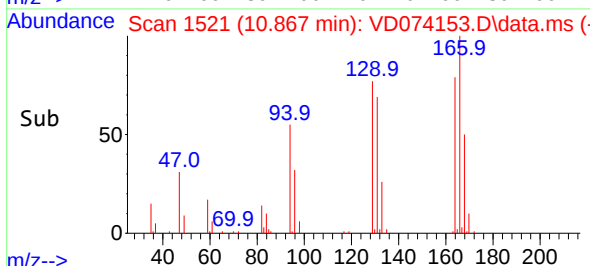
Tgt Ion:117 Resp: 269366
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 32.1 26.6 40.0

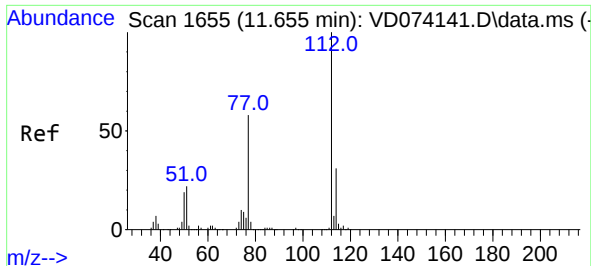


#64
Tetrachloroethene
Concen: 21.457 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27



Tgt Ion:164 Resp: 39232
Ion Ratio Lower Upper
164 100
166 126.6 98.5 147.7
129 97.0 74.6 111.8
131 87.3 72.0 108.0

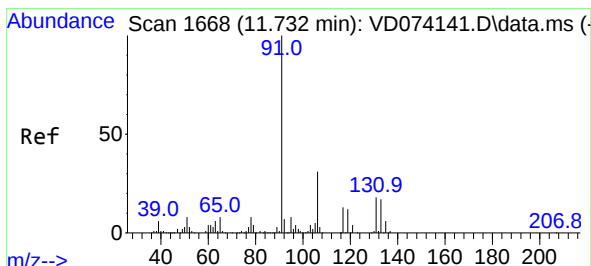
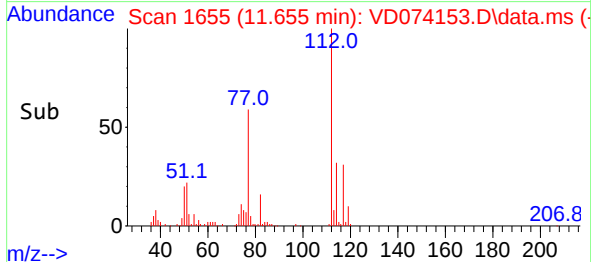
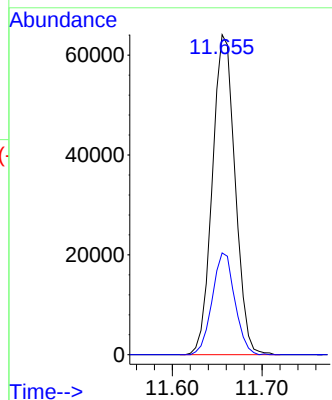
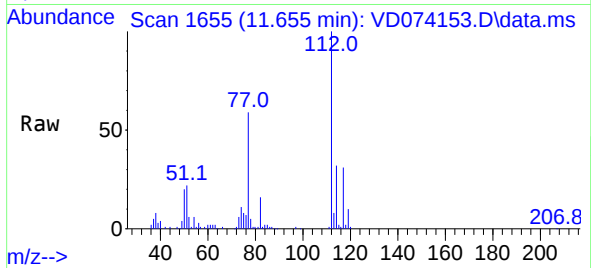




#65
Chlorobenzene
Concen: 20.591 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

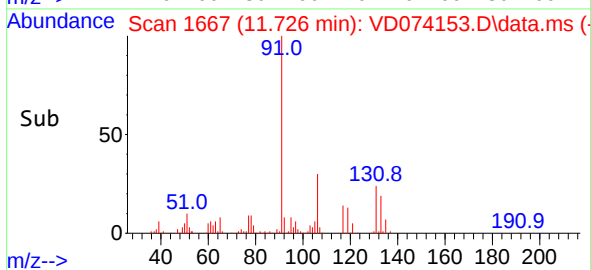
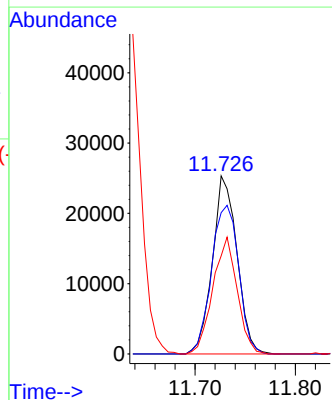
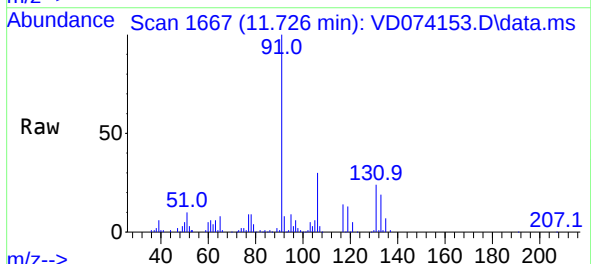
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

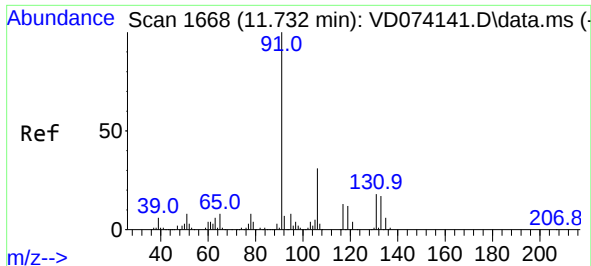
Tgt Ion:112 Resp: 112820
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.734 ug/l
RT: 11.726 min Scan# 1667
Delta R.T. -0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion:131 Resp: 43074
Ion Ratio Lower Upper
131 100
133 92.8 48.1 144.3
119 65.2 31.9 95.9

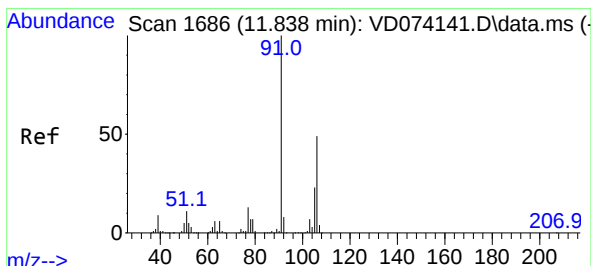
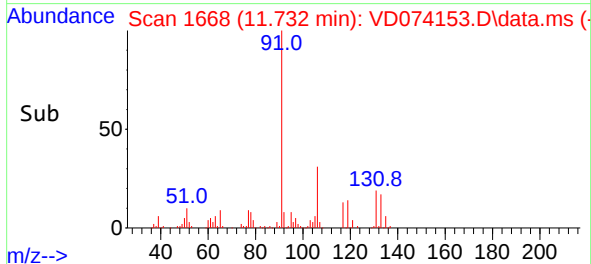
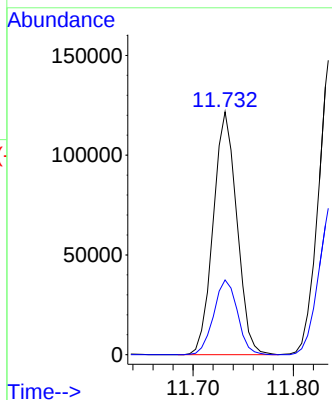
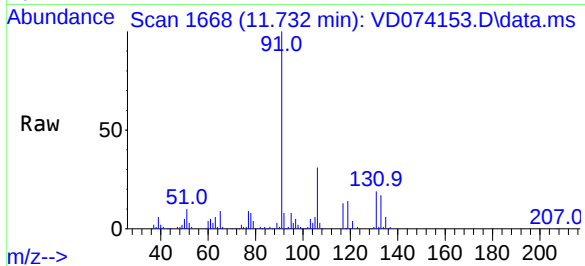




#67
Ethyl Benzene
Concen: 20.596 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

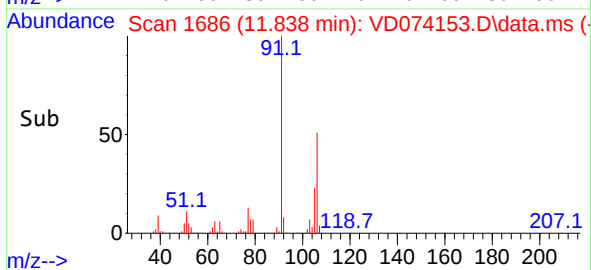
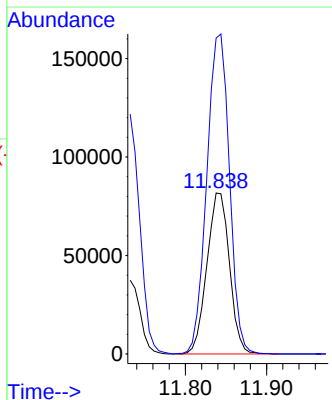
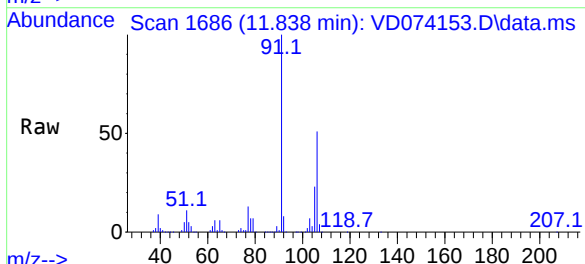
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

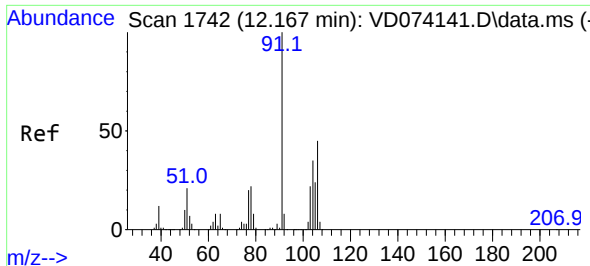
Tgt Ion: 91 Resp: 199296
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4



#68
m/p-Xylenes
Concen: 42.397 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 106 Resp: 157685
Ion Ratio Lower Upper
106 100
91 199.9 163.7 245.5

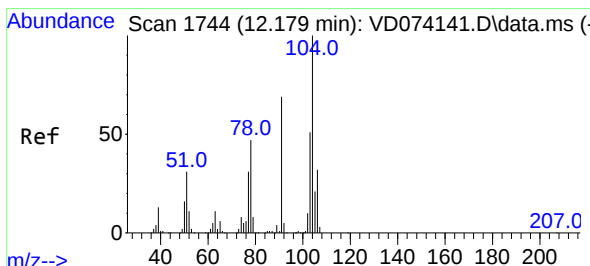
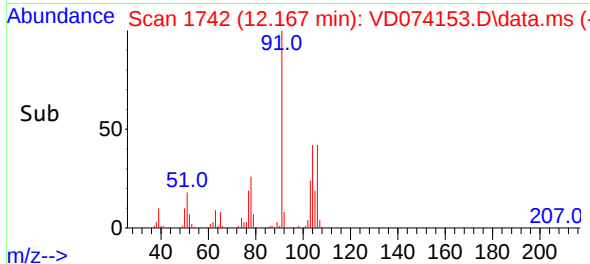
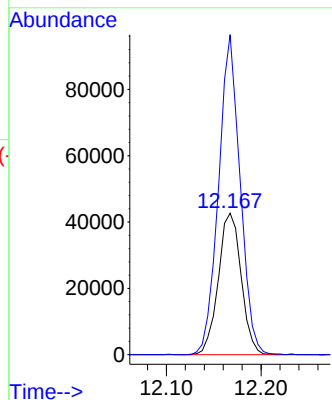
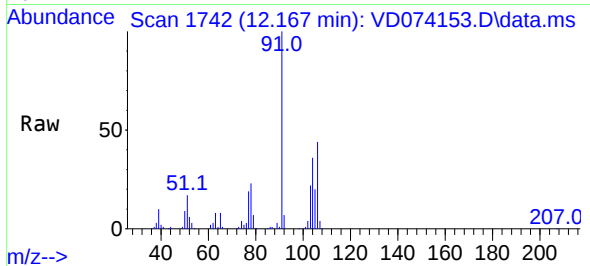




#69
o-Xylene
Concen: 20.593 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

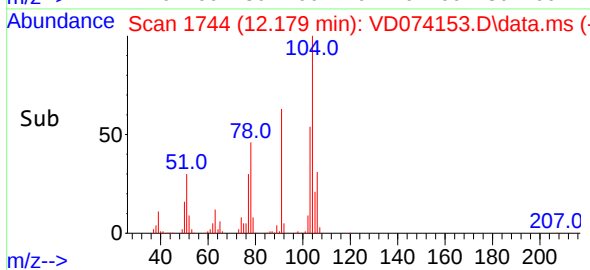
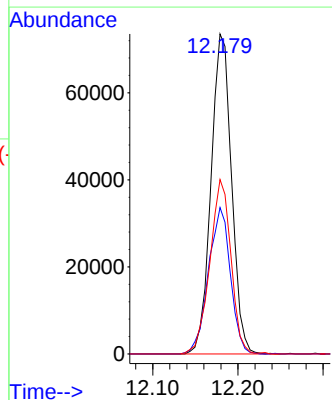
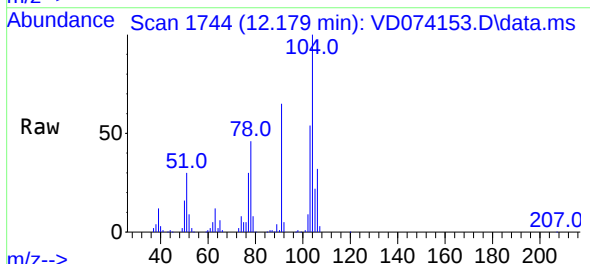
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

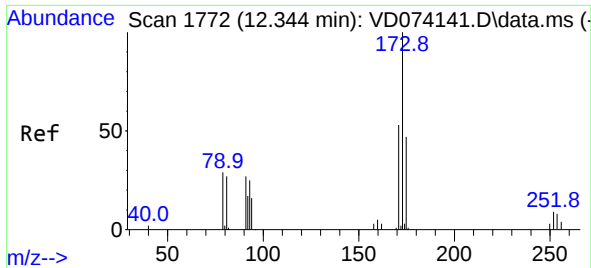
Tgt Ion:106 Resp: 71588
Ion Ratio Lower Upper
106 100
91 213.8 110.4 331.2



#70
Styrene
Concen: 20.749 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion:104 Resp: 123214
Ion Ratio Lower Upper
104 100
78 49.0 41.8 62.8
103 56.1 44.2 66.4

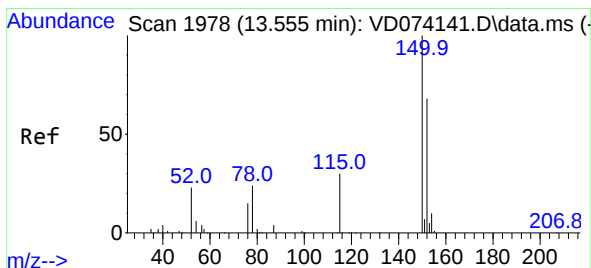
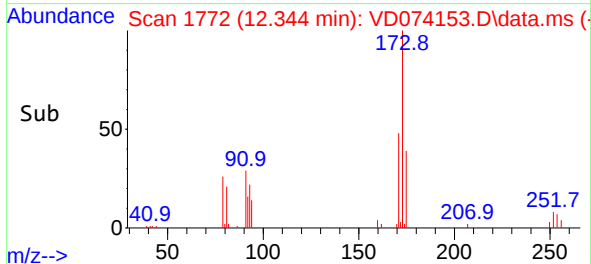
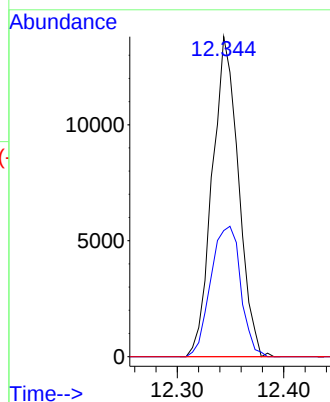
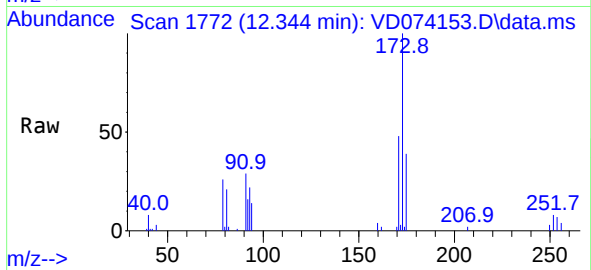




#71
Bromoform
Concen: 22.213 ug/l
RT: 12.344 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

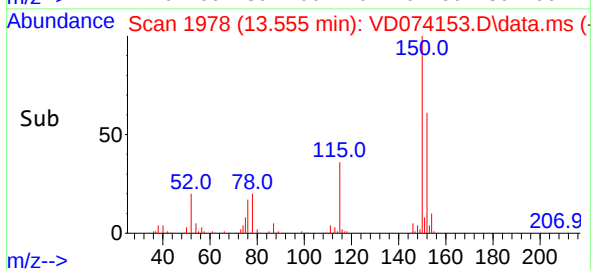
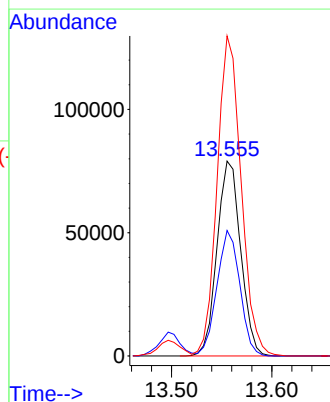
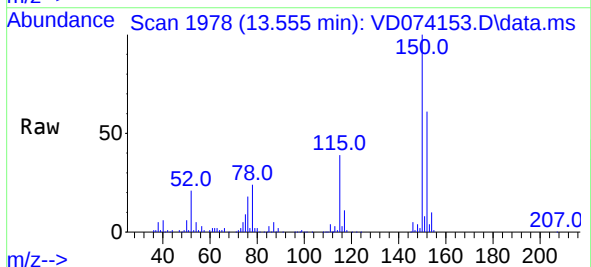
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

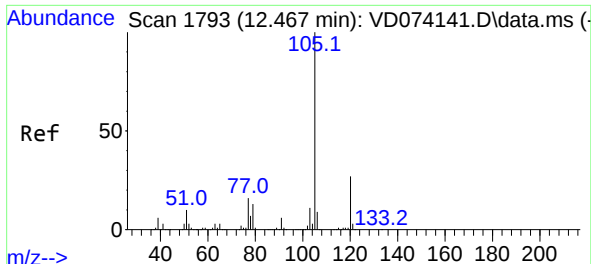
Tgt Ion:173 Resp: 23541
Ion Ratio Lower Upper
173 100
175 46.5 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion:152 Resp: 129418
Ion Ratio Lower Upper
152 100
115 62.4 31.3 93.8
150 166.8 0.0 348.6

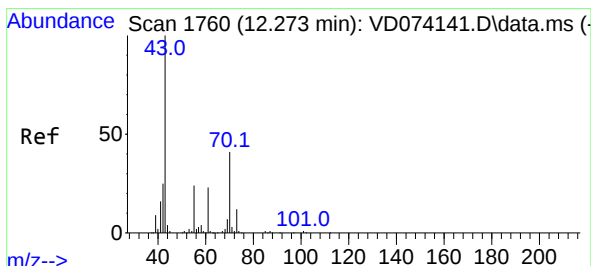
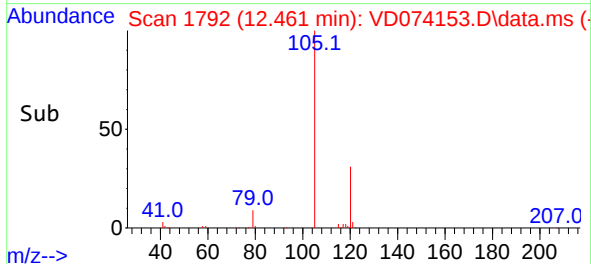
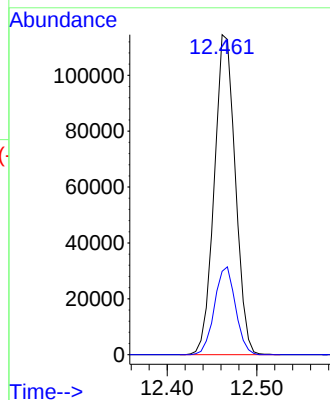
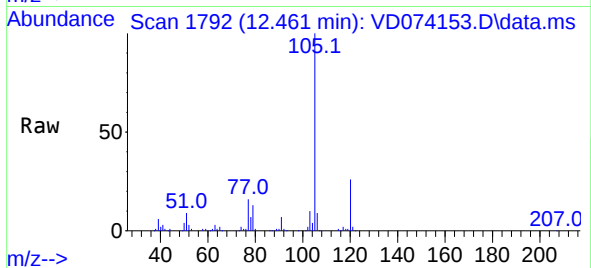




#73
Isopropylbenzene
Concen: 19.821 ug/l
RT: 12.461 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

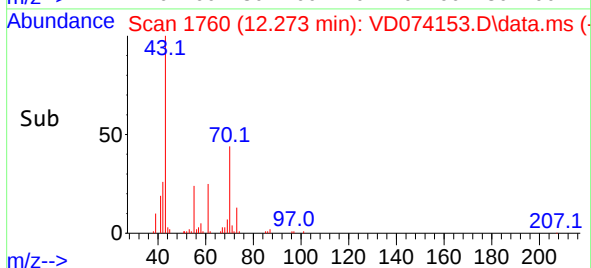
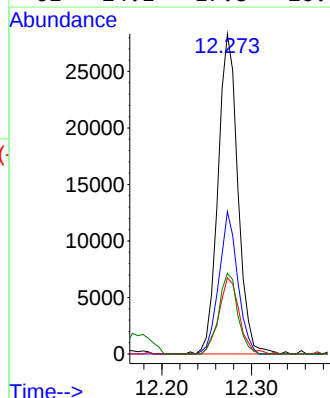
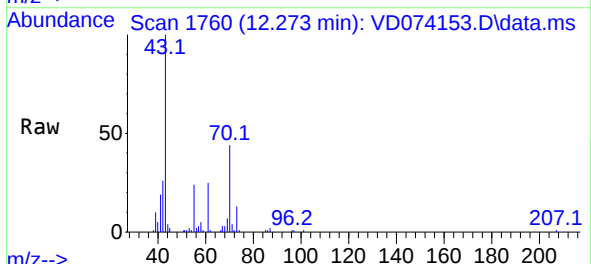
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

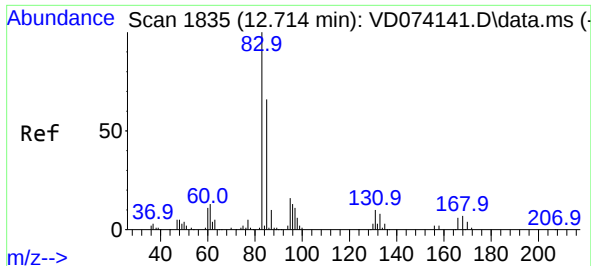
Tgt Ion:105 Resp: 186820
Ion Ratio Lower Upper
105 100
120 27.3 13.0 38.9



#74
N-ethyl acetate
Concen: 18.387 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 43 Resp: 43499
Ion Ratio Lower Upper
43 100
70 41.9 31.3 46.9
55 24.5 20.0 30.0
61 24.1 17.8 26.8

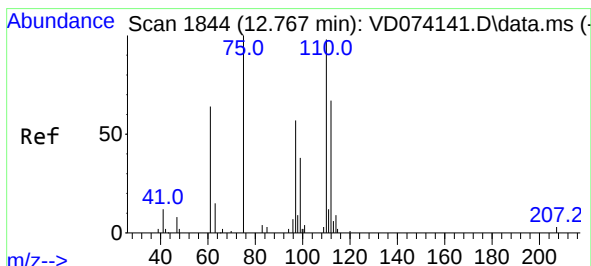
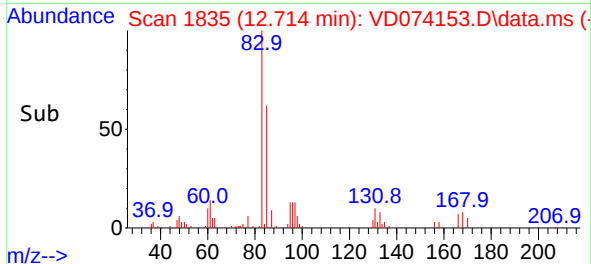
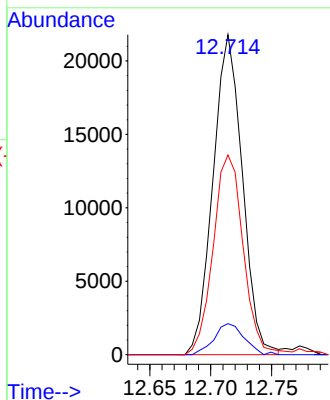
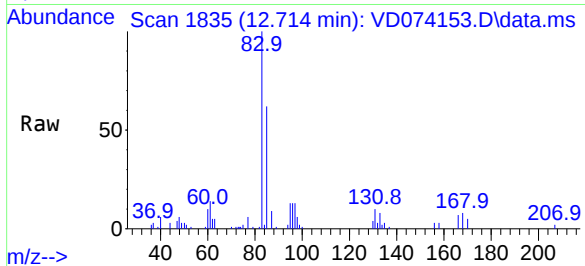




#75
1,1,2,2-Tetrachloroethane
Concen: 20.258 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

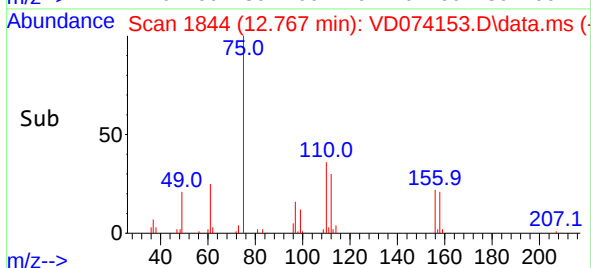
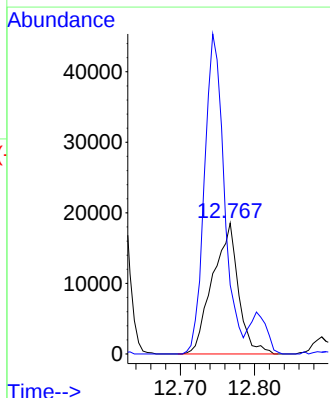
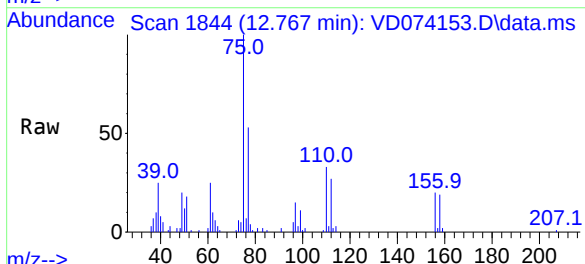
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

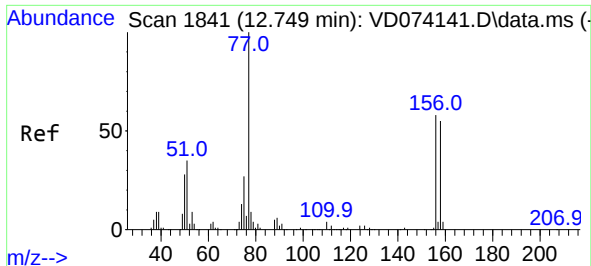
Tgt Ion: 83 Resp: 36554
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.0 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 33.371 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 75 Resp: 44725
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

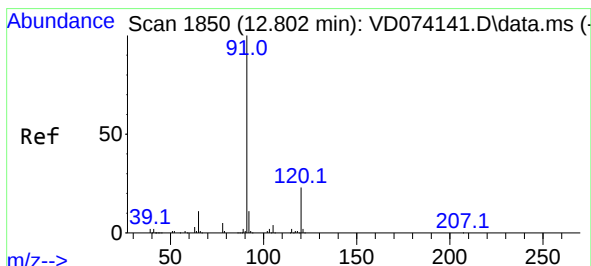
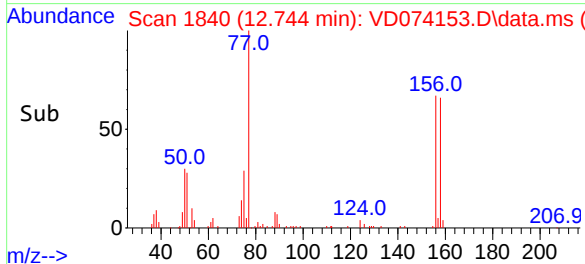
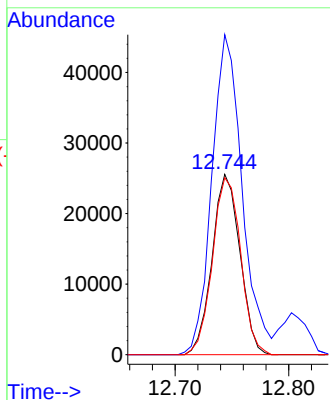
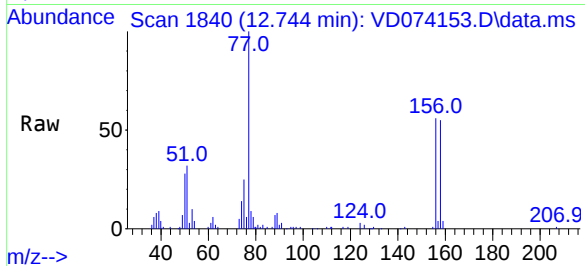




#77
Bromobenzene
Concen: 20.117 ug/l
RT: 12.744 min Scan# 1841
Delta R.T. -0.005 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

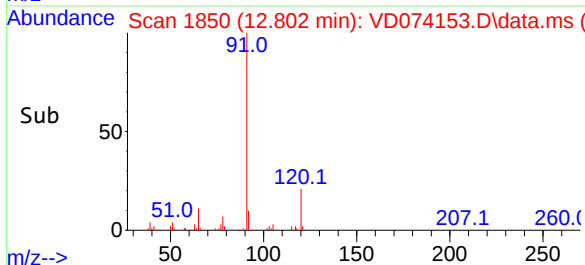
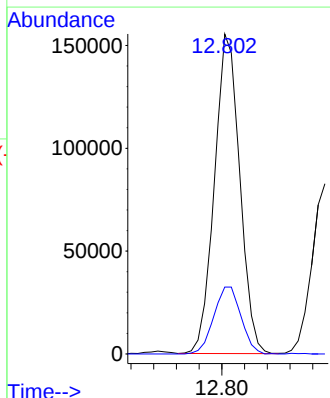
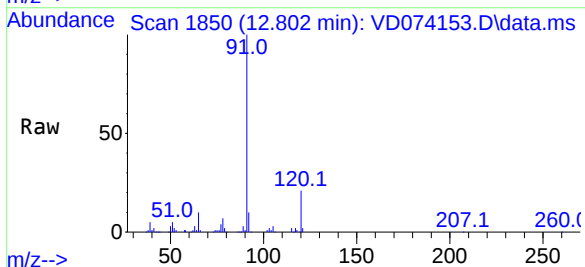
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

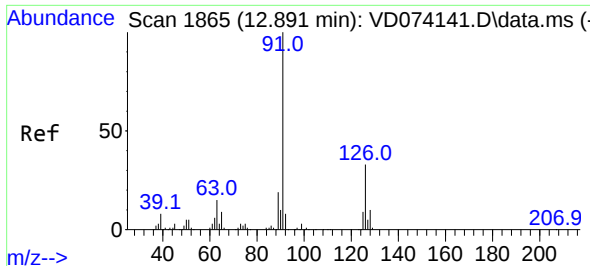
Tgt Ion:156 Resp: 43473
Ion Ratio Lower Upper
156 100
77 193.2 102.8 308.3
158 99.6 48.7 146.1



#78
n-propylbenzene
Concen: 20.584 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 91 Resp: 240523
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9

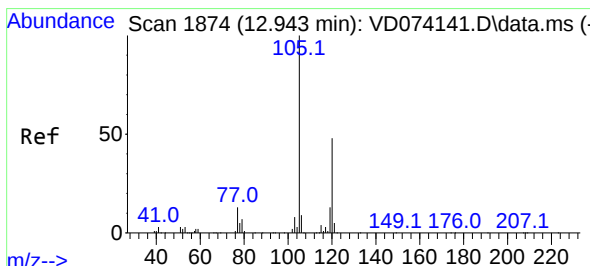
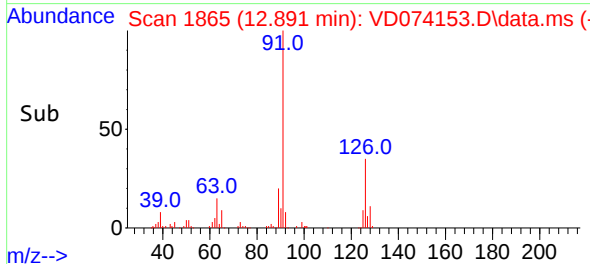
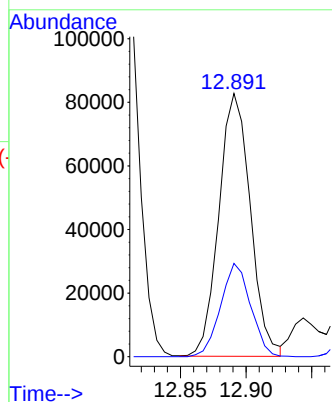
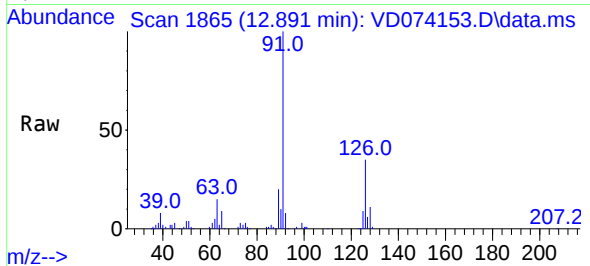




#79
2-Chlorotoluene
Concen: 20.601 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

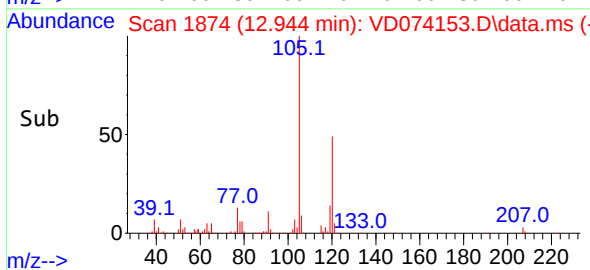
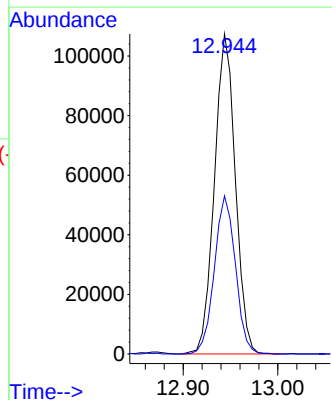
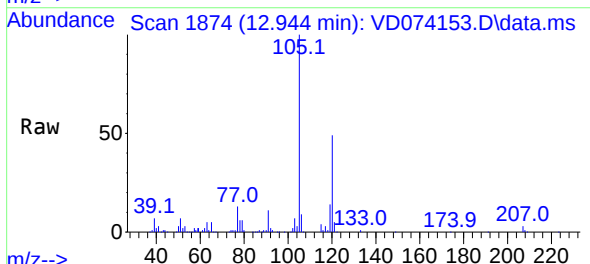
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

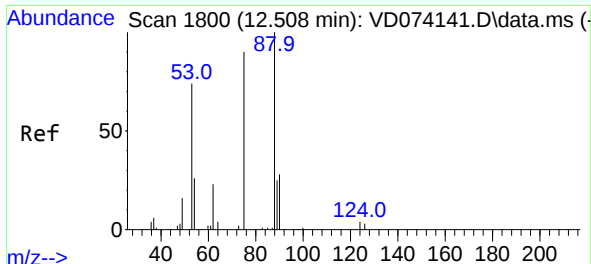
Tgt Ion: 91 Resp: 138160
Ion Ratio Lower Upper
91 100
126 33.8 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 20.945 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.001 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion:105 Resp: 165059
Ion Ratio Lower Upper
105 100
120 49.7 24.3 72.8

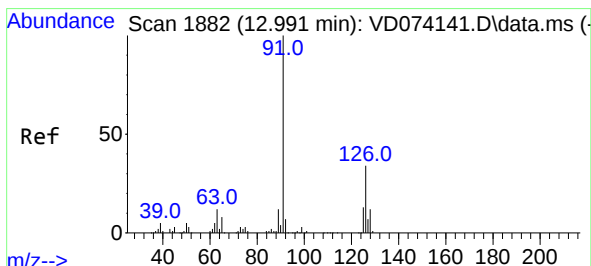
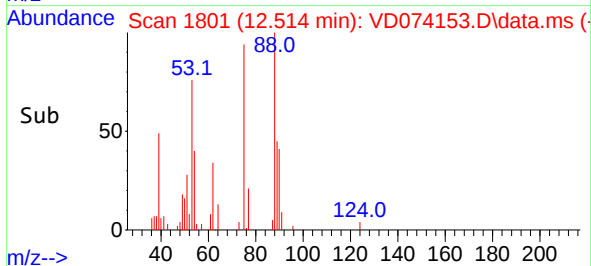
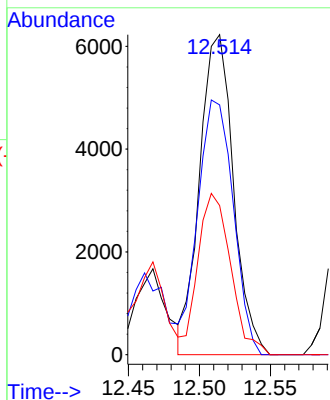
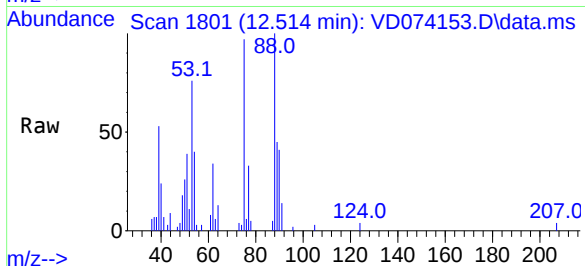




#81
trans-1,4-Dichloro-2-butene
Concen: 20.136 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.006 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

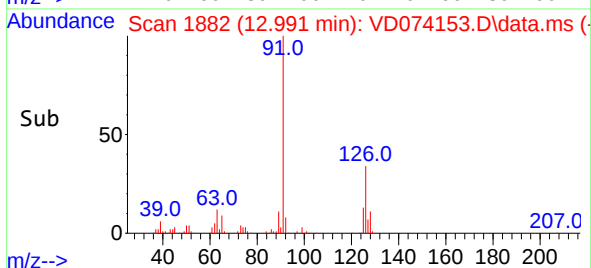
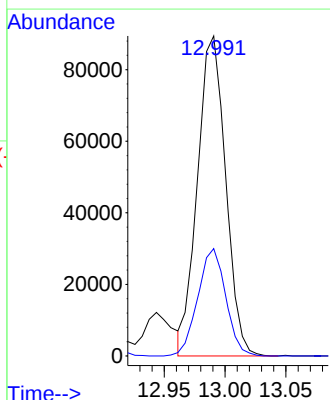
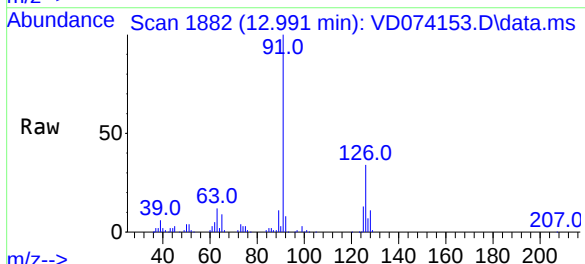
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

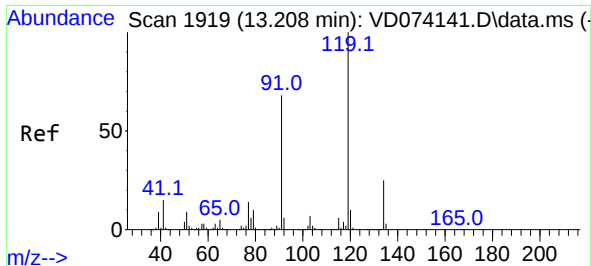
Tgt Ion: 75 Resp: 10313
Ion Ratio Lower Upper
75 100
53 83.2 86.5 129.7#
89 49.0 33.9 50.9



#82
4-Chlorotoluene
Concen: 20.404 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion: 91 Resp: 144013
Ion Ratio Lower Upper
91 100
126 33.3 16.5 49.5

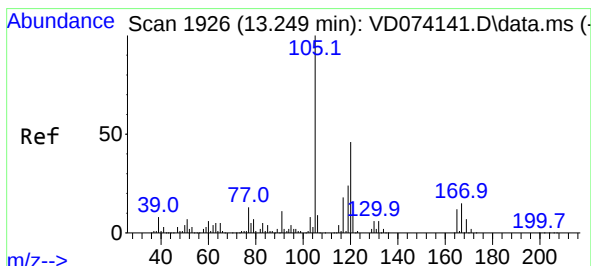
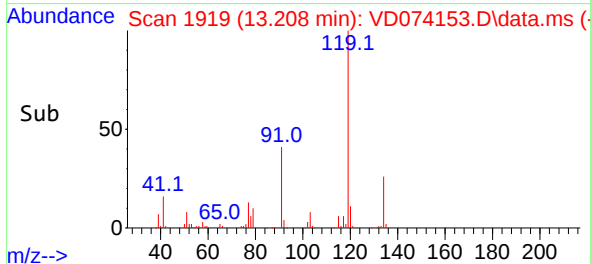
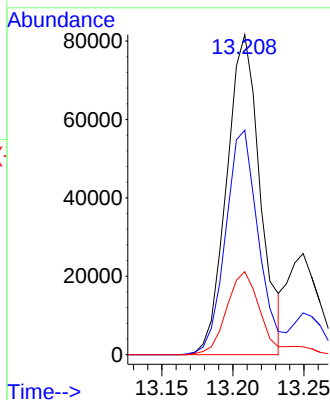
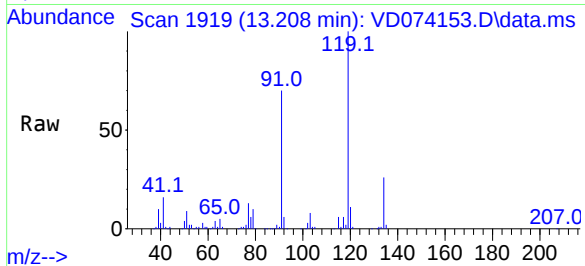




#83
tert-Butylbenzene
Concen: 20.104 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

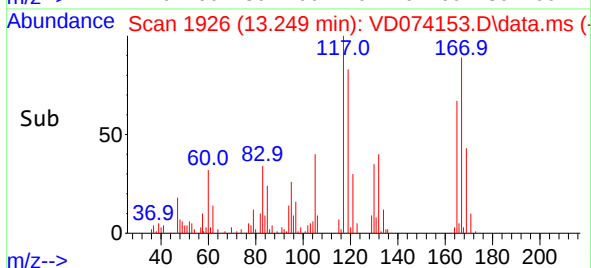
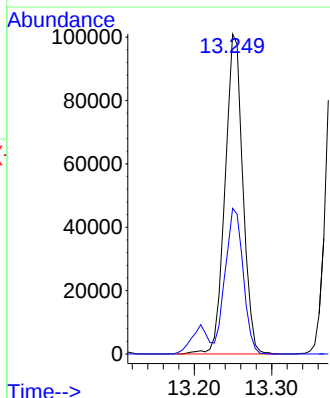
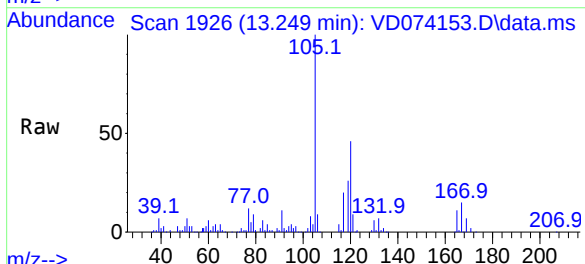
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

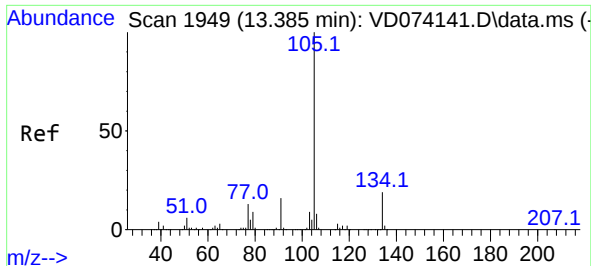
Tgt Ion:119 Resp: 133969
Ion Ratio Lower Upper
119 100
91 69.7 34.8 104.5
134 27.4 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.717 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion:105 Resp: 160821
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.8

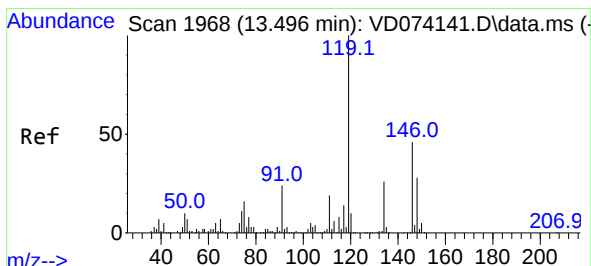
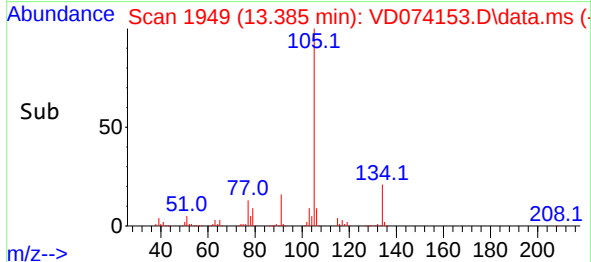
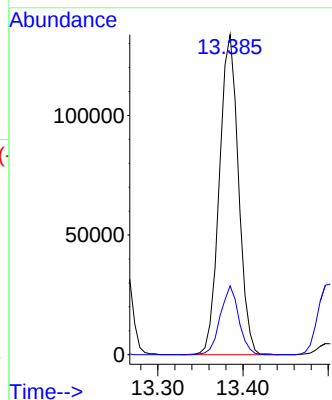
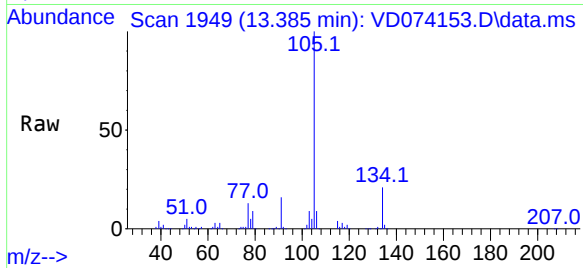




#85
 sec-Butylbenzene
 Concen: 20.575 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD074153.D
 Acq: 19 Aug 2022 17:27

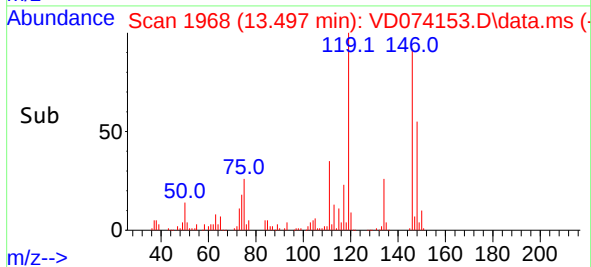
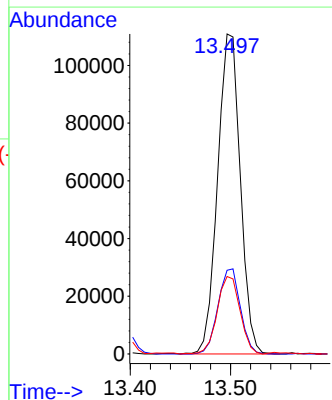
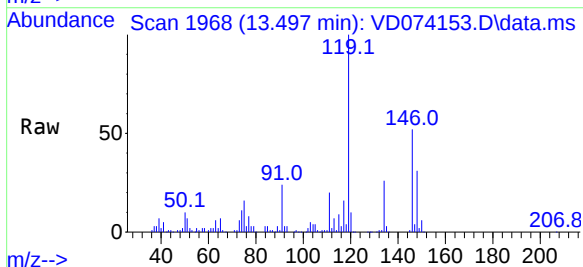
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBSD02

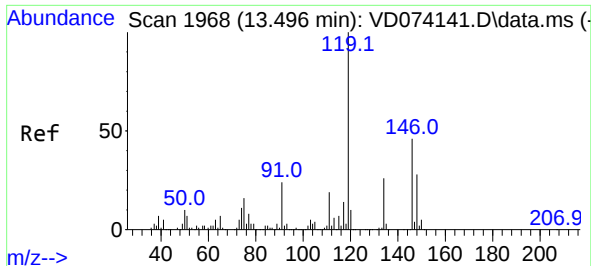
Tgt Ion:105 Resp: 208431
 Ion Ratio Lower Upper
 105 100
 134 20.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.682 ug/l
 RT: 13.497 min Scan# 1968
 Delta R.T. 0.001 min
 Lab File: VD074153.D
 Acq: 19 Aug 2022 17:27

Tgt Ion:119 Resp: 173937
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 24.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 21.415 ug/l

RT: 13.497 min Scan# 1968

Delta R.T. 0.001 min

Lab File: VD074153.D

Acq: 19 Aug 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS02

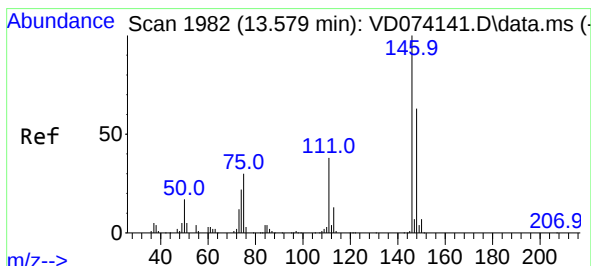
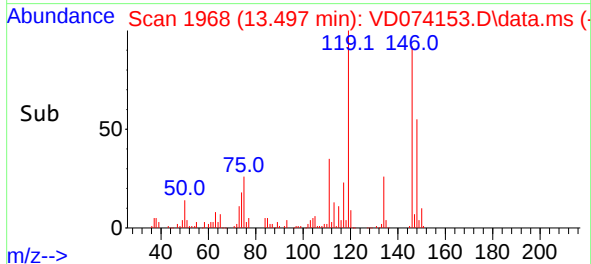
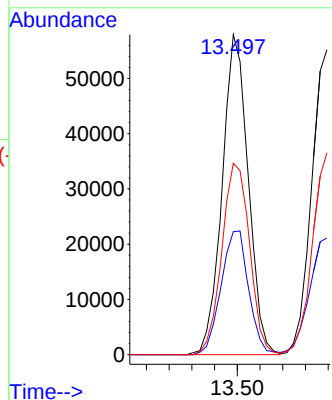
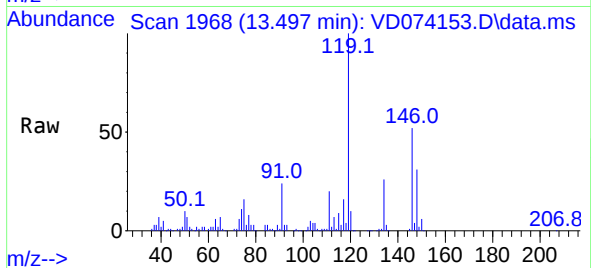
Tgt Ion:146 Resp: 92367

Ion Ratio Lower Upper

146 100

111 41.0 20.4 61.3

148 63.6 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 21.232 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD074153.D

Acq: 19 Aug 2022 17:27

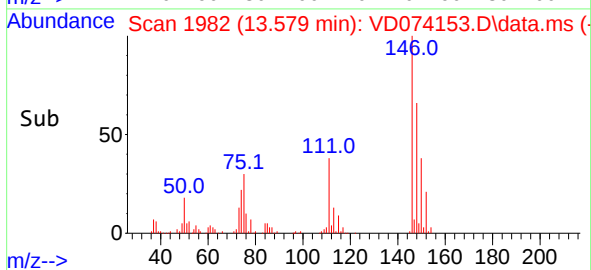
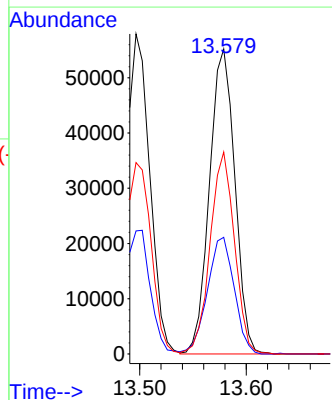
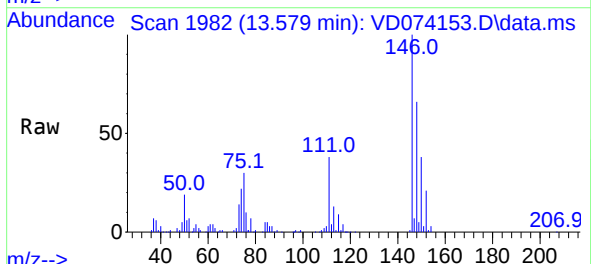
Tgt Ion:146 Resp: 91446

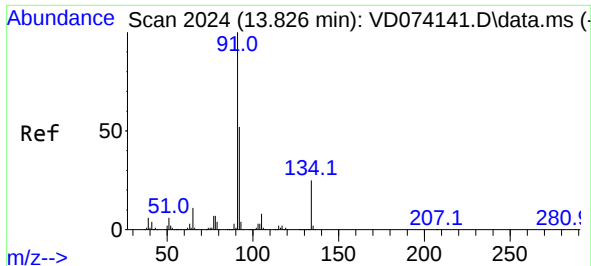
Ion Ratio Lower Upper

146 100

111 40.4 20.3 60.9

148 63.5 31.7 95.1





#89

n-Butylbenzene

Concen: 19.758 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD074153.D

Acq: 19 Aug 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBSD02

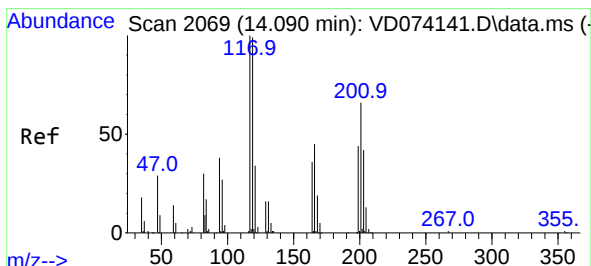
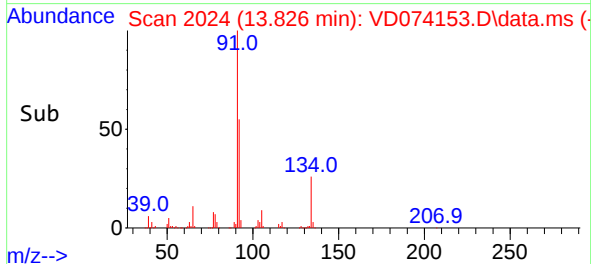
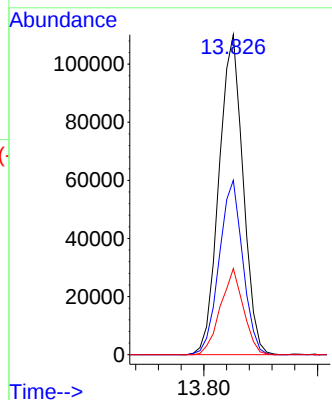
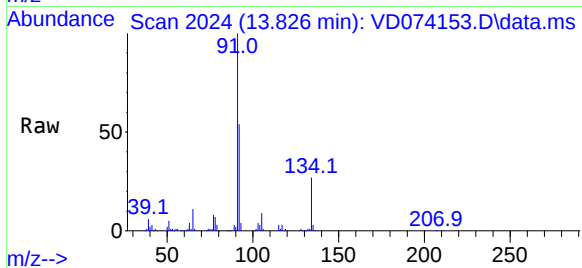
Tgt Ion: 91 Resp: 162049

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.8

134 25.6 12.3 36.9



#90

Hexachloroethane

Concen: 20.758 ug/l

RT: 14.091 min Scan# 2069

Delta R.T. 0.001 min

Lab File: VD074153.D

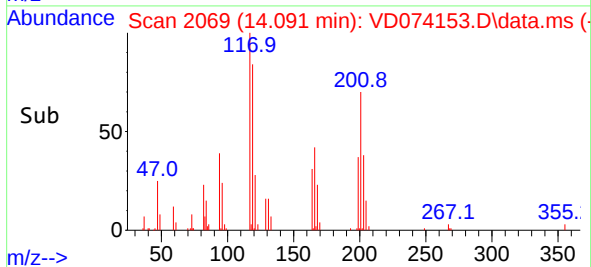
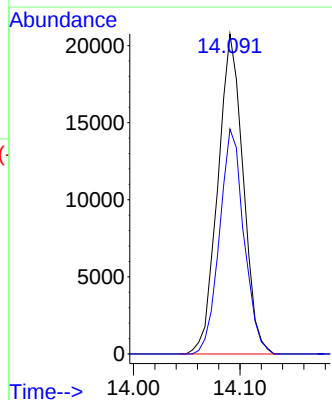
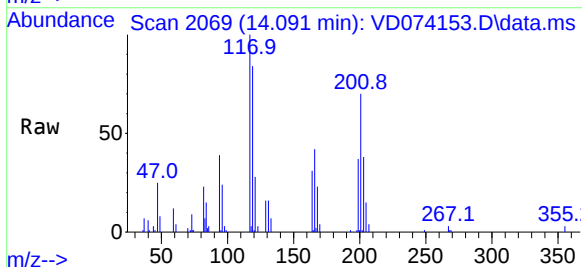
Acq: 19 Aug 2022 17:27

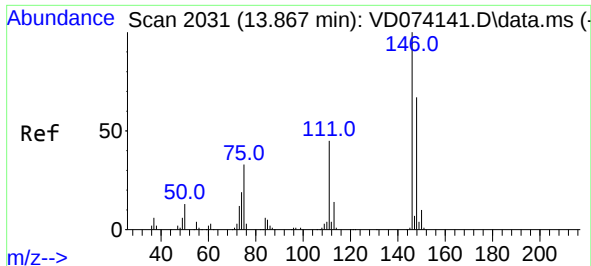
Tgt Ion: 117 Resp: 34120

Ion Ratio Lower Upper

117 100

201 68.1 33.4 100.2

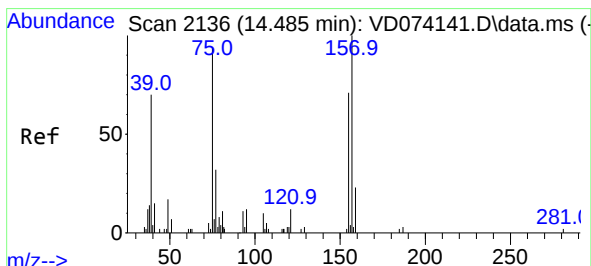
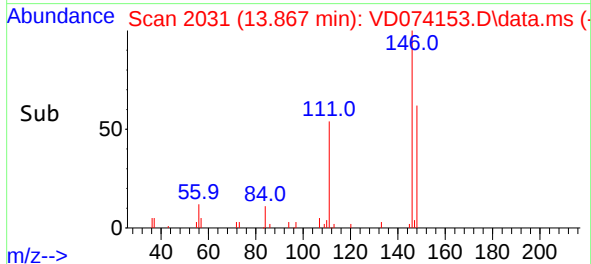
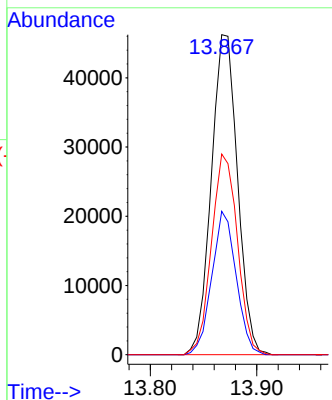
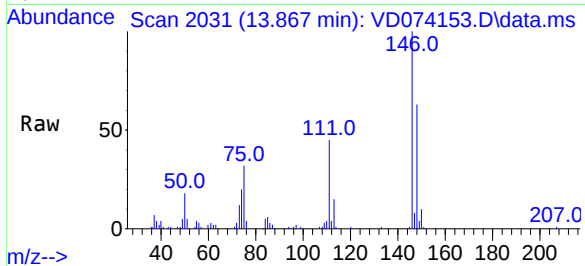




#91
1,2-Dichlorobenzene
Concen: 20.765 ug/l
RT: 13.867 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

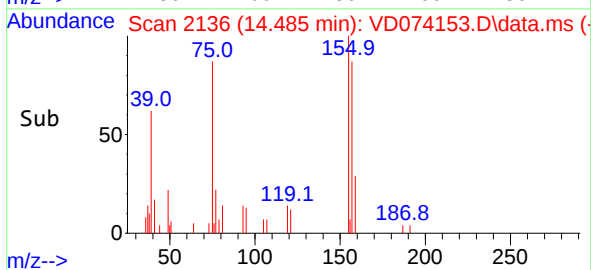
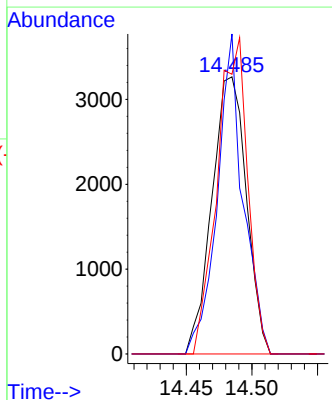
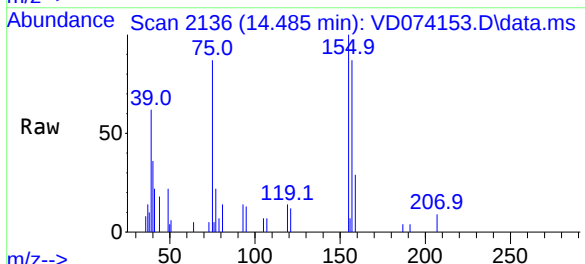
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

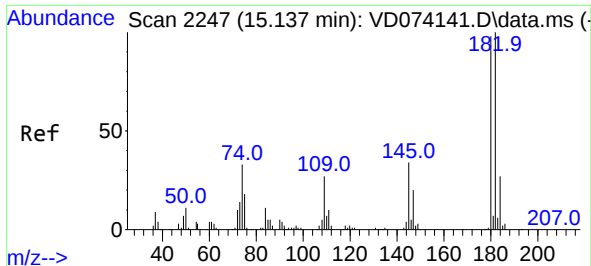
Tgt Ion:	146	Resp:	79158
Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.1	63.3
148	62.1	31.7	95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.301 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion:	75	Resp:	5977
Ion	Ratio	Lower	Upper
75	100		
155	86.6	36.8	110.3
157	101.0	48.4	145.0

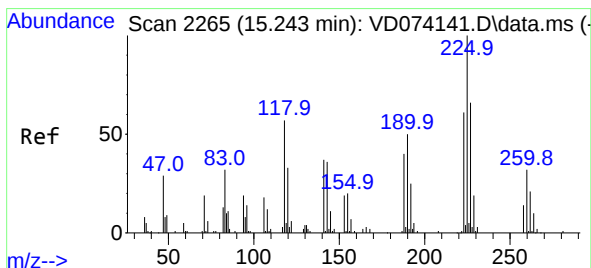
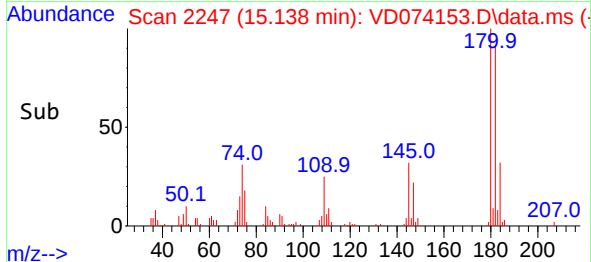
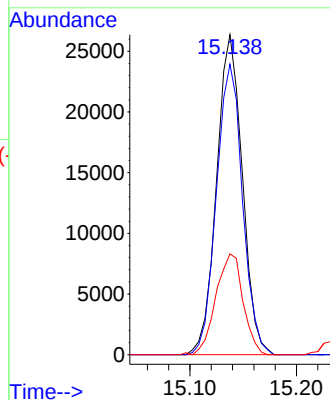
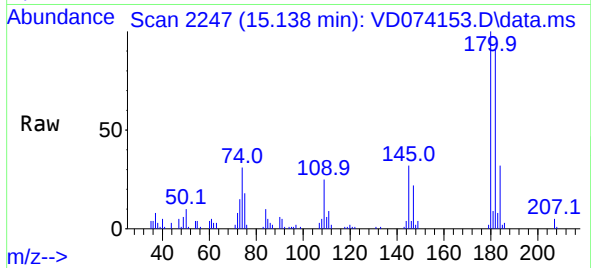




#93
1,2,4-Trichlorobenzene
Concen: 19.825 ug/l
RT: 15.138 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

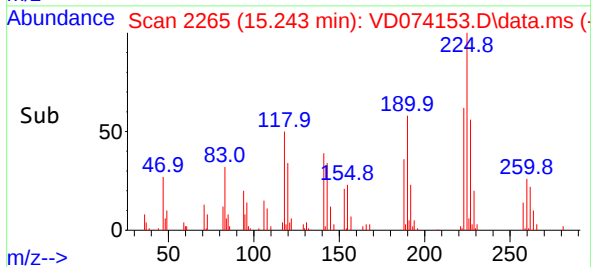
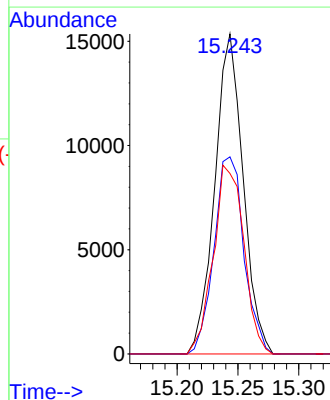
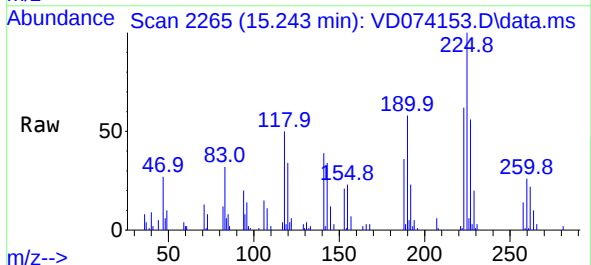
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

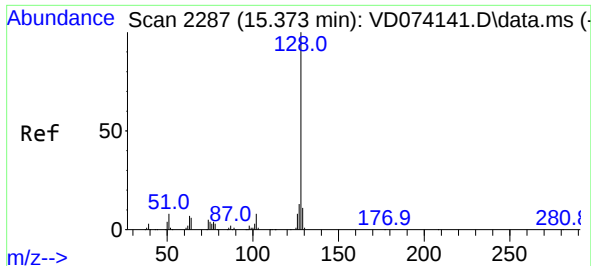
Tgt Ion:	180	Resp:	44184
Ion Ratio	Lower	Upper	
180	100		
182	92.0	47.3	142.0
145	33.3	16.2	48.5



#94
Hexachlorobutadiene
Concen: 21.029 ug/l
RT: 15.243 min Scan# 2265
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion:	225	Resp:	24859
Ion Ratio	Lower	Upper	
225	100		
223	65.2	31.1	93.2
227	63.4	32.4	97.0

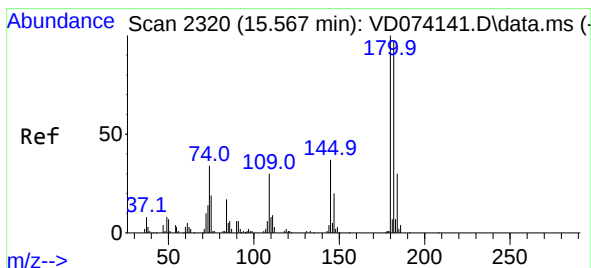
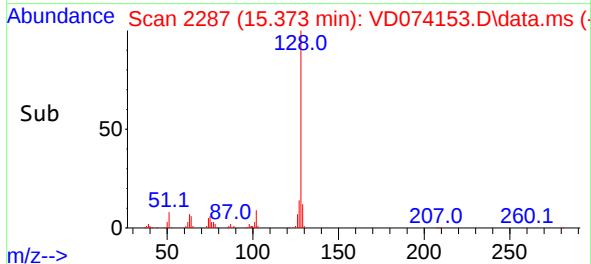
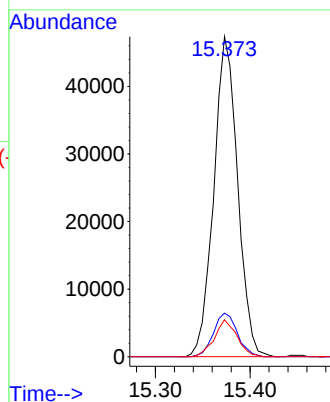
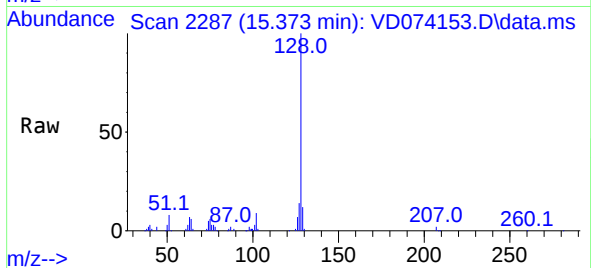




#95
Naphthalene
Concen: 18.335 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBSD02

Tgt Ion:	128	Resp:	82764
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	11.0	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.821 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. 0.000 min
Lab File: VD074153.D
Acq: 19 Aug 2022 17:27

Tgt Ion:	180	Resp:	38958
Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.9
145	36.2	17.1	51.3

