

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091222\
 Data File : VD074259.D
 Acq On : 12 Sep 2022 18:46
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 13 04:43:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	108101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	177266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	159358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	78893	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	56690	51.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.880%	
35) Dibromofluoromethane	7.799	113	59974	50.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.200%	
50) Toluene-d8	10.263	98	228690	52.629	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.260%	
62) 4-Bromofluorobenzene	12.563	95	72800	47.645	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.280%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	40987	48.535	ug/l	97
3) Chloromethane	2.140	50	37431	46.320	ug/l	96
4) Vinyl Chloride	2.269	62	35212	51.151	ug/l	100
5) Bromomethane	2.669	94	15855	43.736	ug/l	98
6) Chloroethane	2.816	64	22772	55.551	ug/l	100
7) Trichlorofluoromethane	3.158	101	69889	36.490	ug/l	96
8) Diethyl Ether	3.587	74	32375	52.392	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.946	101	59911	48.618	ug/l	99
10) Methyl Iodide	4.146	142	66768	45.464	ug/l	99
11) Tert butyl alcohol	5.069	59	22818	253.858	ug/l	98
12) 1,1-Dichloroethene	3.922	96	58055	48.804	ug/l	97
13) Acrolein	3.787	56	21841	228.603	ug/l	99
14) Allyl chloride	4.546	41	87752	47.533	ug/l	98
15) Acrylonitrile	5.252	53	77956	270.584	ug/l	99
16) Acetone	4.022	43	61078	268.491	ug/l	97
17) Carbon Disulfide	4.246	76	161218	46.981	ug/l	99
18) Methyl Acetate	4.558	43	37877	49.767	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	152359	52.873	ug/l	96
20) Methylene Chloride	4.793	84	84131	62.210	ug/l	96
21) trans-1,2-Dichloroethene	5.293	96	67052	49.967	ug/l	96
22) Diisopropyl ether	6.210	45	206296	52.657	ug/l	99
23) Vinyl Acetate	6.146	43	534664	289.010	ug/l	99
24) 1,1-Dichloroethane	6.099	63	124595	51.483	ug/l	96
25) 2-Butanone	7.081	43	98034	258.387	ug/l	97
26) 2,2-Dichloropropane	7.069	77	101757	48.126	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	78457	51.168	ug/l	98
28) Bromochloromethane	7.416	49	40108	53.963	ug/l	98
29) Tetrahydrofuran	7.440	42	64350	275.111	ug/l	99
30) Chloroform	7.587	83	126464	52.649	ug/l	87
31) Cyclohexane	7.869	56	104720	45.978	ug/l	98
32) 1,1,1-Trichloroethane	7.787	97	108035	51.260	ug/l	99
36) 1,1-Dichloropropene	7.999	75	95344	49.693	ug/l	100
37) Ethyl Acetate	7.169	43	45562	54.759	ug/l	99
38) Carbon Tetrachloride	7.981	117	91763	52.861	ug/l	96
39) Methylcyclohexane	9.263	83	115643	48.690	ug/l	97
40) Benzene	8.246	78	270596	50.961	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	26290	56.728	ug/l	95
42) 1,2-Dichloroethane	8.322	62	74021	52.750	ug/l	99
43) Isopropyl Acetate	8.357	43	85651	53.294	ug/l	99
44) Trichloroethene	9.022	130	73983	50.196	ug/l	93
45) 1,2-Dichloropropane	9.299	63	71454	51.777	ug/l	98
46) Dibromomethane	9.387	93	37124	51.813	ug/l	100
47) Bromodichloromethane	9.575	83	96482	53.523	ug/l	93
48) Methyl methacrylate	9.375	41	41027	54.049	ug/l	99
49) 1,4-Dioxane	9.375	88	10401	1225.834	ug/l	97
51) 4-Methyl-2-Pentanone	10.151	43	226193	278.463	ug/l	99
52) Toluene	10.328	92	173678	50.994	ug/l	99
53) t-1,3-Dichloropropene	10.545	75	92427	54.394	ug/l	99
54) cis-1,3-Dichloropropene	10.010	75	109748	52.421	ug/l	98
55) 1,1,2-Trichloroethane	10.728	97	53118	53.629	ug/l	96
56) Ethyl methacrylate	10.593	69	72734	55.269	ug/l	99
57) 1,3-Dichloropropane	10.869	76	92579	52.962	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.863	63	57752	236.944	ug/l	100
59) 2-Hexanone	10.916	43	155428	281.778	ug/l	100
60) Dibromochloromethane	11.063	129	65234	54.085	ug/l	99
61) 1,2-Dibromoethane	11.169	107	50892	53.985	ug/l	99
64) Tetrachloroethene	10.798	164	58739	48.208	ug/l	91
65) Chlorobenzene	11.598	112	185132	51.677	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.669	131	67947	52.956	ug/l	100
67) Ethyl Benzene	11.675	91	345772	51.670	ug/l	99
68) m/p-Xylenes	11.781	106	263614	103.792	ug/l	99
69) o-Xylene	12.110	106	124347	51.805	ug/l	97
70) Styrene	12.122	104	213666	53.372	ug/l	100
71) Bromoform	12.287	173	39757	55.656	ug/l #	99
73) Isopropylbenzene	12.410	105	334218	50.071	ug/l	100
74) N-amyl acetate	12.222	43	84238	53.590	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.657	83	63650	52.370	ug/l	100
76) 1,2,3-Trichloropropane	12.710	75	73921	91.399	ug/l #	100
77) Bromobenzene	12.687	156	75819	51.762	ug/l	97
78) n-propylbenzene	12.751	91	410048	50.097	ug/l	99
79) 2-Chlorotoluene	12.834	91	220702	49.847	ug/l	100
80) 1,3,5-Trimethylbenzene	12.892	105	272901	49.347	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.457	75	17552	53.508	ug/l #	100
82) 4-Chlorotoluene	12.934	91	224488	49.801	ug/l	98
83) tert-Butylbenzene	13.151	119	239465	49.472	ug/l	99
84) 1,2,4-Trimethylbenzene	13.198	105	270837	50.448	ug/l	100
85) sec-Butylbenzene	13.328	105	363644	49.594	ug/l	99
86) p-Isopropyltoluene	13.445	119	305358	50.986	ug/l	99
87) 1,3-Dichlorobenzene	13.445	146	150598	50.411	ug/l	98
88) 1,4-Dichlorobenzene	13.522	146	148218	50.453	ug/l	99
89) n-Butylbenzene	13.769	91	298505	51.006	ug/l	99
90) Hexachloroethane	14.039	117	56655	51.712	ug/l	99
91) 1,2-Dichlorobenzene	13.816	146	131337	50.552	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.428	75	9424	55.181	ug/l	95
93) 1,2,4-Trichlorobenzene	15.081	180	91146	50.754	ug/l	99
94) Hexachlorobutadiene	15.186	225	51997	50.667	ug/l	98
95) Naphthalene	15.310	128	181623	54.124	ug/l	99
96) 1,2,3-Trichlorobenzene	15.504	180	80819	52.422	ug/l	99

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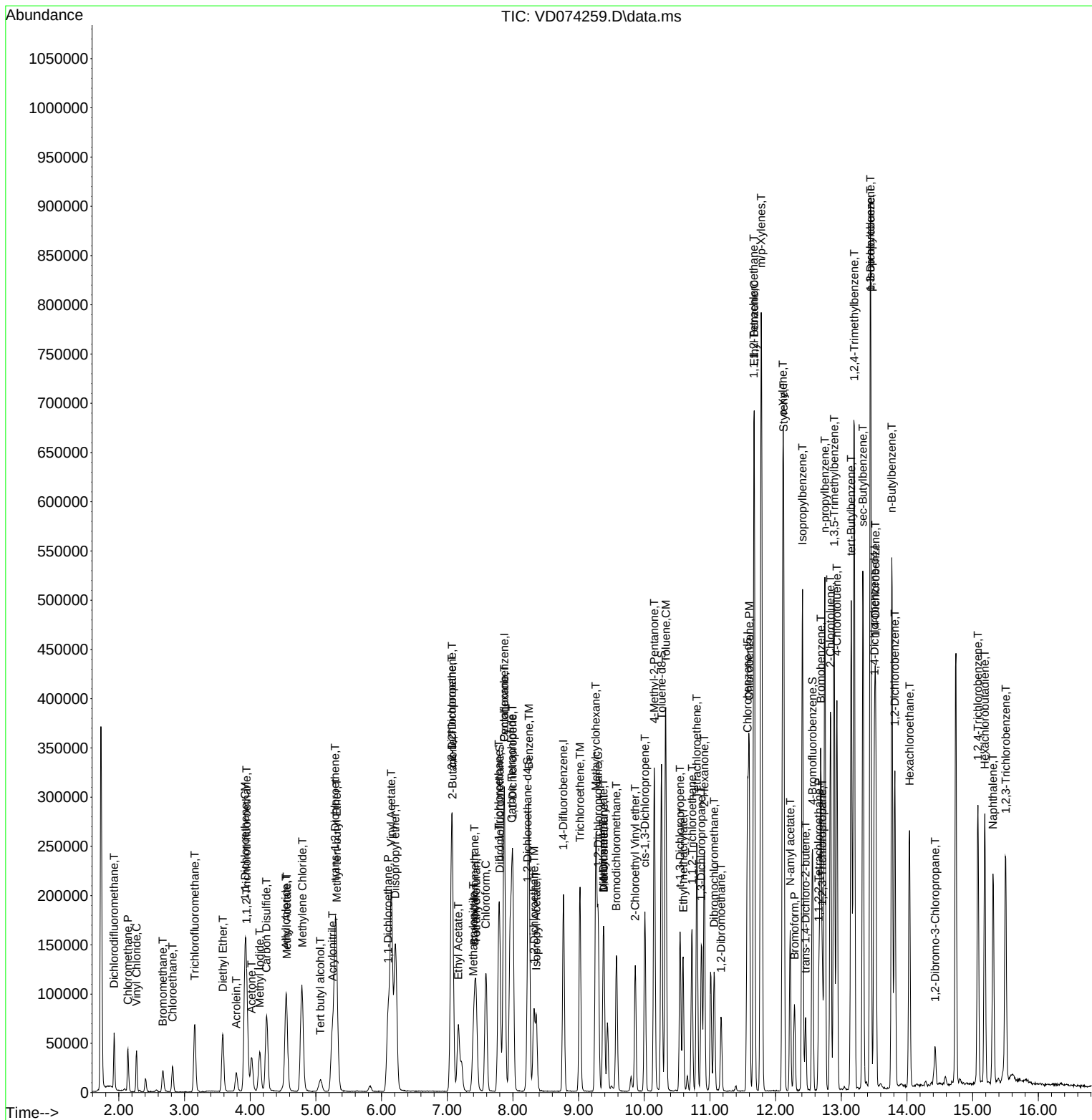
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MSVOA_D
ClientSampleId :
VSTDCCC050EC

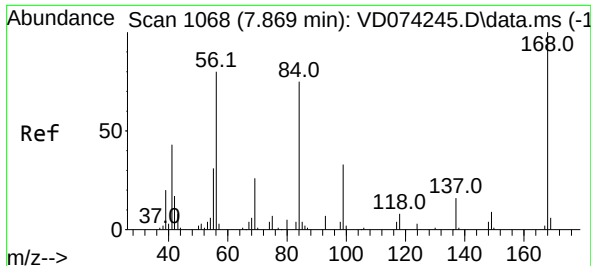
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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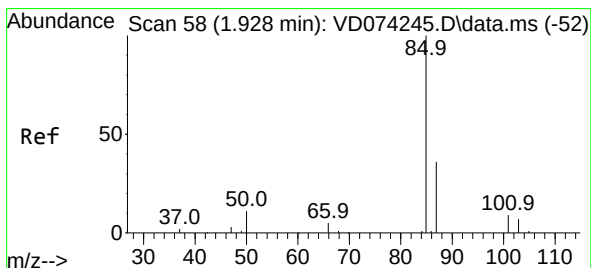
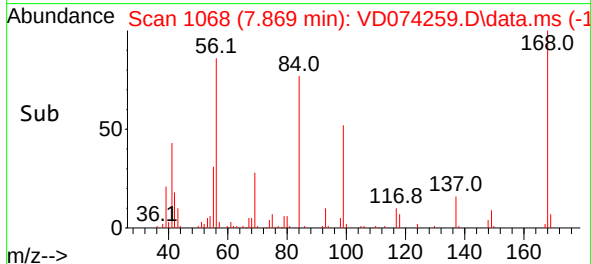
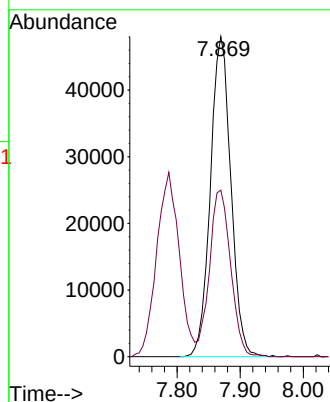
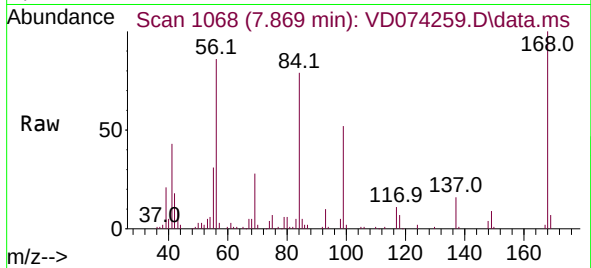




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD074259.D
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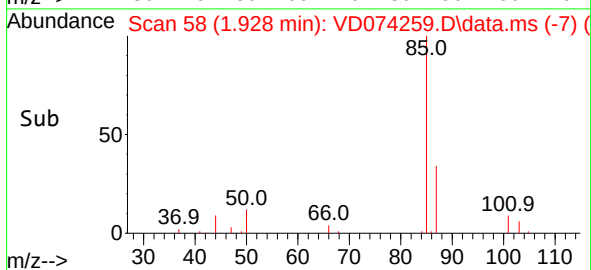
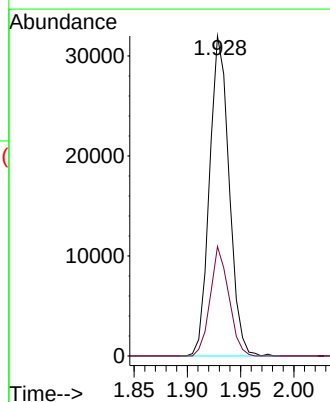
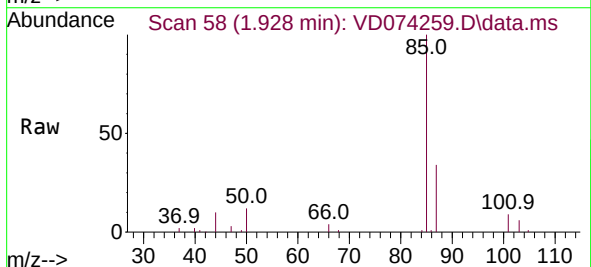
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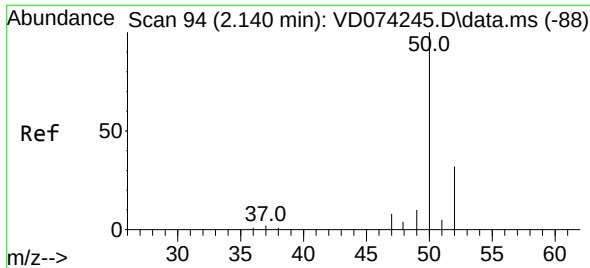
Tgt Ion:168 Resp: 108101
Ion Ratio Lower Upper
168 100
99 52.1 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 48.535 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion: 85 Resp: 40987
Ion Ratio Lower Upper
85 100
87 34.2 17.9 53.7

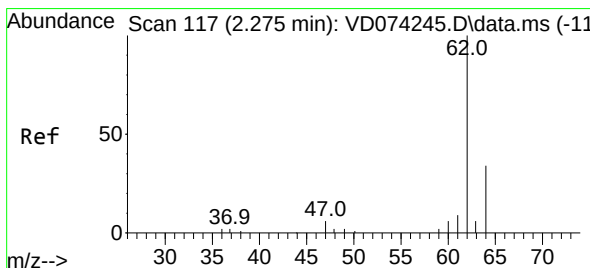
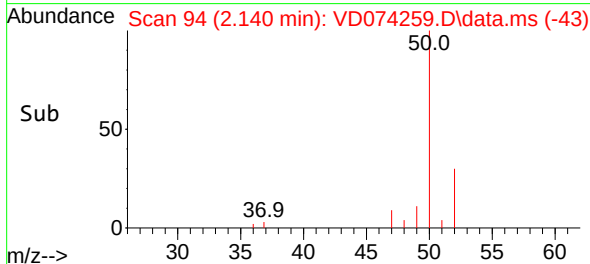
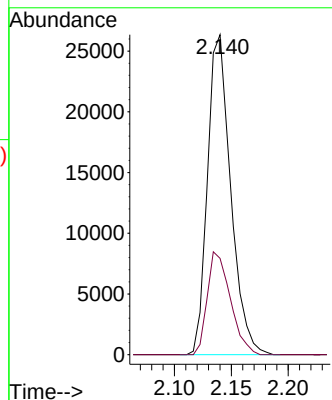
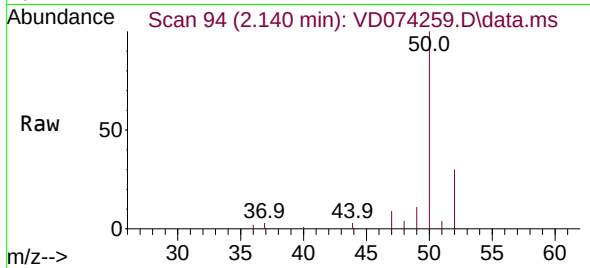




#3
Chloromethane
Concen: 46.320 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

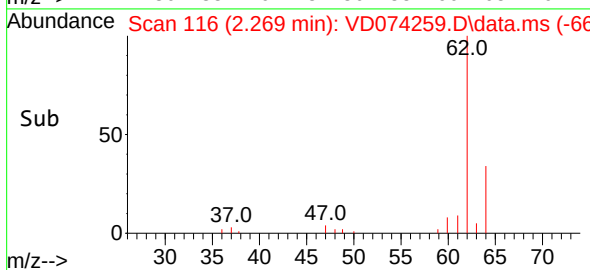
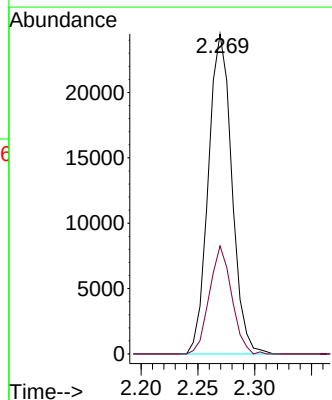
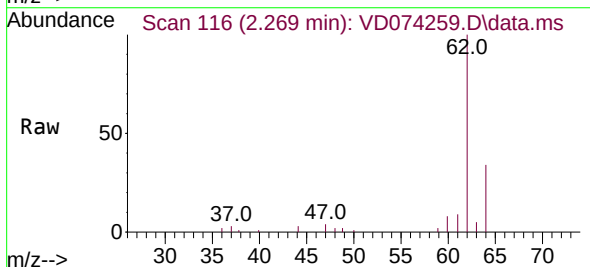
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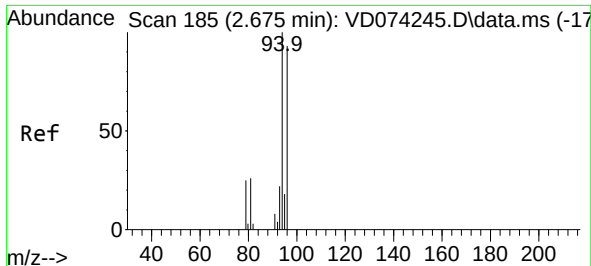
Tgt Ion: 50 Resp: 37431
Ion Ratio Lower Upper
50 100
52 30.1 25.8 38.8



#4
Vinyl Chloride
Concen: 51.151 ug/l
RT: 2.269 min Scan# 116
Delta R.T. -0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion: 62 Resp: 35212
Ion Ratio Lower Upper
62 100
64 33.7 27.0 40.4

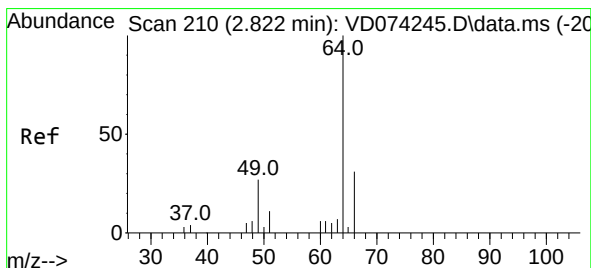
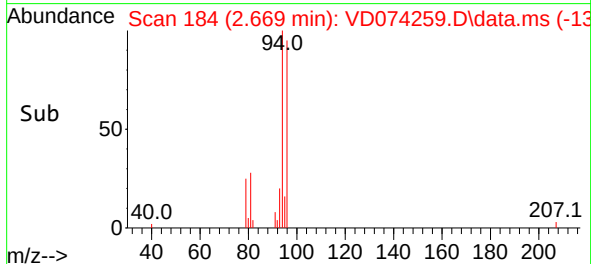
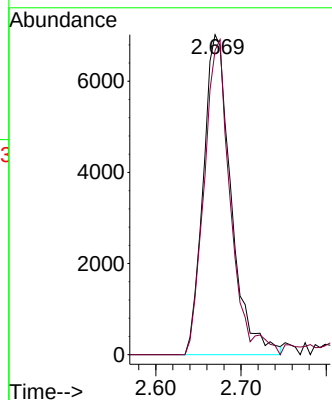
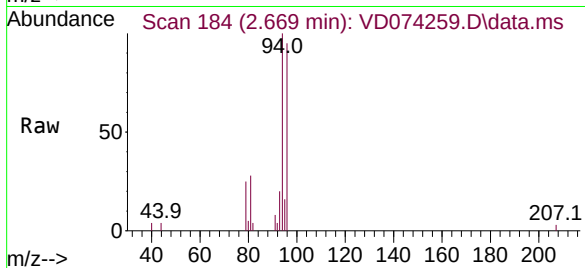




#5
Bromomethane
Concen: 43.736 ug/l
RT: 2.669 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

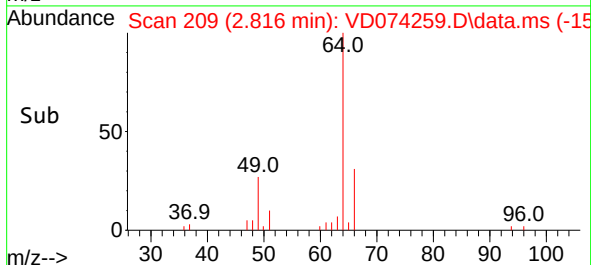
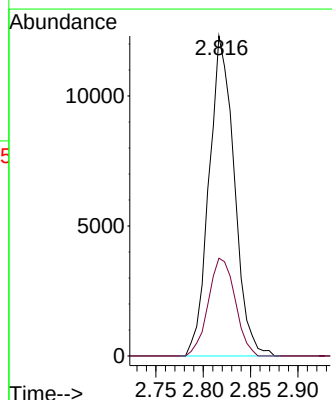
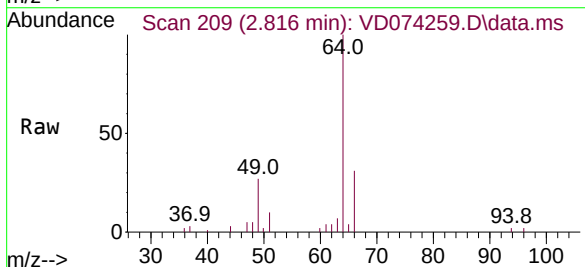
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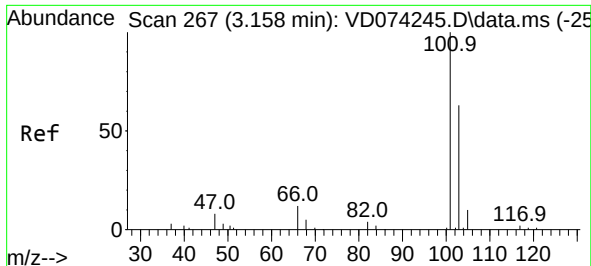
Tgt Ion: 94 Resp: 15855
Ion Ratio Lower Upper
94 100
96 95.2 74.6 112.0



#6
Chloroethane
Concen: 55.551 ug/l
RT: 2.816 min Scan# 209
Delta R.T. -0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion: 64 Resp: 22772
Ion Ratio Lower Upper
64 100
66 30.6 24.6 36.8

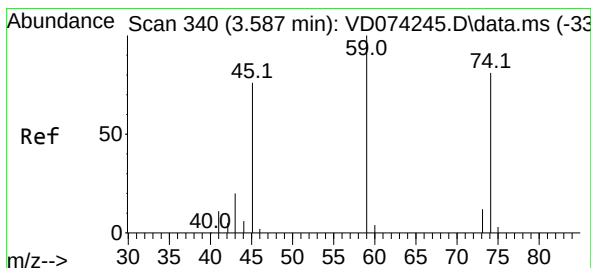
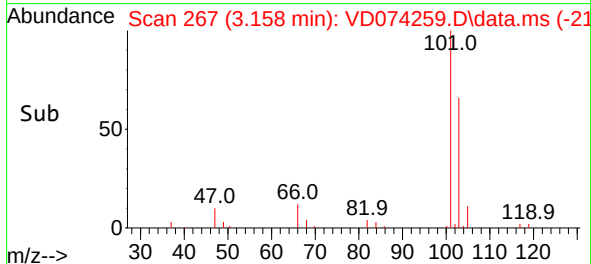
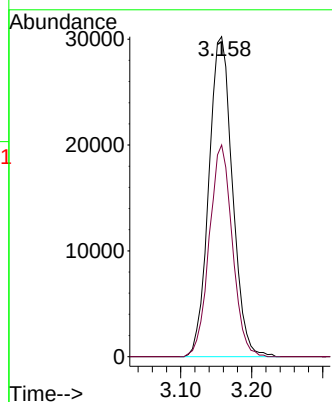
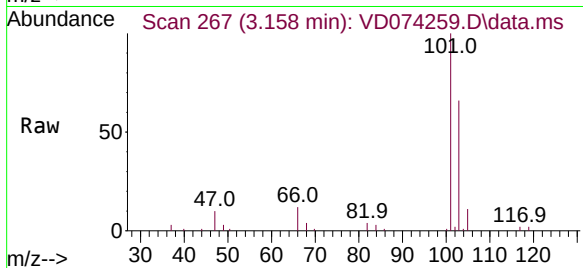




#7
 Trichlorofluoromethane
 Concen: 36.490 ug/l
 RT: 3.158 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VD074259.D
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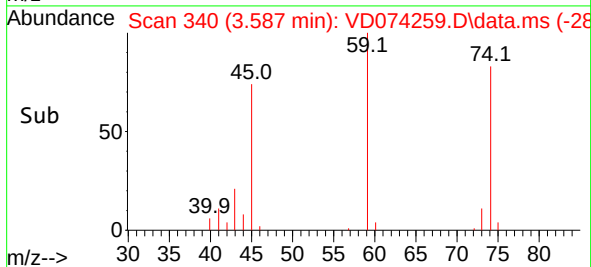
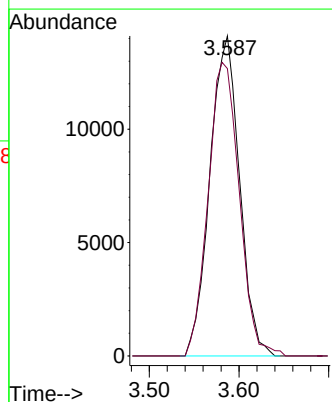
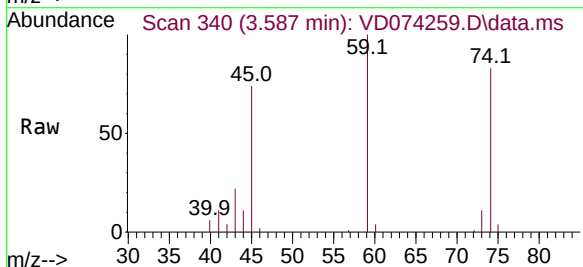
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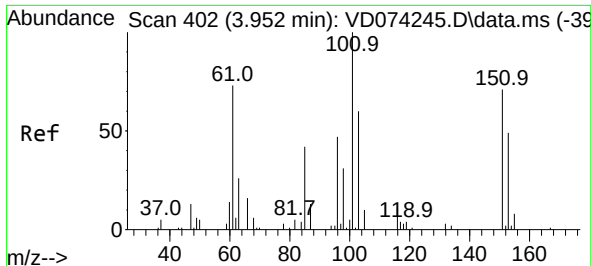
Tgt Ion:101 Resp: 69889
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.6 76.0



#8
 Diethyl Ether
 Concen: 52.392 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VD074259.D
 Acq: 12 Sep 2022 18:46

Tgt Ion: 74 Resp: 32375
 Ion Ratio Lower Upper
 74 100
 45 96.3 47.9 143.6

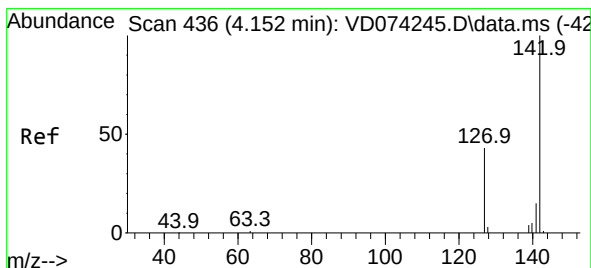
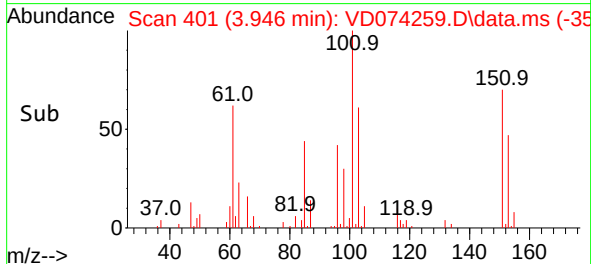
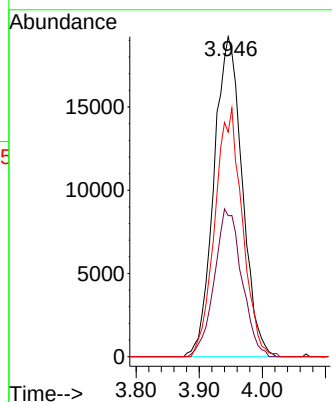
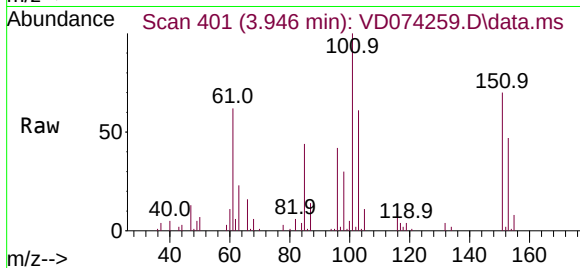




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.618 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
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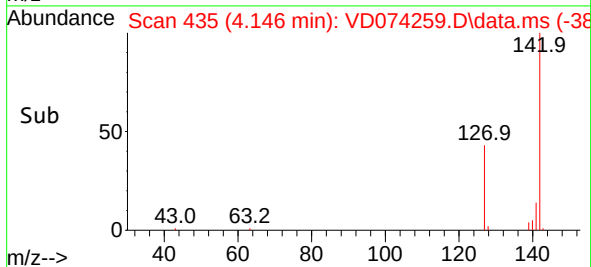
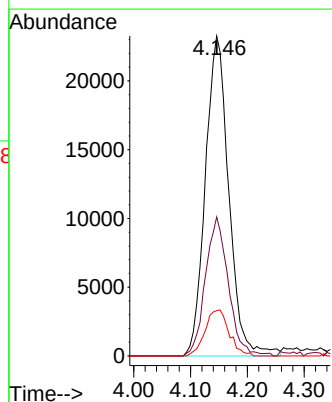
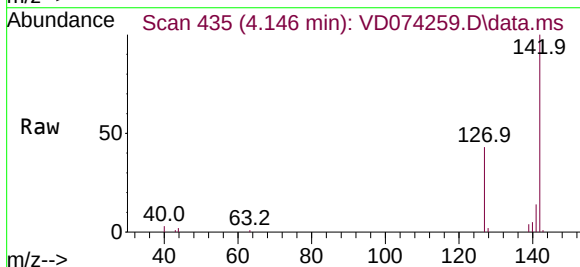
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

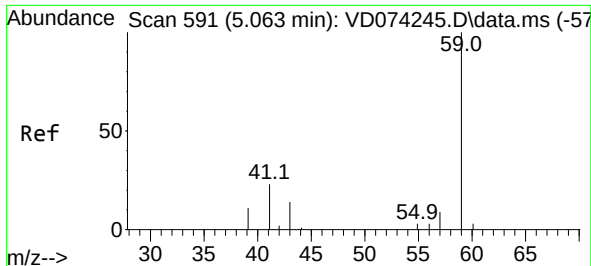
Tgt Ion:101 Resp: 59911
Ion Ratio Lower Upper
101 100
85 44.7 35.0 52.4
151 75.2 59.7 89.5



#10
Methyl Iodide
Concen: 45.464 ug/l
RT: 4.146 min Scan# 435
Delta R.T. -0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion:142 Resp: 66768
Ion Ratio Lower Upper
142 100
127 42.4 34.6 51.8
141 14.7 11.7 17.5

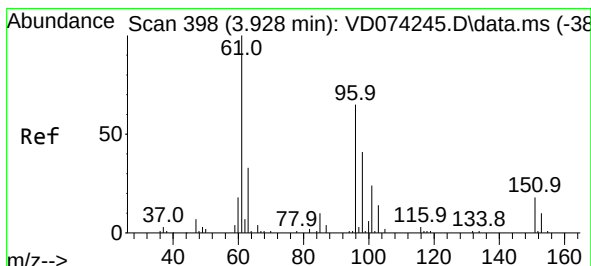
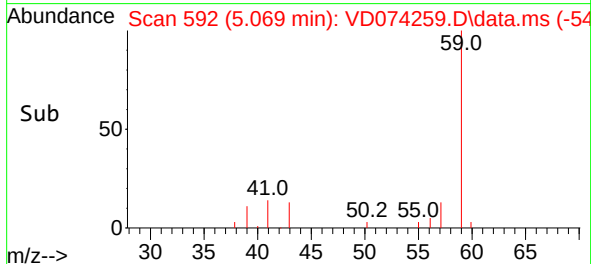
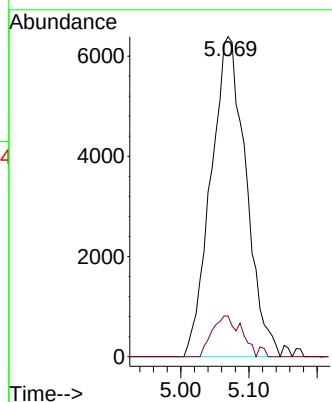
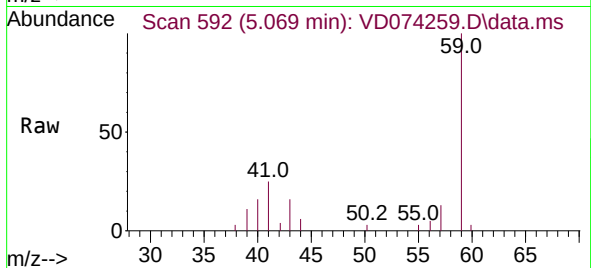




#11
Tert butyl alcohol
Concen: 253.858 ug/l
RT: 5.069 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

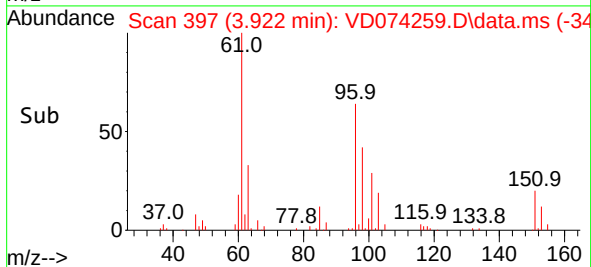
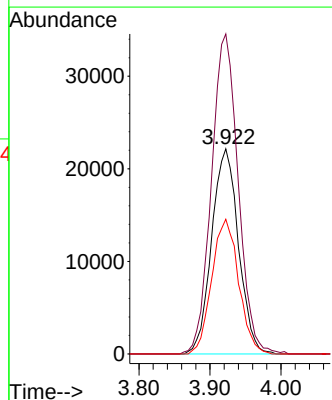
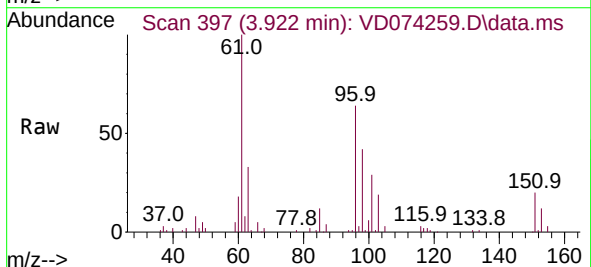
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

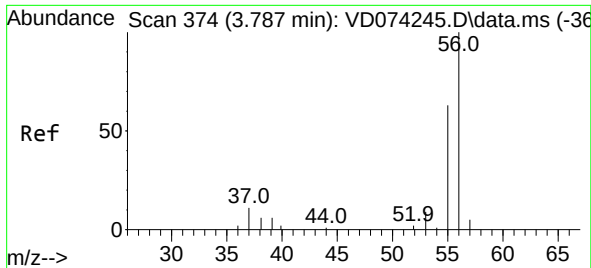
Tgt Ion: 59 Resp: 22818
Ion Ratio Lower Upper
59 100
57 10.5 7.7 11.5



#12
1,1-Dichloroethene
Concen: 48.804 ug/l
RT: 3.922 min Scan# 397
Delta R.T. -0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion: 96 Resp: 58055
Ion Ratio Lower Upper
96 100
61 156.0 122.3 183.5
98 65.7 50.7 76.1





#13

Acrolein

Concen: 228.603 ug/l

RT: 3.787 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

Instrument :

MSVOA_D

ClientSampleId :

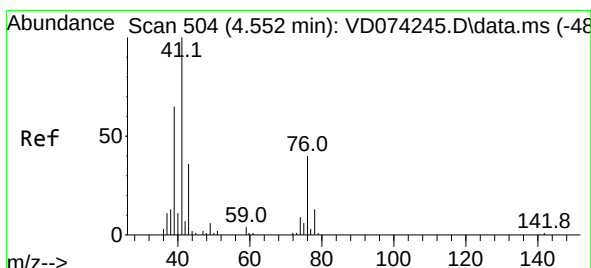
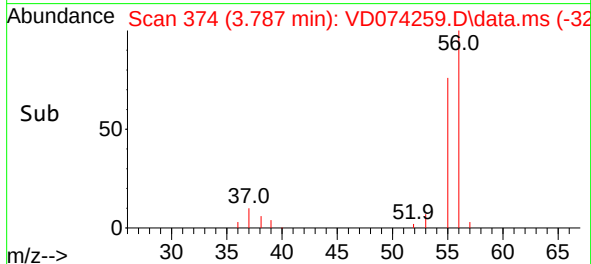
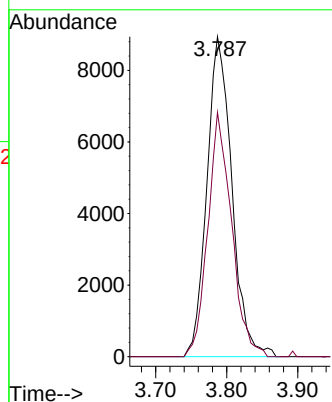
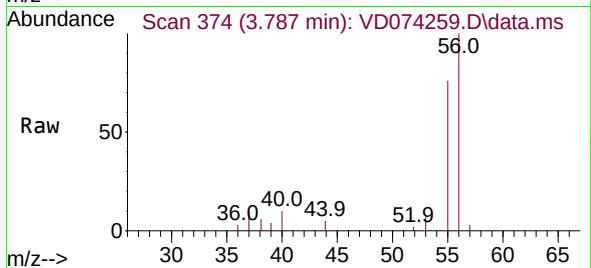
VSTDCCC050EC

Tgt Ion: 56 Resp: 21841

Ion Ratio Lower Upper

56 100

55 72.7 57.4 86.2



#14

Allyl chloride

Concen: 47.533 ug/l

RT: 4.546 min Scan# 503

Delta R.T. -0.006 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

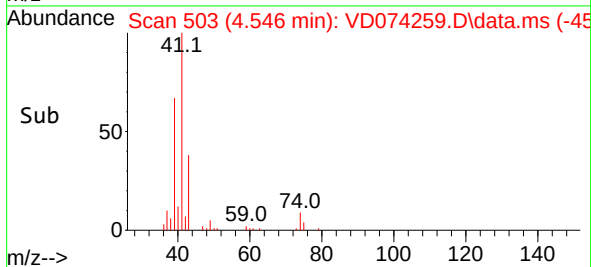
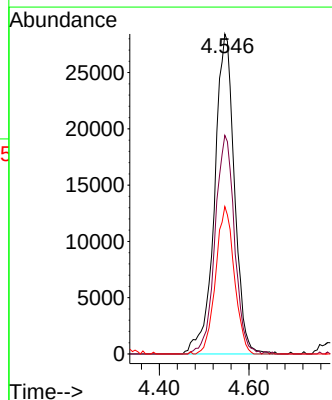
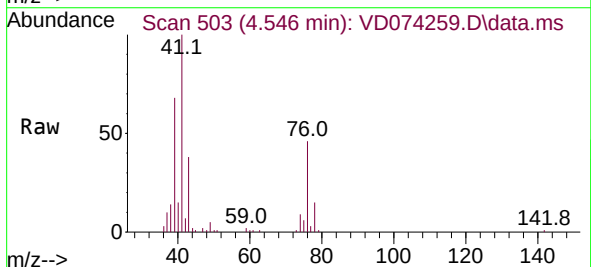
Tgt Ion: 41 Resp: 87752

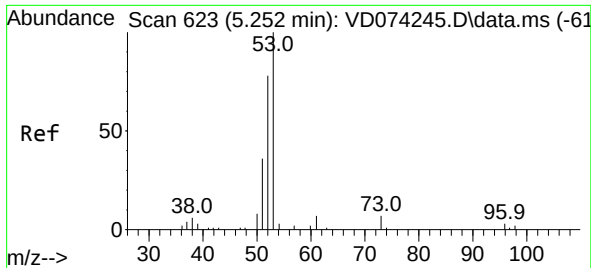
Ion Ratio Lower Upper

41 100

39 66.8 52.8 79.2

76 42.9 32.9 49.3

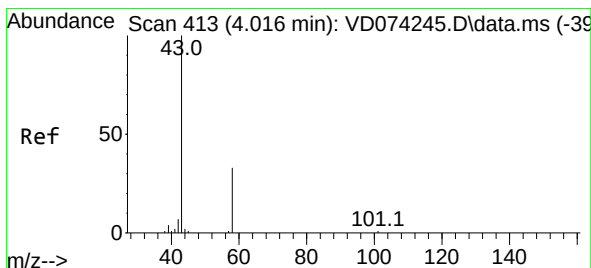
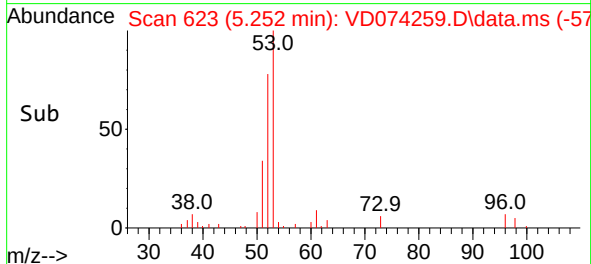
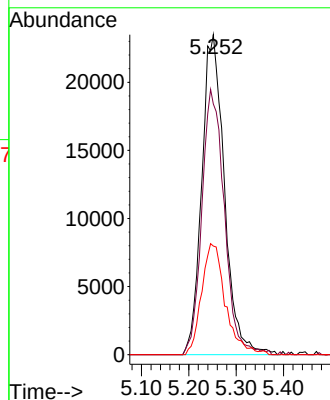
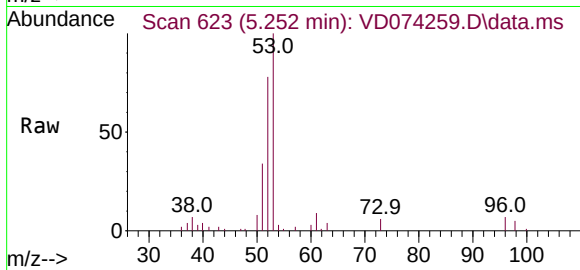




#15
Acrylonitrile
Concen: 270.584 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

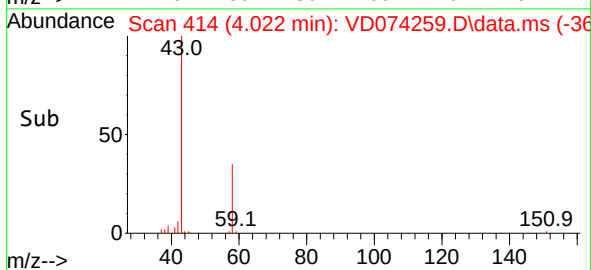
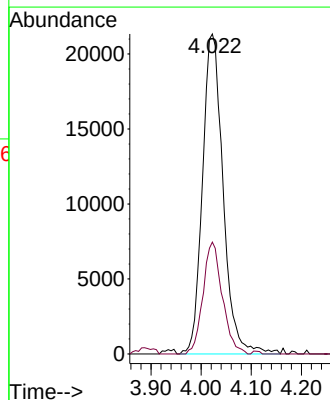
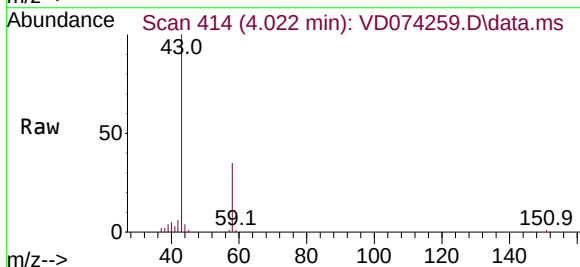
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

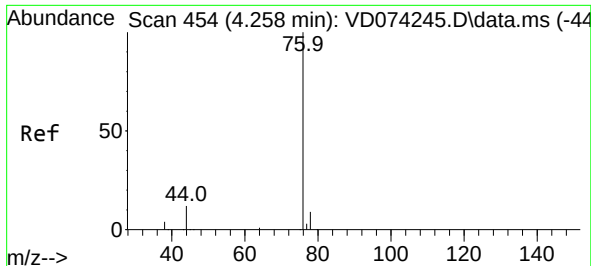
Tgt Ion:	53	Resp:	77956
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.3	97.9
51	36.3	29.0	43.6



#16
Acetone
Concen: 268.491 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion:	43	Resp:	61078
Ion	Ratio	Lower	Upper
43	100		
58	35.0	26.4	39.6





#17

Carbon Disulfide

Concen: 46.981 ug/l

RT: 4.246 min Scan# 4

Delta R.T. -0.012 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

Instrument :

MSVOA_D

ClientSampleId :

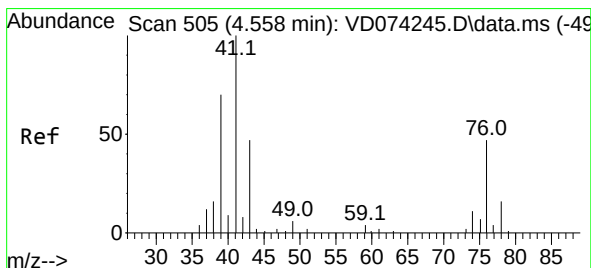
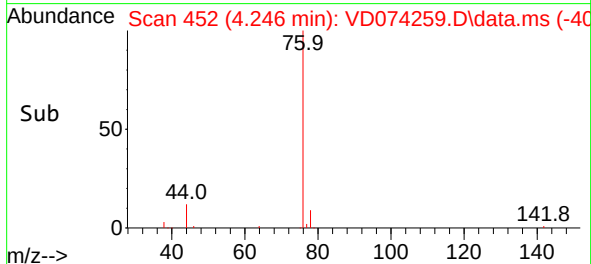
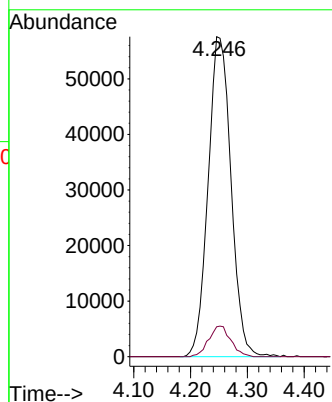
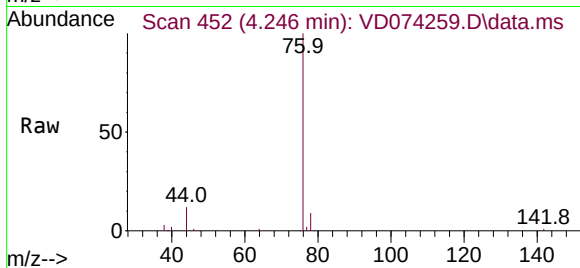
VSTDCCC050EC

Tgt Ion: 76 Resp: 161218

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



#18

Methyl Acetate

Concen: 49.767 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.000 min

Lab File: VD074259.D

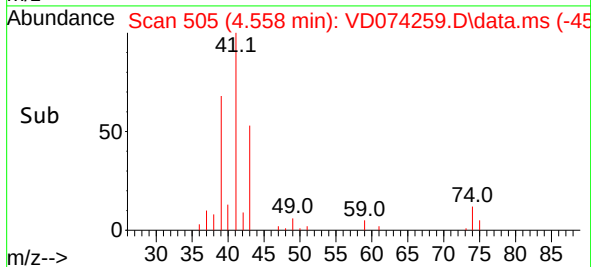
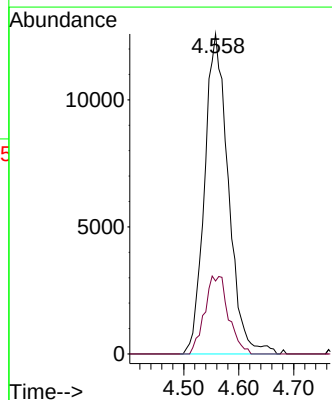
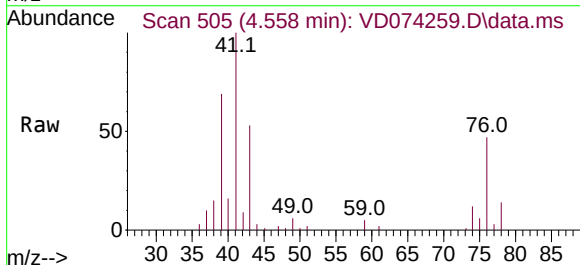
Acq: 12 Sep 2022 18:46

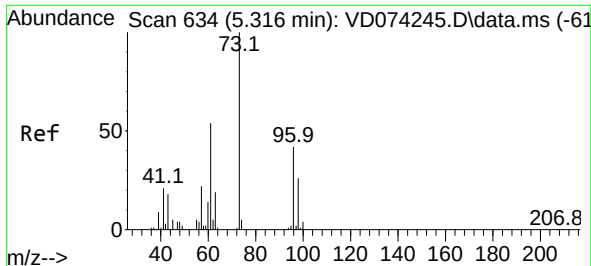
Tgt Ion: 43 Resp: 37877

Ion Ratio Lower Upper

43 100

74 24.3 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 52.873 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

Instrument :

MSVOA_D

ClientSampleId :

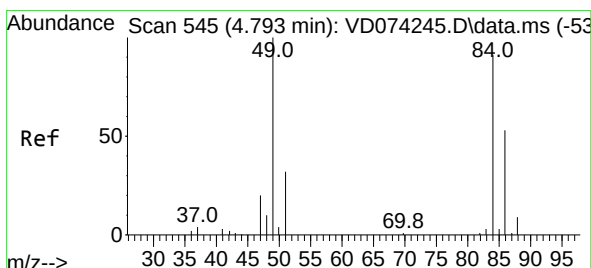
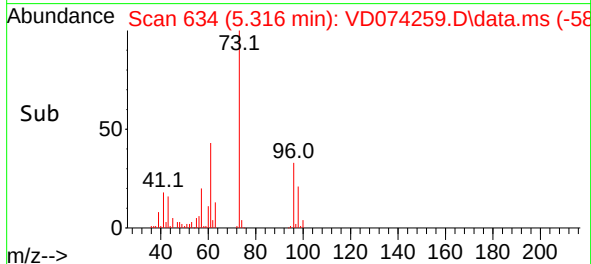
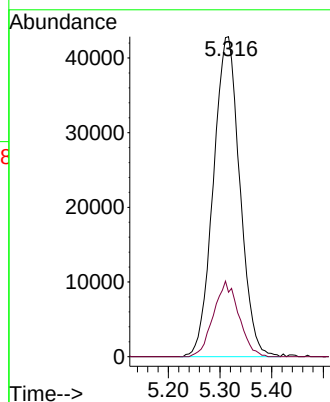
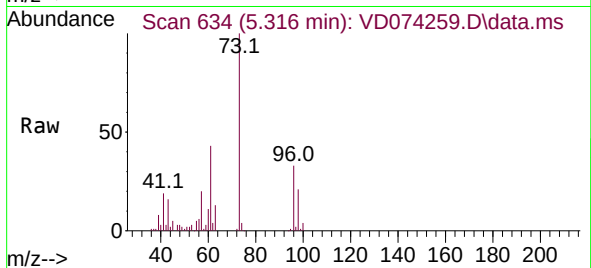
VSTDCCC050EC

Tgt Ion: 73 Resp: 152359

Ion Ratio Lower Upper

73 100

57 20.2 17.8 26.6



#20

Methylene Chloride

Concen: 62.210 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.000 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

Tgt Ion: 84 Resp: 84131

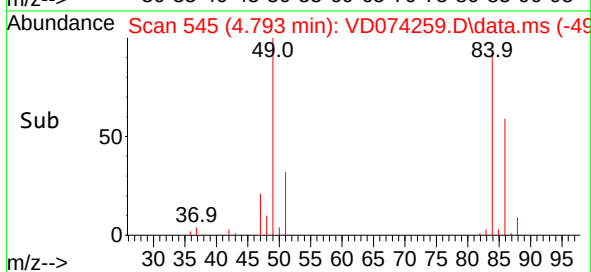
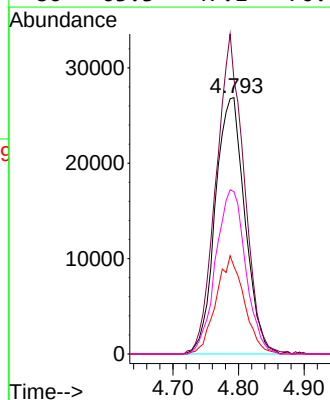
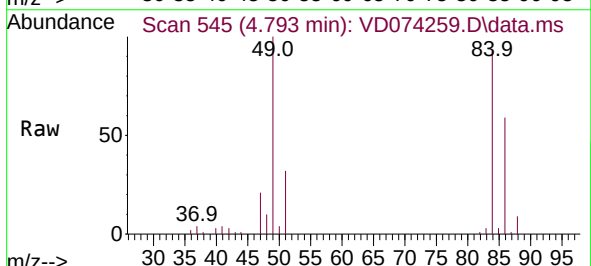
Ion Ratio Lower Upper

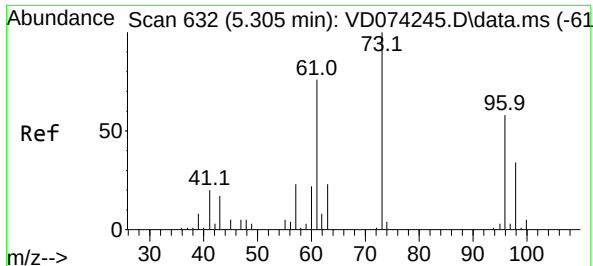
84 100

49 107.0 88.4 132.6

51 34.2 28.0 42.0

86 63.3 47.1 70.7

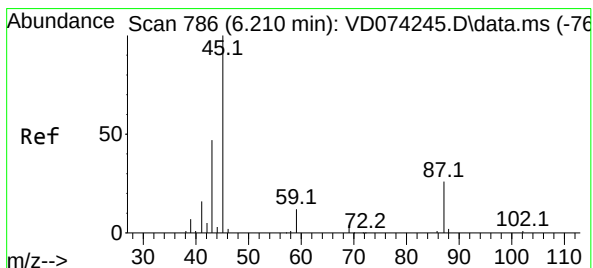
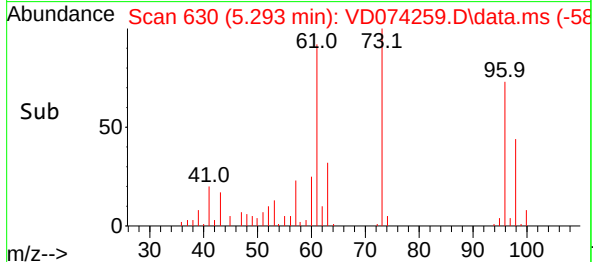
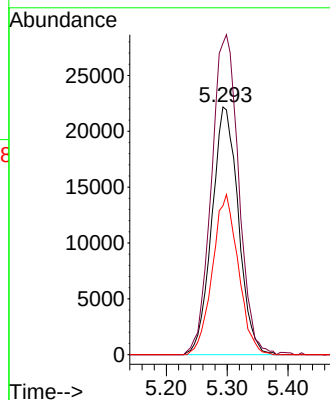
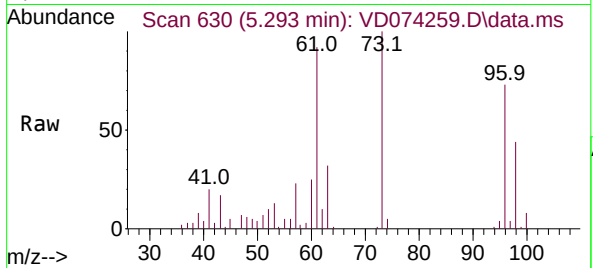




#21
trans-1,2-Dichloroethene
Concen: 49.967 ug/l
RT: 5.293 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

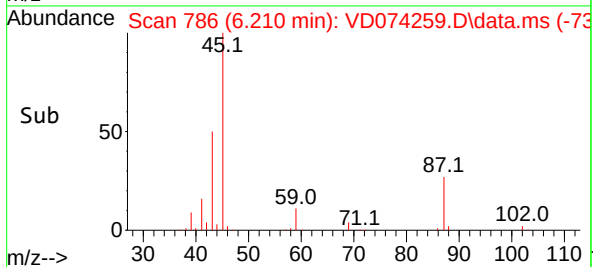
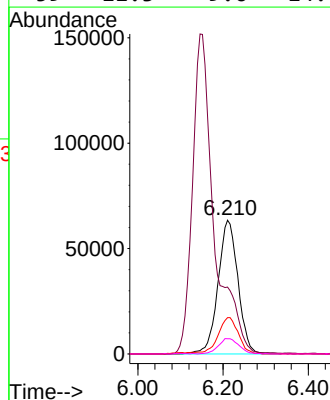
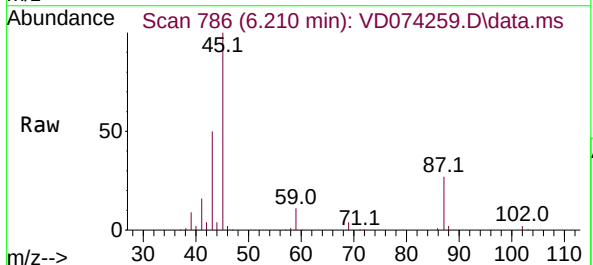
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

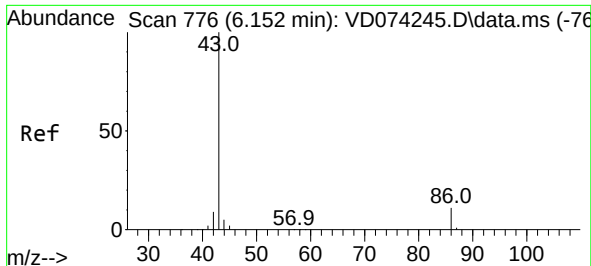
Tgt Ion: 96 Resp: 67052
Ion Ratio Lower Upper
96 100
61 125.7 105.1 157.7
98 60.1 47.4 71.2



#22
Diisopropyl ether
Concen: 52.657 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion: 45 Resp: 206296
Ion Ratio Lower Upper
45 100
43 49.3 38.9 58.3
87 27.1 21.0 31.4
59 11.3 9.6 14.4

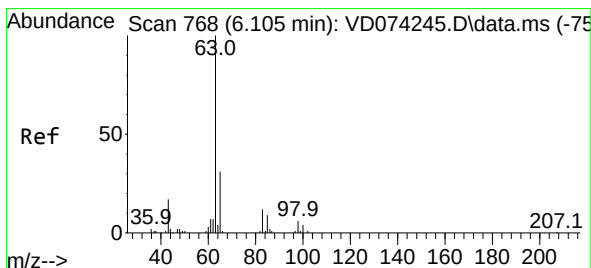
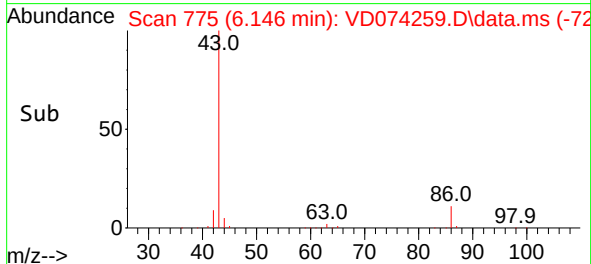
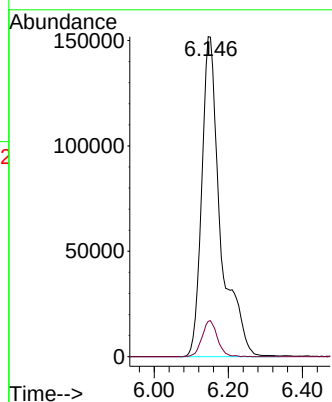
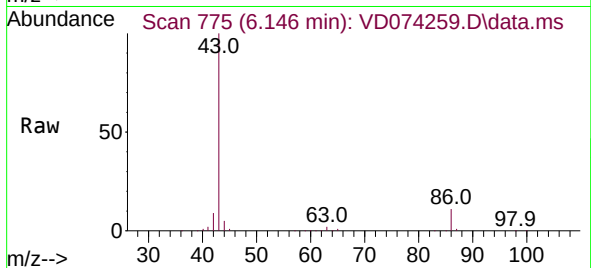




#23
 Vinyl Acetate
 Concen: 289.010 ug/l
 RT: 6.146 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: VD074259.D
 Acq: 12 Sep 2022 18:46

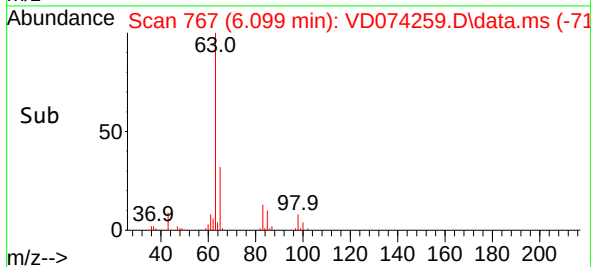
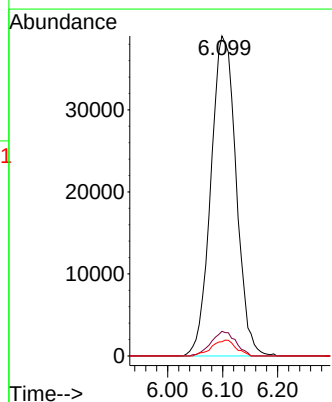
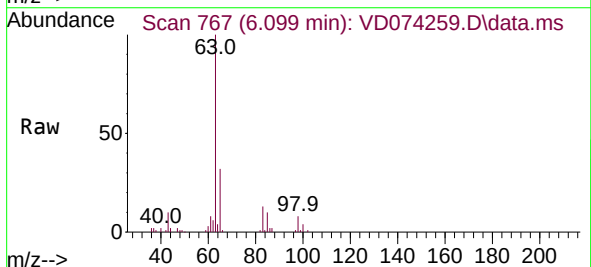
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

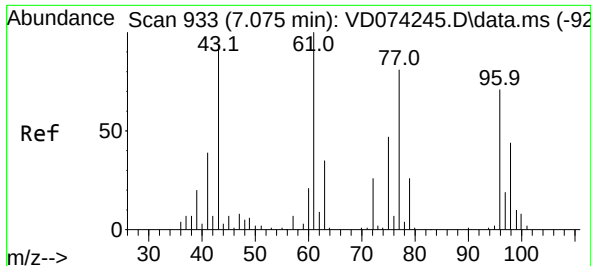
Tgt Ion: 43 Resp: 534664
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 51.483 ug/l
 RT: 6.099 min Scan# 767
 Delta R.T. -0.006 min
 Lab File: VD074259.D
 Acq: 12 Sep 2022 18:46

Tgt Ion: 63 Resp: 124595
 Ion Ratio Lower Upper
 63 100
 98 7.7 2.8 8.4
 100 4.5 2.2 6.6

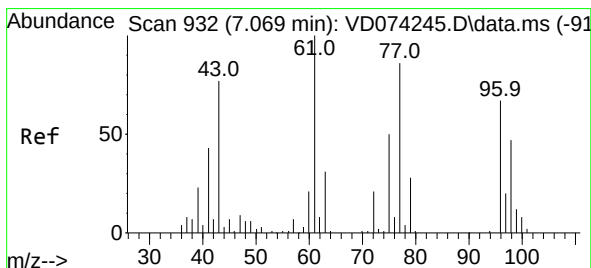
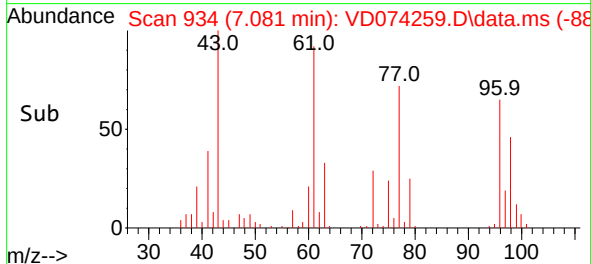
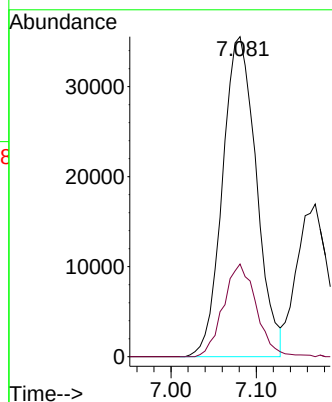
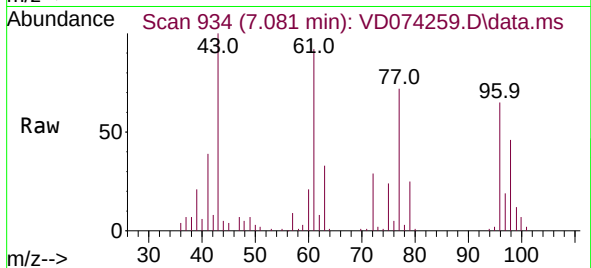




#25
2-Butanone
Concen: 258.387 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

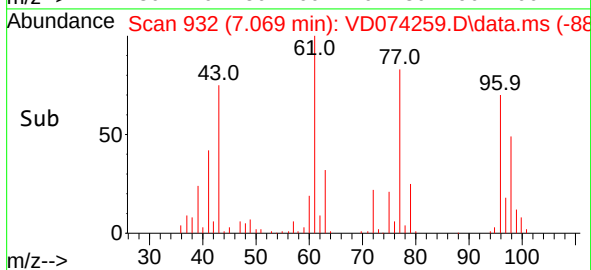
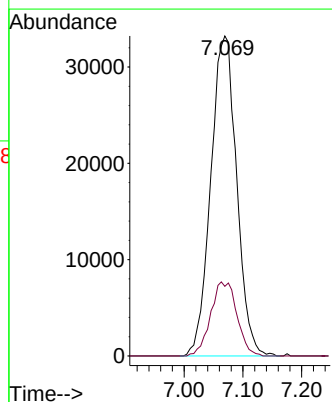
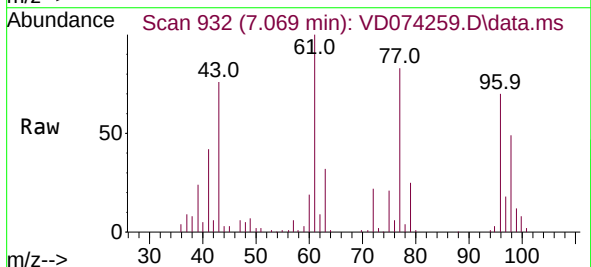
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

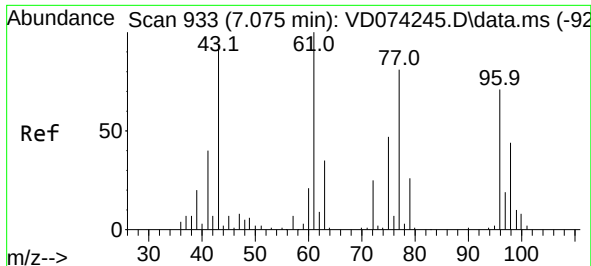
Tgt Ion: 43 Resp: 98034
Ion Ratio Lower Upper
43 100
72 28.9 21.8 32.6



#26
2,2-Dichloropropane
Concen: 48.126 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion: 77 Resp: 101757
Ion Ratio Lower Upper
77 100
97 23.5 11.5 34.4

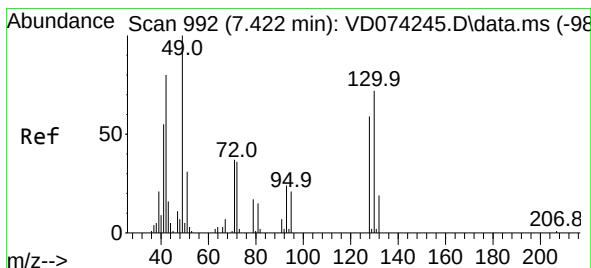
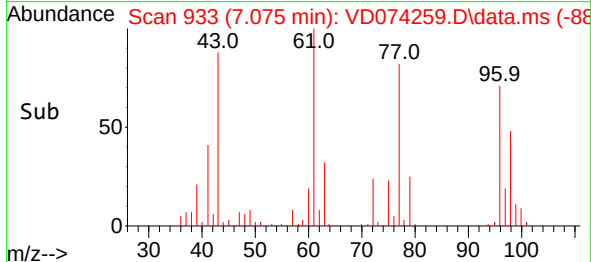
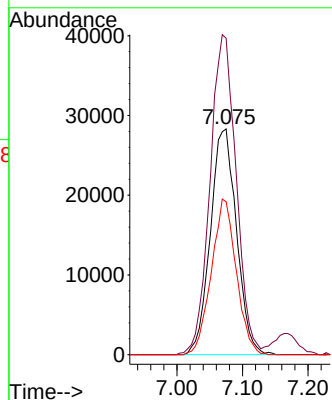
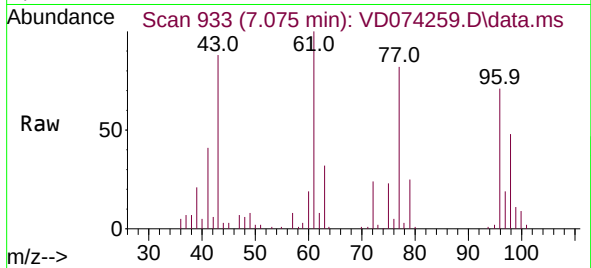




#27
 cis-1,2-Dichloroethene
 Concen: 51.168 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: VD074259.D
 Acq: 12 Sep 2022 18:46

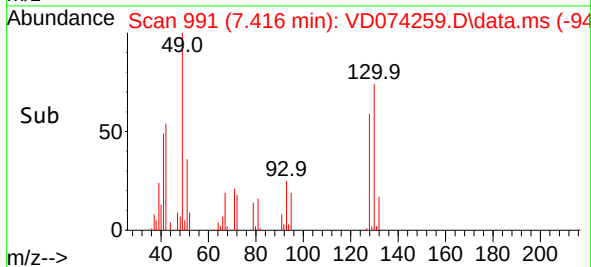
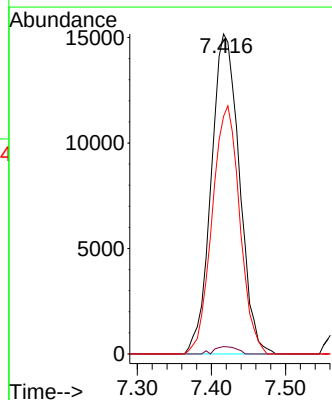
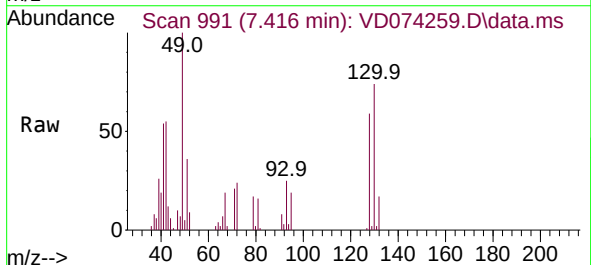
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

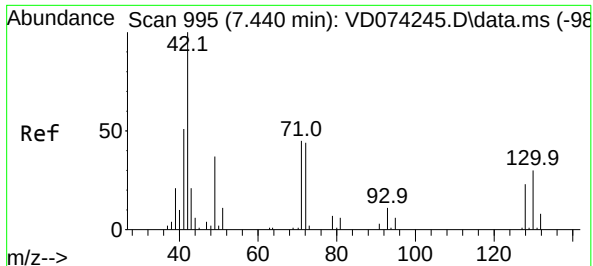
Tgt Ion:	96	Resp:	78457
Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	289.4
98	65.6	0.0	130.2



#28
 Bromochloromethane
 Concen: 53.963 ug/l
 RT: 7.416 min Scan# 991
 Delta R.T. -0.006 min
 Lab File: VD074259.D
 Acq: 12 Sep 2022 18:46

Tgt Ion:	49	Resp:	40108
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	75.7	62.2	93.2





#29

Tetrahydrofuran

Concen: 275.111 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

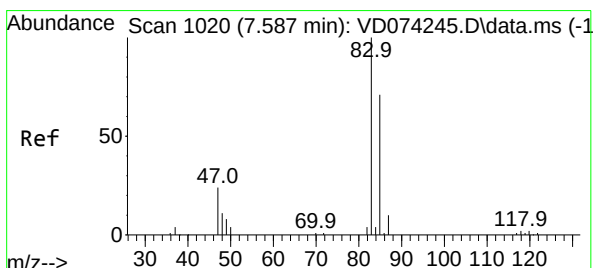
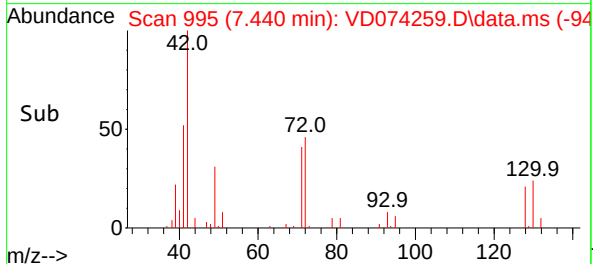
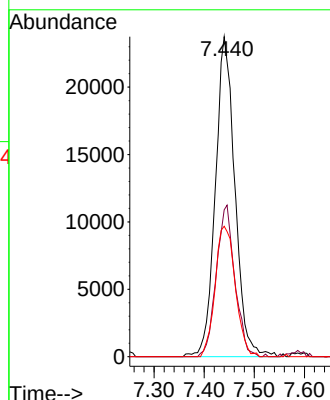
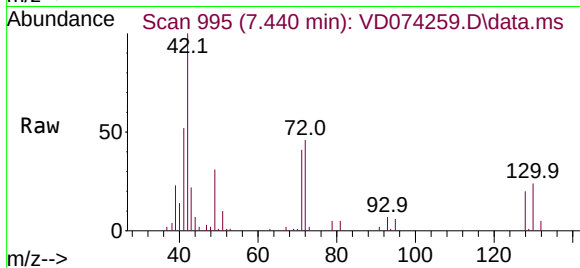
Tgt Ion: 42 Resp: 64350

Ion Ratio Lower Upper

42 100

72 44.8 36.1 54.1

71 42.0 34.1 51.1



#30

Chloroform

Concen: 52.649 ug/l

RT: 7.587 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD074259.D

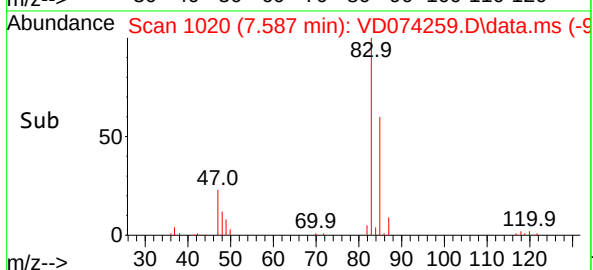
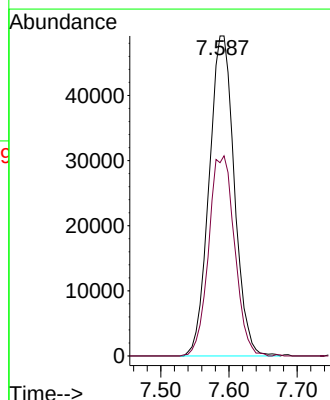
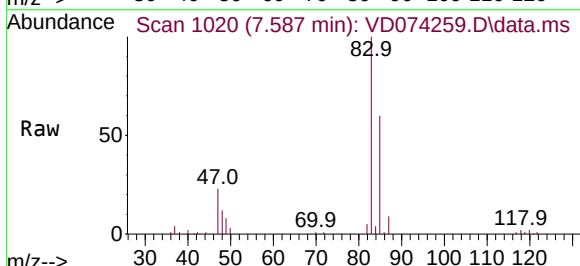
Acq: 12 Sep 2022 18:46

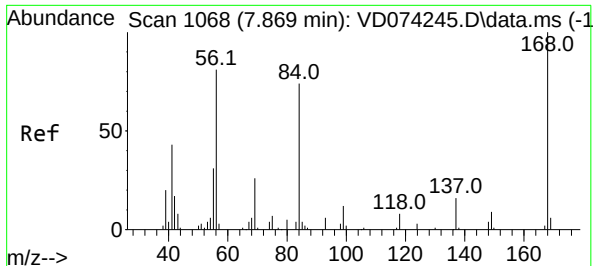
Tgt Ion: 83 Resp: 126464

Ion Ratio Lower Upper

83 100

85 60.4 56.7 85.1





#31

Cyclohexane

Concen: 45.978 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

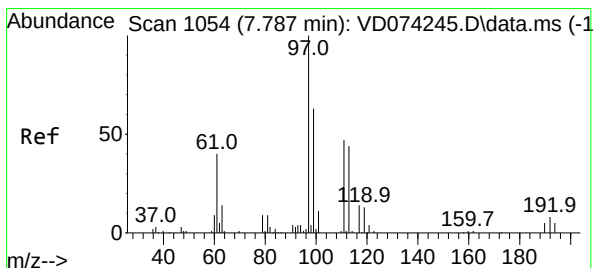
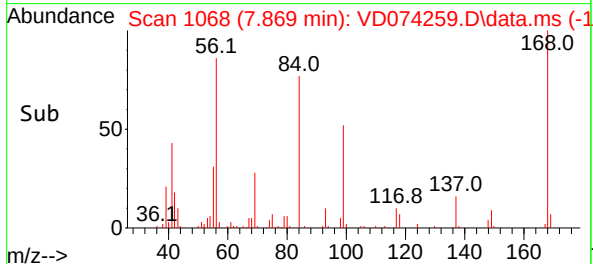
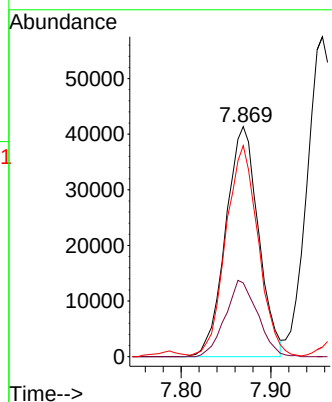
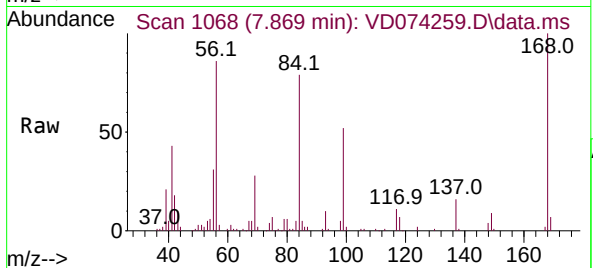
Tgt Ion: 56 Resp: 104720

Ion Ratio Lower Upper

56 100

69 32.1 25.7 38.5

84 90.5 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 51.260 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

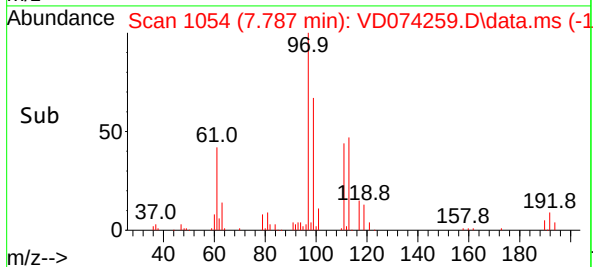
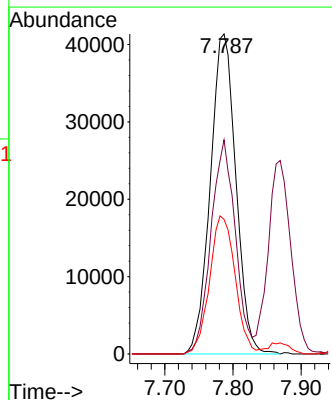
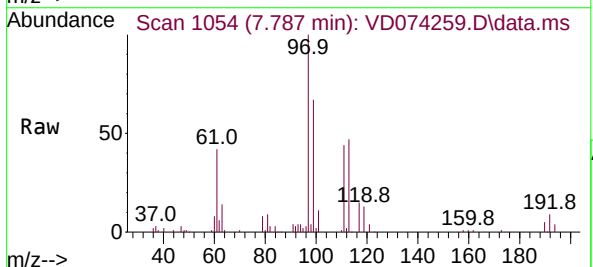
Tgt Ion: 97 Resp: 108035

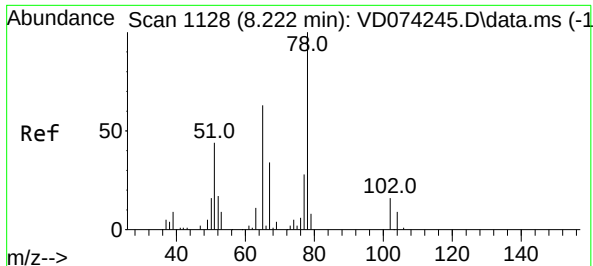
Ion Ratio Lower Upper

97 100

99 63.9 51.2 76.8

61 43.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.438 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

Instrument :

MSVOA_D

ClientSampleId :

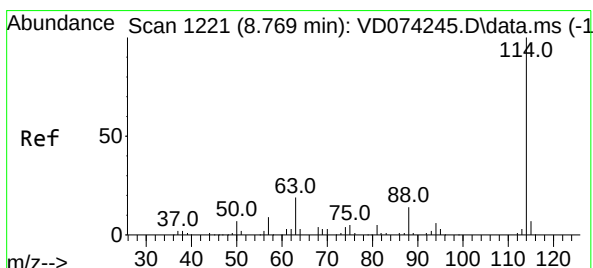
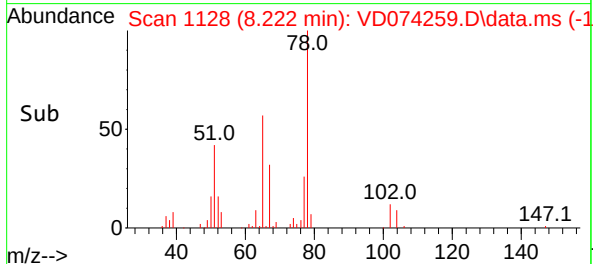
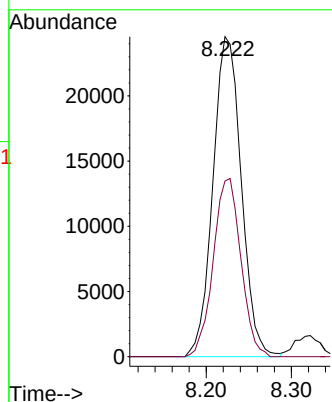
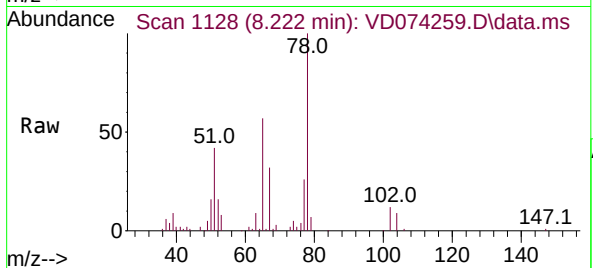
VSTDCCC050EC

Tgt Ion: 65 Resp: 56690

Ion Ratio Lower Upper

65 100

67 54.3 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

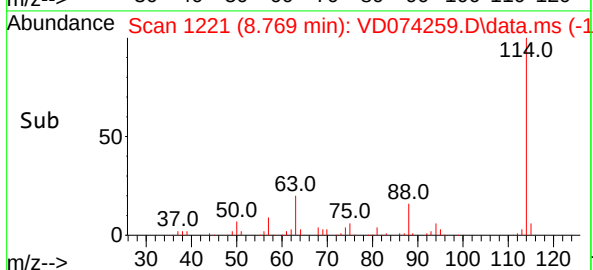
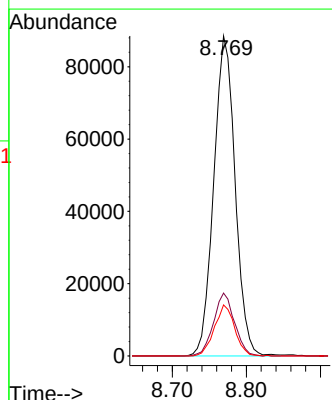
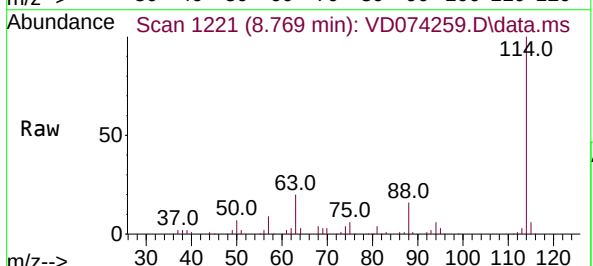
Tgt Ion: 114 Resp: 177266

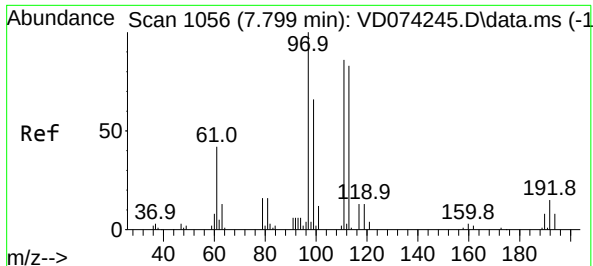
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.6

88 16.0 0.0 28.4





#35

Dibromofluoromethane

Concen: 50.596 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

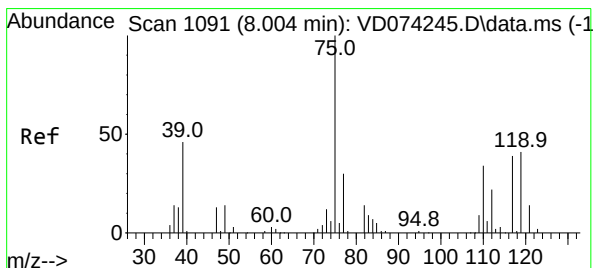
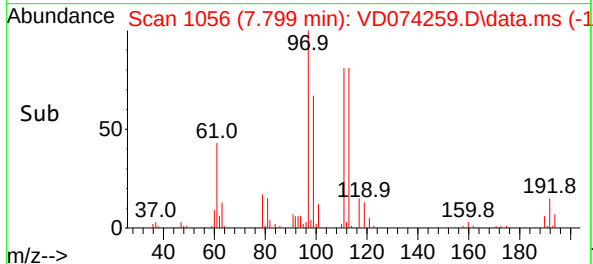
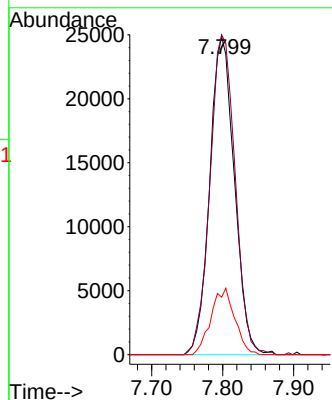
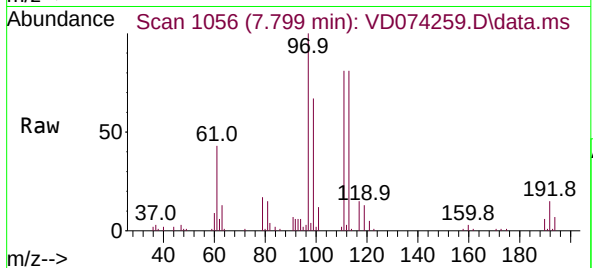
Tgt Ion:113 Resp: 59974

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.6

192 20.2 16.2 24.2



#36

1,1-Dichloropropene

Concen: 49.693 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

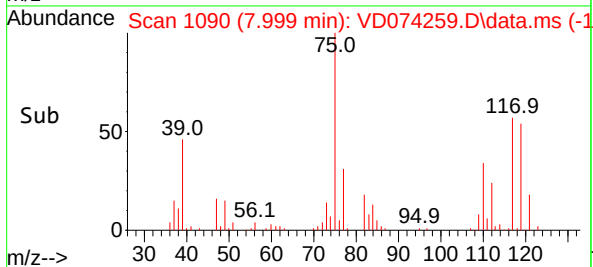
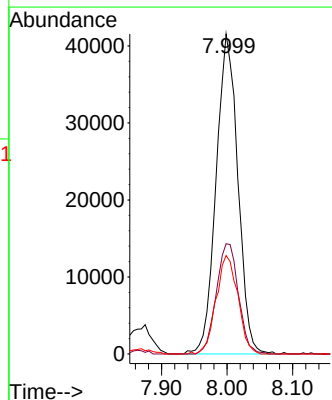
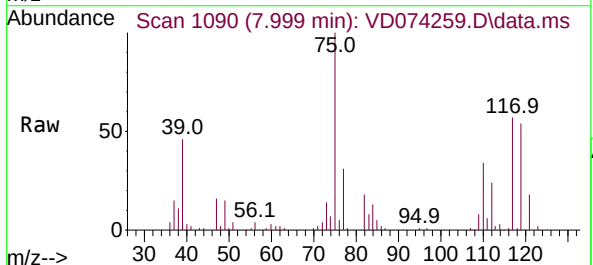
Tgt Ion: 75 Resp: 95344

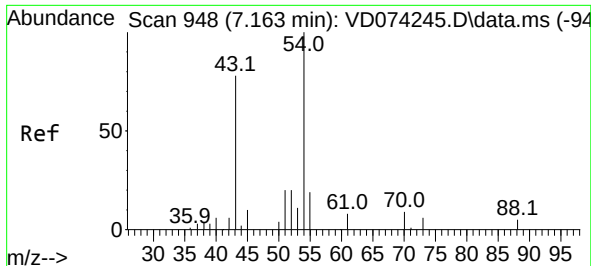
Ion Ratio Lower Upper

75 100

110 35.1 17.5 52.5

77 30.9 24.8 37.2





#37

Ethyl Acetate

Concen: 54.759 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

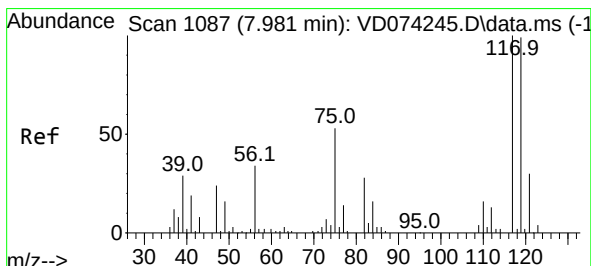
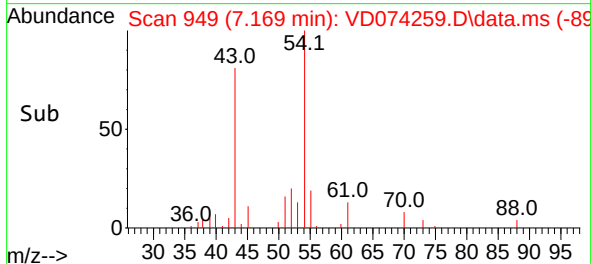
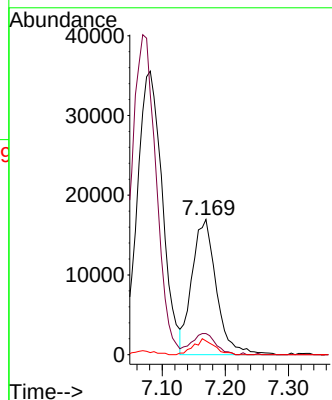
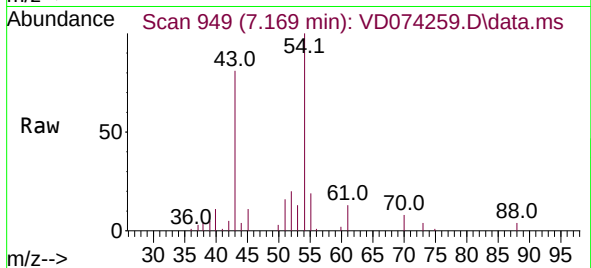
Tgt Ion: 43 Resp: 45562

Ion Ratio Lower Upper

43 100

61 14.9 12.1 18.1

70 9.9 8.5 12.7



#38

Carbon Tetrachloride

Concen: 52.861 ug/l

RT: 7.981 min Scan# 1087

Delta R.T. -0.000 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

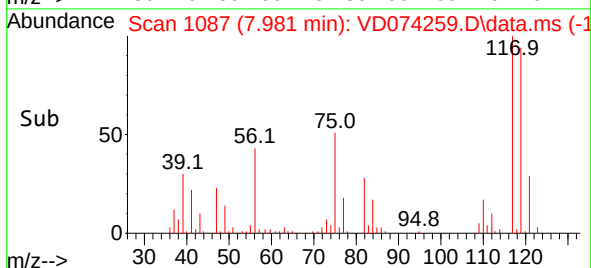
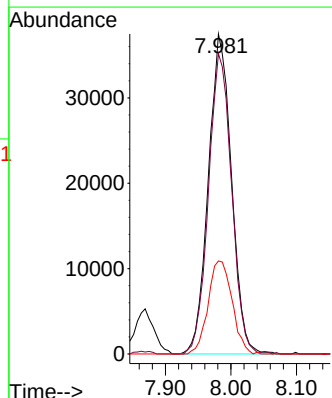
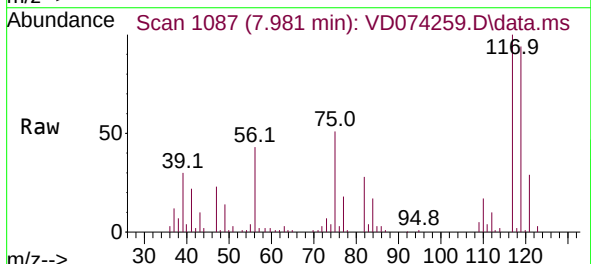
Tgt Ion: 117 Resp: 91763

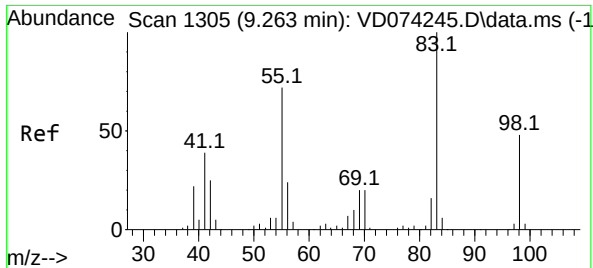
Ion Ratio Lower Upper

117 100

119 93.9 78.8 118.2

121 29.1 23.9 35.9

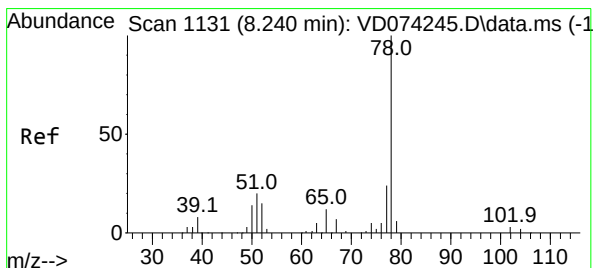
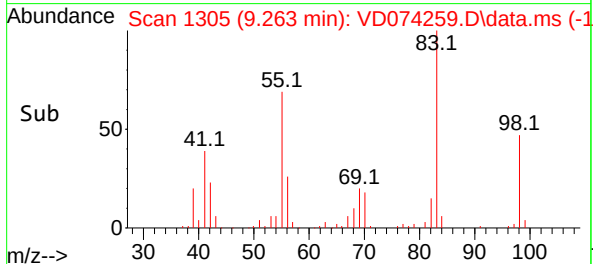
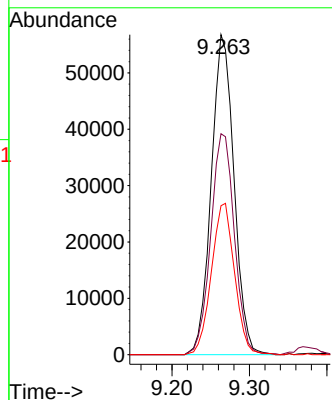
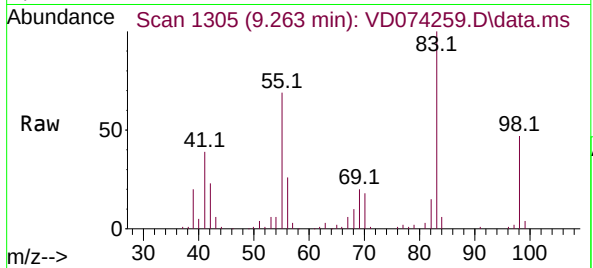




#39
Methylcyclohexane
Concen: 48.690 ug/l
RT: 9.263 min Scan# 111
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

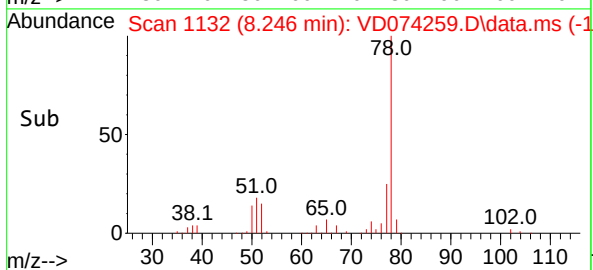
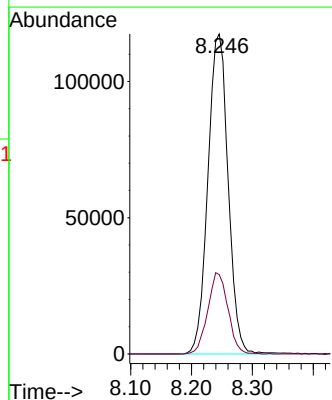
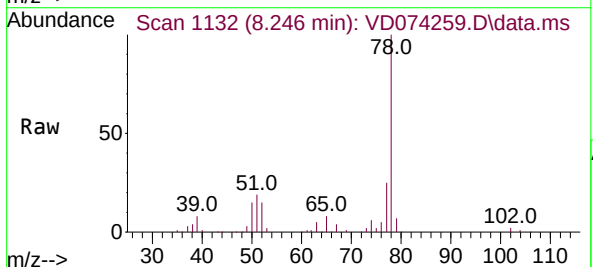
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

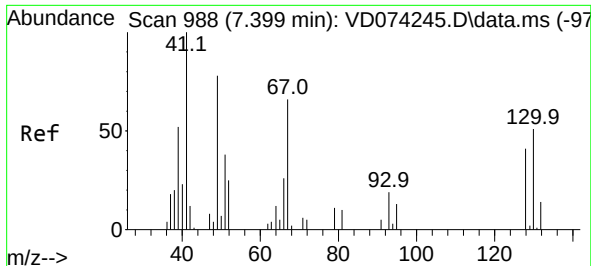
Tgt Ion: 83 Resp: 115643
Ion Ratio Lower Upper
83 100
55 69.1 57.2 85.8
98 46.5 38.3 57.5



#40
Benzene
Concen: 50.961 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion: 78 Resp: 270596
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.2

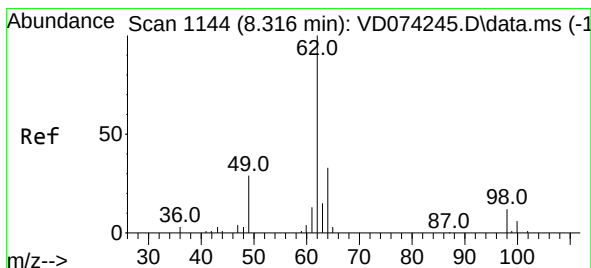
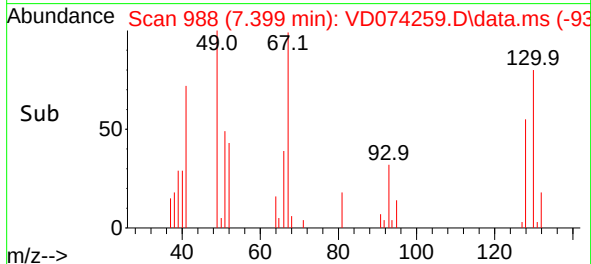
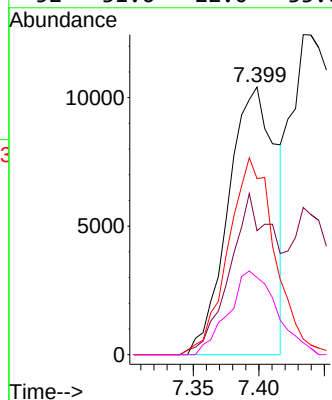
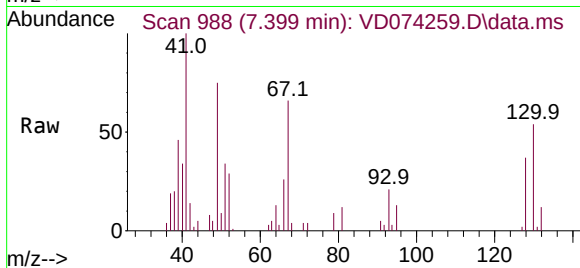




#41
Methacrylonitrile
Concen: 56.728 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

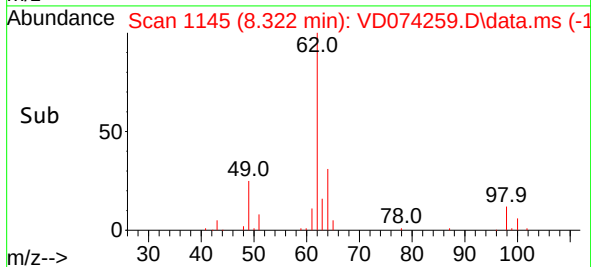
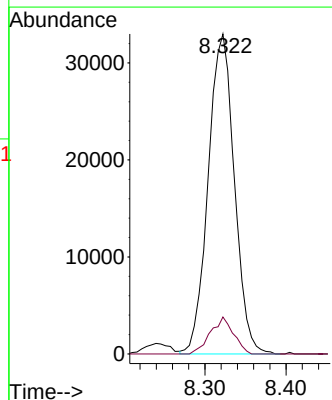
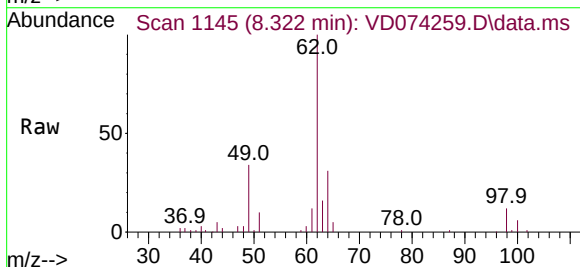
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

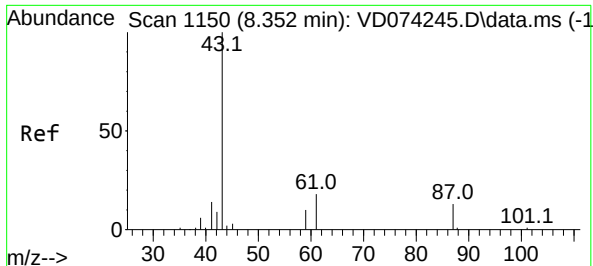
Tgt Ion: 41 Resp: 26290
Ion Ratio Lower Upper
41 100
39 54.8 39.8 59.6
67 72.5 56.1 84.1
52 31.6 22.0 33.0



#42
1,2-Dichloroethane
Concen: 52.750 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion: 62 Resp: 74021
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.4





#43

Isopropyl Acetate

Concen: 53.294 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.006 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

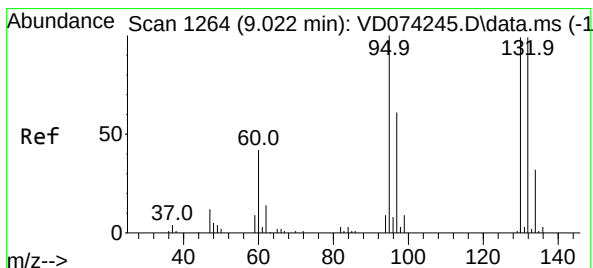
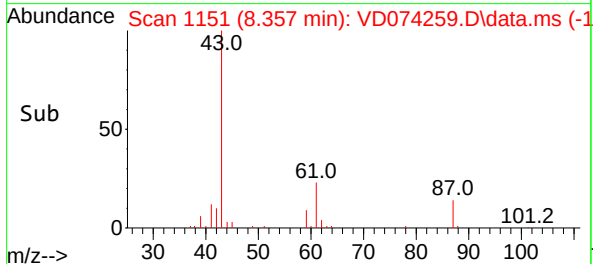
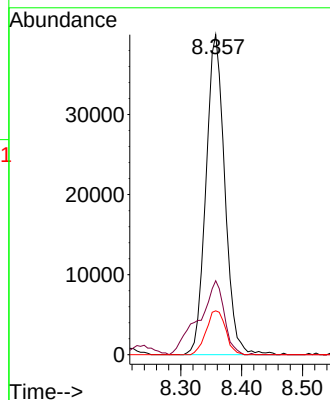
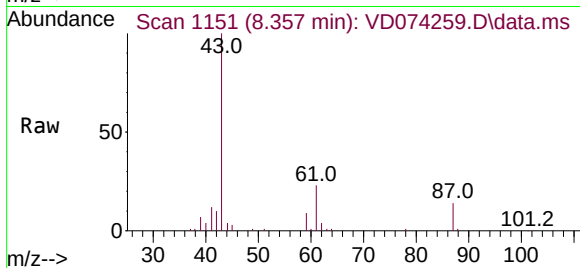
Tgt Ion: 43 Resp: 85651

Ion Ratio Lower Upper

43 100

61 31.2 24.5 36.7

87 14.2 10.8 16.2



#44

Trichloroethene

Concen: 50.196 ug/l

RT: 9.022 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD074259.D

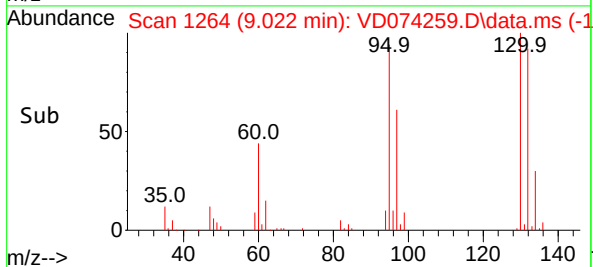
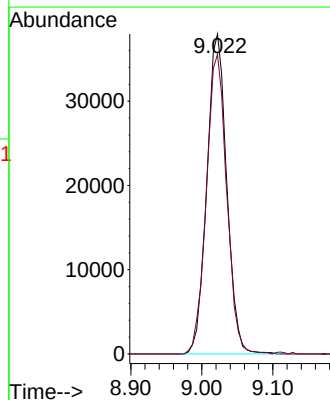
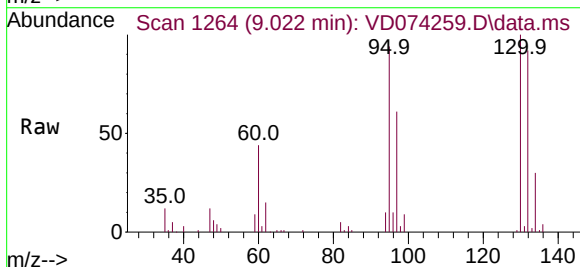
Acq: 12 Sep 2022 18:46

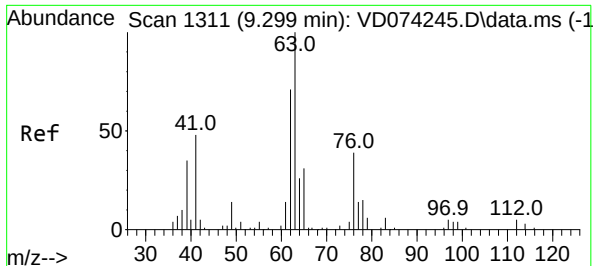
Tgt Ion: 130 Resp: 73983

Ion Ratio Lower Upper

130 100

95 93.6 0.0 202.2





#45

1,2-Dichloropropane

Concen: 51.777 ug/l

RT: 9.299 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

Instrument :

MSVOA_D

ClientSampleId :

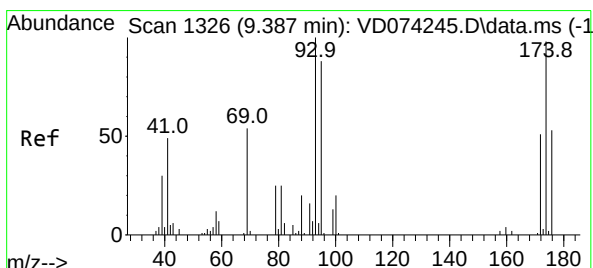
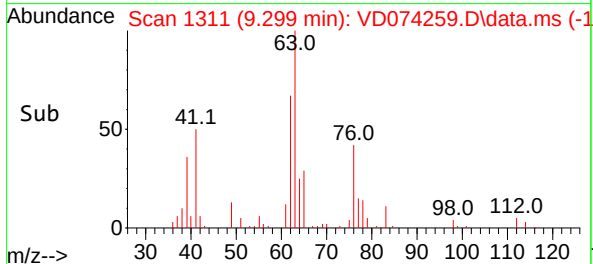
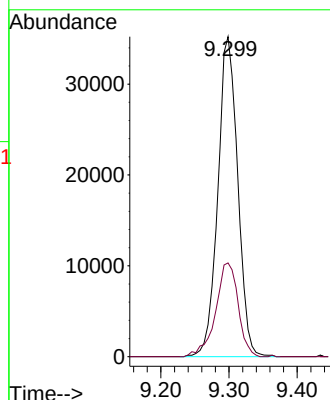
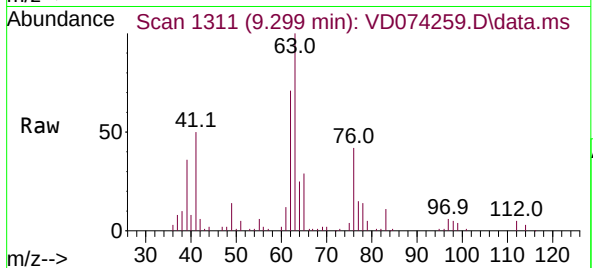
VSTDCCC050EC

Tgt Ion: 63 Resp: 71454

Ion Ratio Lower Upper

63 100

65 29.3 24.5 36.7



#46

Dibromomethane

Concen: 51.813 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

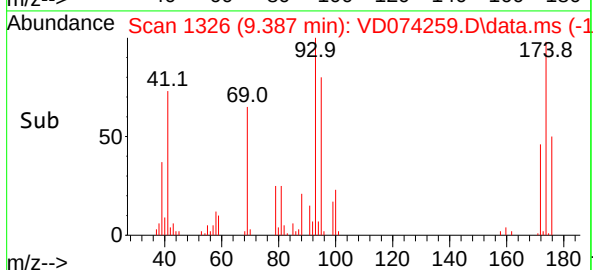
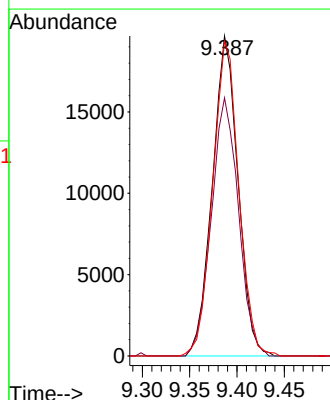
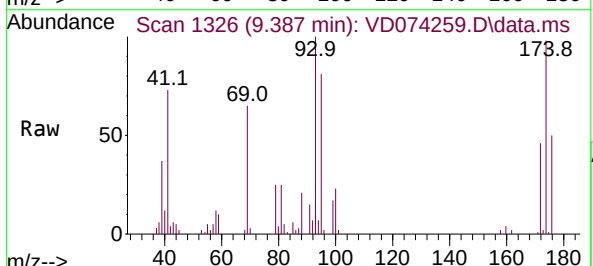
Tgt Ion: 93 Resp: 37124

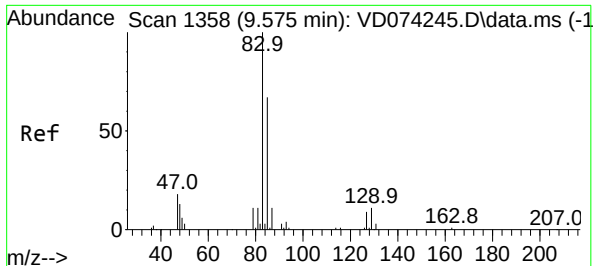
Ion Ratio Lower Upper

93 100

95 85.0 67.7 101.5

174 99.7 79.6 119.4





#47

Bromodichloromethane

Concen: 53.523 ug/l

RT: 9.575 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

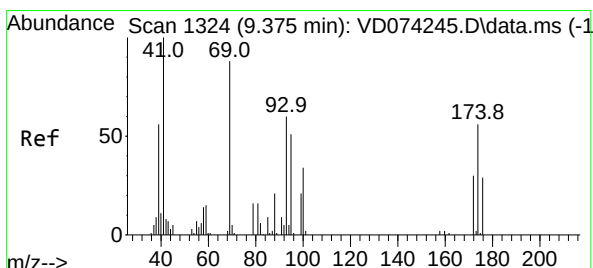
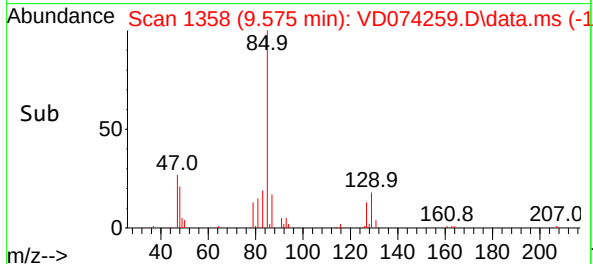
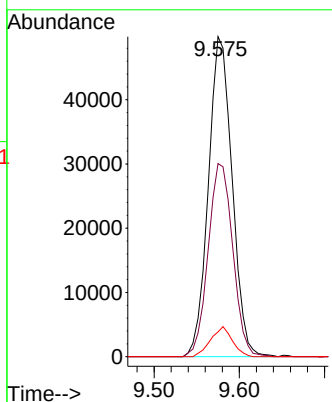
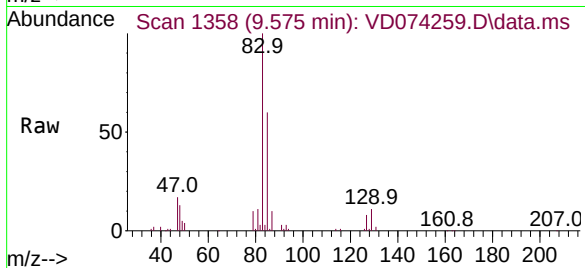
Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	96482
Ion Ratio	Lower	Upper	
83	100		
85	60.3	53.4	80.2
127	7.8	6.9	10.3



#48

Methyl methacrylate

Concen: 54.049 ug/l

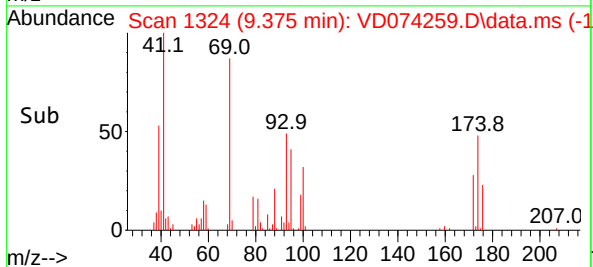
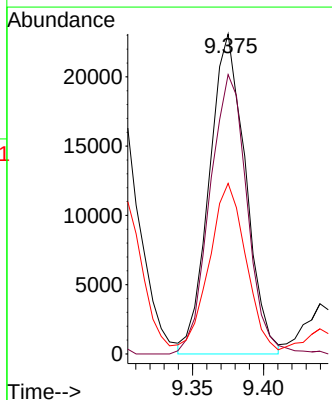
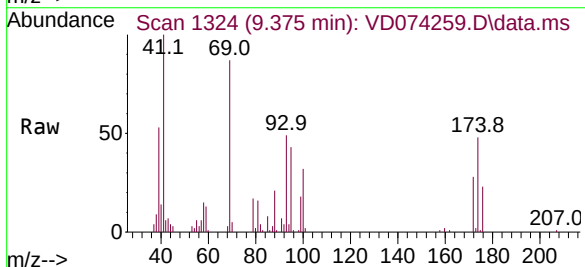
RT: 9.375 min Scan# 1324

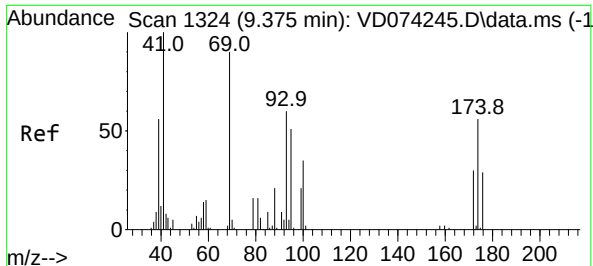
Delta R.T. -0.000 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

Tgt Ion:	41	Resp:	41027
Ion Ratio	Lower	Upper	
41	100		
69	90.1	72.7	109.1
39	51.8	41.6	62.4





#49

1,4-Dioxane

Concen: 1225.834 ug/l

RT: 9.375 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

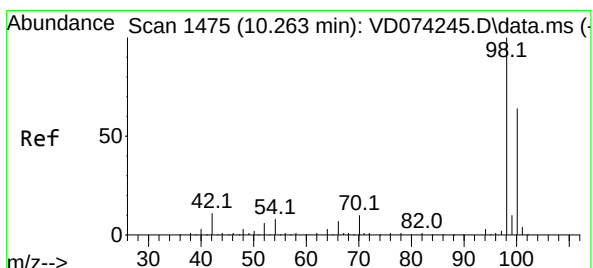
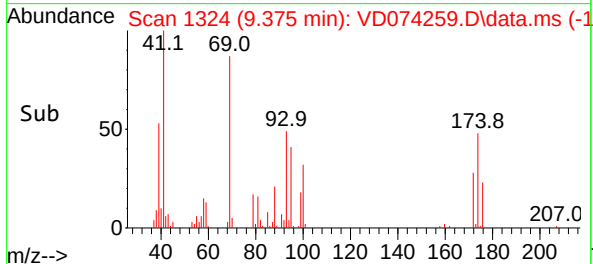
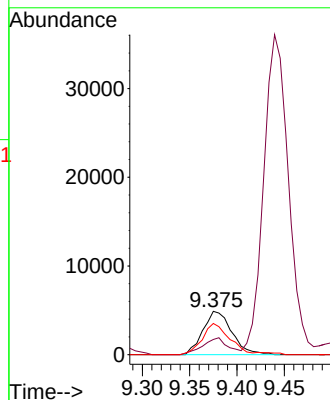
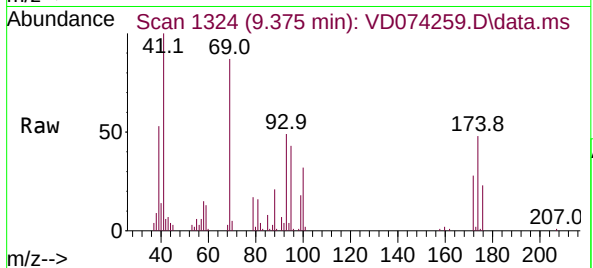
Tgt Ion: 88 Resp: 10401

Ion Ratio Lower Upper

88 100

43 34.5 27.0 40.4

58 70.6 54.2 81.2



#50

Toluene-d8

Concen: 52.629 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VD074259.D

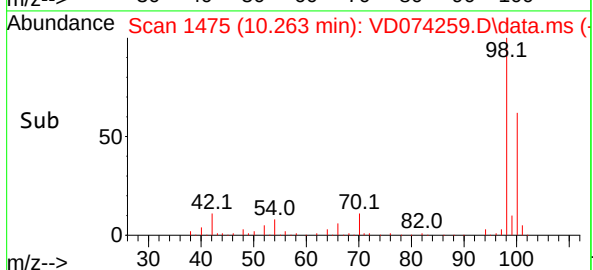
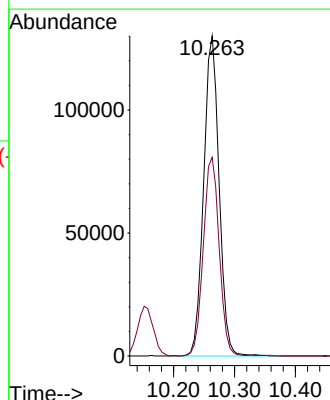
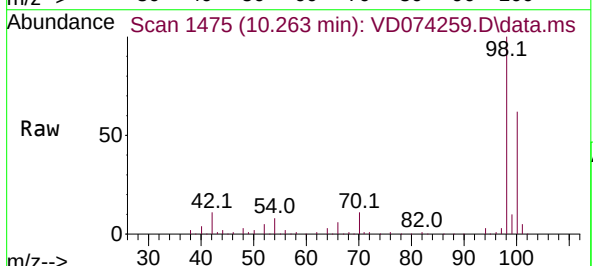
Acq: 12 Sep 2022 18:46

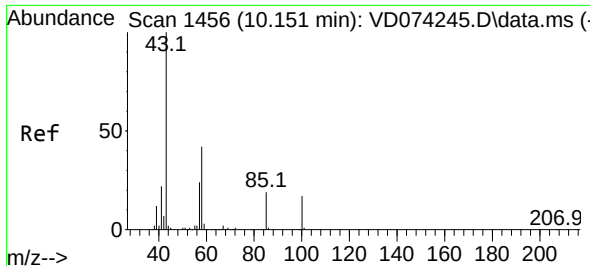
Tgt Ion: 98 Resp: 228690

Ion Ratio Lower Upper

98 100

100 63.9 51.8 77.8

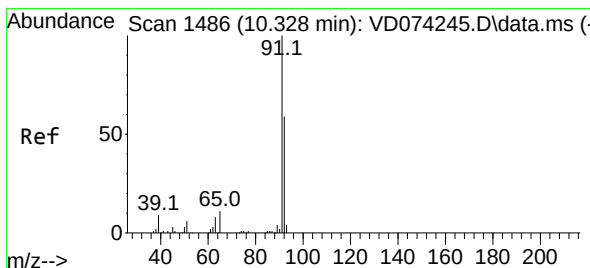
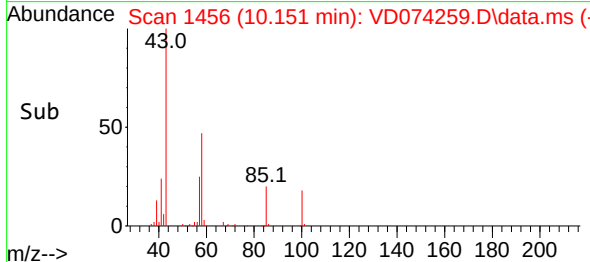
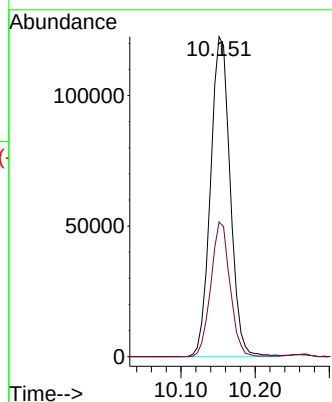
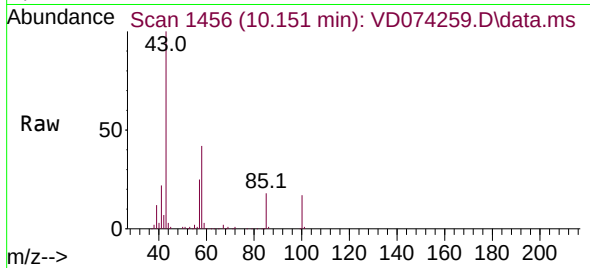




#51
4-Methyl-2-Pentanone
Concen: 278.463 ug/l
RT: 10.151 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

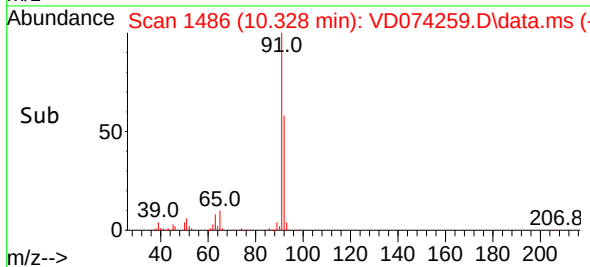
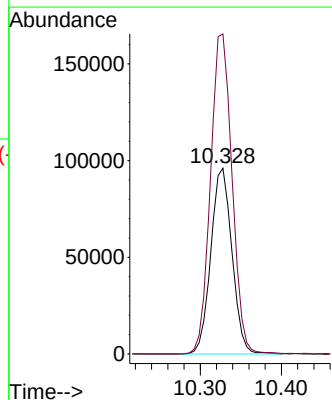
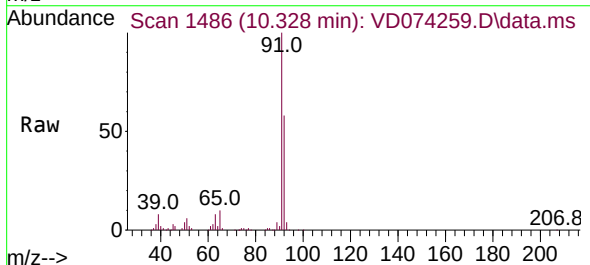
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

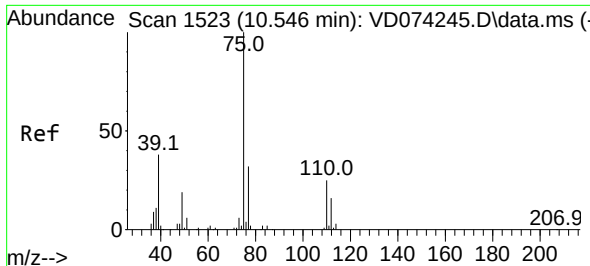
Tgt Ion: 43 Resp: 226193
Ion Ratio Lower Upper
43 100
58 41.0 33.3 49.9



#52
Toluene
Concen: 50.994 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion: 92 Resp: 173678
Ion Ratio Lower Upper
92 100
91 176.1 139.3 208.9

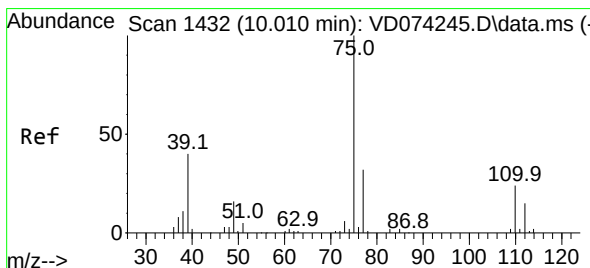
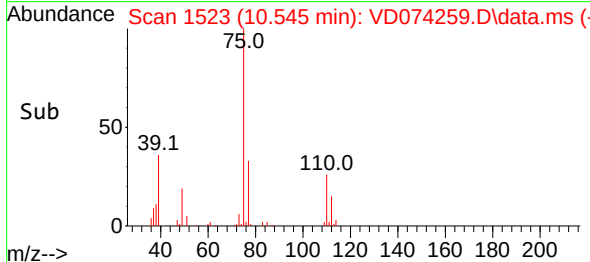
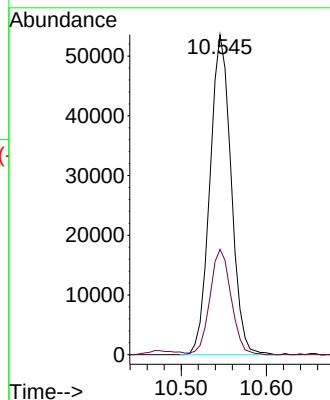
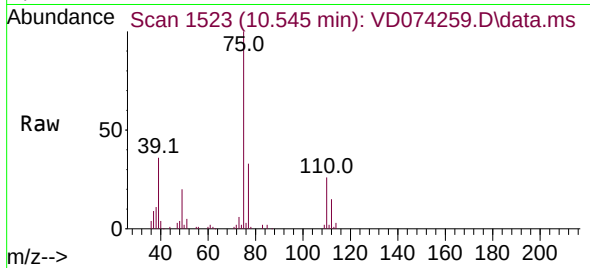




#53
 t-1,3-Dichloropropene
 Concen: 54.394 ug/l
 RT: 10.545 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD074259.D
 Acq: 12 Sep 2022 18:46

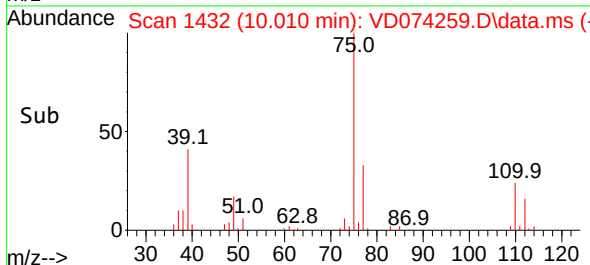
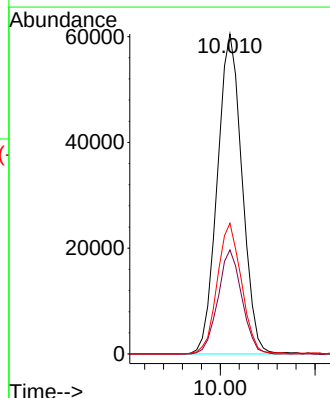
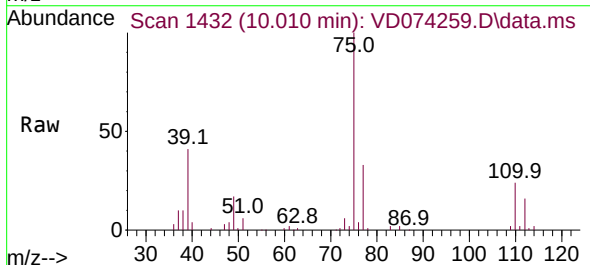
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

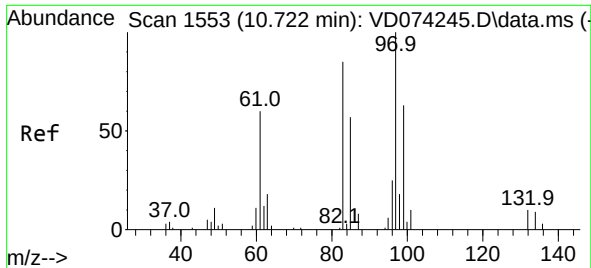
Tgt Ion: 75 Resp: 92427
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 52.421 ug/l
 RT: 10.010 min Scan# 1432
 Delta R.T. -0.000 min
 Lab File: VD074259.D
 Acq: 12 Sep 2022 18:46

Tgt Ion: 75 Resp: 109748
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0
 39 40.8 31.6 47.4

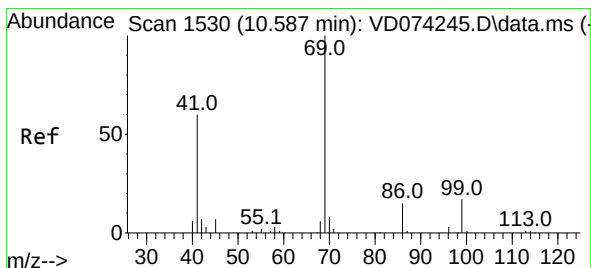
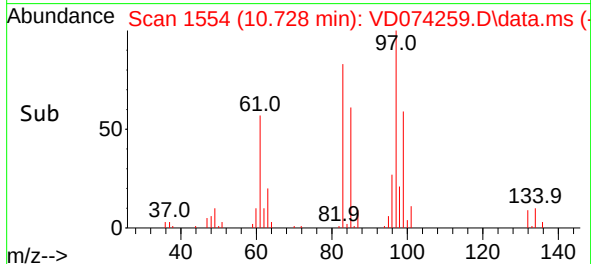
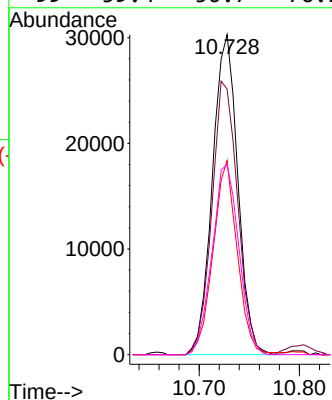
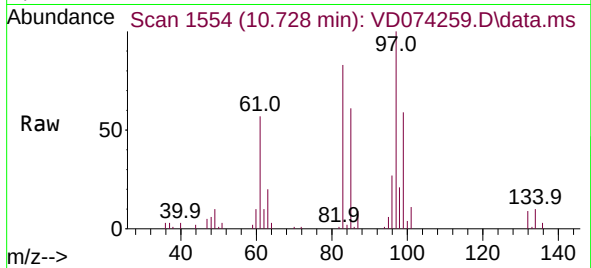




#55
1,1,2-Trichloroethane
Concen: 53.629 ug/l
RT: 10.728 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

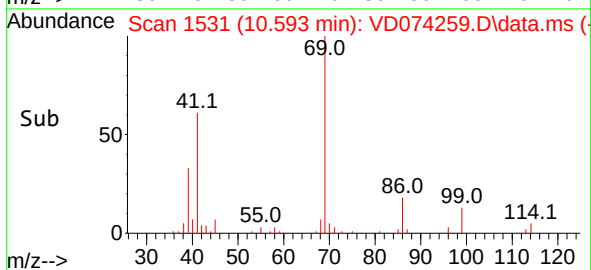
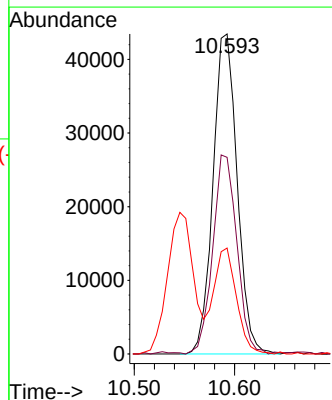
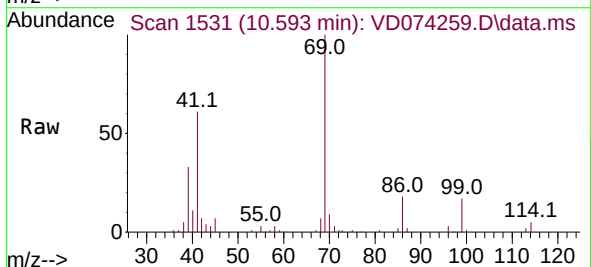
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

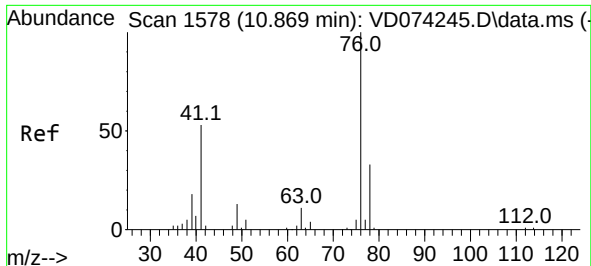
Tgt Ion:	97	Resp:	53118
Ion	Ratio	Lower	Upper
97	100		
83	83.0	68.0	102.0
85	60.7	45.8	68.8
99	59.4	50.7	76.1



#56
Ethyl methacrylate
Concen: 55.269 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion:	69	Resp:	72734
Ion	Ratio	Lower	Upper
69	100		
41	62.3	49.4	74.2
39	31.4	24.2	36.4





#57

1,3-Dichloropropane

Concen: 52.962 ug/l

RT: 10.869 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

Instrument :

MSVOA_D

ClientSampleId :

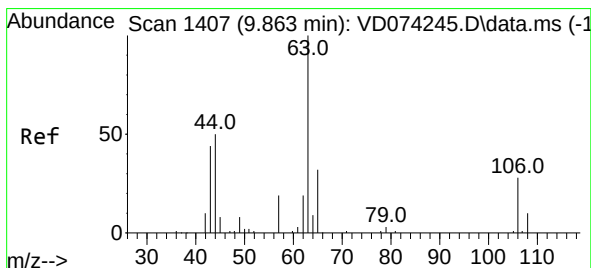
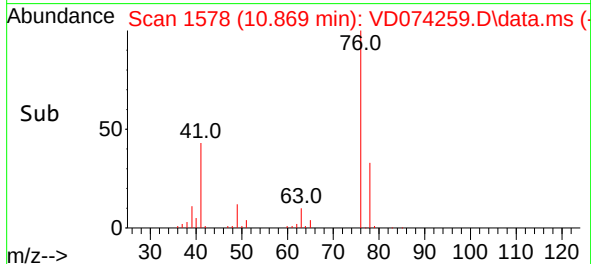
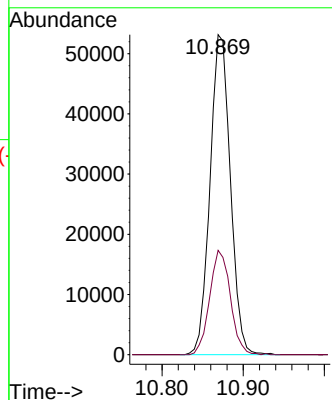
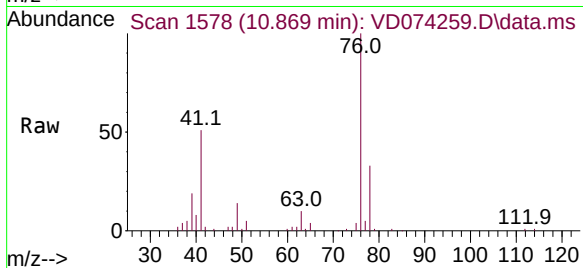
VSTDCCC050EC

Tgt Ion: 76 Resp: 92579

Ion Ratio Lower Upper

76 100

78 33.2 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 236.944 ug/l

RT: 9.863 min Scan# 1407

Delta R.T. 0.000 min

Lab File: VD074259.D

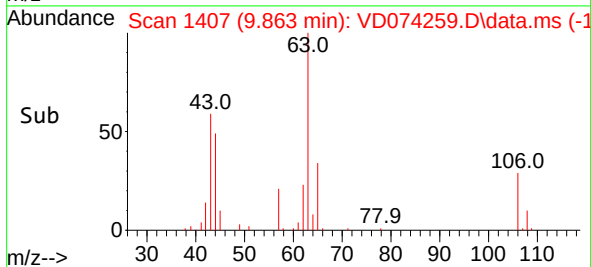
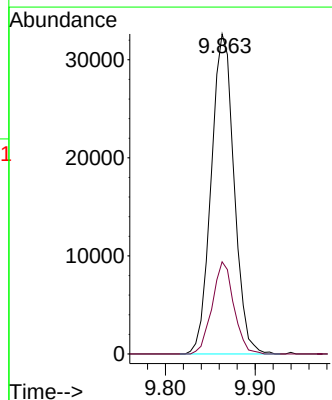
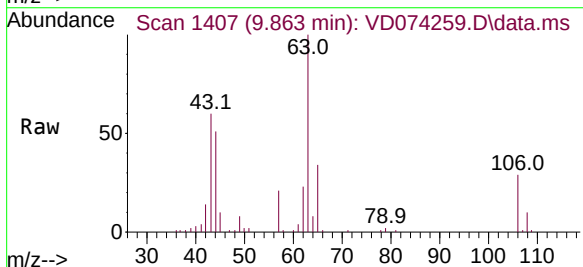
Acq: 12 Sep 2022 18:46

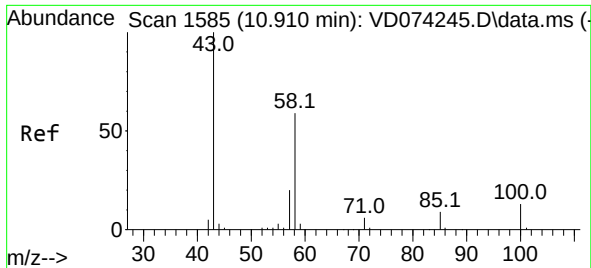
Tgt Ion: 63 Resp: 57752

Ion Ratio Lower Upper

63 100

106 27.2 21.9 32.9

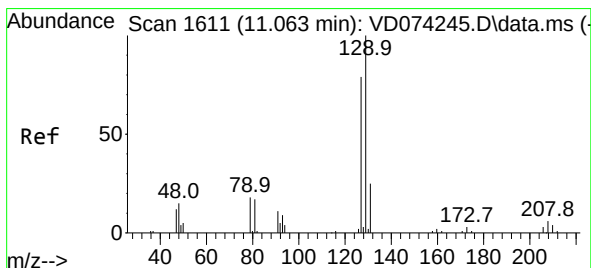
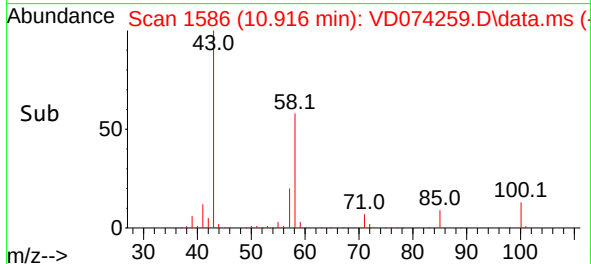
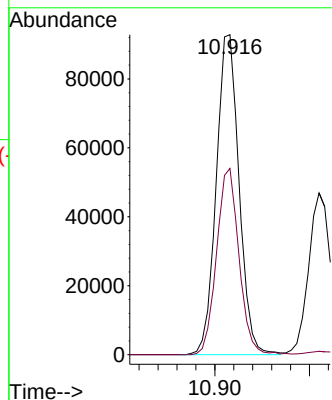
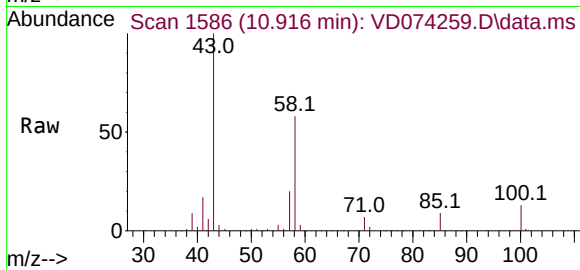




#59
2-Hexanone
Concen: 281.778 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

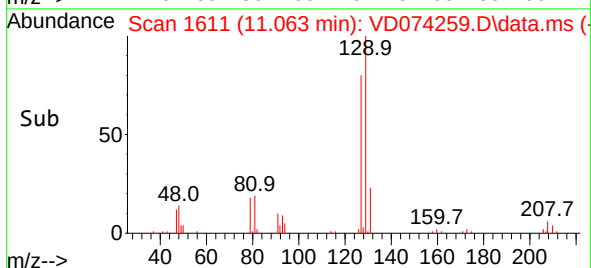
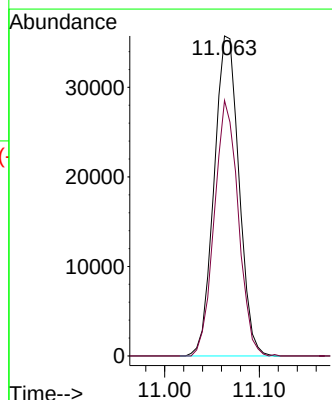
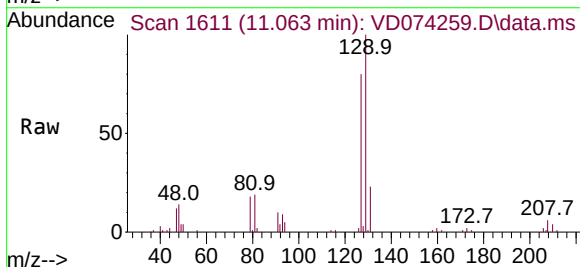
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

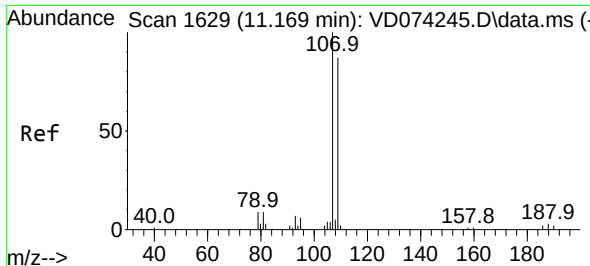
Tgt Ion: 43 Resp: 155428
Ion Ratio Lower Upper
43 100
58 57.2 28.6 85.8



#60
Dibromochloromethane
Concen: 54.085 ug/l
RT: 11.063 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion: 129 Resp: 65234
Ion Ratio Lower Upper
129 100
127 76.9 39.0 116.9

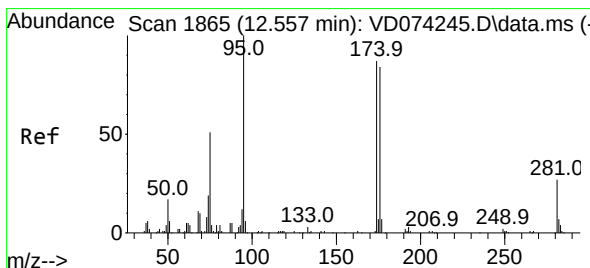
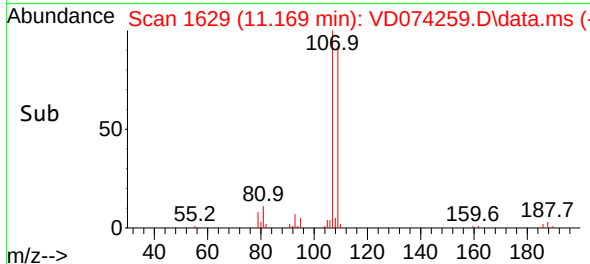
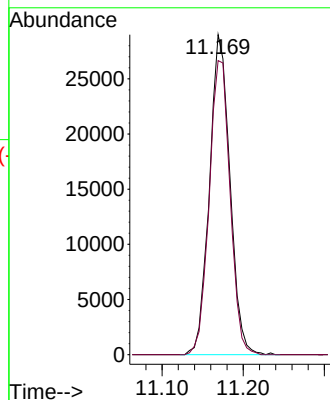
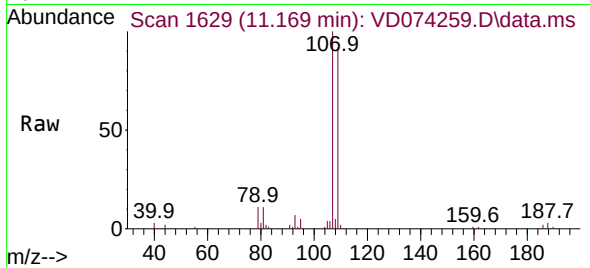




#61
1,2-Dibromoethane
Concen: 53.985 ug/l
RT: 11.169 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

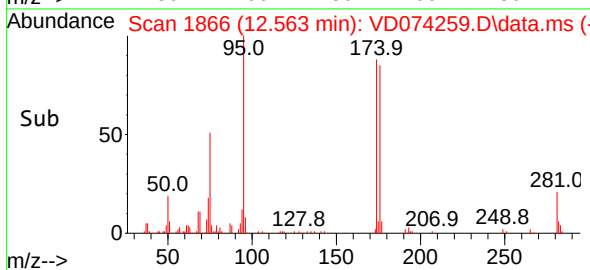
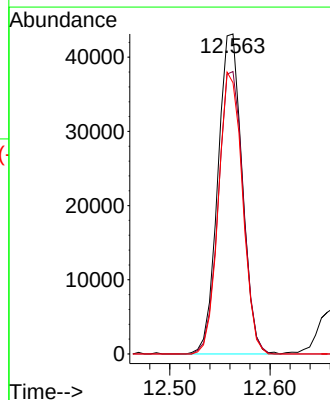
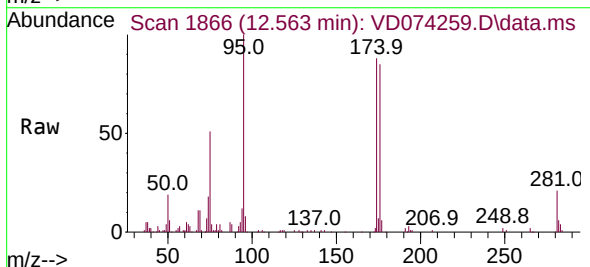
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

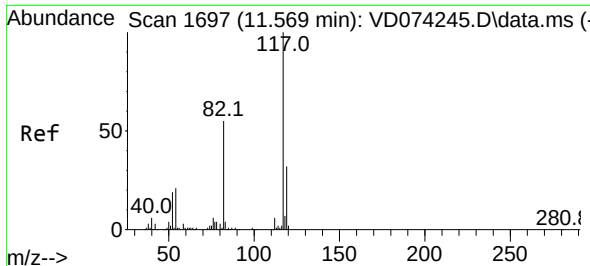
Tgt Ion:107 Resp: 50892
Ion Ratio Lower Upper
107 100
109 93.4 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 47.645 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion: 95 Resp: 72800
Ion Ratio Lower Upper
95 100
174 89.2 0.0 179.2
176 86.4 0.0 171.4

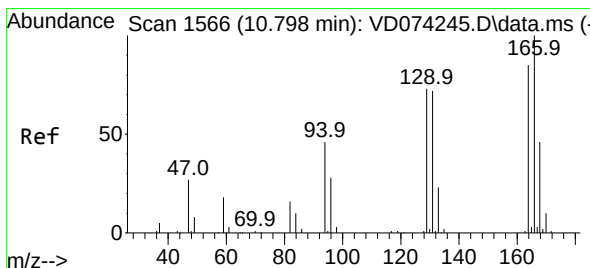
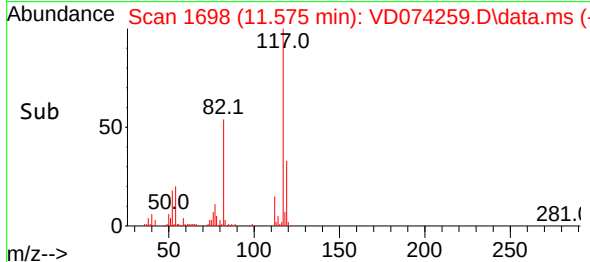
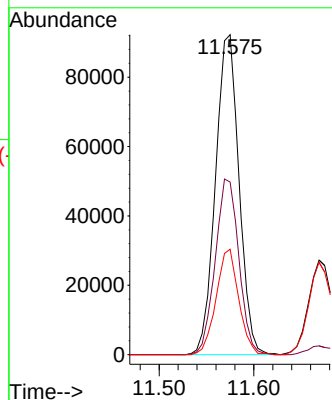
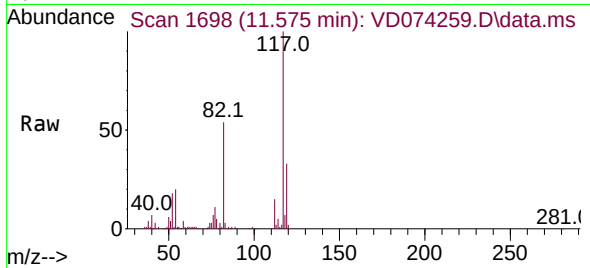




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

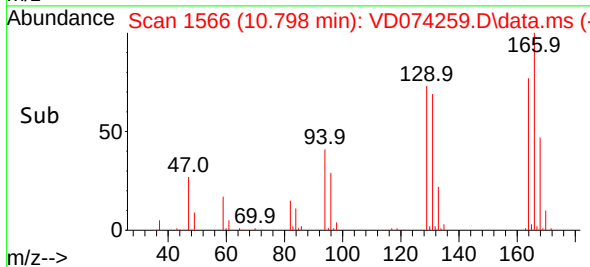
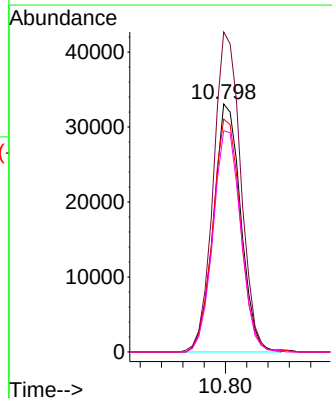
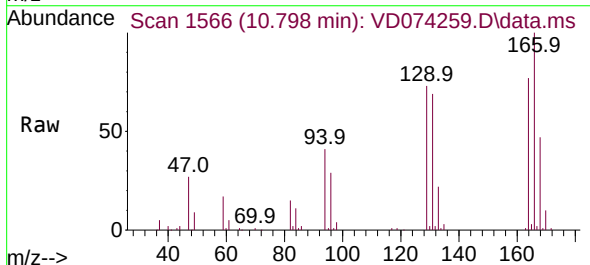
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

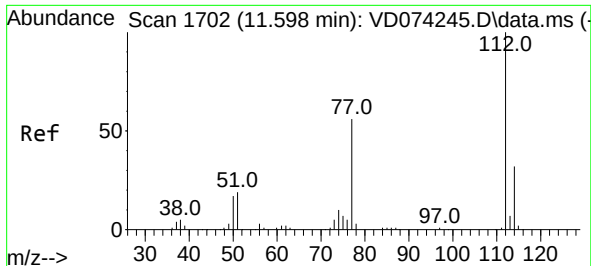
Tgt Ion:117 Resp: 159358
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.9 25.4 38.0



#64
Tetrachloroethene
Concen: 48.208 ug/l
RT: 10.798 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion:164 Resp: 58739
Ion Ratio Lower Upper
164 100
166 129.0 93.8 140.8
129 93.9 68.3 102.5
131 89.3 67.1 100.7

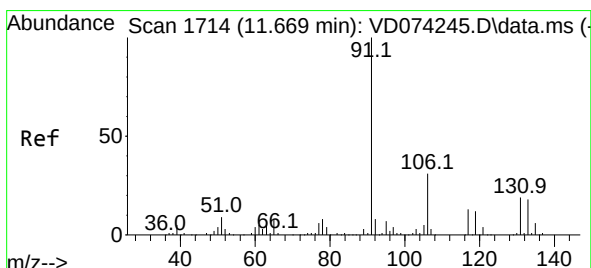
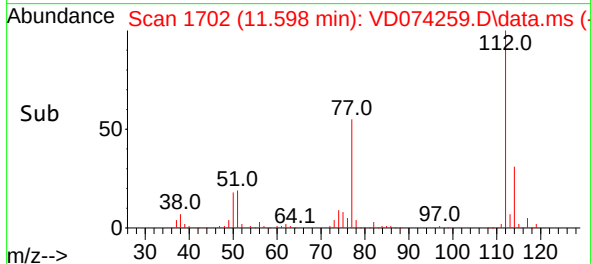
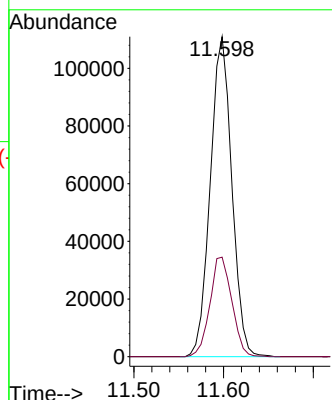
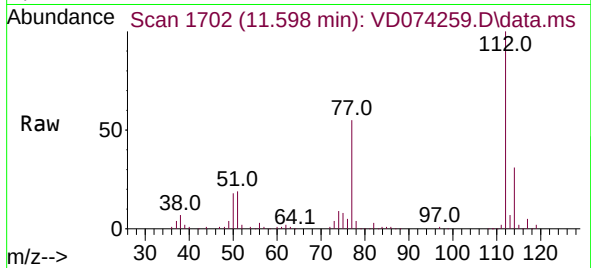




#65
Chlorobenzene
Concen: 51.677 ug/l
RT: 11.598 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

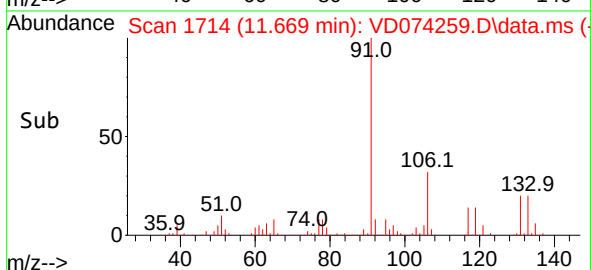
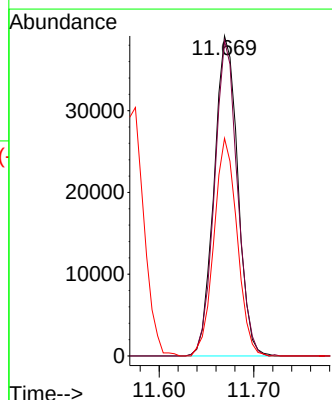
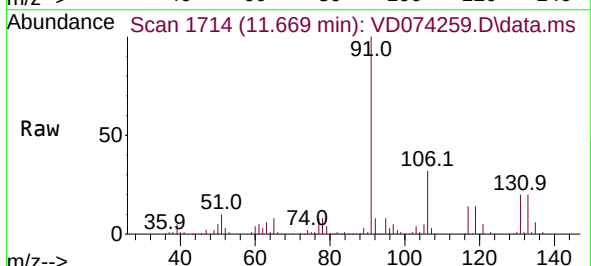
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

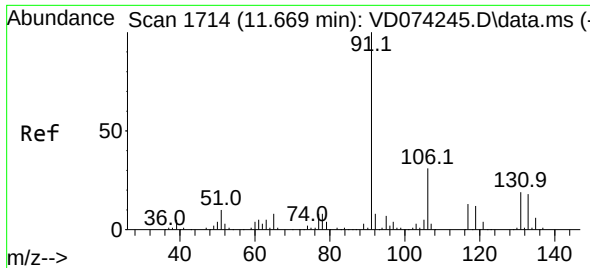
Tgt Ion:112 Resp: 185132
Ion Ratio Lower Upper
112 100
114 31.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.956 ug/l
RT: 11.669 min Scan# 1714
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion:131 Resp: 67947
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 66.6 33.1 99.5





#67

Ethyl Benzene

Concen: 51.670 ug/l

RT: 11.675 min Scan# 1715

Delta R.T. 0.006 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

Instrument :

MSVOA_D

ClientSampleId :

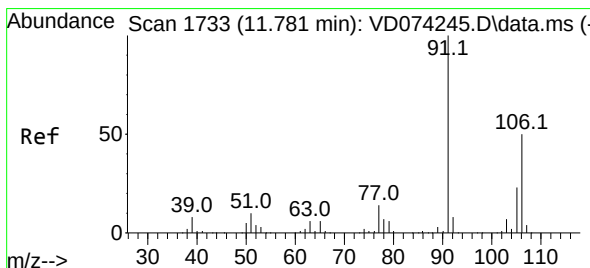
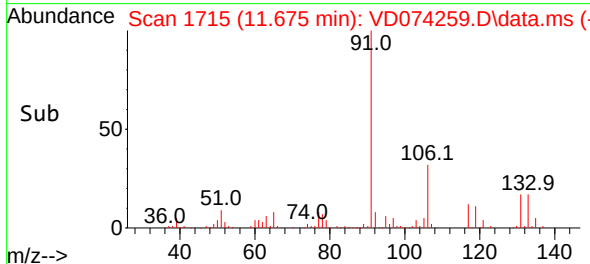
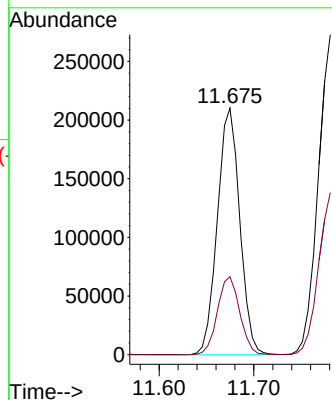
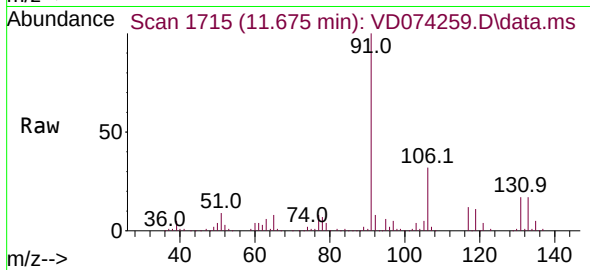
VSTDCCC050EC

Tgt Ion: 91 Resp: 345772

Ion Ratio Lower Upper

91 100

106 31.6 24.8 37.2



#68

m/p-Xylenes

Concen: 103.792 ug/l

RT: 11.781 min Scan# 1733

Delta R.T. -0.000 min

Lab File: VD074259.D

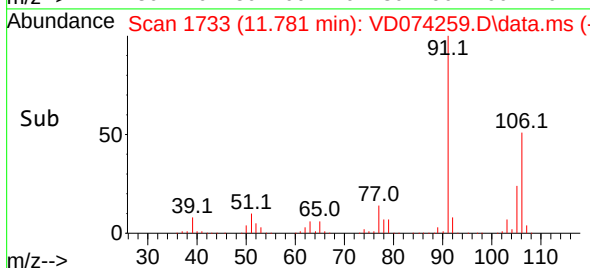
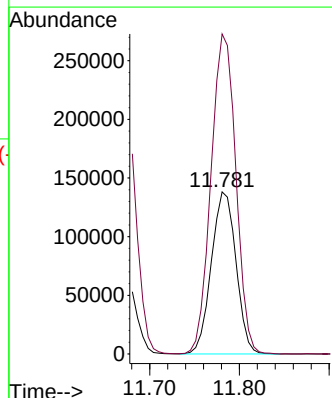
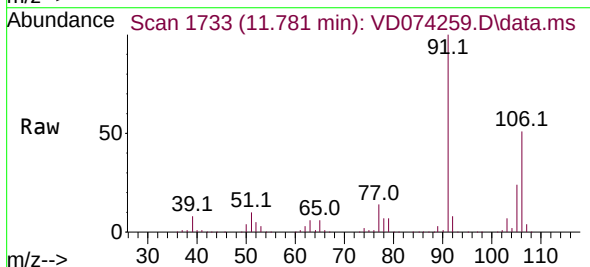
Acq: 12 Sep 2022 18:46

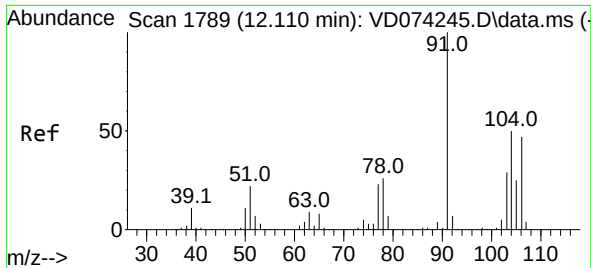
Tgt Ion: 106 Resp: 263614

Ion Ratio Lower Upper

106 100

91 199.3 158.6 237.8

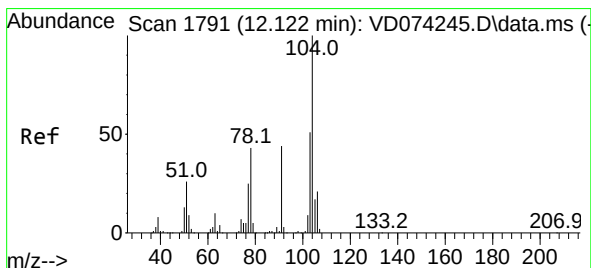
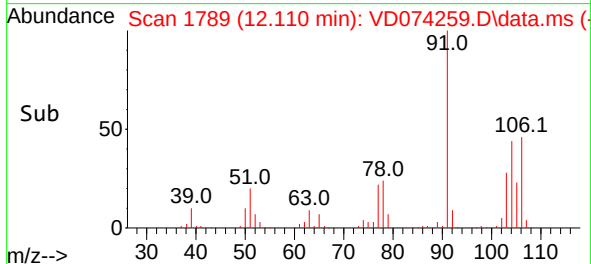
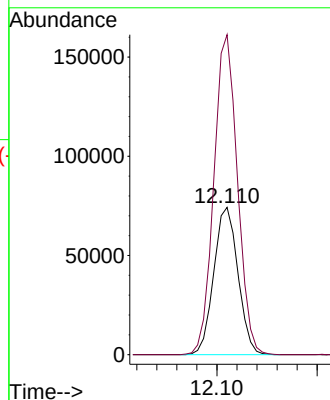
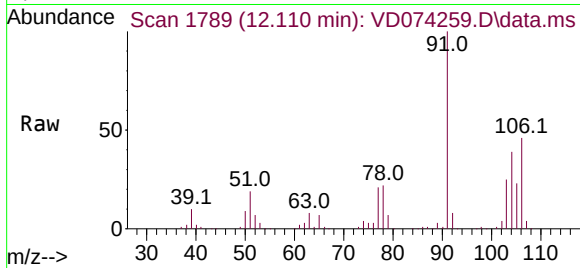




#69
o-Xylene
Concen: 51.805 ug/l
RT: 12.110 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

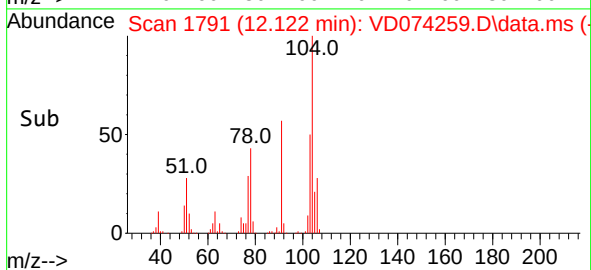
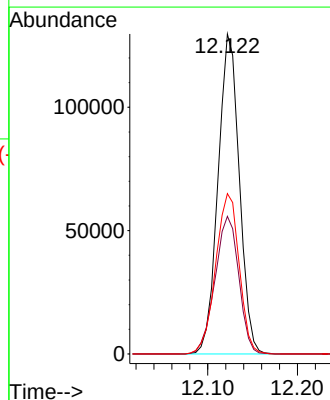
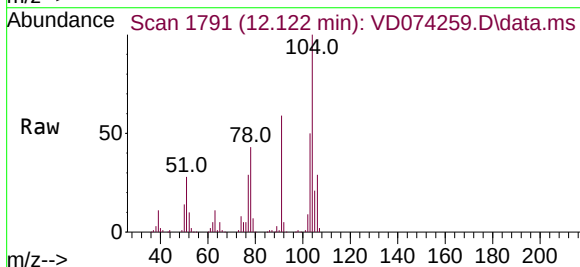
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

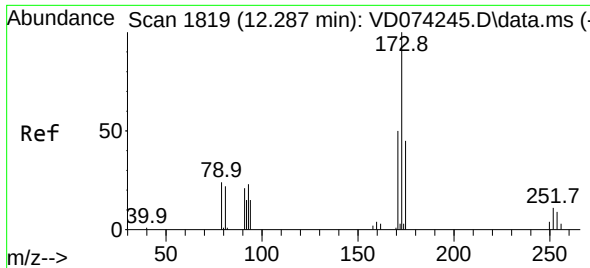
Tgt Ion:106 Resp: 124347
Ion Ratio Lower Upper
106 100
91 211.9 104.0 312.0



#70
Styrene
Concen: 53.372 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion:104 Resp: 213666
Ion Ratio Lower Upper
104 100
78 48.0 38.4 57.6
103 55.3 44.1 66.1

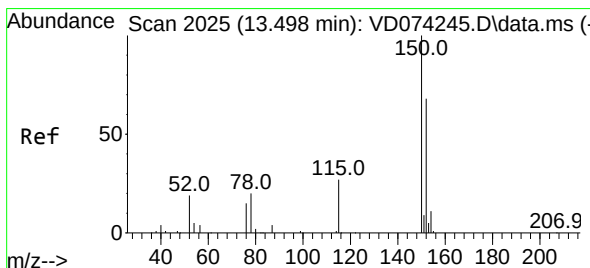
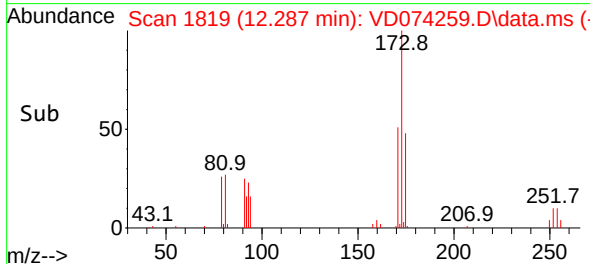
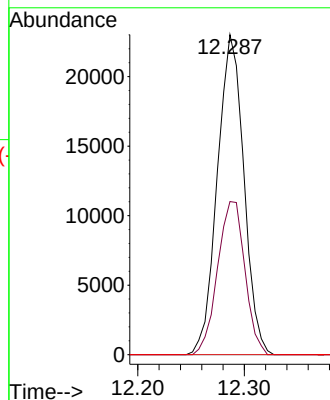
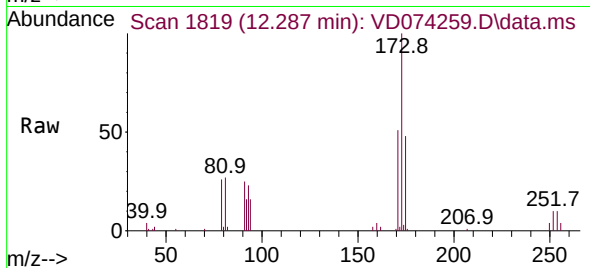




#71
Bromoform
Concen: 55.656 ug/l
RT: 12.287 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

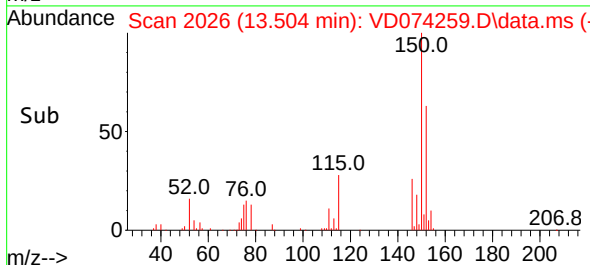
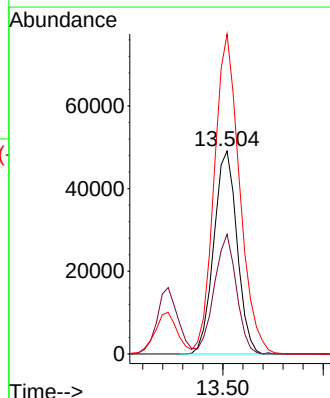
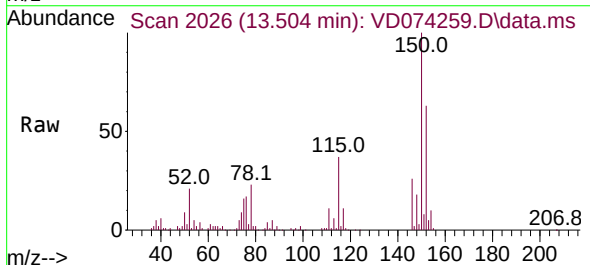
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

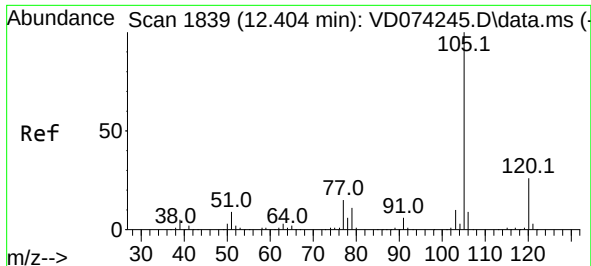
Tgt Ion:173 Resp: 39757
Ion Ratio Lower Upper
173 100
175 49.3 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.504 min Scan# 2026
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion:152 Resp: 78893
Ion Ratio Lower Upper
152 100
115 56.0 28.4 85.2
150 172.3 0.0 351.0

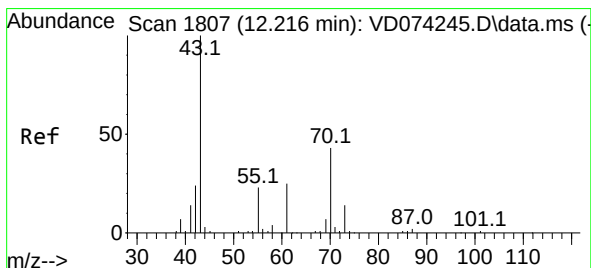
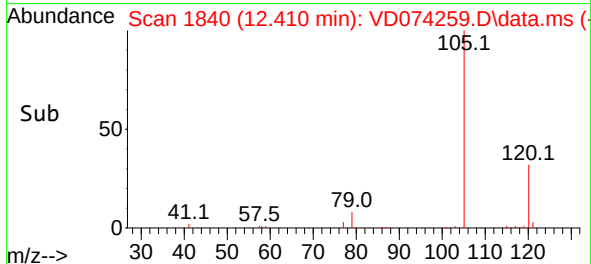
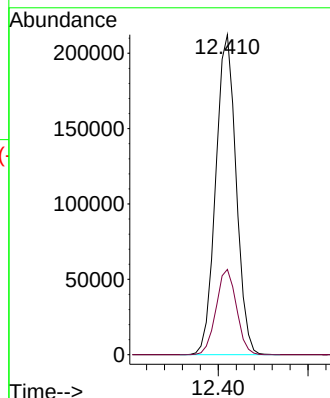
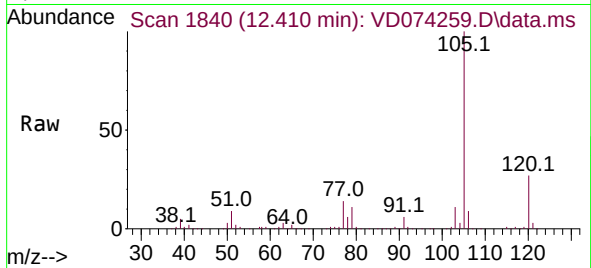




#73
Isopropylbenzene
Concen: 50.071 ug/l
RT: 12.410 min Scan# 1840
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

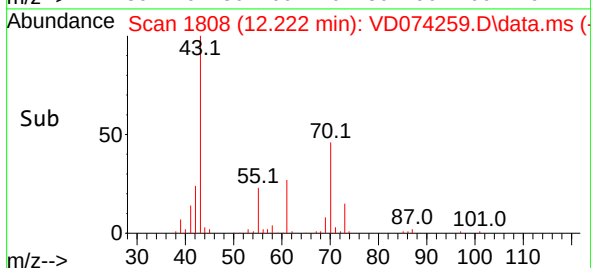
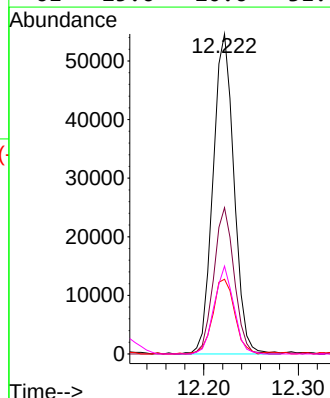
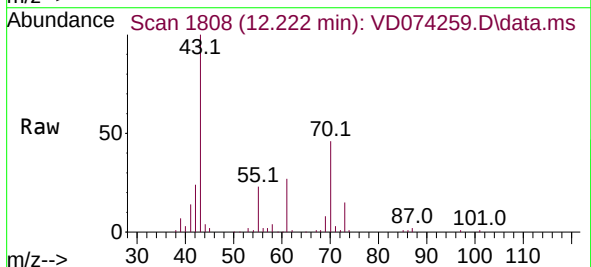
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

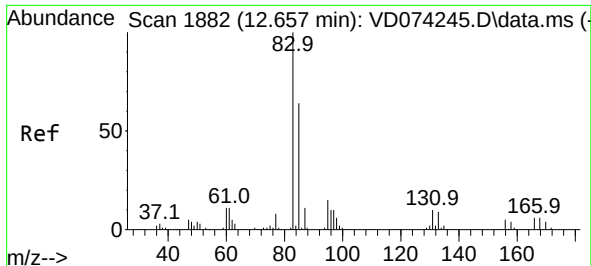
Tgt Ion:105 Resp: 334218
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6



#74
N-ethyl acetate
Concen: 53.590 ug/l
RT: 12.222 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion: 43 Resp: 84238
Ion Ratio Lower Upper
43 100
70 44.4 34.6 51.8
55 24.3 18.2 27.2
61 25.6 20.6 31.0

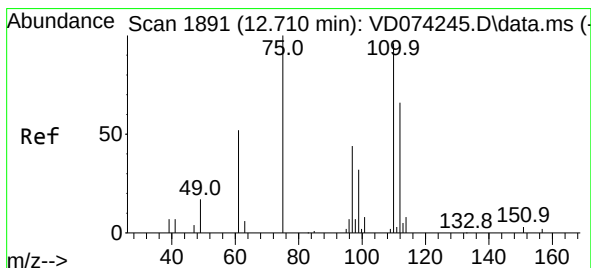
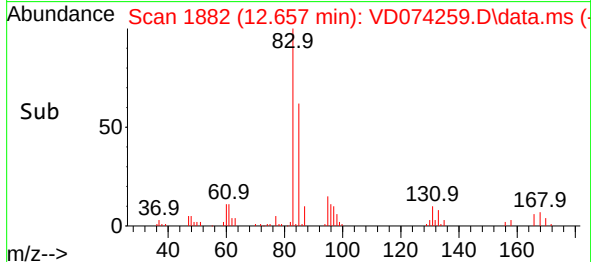
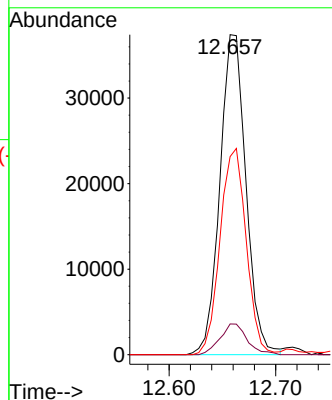
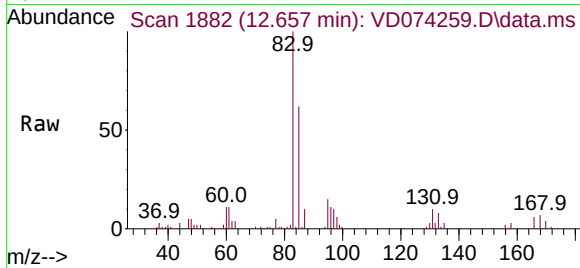




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.370 ug/l
 RT: 12.657 min Scan# 1882
 Delta R.T. -0.000 min
 Lab File: VD074259.D
 Acq: 12 Sep 2022 18:46

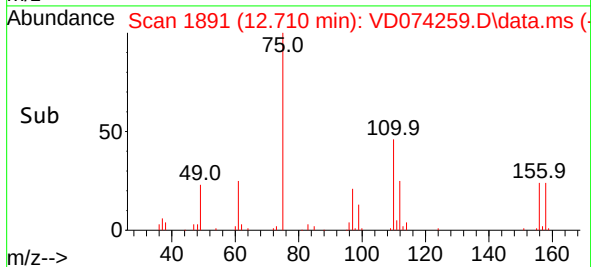
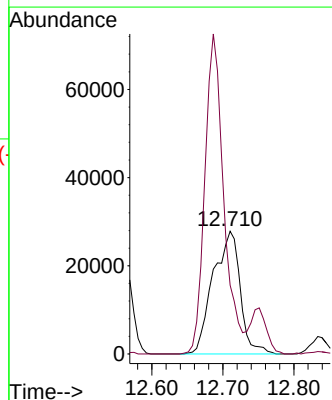
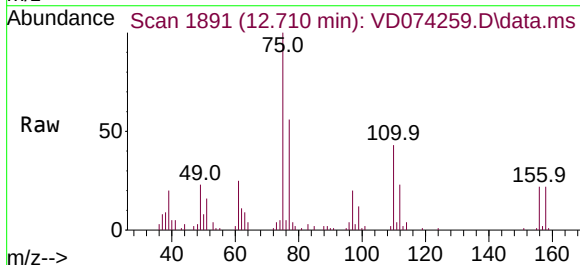
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

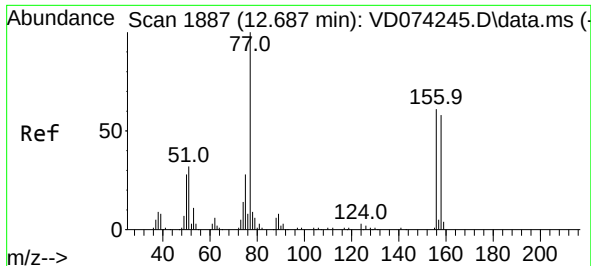
Tgt Ion: 83 Resp: 63650
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.9 14.7
 85 64.5 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 91.399 ug/l
 RT: 12.710 min Scan# 1891
 Delta R.T. -0.000 min
 Lab File: VD074259.D
 Acq: 12 Sep 2022 18:46

Tgt Ion: 75 Resp: 73921
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

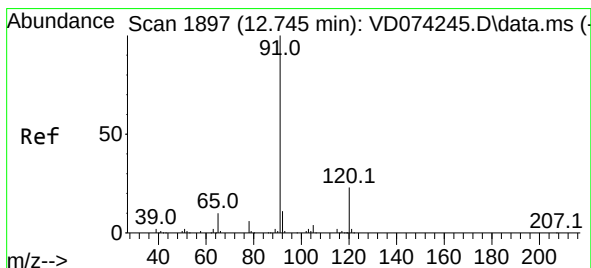
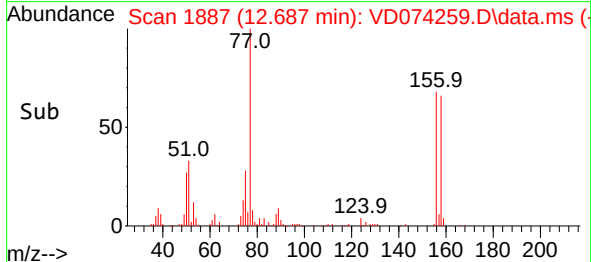
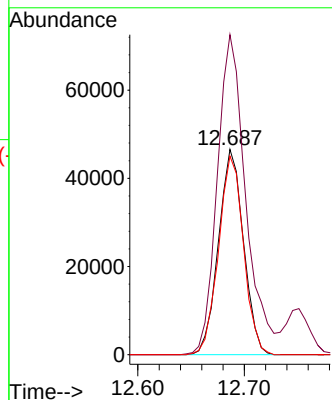
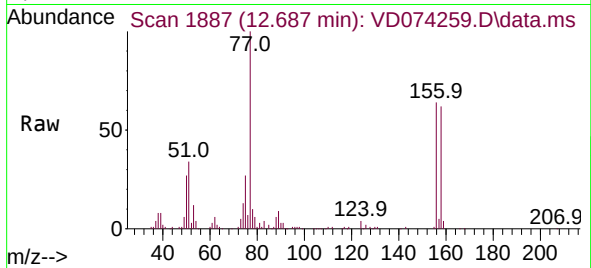




#77
Bromobenzene
Concen: 51.762 ug/l
RT: 12.687 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

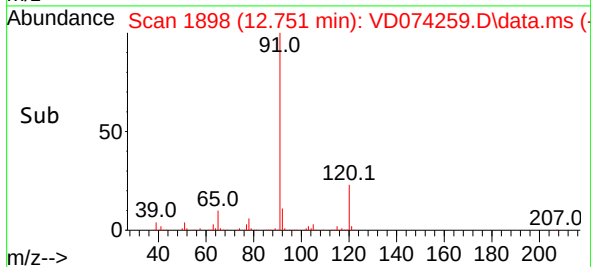
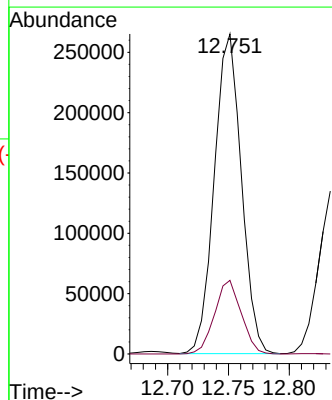
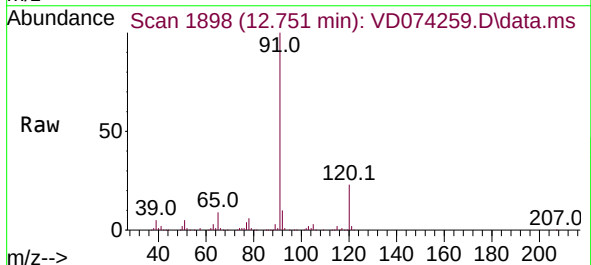
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

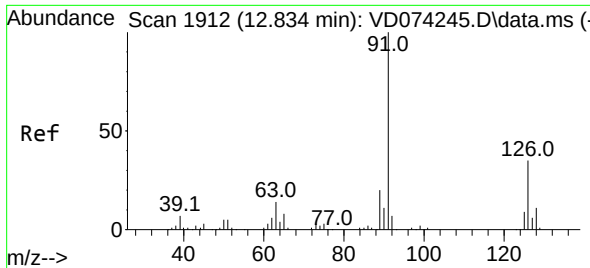
Tgt Ion:156 Resp: 75819
Ion Ratio Lower Upper
156 100
77 176.9 91.1 273.3
158 96.5 49.4 148.2



#78
n-propylbenzene
Concen: 50.097 ug/l
RT: 12.751 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion: 91 Resp: 410048
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7

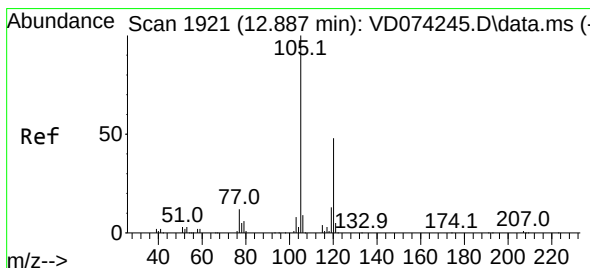
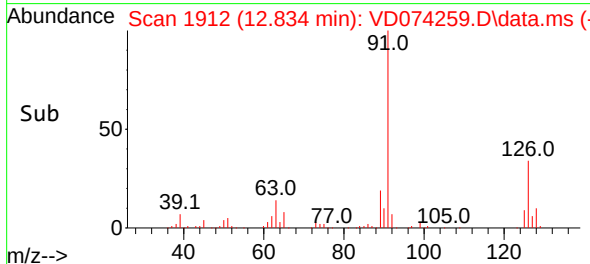
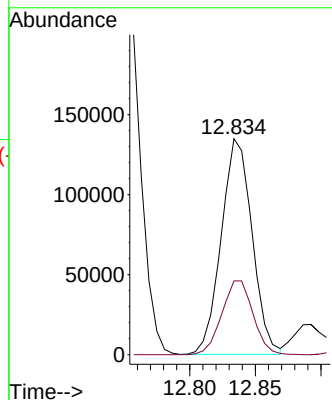
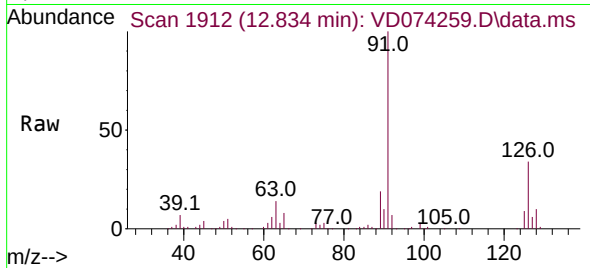




#79
2-Chlorotoluene
Concen: 49.847 ug/l
RT: 12.834 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

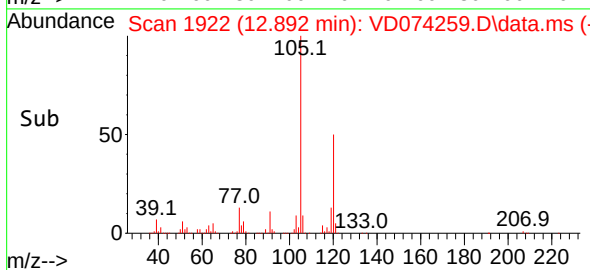
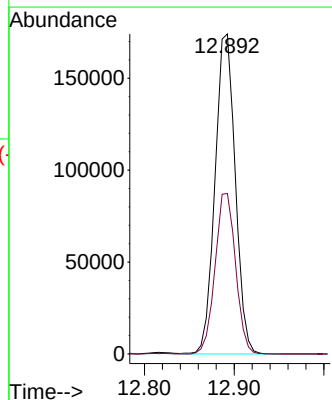
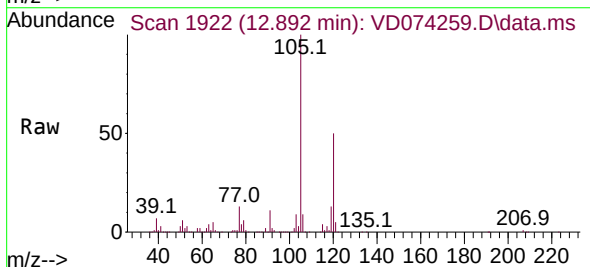
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

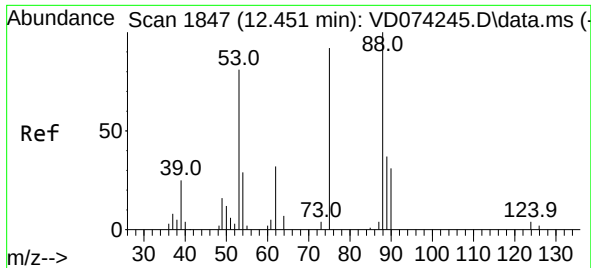
Tgt Ion: 91 Resp: 220702
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 49.347 ug/l
RT: 12.892 min Scan# 1922
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion: 105 Resp: 272901
Ion Ratio Lower Upper
105 100
120 50.8 24.6 74.0

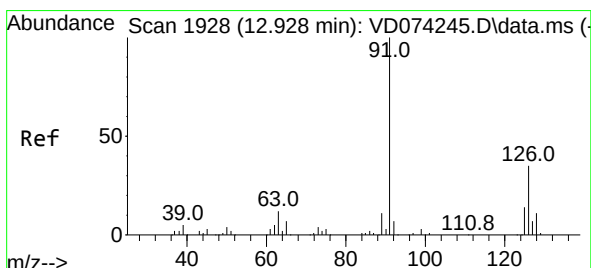
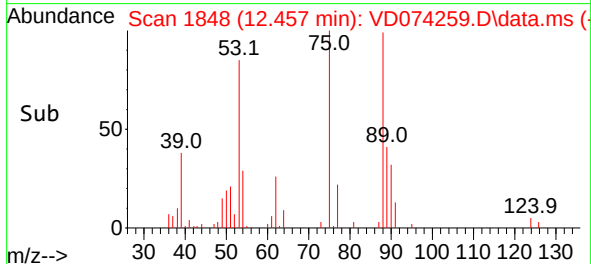
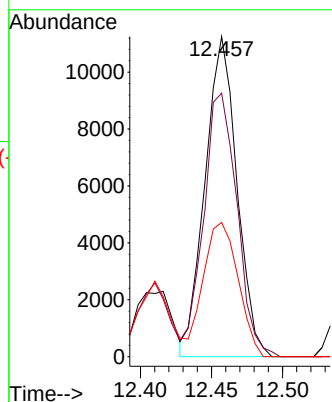
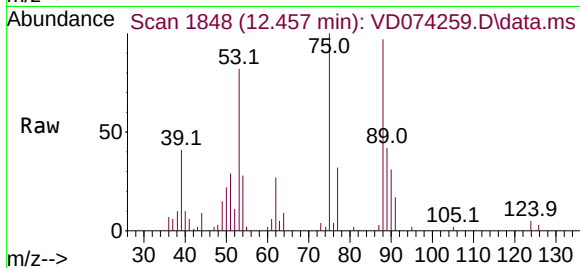




#81
trans-1,4-Dichloro-2-butene
Concen: 53.508 ug/l
RT: 12.457 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

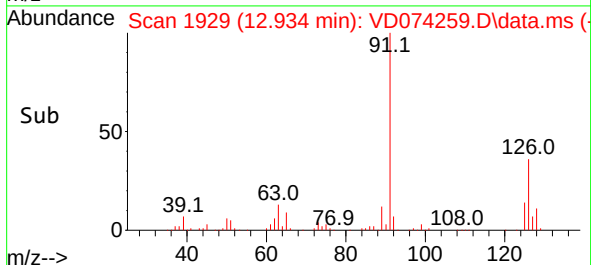
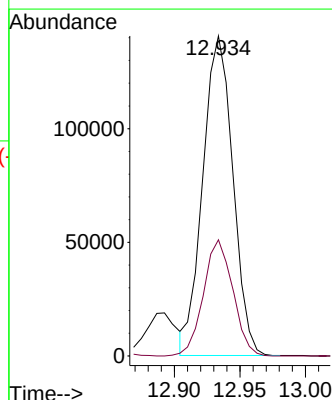
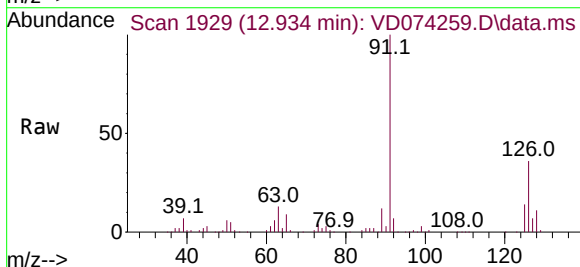
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

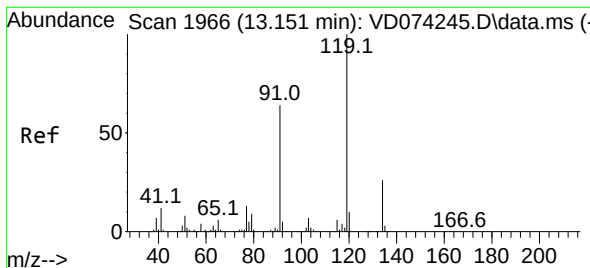
Tgt Ion: 75 Resp: 17552
Ion Ratio Lower Upper
75 100
53 86.4 0.0 0.0#
89 45.3 0.0 0.0#



#82
4-Chlorotoluene
Concen: 49.801 ug/l
RT: 12.934 min Scan# 1929
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion: 91 Resp: 224488
Ion Ratio Lower Upper
91 100
126 35.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 49.472 ug/l

RT: 13.151 min Scan# 1966

Delta R.T. -0.000 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

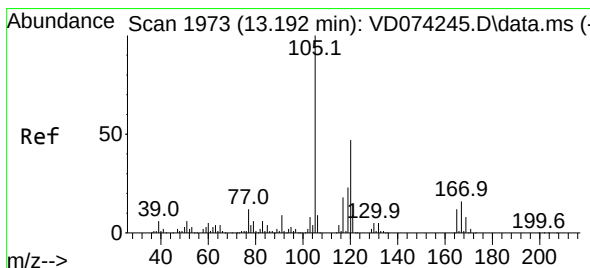
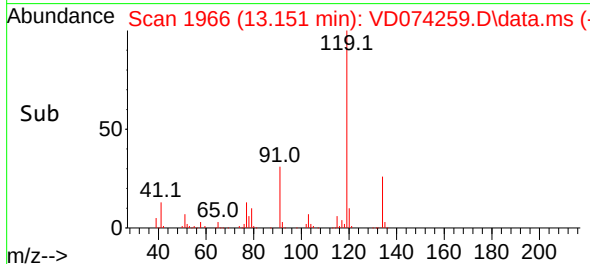
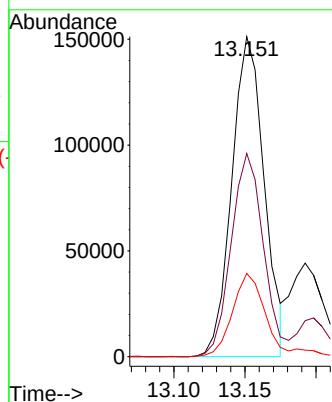
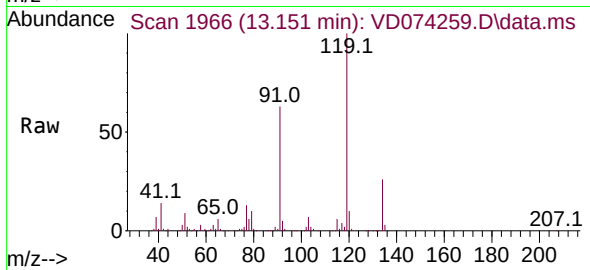
Tgt Ion:119 Resp: 239465

Ion Ratio Lower Upper

119 100

91 63.7 31.3 93.9

134 27.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 50.448 ug/l

RT: 13.198 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VD074259.D

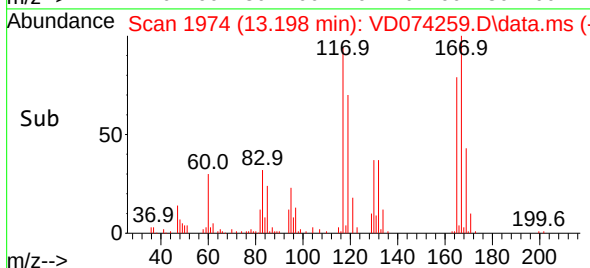
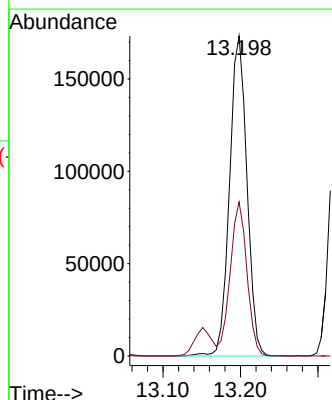
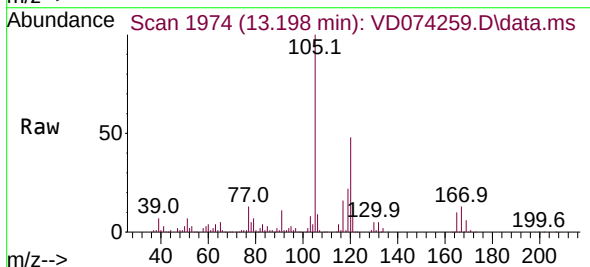
Acq: 12 Sep 2022 18:46

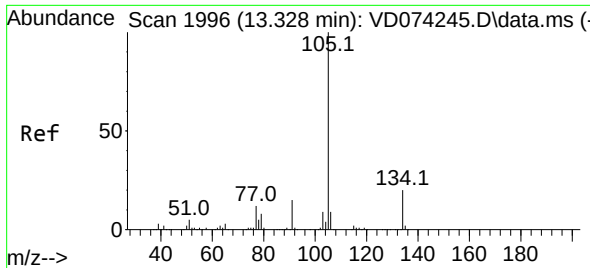
Tgt Ion:105 Resp: 270837

Ion Ratio Lower Upper

105 100

120 46.4 23.1 69.3

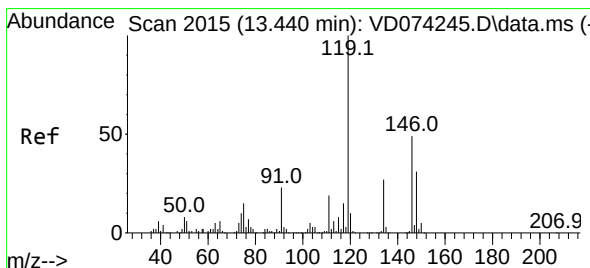
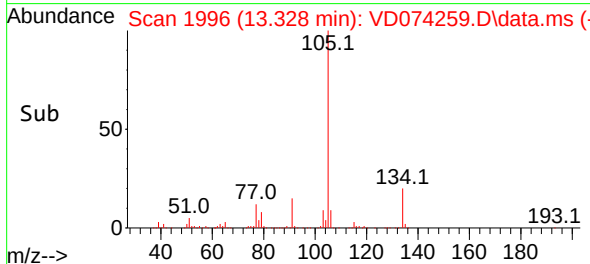
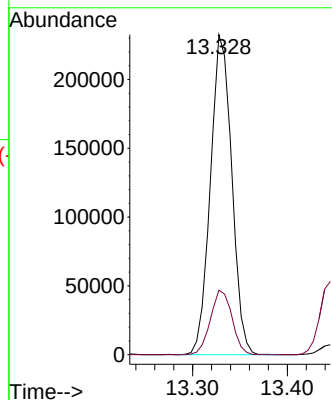
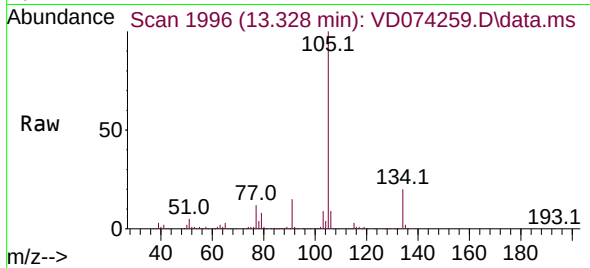




#85
 sec-Butylbenzene
 Concen: 49.594 ug/l
 RT: 13.328 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VD074259.D
 Acq: 12 Sep 2022 18:46

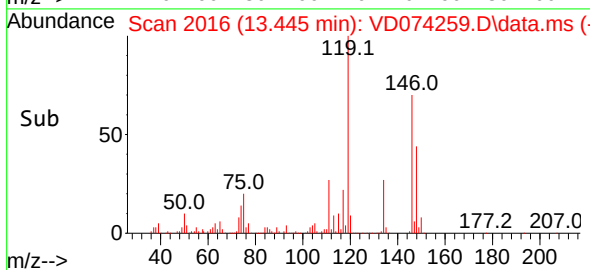
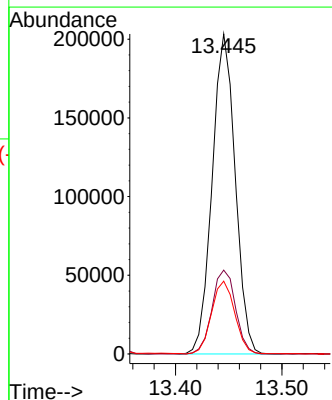
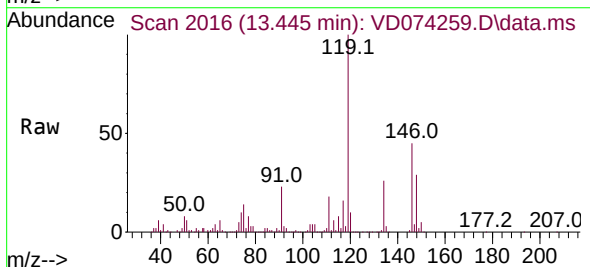
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

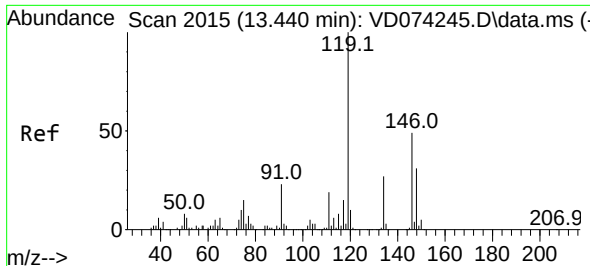
Tgt Ion:105 Resp: 363644
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 50.986 ug/l
 RT: 13.445 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VD074259.D
 Acq: 12 Sep 2022 18:46

Tgt Ion:119 Resp: 305358
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 23.0 11.2 33.5

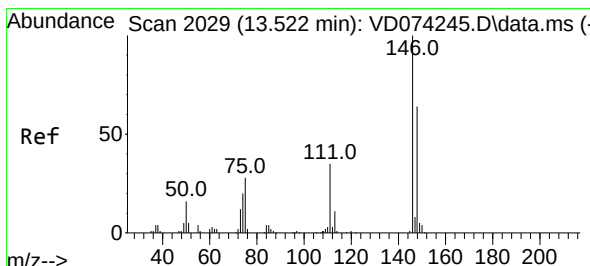
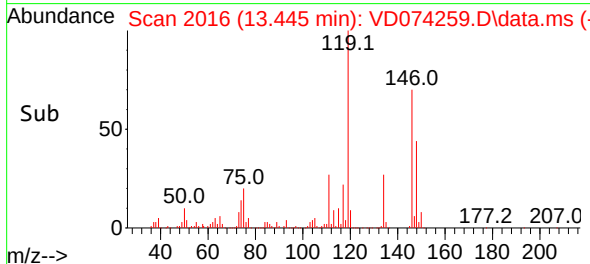
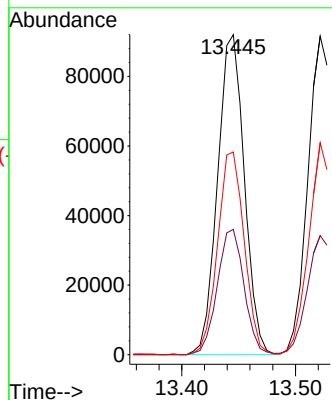
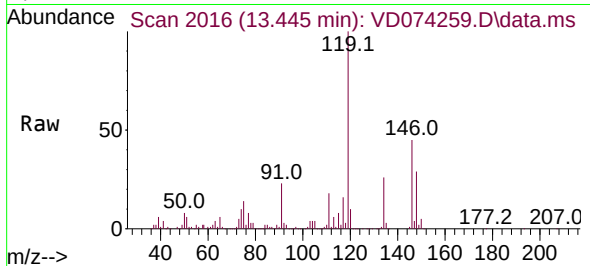




#87
1,3-Dichlorobenzene
Concen: 50.411 ug/l
RT: 13.445 min Scan# 2015
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

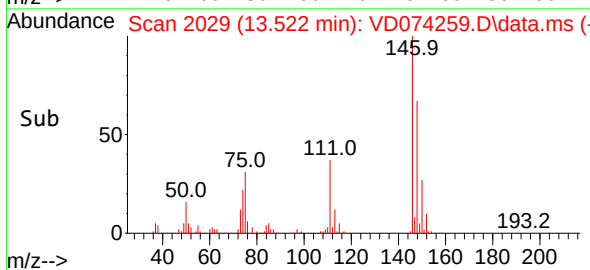
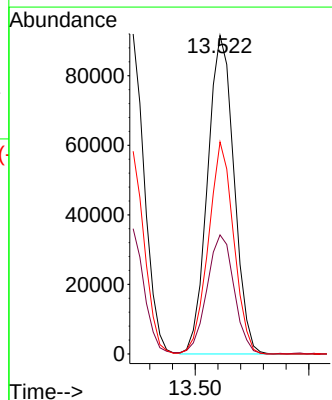
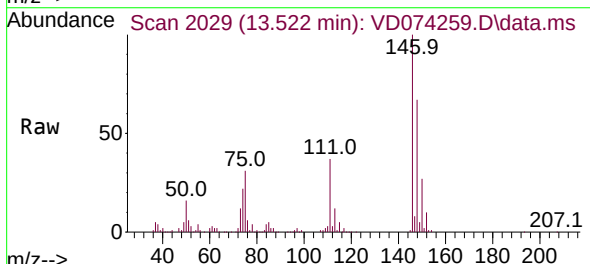
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

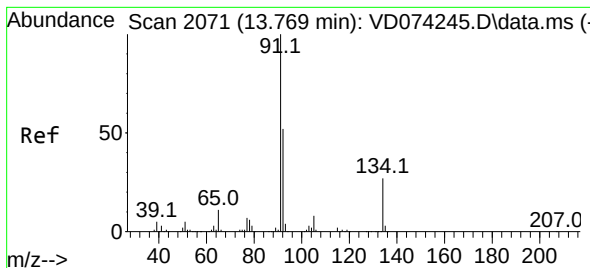
Tgt Ion:146 Resp: 150598
Ion Ratio Lower Upper
146 100
111 39.2 18.1 54.4
148 63.1 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 50.453 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion:146 Resp: 148218
Ion Ratio Lower Upper
146 100
111 38.4 18.4 55.2
148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 51.006 ug/l

RT: 13.769 min Scan# 2071

Delta R.T. -0.000 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

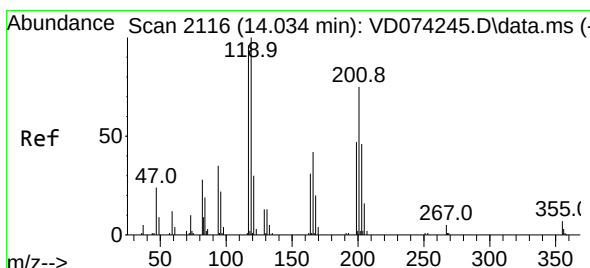
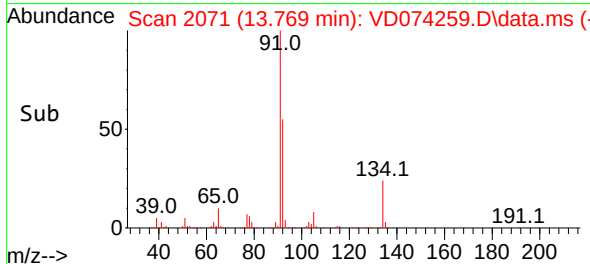
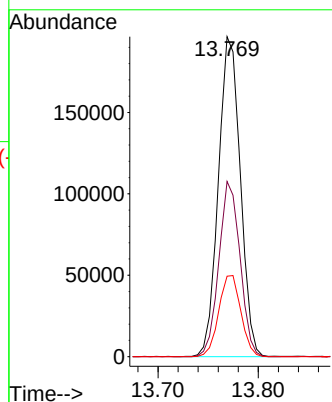
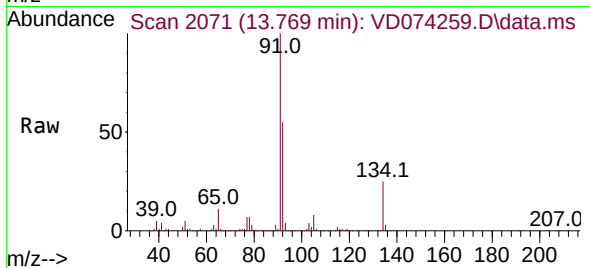
Tgt Ion: 91 Resp: 298505

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.7

134 25.6 13.1 39.1



#90

Hexachloroethane

Concen: 51.712 ug/l

RT: 14.039 min Scan# 2117

Delta R.T. 0.006 min

Lab File: VD074259.D

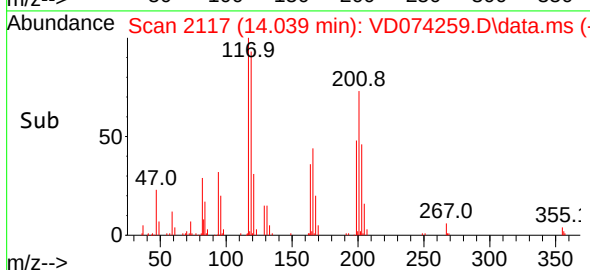
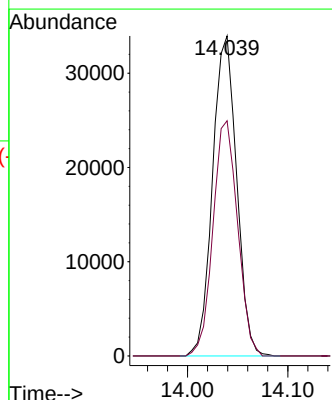
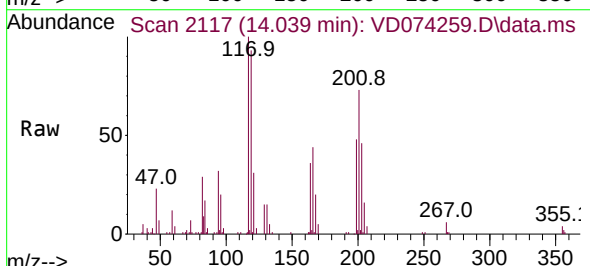
Acq: 12 Sep 2022 18:46

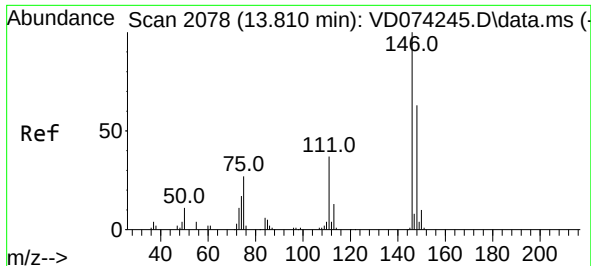
Tgt Ion: 117 Resp: 56655

Ion Ratio Lower Upper

117 100

201 75.1 38.0 113.9





#91

1,2-Dichlorobenzene

Concen: 50.552 ug/l

RT: 13.816 min Scan# 2078

Delta R.T. 0.006 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

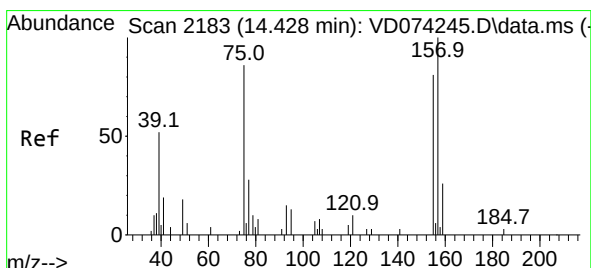
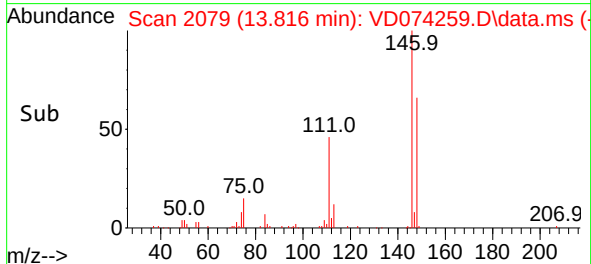
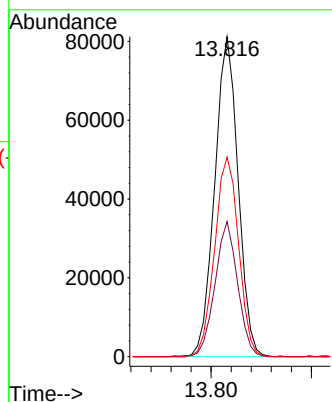
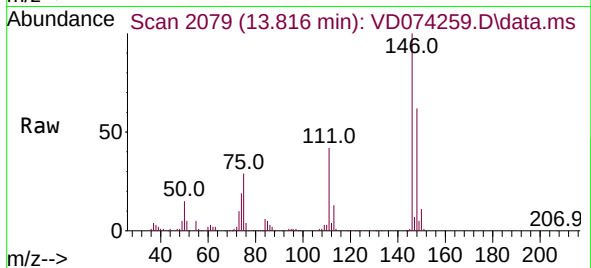
Tgt Ion:146 Resp: 131337

Ion Ratio Lower Upper

146 100

111 41.1 19.4 58.4

148 63.8 31.5 94.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.181 ug/l

RT: 14.428 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VD074259.D

Acq: 12 Sep 2022 18:46

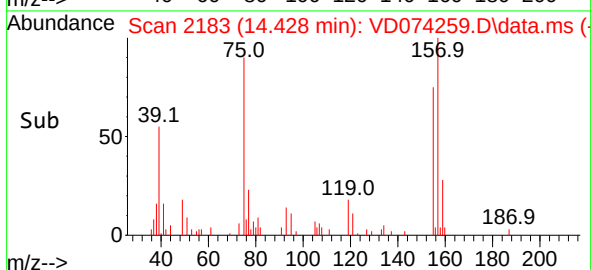
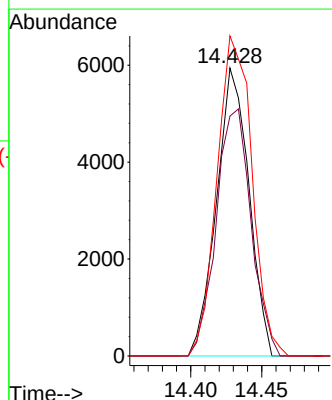
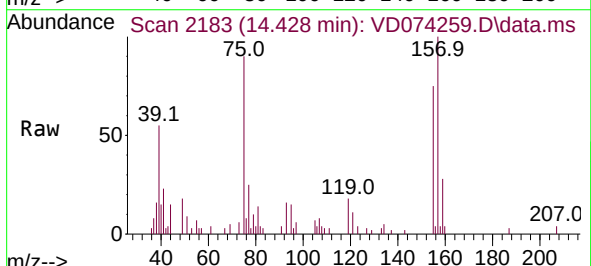
Tgt Ion: 75 Resp: 9424

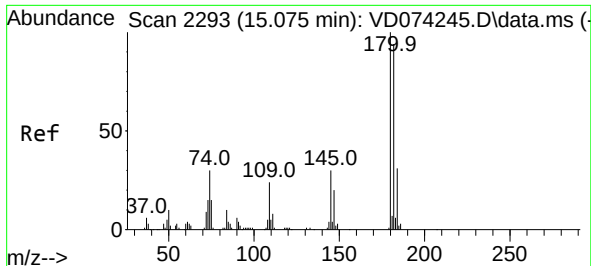
Ion Ratio Lower Upper

75 100

155 92.2 49.2 147.6

157 119.8 62.1 186.2

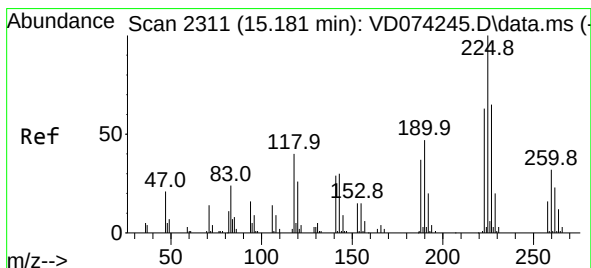
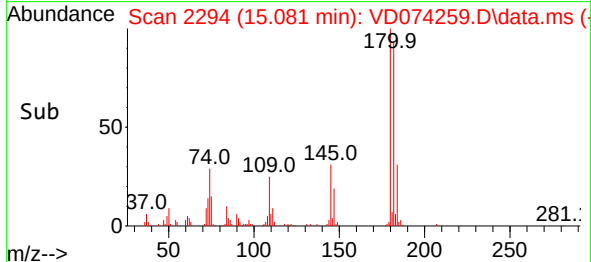
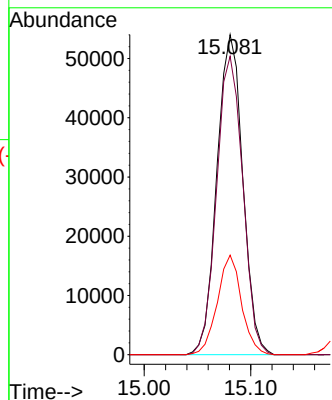
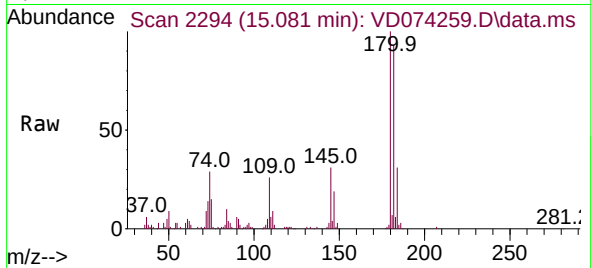




#93
1,2,4-Trichlorobenzene
Concen: 50.754 ug/l
RT: 15.081 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

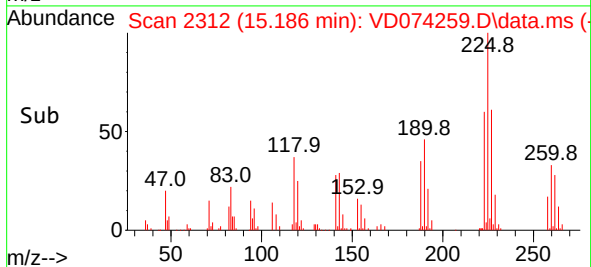
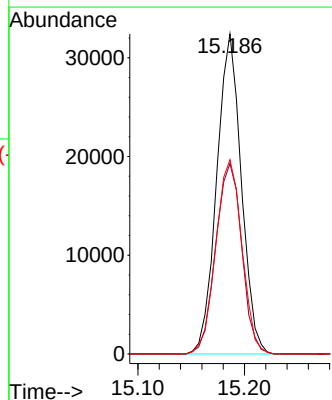
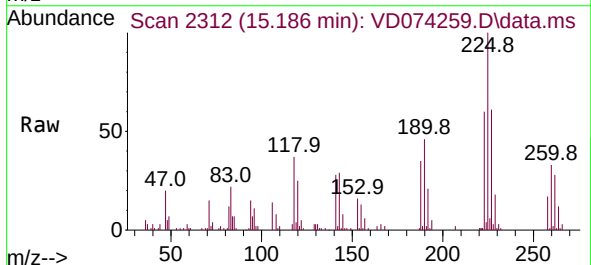
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

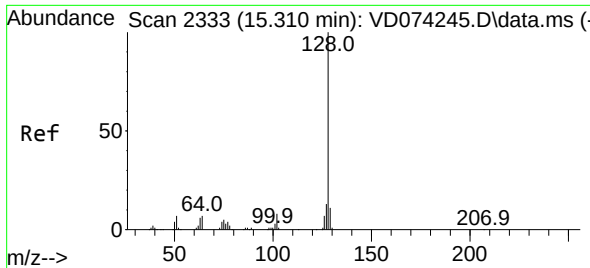
Tgt Ion:180 Resp: 91146
Ion Ratio Lower Upper
180 100
182 94.1 47.6 142.9
145 29.1 14.4 43.4



#94
Hexachlorobutadiene
Concen: 50.667 ug/l
RT: 15.186 min Scan# 2312
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion:225 Resp: 51997
Ion Ratio Lower Upper
225 100
223 62.9 32.4 97.0
227 64.1 32.7 98.1

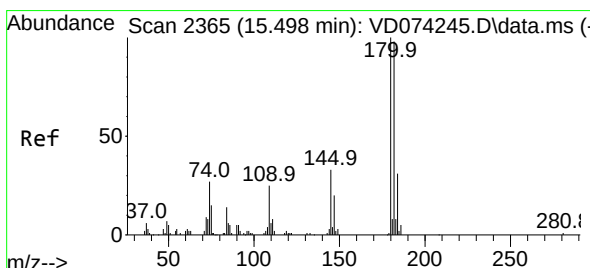
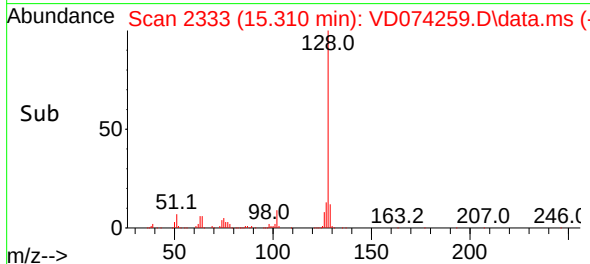
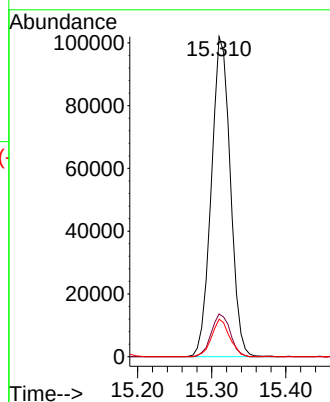
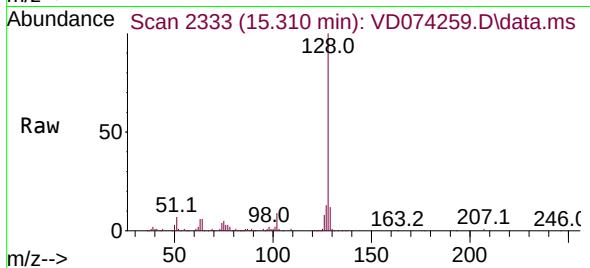




#95
Naphthalene
Concen: 54.124 ug/l
RT: 15.310 min Scan# 2333
Delta R.T. -0.000 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 181623
Ion Ratio Lower Upper
128 100
127 13.3 10.9 16.3
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.422 ug/l
RT: 15.504 min Scan# 2366
Delta R.T. 0.006 min
Lab File: VD074259.D
Acq: 12 Sep 2022 18:46

Tgt Ion:180 Resp: 80819
Ion Ratio Lower Upper
180 100
182 94.1 47.5 142.5
145 30.3 15.8 47.3

