

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073880.D
 Acq On : 20 Jul 2022 15:31
 Operator : VA/SY
 Sample : VD0720SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0720SBS02

Quant Time: Jul 21 01:10:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	136394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	228811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	208105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	105901	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	86335	53.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.020%	
35) Dibromofluoromethane	7.903	113	90099	55.816	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.640%	
50) Toluene-d8	10.332	98	319541	54.530	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.060%	
62) 4-Bromofluorobenzene	12.620	95	111649	55.415	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	30881	23.712	ug/l	98
3) Chloromethane	2.209	50	53977	23.760	ug/l	100
4) Vinyl Chloride	2.344	62	66512	21.159	ug/l	98
5) Bromomethane	2.744	94	34554	16.262	ug/l	96
6) Chloroethane	2.909	64	46108	21.761	ug/l	98
7) Trichlorofluoromethane	3.256	101	106355	37.835	ug/l	100
8) Diethyl Ether	3.703	74	14853	21.540	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.073	101	33658	21.578	ug/l	94
10) Methyl Iodide	4.285	142	31869	20.741	ug/l	92
11) Tert butyl alcohol	5.232	59	10066	90.393	ug/l	97
12) 1,1-Dichloroethene	4.050	96	31265	22.557	ug/l #	70
13) Acrolein	3.920	56	7950	105.156	ug/l	95
14) Allyl chloride	4.697	41	41216	20.372	ug/l #	91
15) Acrylonitrile	5.415	53	31569	112.171	ug/l	98
16) Acetone	4.162	43	26888	100.609	ug/l #	88
17) Carbon Disulfide	4.397	76	94466	21.329	ug/l	100
18) Methyl Acetate	4.720	43	17088	25.493	ug/l #	89
19) Methyl tert-butyl Ether	5.467	73	72421	21.813	ug/l	95
20) Methylene Chloride	4.950	84	43369	14.176	ug/l	83
21) trans-1,2-Dichloroethene	5.462	96	35890	21.903	ug/l	91
22) Diisopropyl ether	6.362	45	91674	21.293	ug/l #	91
23) Vinyl Acetate	6.297	43	245939	104.655	ug/l #	89
24) 1,1-Dichloroethane	6.256	63	61188	21.517	ug/l	99
25) 2-Butanone	7.203	43	39140	103.183	ug/l #	75
26) 2,2-Dichloropropane	7.197	77	55328	21.910	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	38759	21.011	ug/l	92
28) Bromochloromethane	7.538	49	20483	19.198	ug/l #	72
29) Tetrahydrofuran	7.561	42	27216	118.325	ug/l	91
30) Chloroform	7.703	83	66833	21.352	ug/l	98
31) Cyclohexane	7.973	56	52390	20.244	ug/l #	83
32) 1,1,1-Trichloroethane	7.897	97	61695	21.186	ug/l	97
36) 1,1-Dichloropropene	8.103	75	50169	21.544	ug/l	98
37) Ethyl Acetate	7.291	43	18635	22.255	ug/l #	91
38) Carbon Tetrachloride	8.085	117	53344	20.058	ug/l	98
39) Methylcyclohexane	9.344	83	58550	21.569	ug/l	91
40) Benzene	8.344	78	135444	21.378	ug/l	99

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 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0720SBS02

Quant Time: Jul 21 01:10:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	11120	21.370	ug/l	91
42) 1,2-Dichloroethane	8.414	62	42631	21.985	ug/l	98
43) Isopropyl Acetate	8.444	43	37320	22.302	ug/l #	93
44) Trichloroethene	9.103	130	40920	23.142	ug/l	97
45) 1,2-Dichloropropane	9.379	63	32043	20.924	ug/l	96
46) Dibromomethane	9.467	93	21102	22.717	ug/l	98
47) Bromodichloromethane	9.650	83	50606	21.042	ug/l #	99
48) Methyl methacrylate	9.444	41	17972	21.906	ug/l #	80
49) 1,4-Dioxane	9.455	88	4715	485.122	ug/l	91
51) 4-Methyl-2-Pentanone	10.214	43	92589	110.678	ug/l	94
52) Toluene	10.391	92	90258	21.167	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	46688	21.989	ug/l	91
54) cis-1,3-Dichloropropene	10.079	75	51722	21.053	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	27044	22.888	ug/l	96
56) Ethyl methacrylate	10.650	69	29104	21.276	ug/l	93
57) 1,3-Dichloropropane	10.938	76	44192	21.992	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.926	63	55585	75.992	ug/l	93
59) 2-Hexanone	10.973	43	62687	109.665	ug/l	96
60) Dibromochloromethane	11.132	129	33863	21.156	ug/l	97
61) 1,2-Dibromoethane	11.232	107	26813	22.429	ug/l	99
64) Tetrachloroethene	10.861	164	35160	25.332	ug/l	96
65) Chlorobenzene	11.655	112	96954	22.621	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.732	131	35845	22.006	ug/l	96
67) Ethyl Benzene	11.732	91	170823	21.586	ug/l	99
68) m/p-Xylenes	11.838	106	136073	43.992	ug/l	96
69) o-Xylene	12.167	106	62728	21.661	ug/l	93
70) Styrene	12.179	104	104765	21.161	ug/l	98
71) Bromoform	12.349	173	20196	22.914	ug/l #	100
73) Isopropylbenzene	12.467	105	165629	20.649	ug/l	99
74) N-amyl acetate	12.273	43	36111	22.824	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	29592	21.345	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	37844	33.305	ug/l #	100
77) Bromobenzene	12.749	156	38490	21.592	ug/l	89
78) n-propylbenzene	12.808	91	209558	21.416	ug/l	99
79) 2-Chlorotoluene	12.891	91	117424	21.392	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	141183	20.881	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	8543	20.288	ug/l	93
82) 4-Chlorotoluene	12.991	91	121820	20.986	ug/l	96
83) tert-Butylbenzene	13.208	119	121791	21.068	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	139650	20.737	ug/l	100
85) sec-Butylbenzene	13.385	105	188246	21.595	ug/l	98
86) p-Isopropyltoluene	13.502	119	157403	21.444	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	80404	21.539	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	81047	21.964	ug/l	99
89) n-Butylbenzene	13.826	91	149003	21.381	ug/l	99
90) Hexachloroethane	14.096	117	25657	17.689	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	68838	21.344	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	4867	20.906	ug/l	82
93) 1,2,4-Trichlorobenzene	15.143	180	41715	21.186	ug/l	97
94) Hexachlorobutadiene	15.249	225	22861	21.909	ug/l	95
95) Naphthalene	15.379	128	76570	21.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	36262	21.662	ug/l	98

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

Quant Time: Jul 21 01:10:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 20 15:29:08 2022
Response via : Initial Calibration

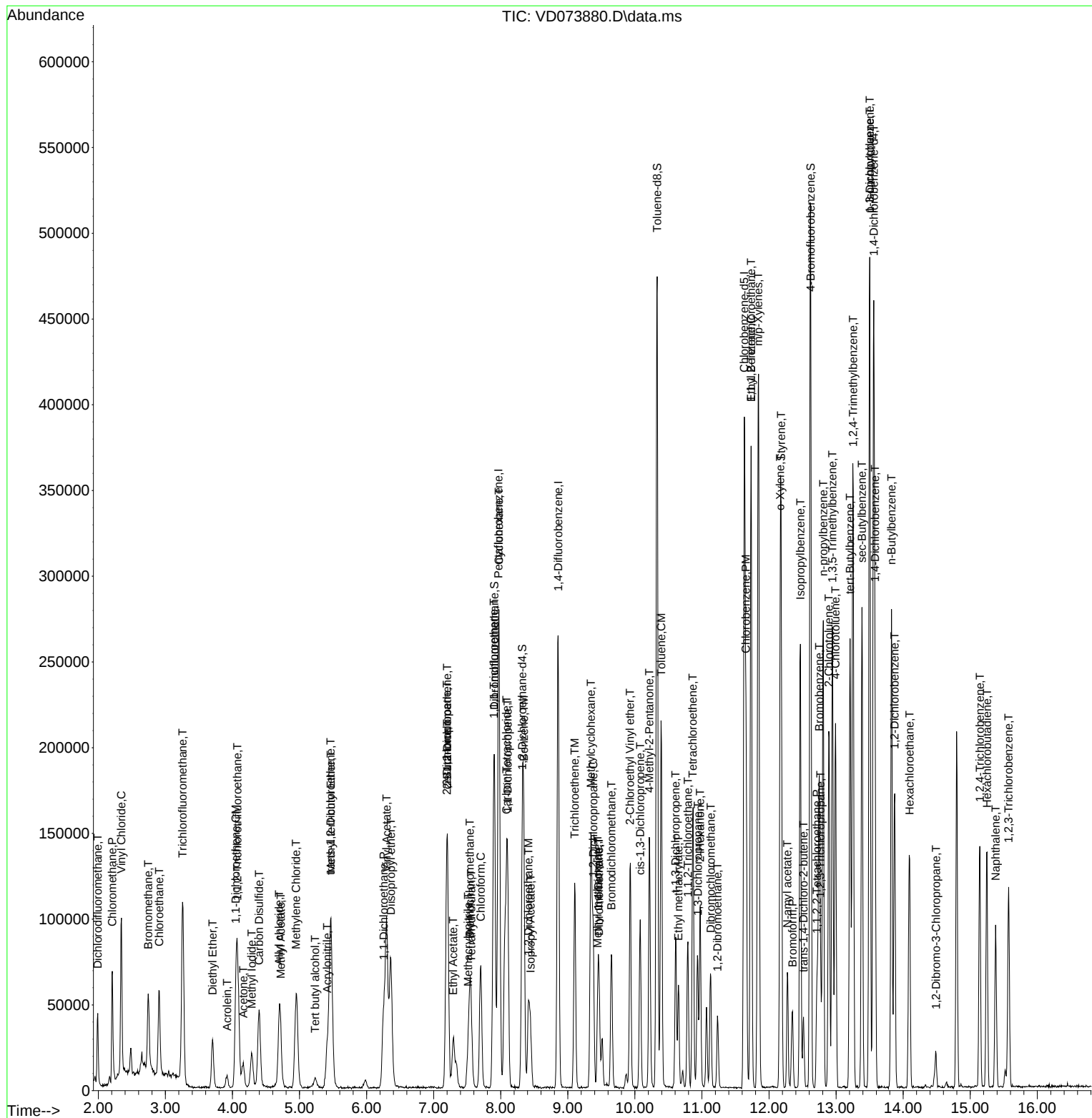
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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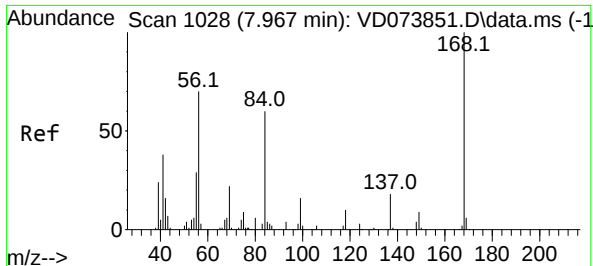
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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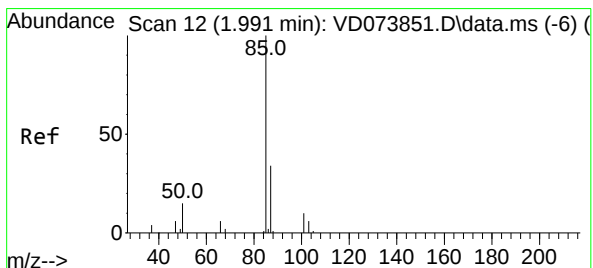
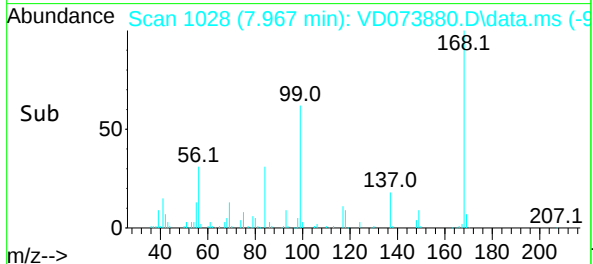
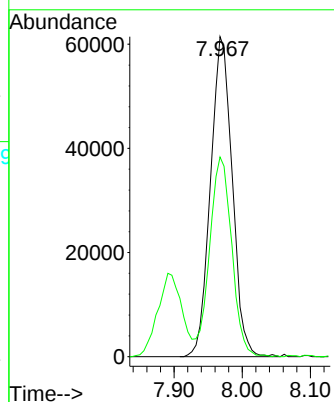
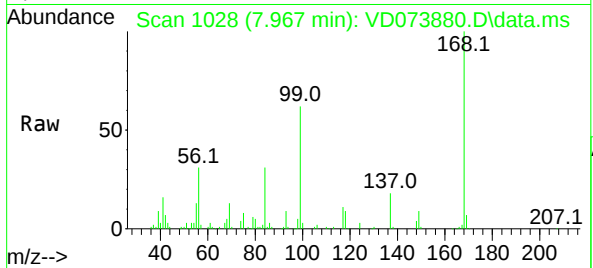




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

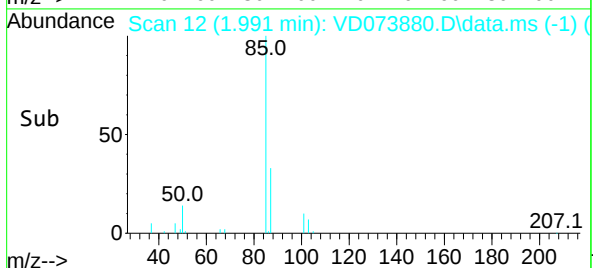
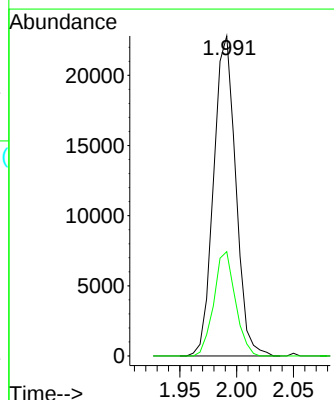
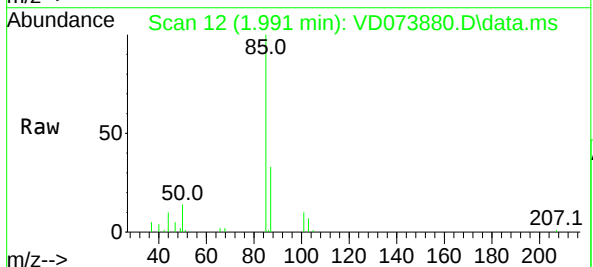
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

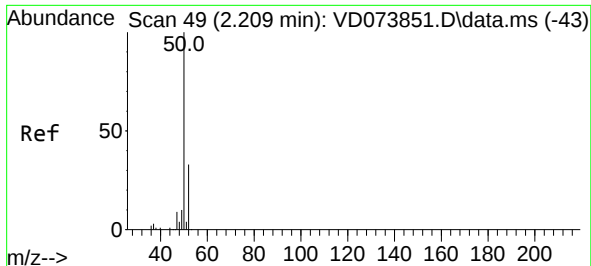
Tgt Ion:168 Resp: 136394
Ion Ratio Lower Upper
168 100
99 62.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 23.712 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

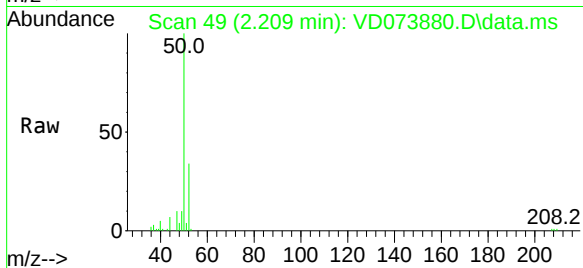
Tgt Ion: 85 Resp: 30881
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.0



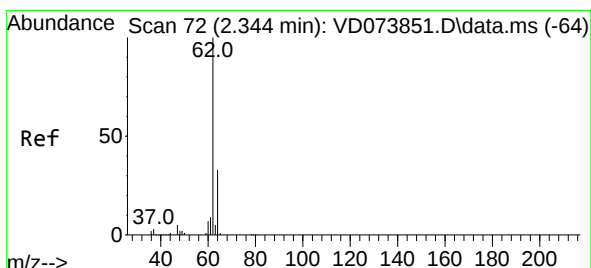
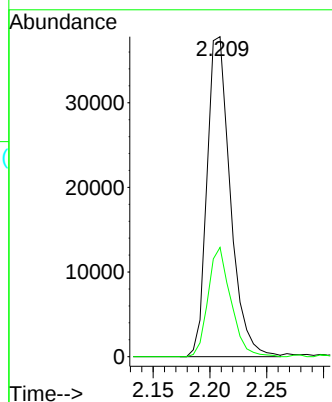
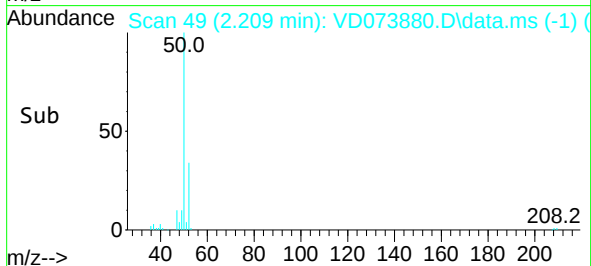


#3
Chloromethane
Concen: 23.760 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

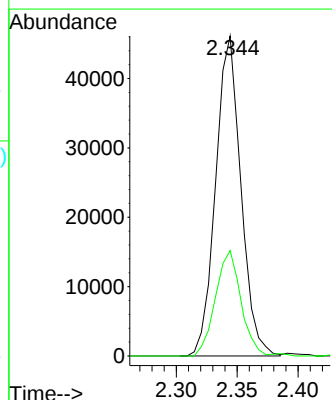
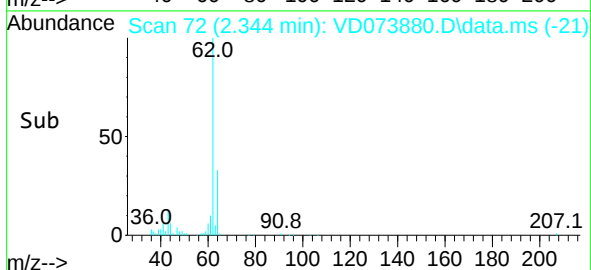
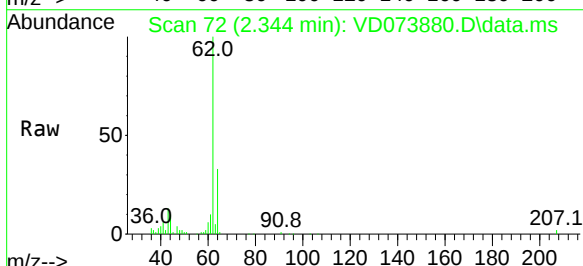


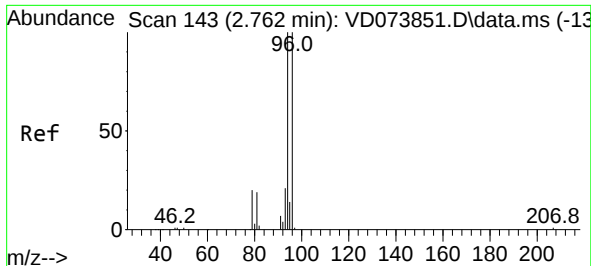
Tgt Ion: 50 Resp: 53977
Ion Ratio Lower Upper
50 100
52 34.2 27.4 41.0



#4
Vinyl Chloride
Concen: 21.159 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 62 Resp: 66512
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.0

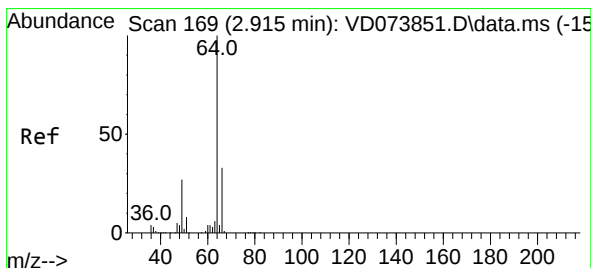
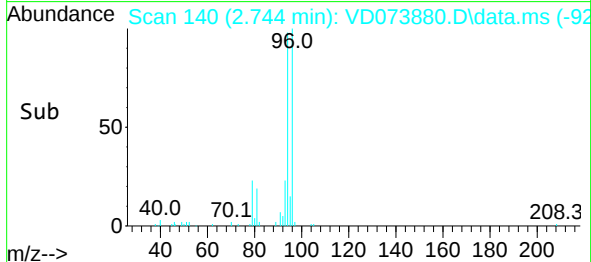
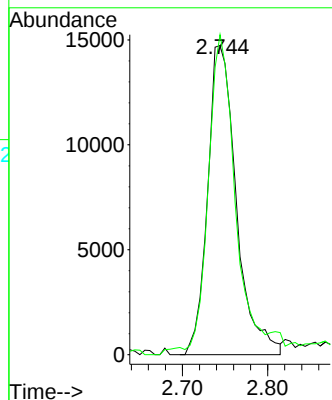
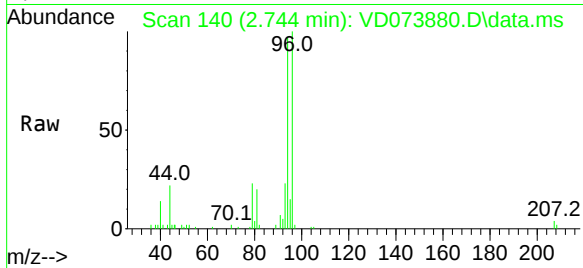




#5
Bromomethane
Concen: 16.262 ug/l
RT: 2.744 min Scan# 14
Delta R.T. -0.018 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

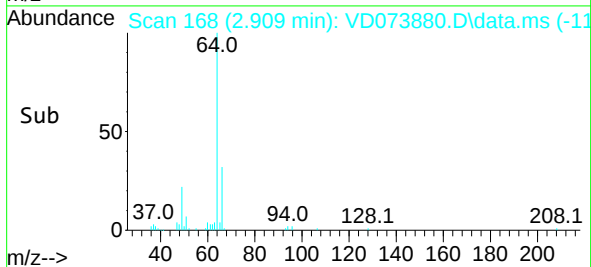
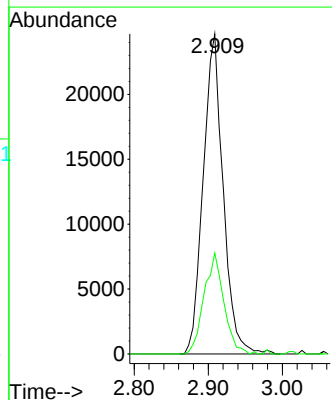
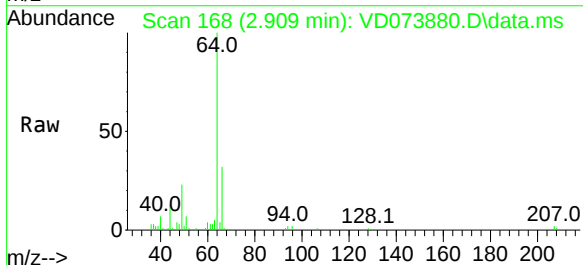
Instrument :
MSVOA_D
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VD0720SBS02

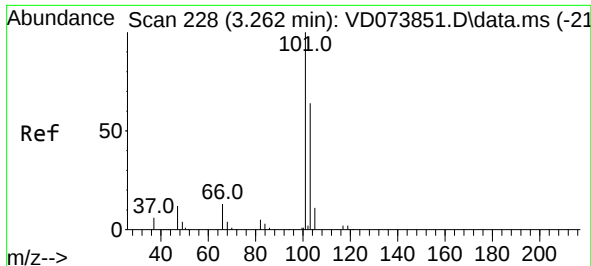
Tgt Ion: 94 Resp: 34554
Ion Ratio Lower Upper
94 100
96 101.2 77.6 116.4



#6
Chloroethane
Concen: 21.761 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 64 Resp: 46108
Ion Ratio Lower Upper
64 100
66 31.5 25.9 38.9

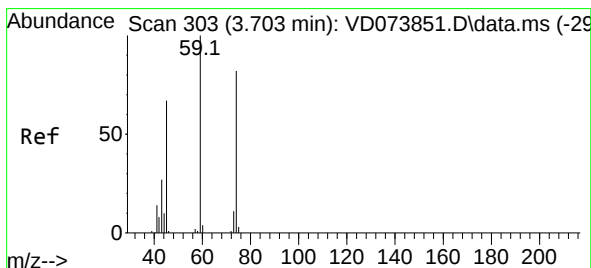
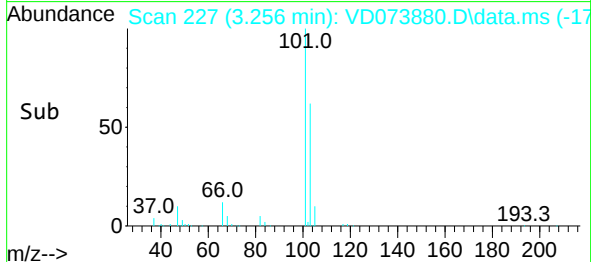
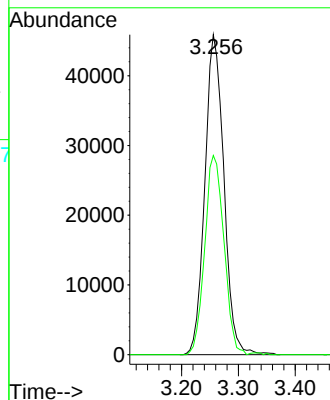
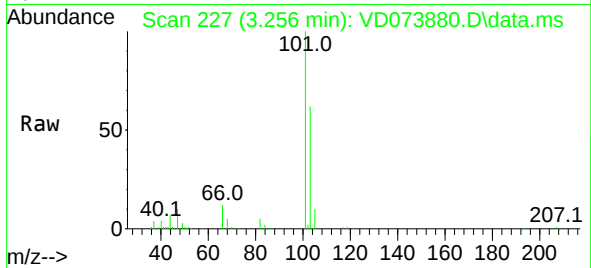




#7
Trichlorofluoromethane
Concen: 37.835 ug/l
RT: 3.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

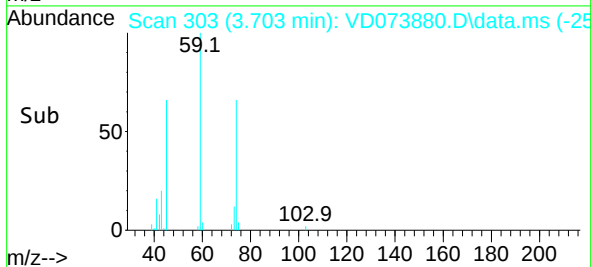
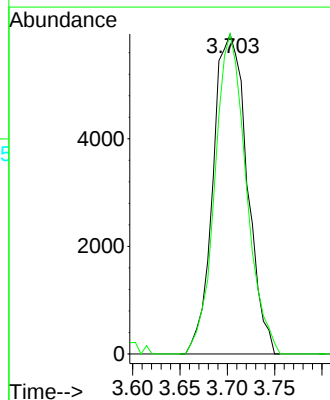
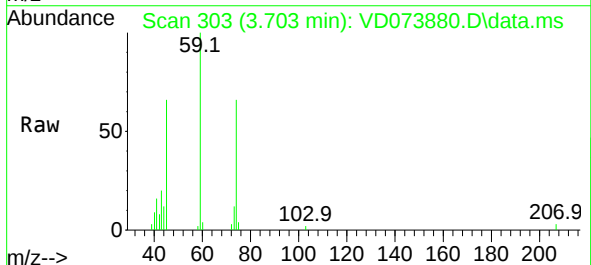
Instrument :
MSVOA_D
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VD0720SBS02

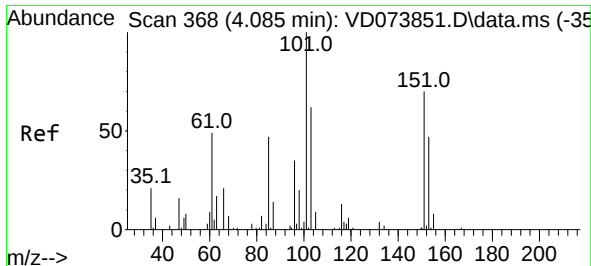
Tgt Ion:101 Resp: 106355
Ion Ratio Lower Upper
101 100
103 62.3 50.1 75.1



#8
Diethyl Ether
Concen: 21.540 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 74 Resp: 14853
Ion Ratio Lower Upper
74 100
45 92.4 52.6 157.8

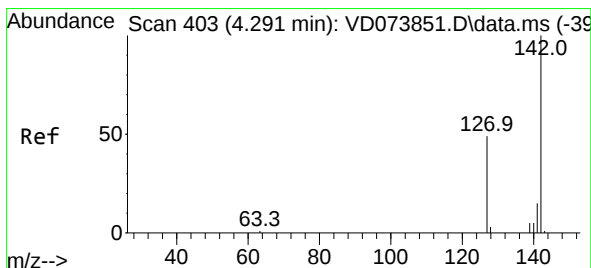
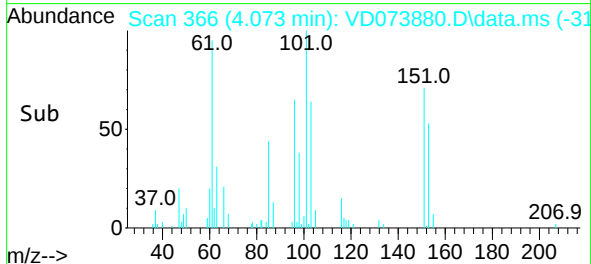
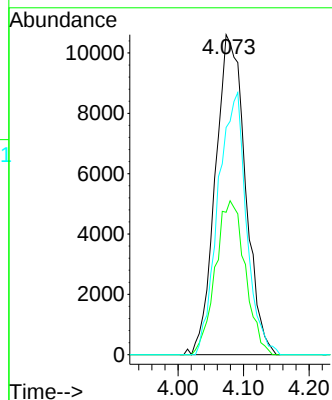
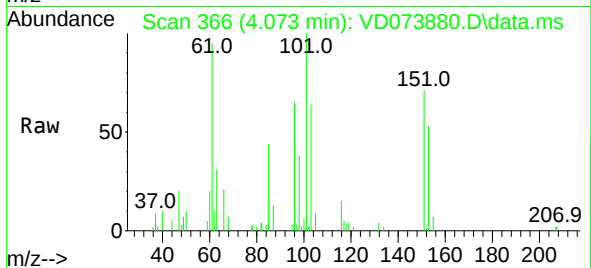




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.578 ug/l
RT: 4.073 min Scan# 30
Delta R.T. -0.012 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

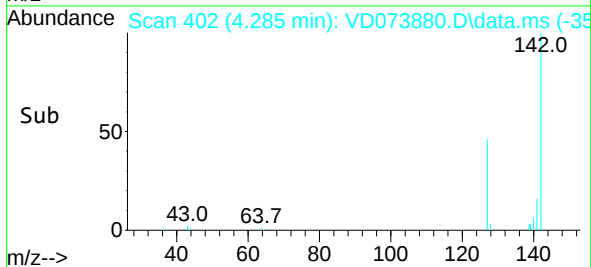
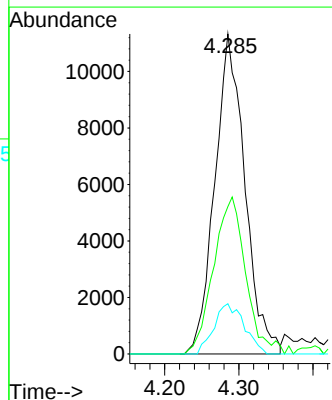
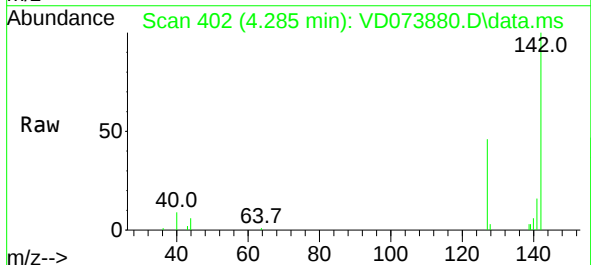
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

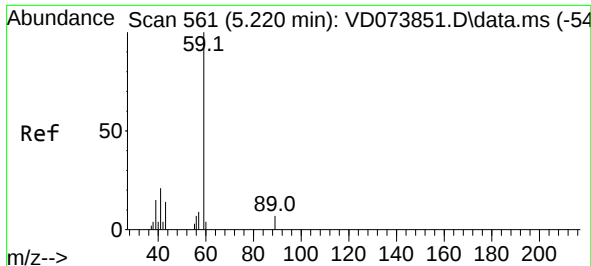
Tgt Ion:101	Resp:	33658
Ion	Ratio	Lower Upper
101	100	
85	47.7	36.4 54.6
151	77.5	57.3 85.9



#10
Methyl Iodide
Concen: 20.741 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.006 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion:142	Resp:	31869
Ion	Ratio	Lower Upper
142	100	
127	52.5	37.3 55.9
141	15.8	11.7 17.5

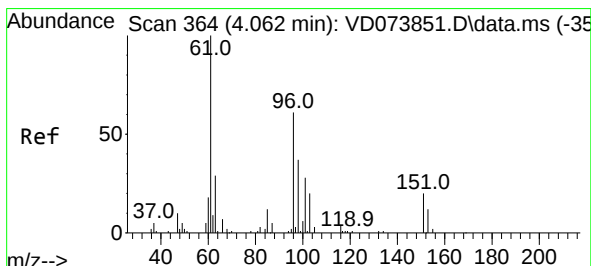
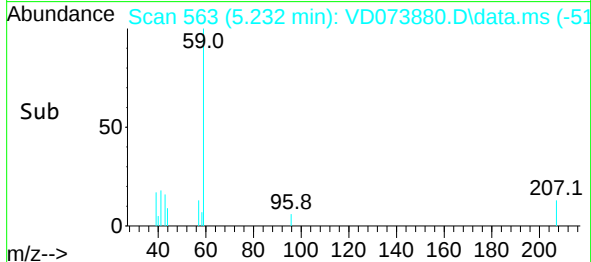
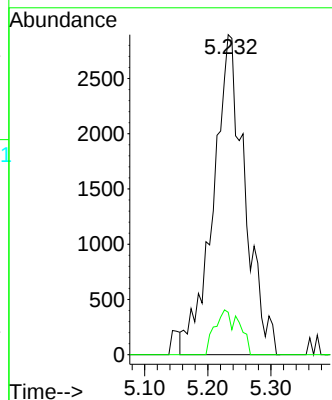
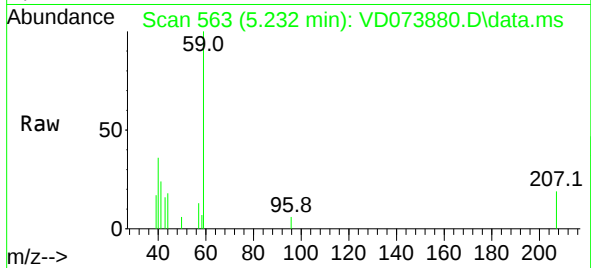




#11
Tert butyl alcohol
Concen: 90.393 ug/l
RT: 5.232 min Scan# 501
Delta R.T. 0.012 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

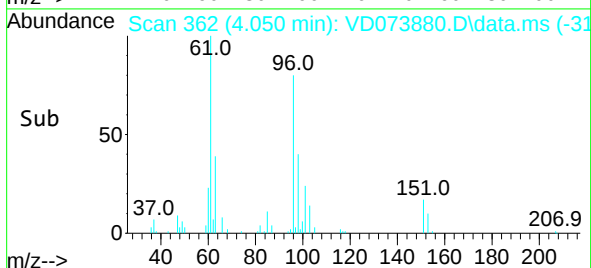
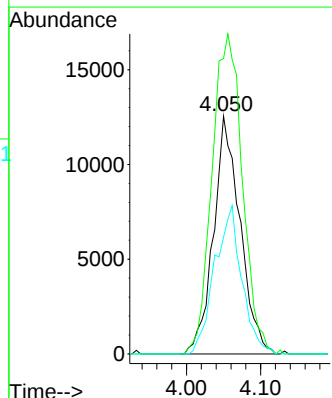
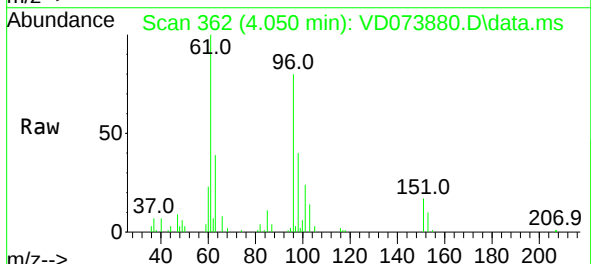
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

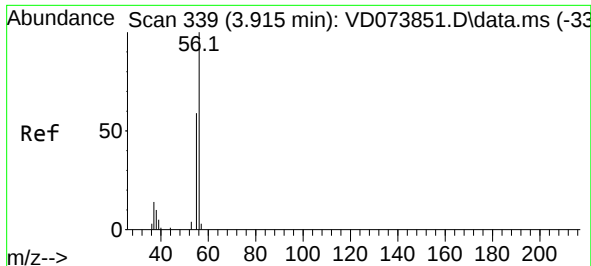
Tgt Ion: 59 Resp: 10066
Ion Ratio Lower Upper
59 100
57 10.8 7.8 11.6



#12
1,1-Dichloroethene
Concen: 22.557 ug/l
RT: 4.050 min Scan# 362
Delta R.T. -0.012 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 96 Resp: 31265
Ion Ratio Lower Upper
96 100
61 124.3 138.5 207.7#
98 49.1 48.6 73.0





#13

Acrolein

Concen: 105.156 ug/l

RT: 3.920 min Scan# 34

Delta R.T. 0.006 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

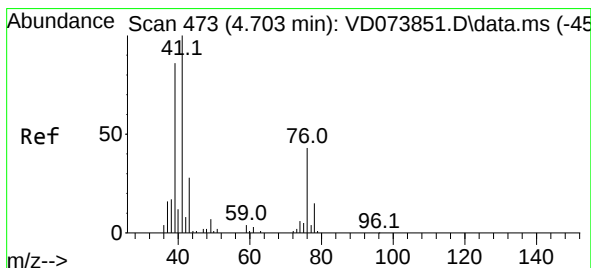
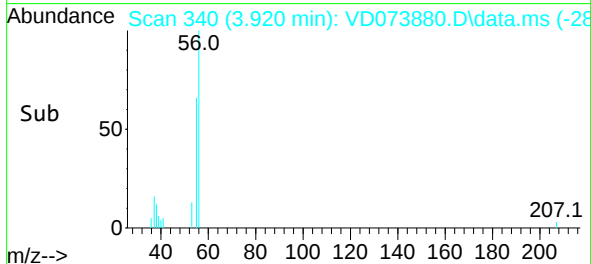
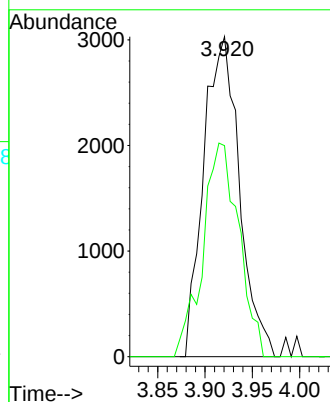
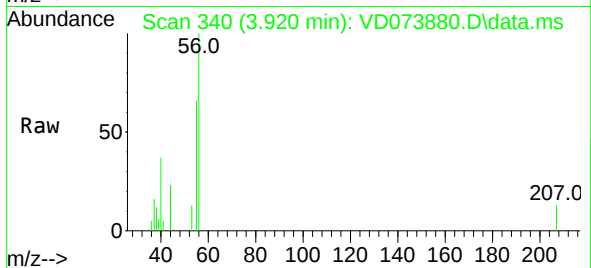
VD0720SBS02

Tgt Ion: 56 Resp: 7950

Ion Ratio Lower Upper

56 100

55 67.0 57.1 85.7



#14

Allyl chloride

Concen: 20.372 ug/l

RT: 4.697 min Scan# 472

Delta R.T. -0.006 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

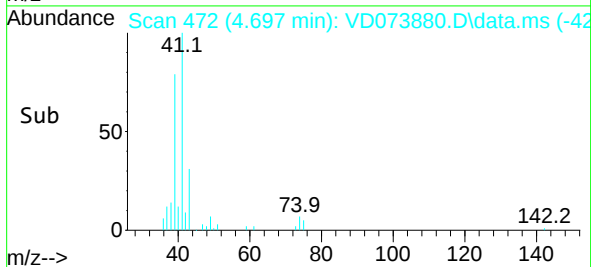
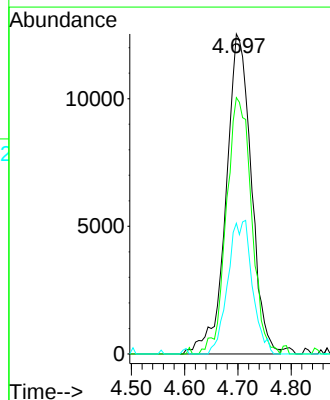
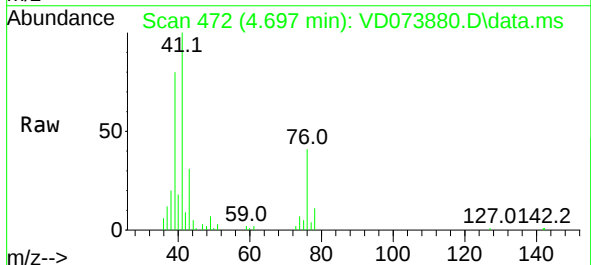
Tgt Ion: 41 Resp: 41216

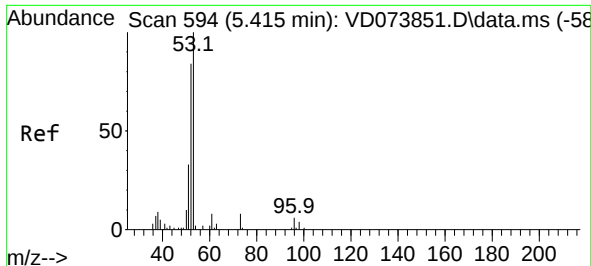
Ion Ratio Lower Upper

41 100

39 79.8 59.3 88.9

76 40.5 25.7 38.5#

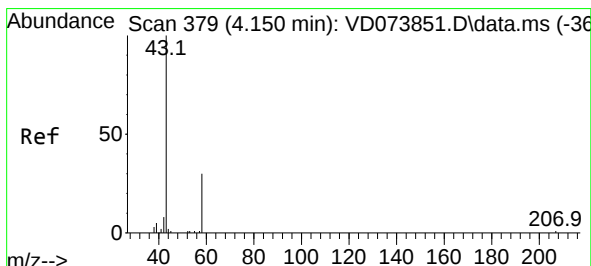
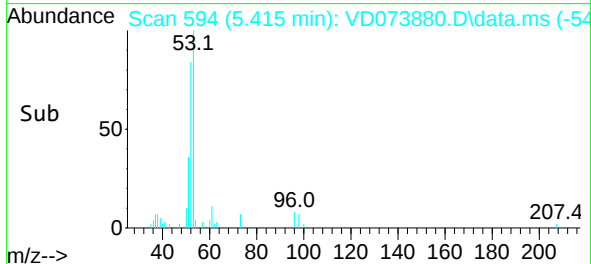
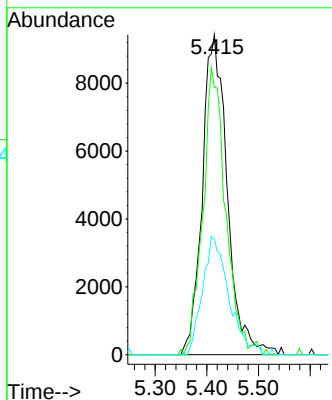
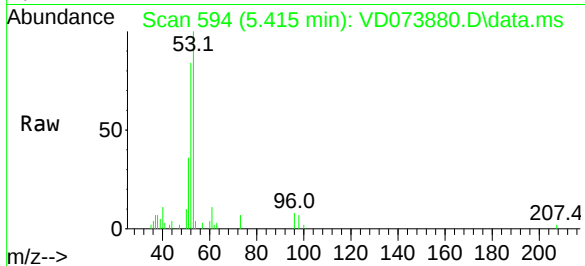




#15
Acrylonitrile
Concen: 112.171 ug/l
RT: 5.415 min Scan# 594
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

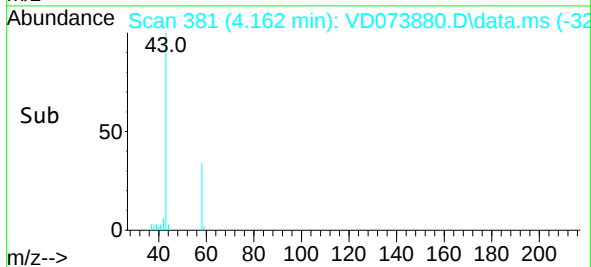
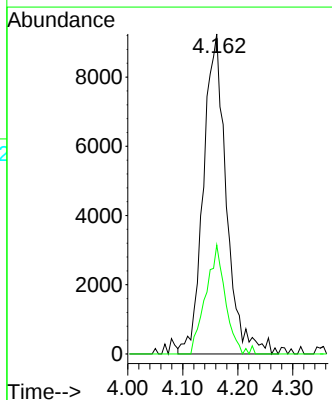
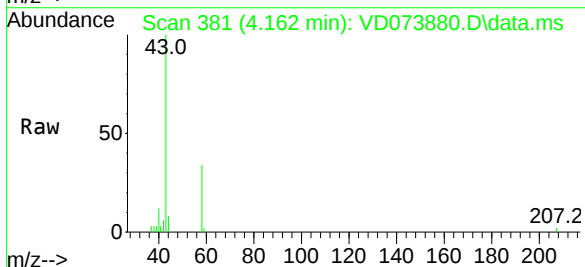
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

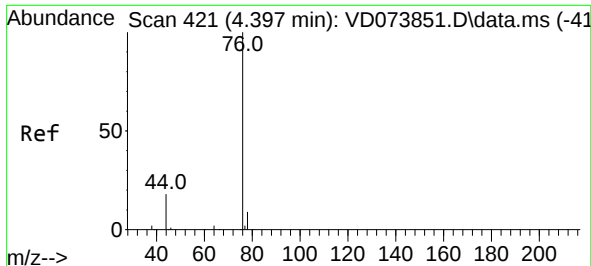
Tgt Ion: 53	Resp:	31569
Ion	Ratio	Lower Upper
53	100	
52	81.4	67.2 100.8
51	38.0	30.3 45.5



#16
Acetone
Concen: 100.609 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 43	Resp:	26888
Ion	Ratio	Lower Upper
43	100	
58	34.0	22.1 33.1#

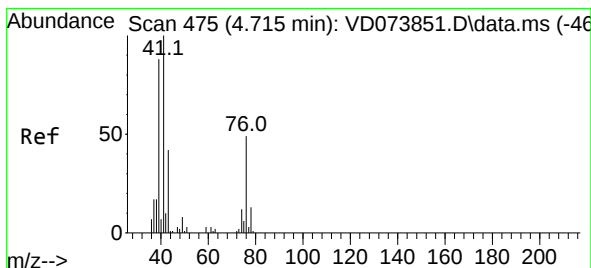
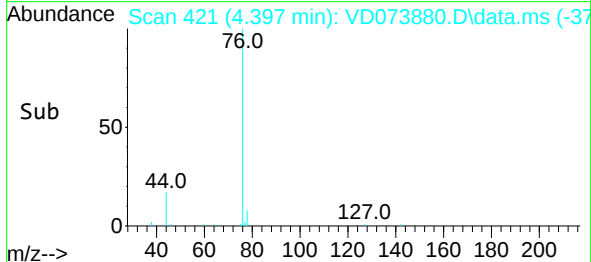
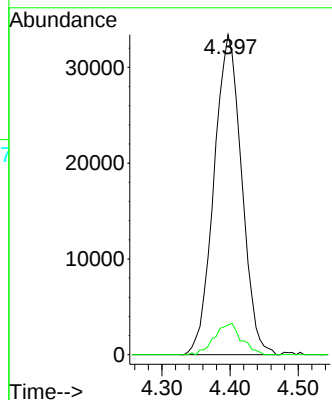
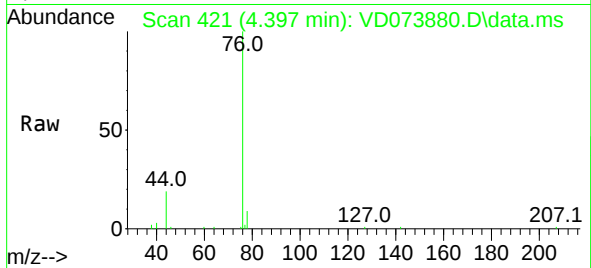




#17
Carbon Disulfide
Concen: 21.329 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

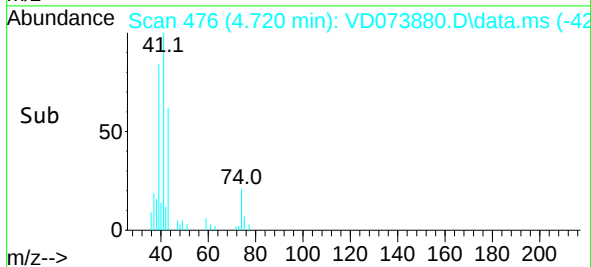
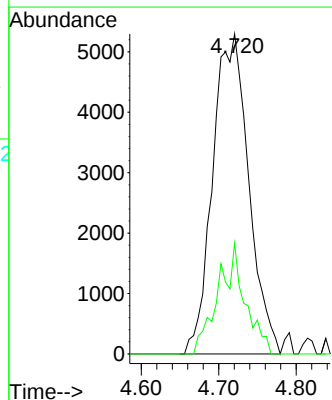
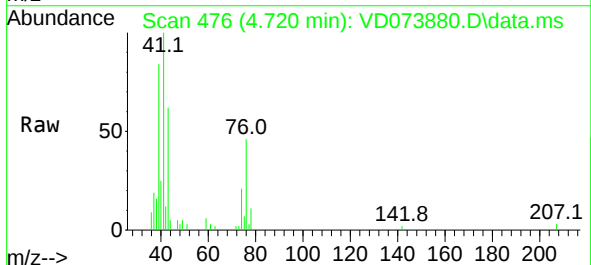
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

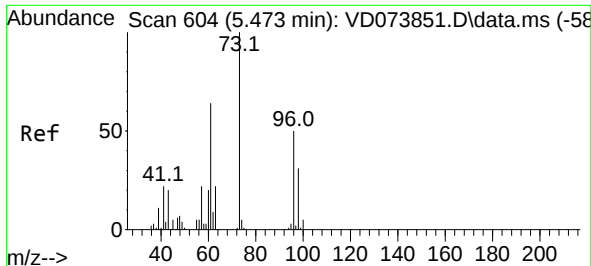
Tgt Ion: 76 Resp: 94466
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 25.493 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 43 Resp: 17088
Ion Ratio Lower Upper
43 100
74 26.0 16.7 25.1#

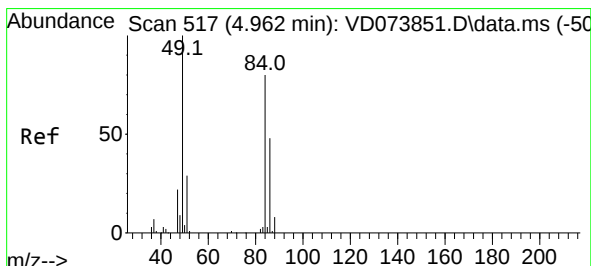
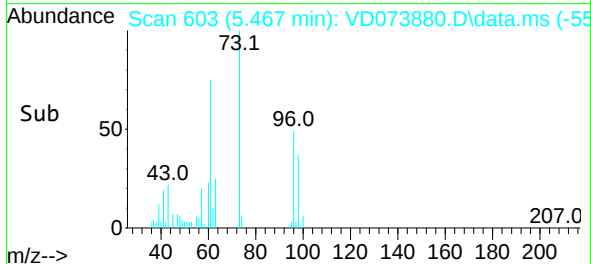
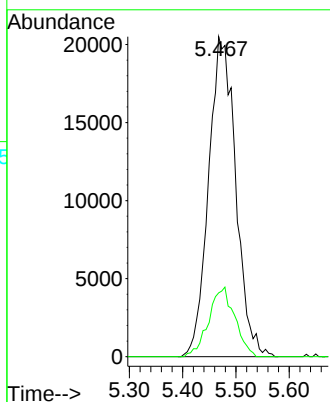
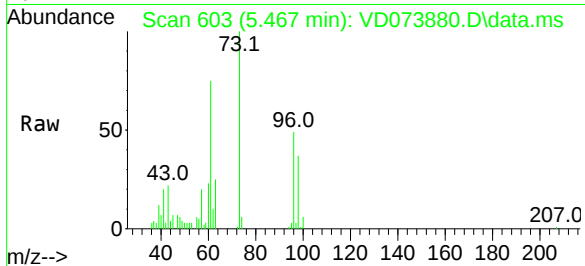




#19
Methyl tert-butyl Ether
Concen: 21.813 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

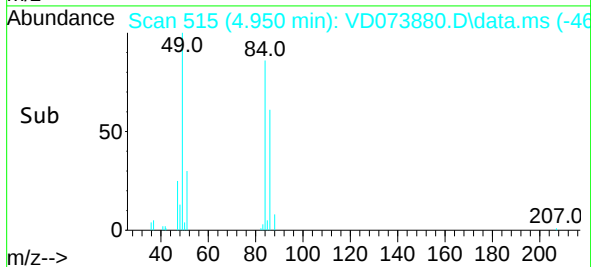
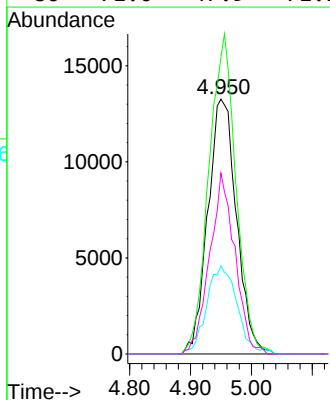
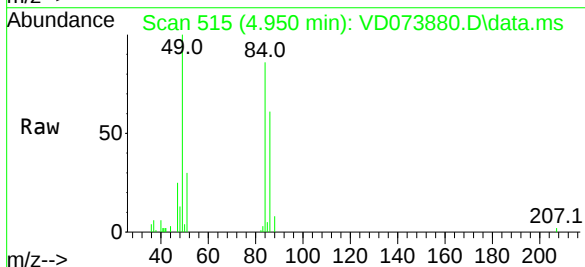
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

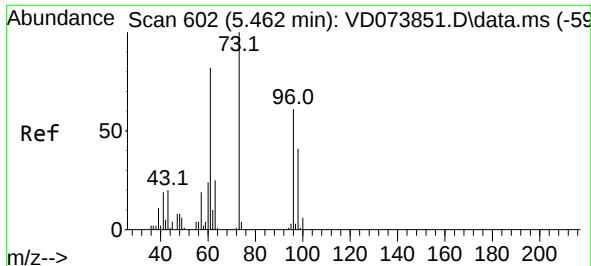
Tgt Ion: 73 Resp: 72421
Ion Ratio Lower Upper
73 100
57 19.9 18.0 27.0



#20
Methylene Chloride
Concen: 14.176 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 84 Resp: 43369
Ion Ratio Lower Upper
84 100
49 116.3 112.8 169.2
51 34.6 32.6 48.8
86 71.0 47.9 71.9

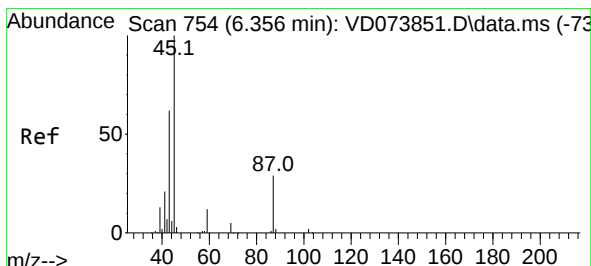
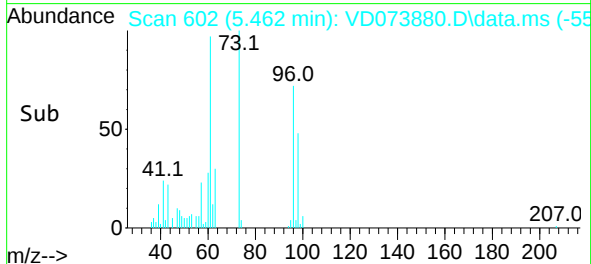
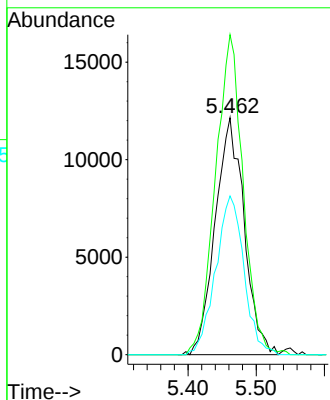
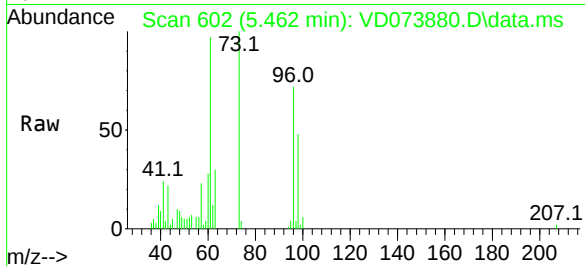




#21
trans-1,2-Dichloroethene
Concen: 21.903 ug/l
RT: 5.462 min Scan# 602
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

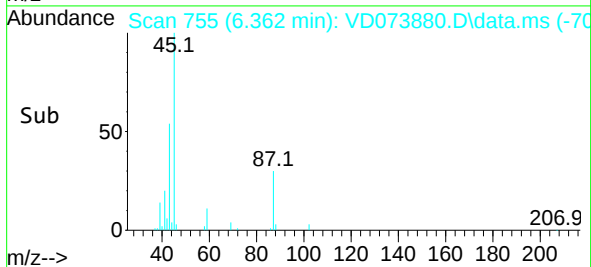
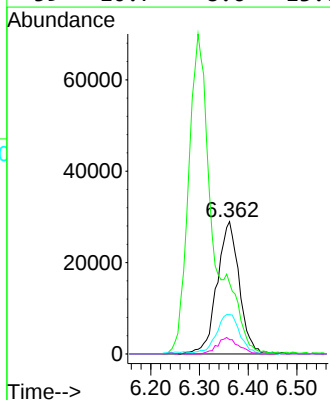
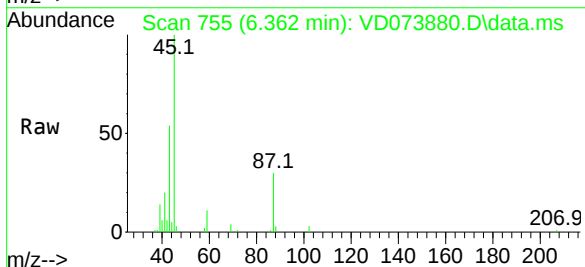
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

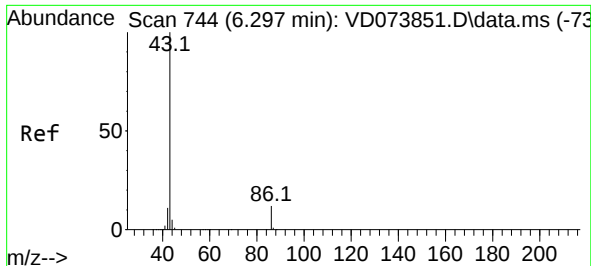
Tgt Ion: 96 Resp: 35890
Ion Ratio Lower Upper
96 100
61 135.0 117.9 176.9
98 66.9 49.4 74.2



#22
Diisopropyl ether
Concen: 21.293 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.006 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 45 Resp: 91674
Ion Ratio Lower Upper
45 100
43 52.1 46.6 70.0
87 29.7 18.4 27.6#
59 10.7 8.6 13.0

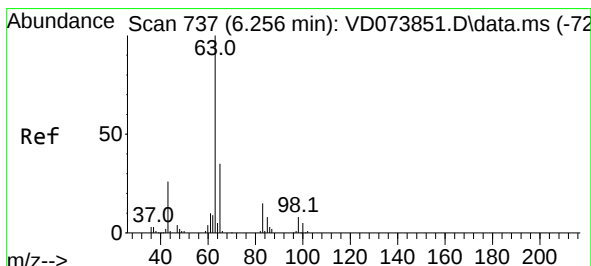
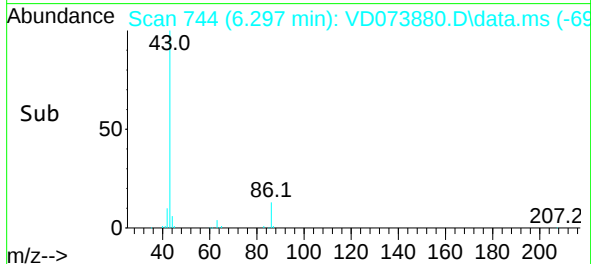
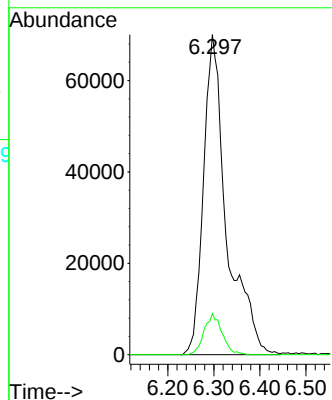
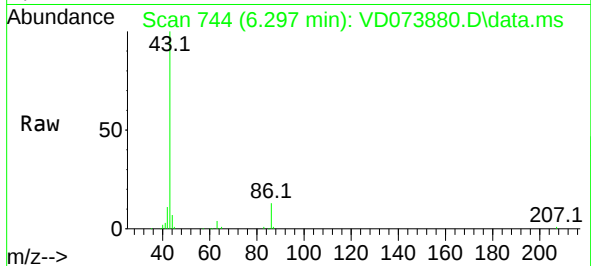




#23
 Vinyl Acetate
 Concen: 104.655 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073880.D
 Acq: 20 Jul 2022 15:31

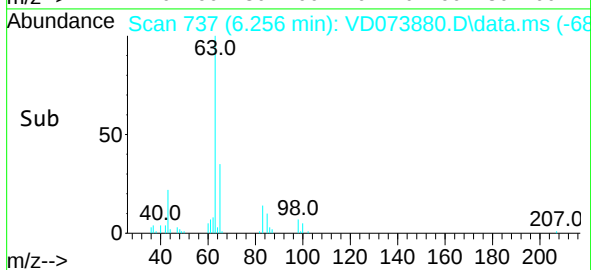
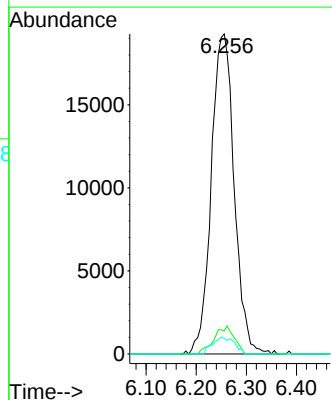
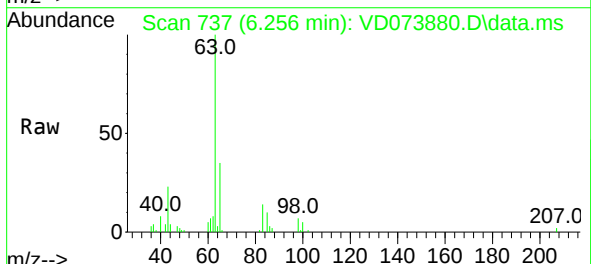
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0720SBS02

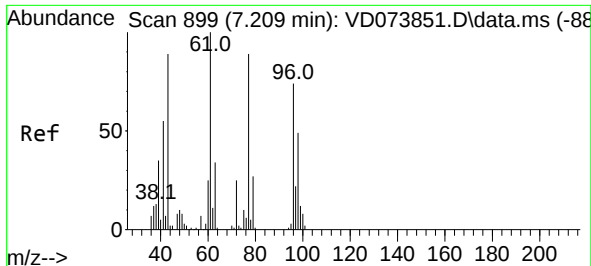
Tgt Ion: 43 Resp: 245939
 Ion Ratio Lower Upper
 43 100
 86 12.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 21.517 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD073880.D
 Acq: 20 Jul 2022 15:31

Tgt Ion: 63 Resp: 61188
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.9 2.1 6.5

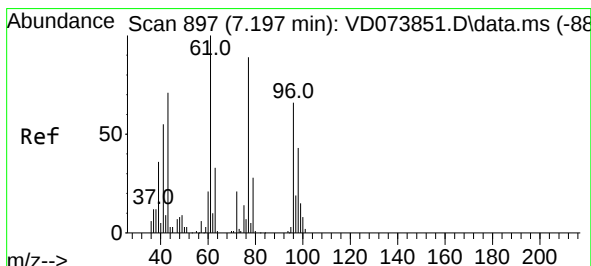
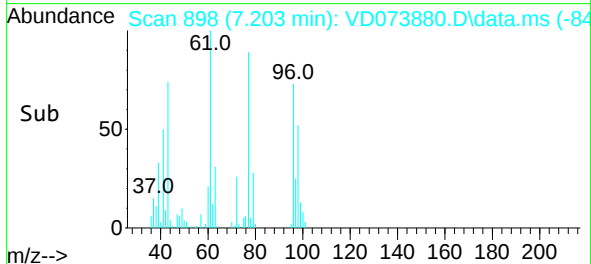
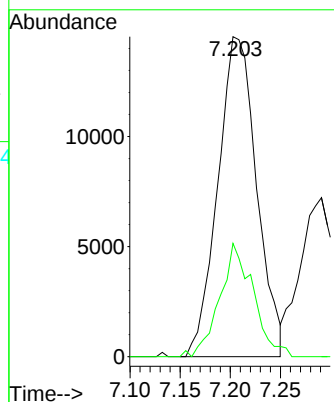
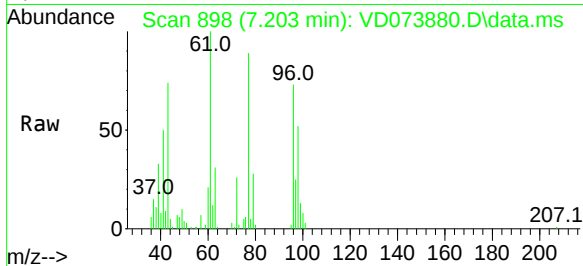




#25
2-Butanone
Concen: 103.183 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

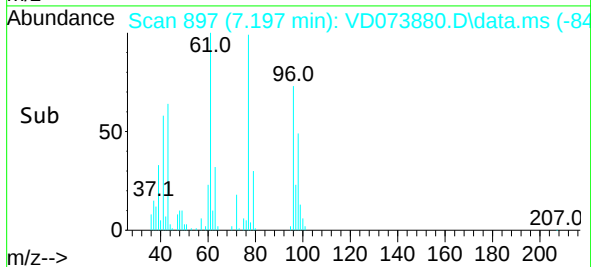
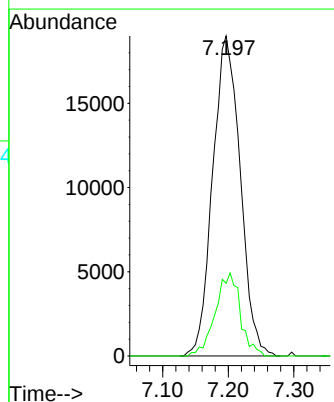
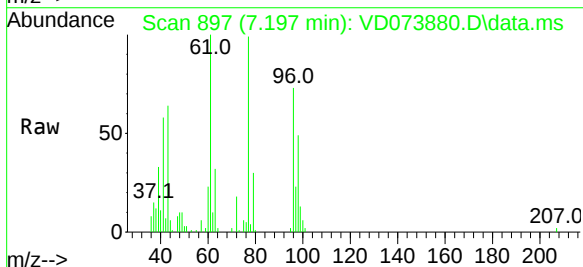
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

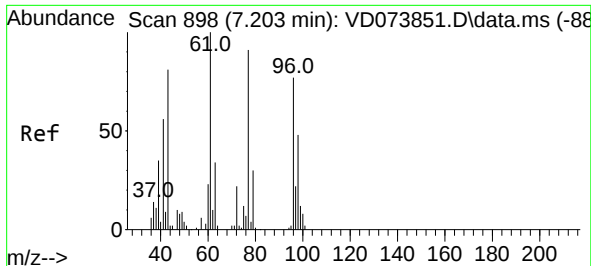
Tgt Ion: 43 Resp: 39140
Ion Ratio Lower Upper
43 100
72 35.4 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 21.910 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 77 Resp: 55328
Ion Ratio Lower Upper
77 100
97 23.6 10.8 32.4

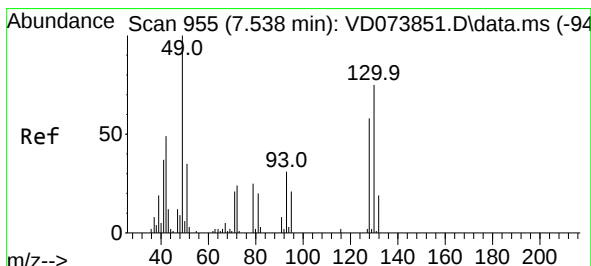
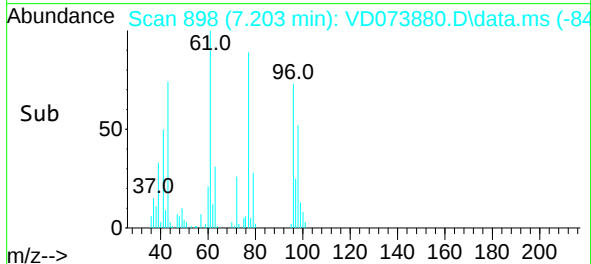
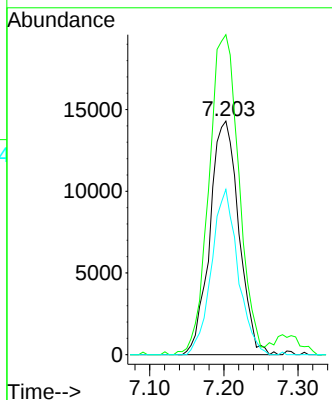
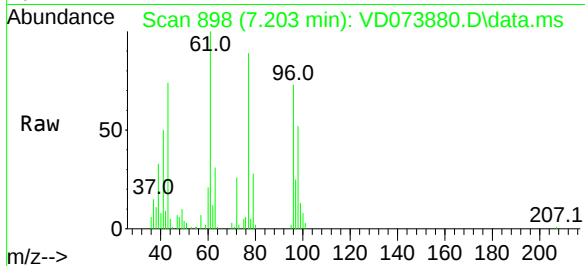




#27
 cis-1,2-Dichloroethene
 Concen: 21.011 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. -0.000 min
 Lab File: VD073880.D
 Acq: 20 Jul 2022 15:31

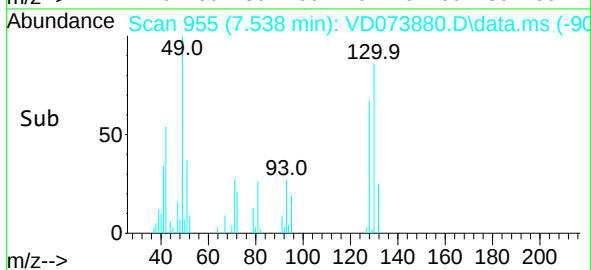
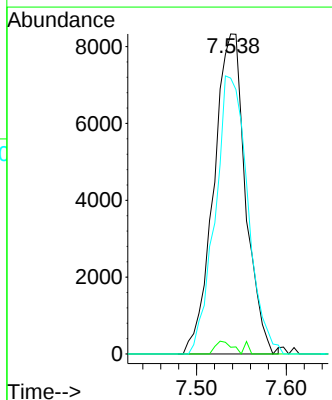
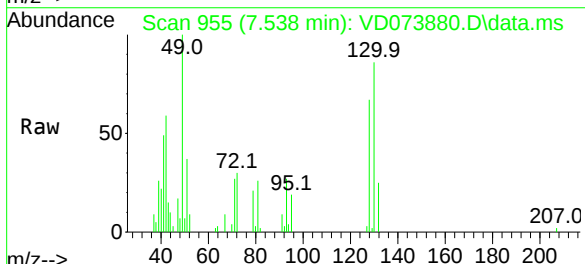
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0720SBS02

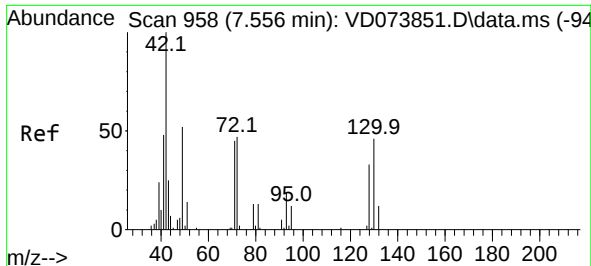
Tgt Ion: 96 Resp: 38759
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 313.8
 98 64.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 19.198 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.000 min
 Lab File: VD073880.D
 Acq: 20 Jul 2022 15:31

Tgt Ion: 49 Resp: 20483
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 89.1 52.6 79.0#





#29

Tetrahydrofuran

Concen: 118.325 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02

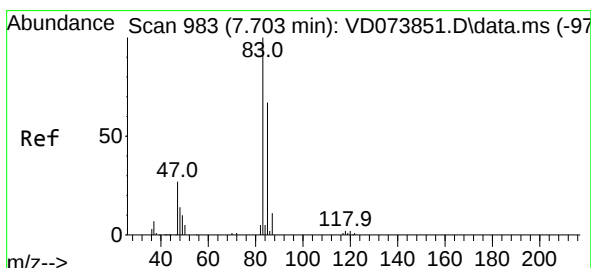
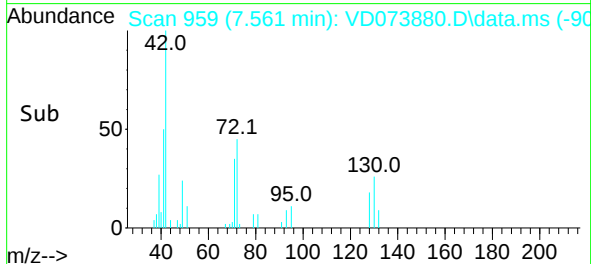
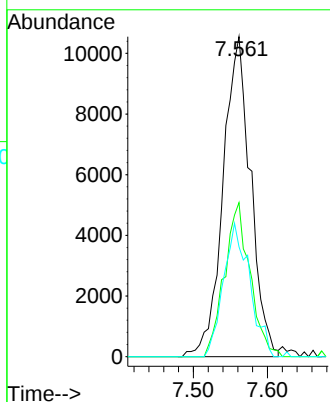
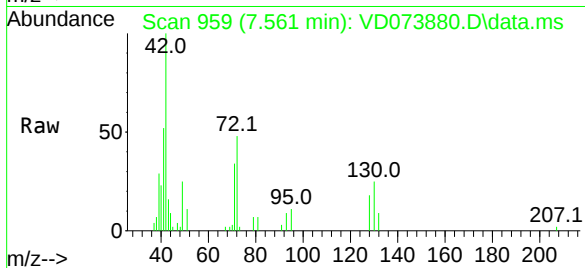
Tgt Ion: 42 Resp: 27216

Ion Ratio Lower Upper

42 100

72 44.6 30.7 46.1

71 39.8 28.6 43.0



#30

Chloroform

Concen: 21.352 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.000 min

Lab File: VD073880.D

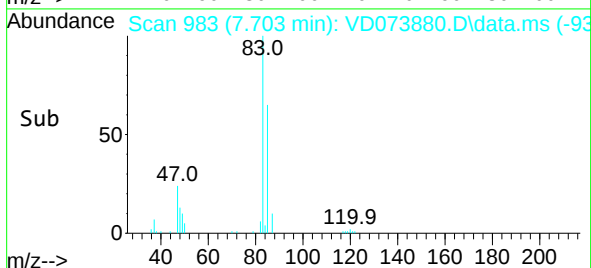
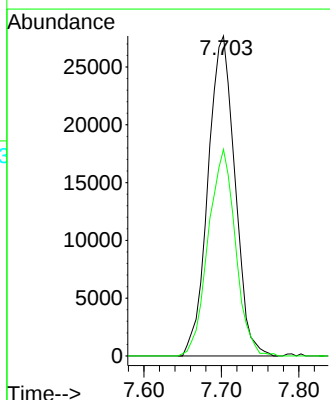
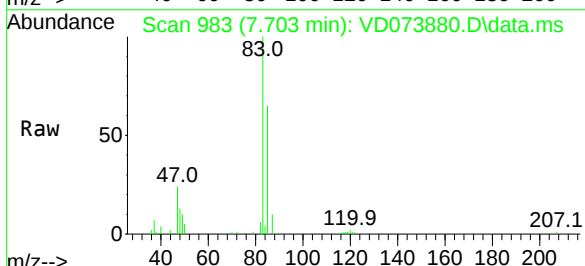
Acq: 20 Jul 2022 15:31

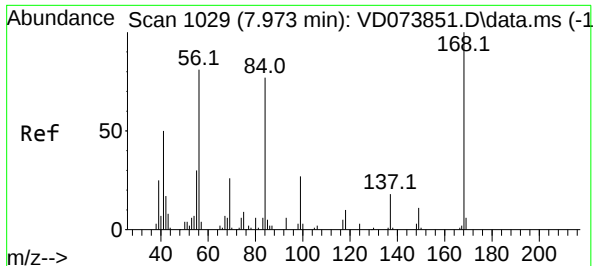
Tgt Ion: 83 Resp: 66833

Ion Ratio Lower Upper

83 100

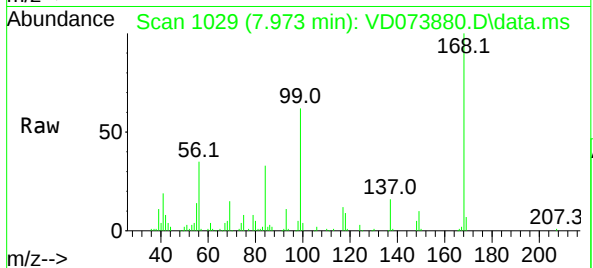
85 64.5 52.7 79.1



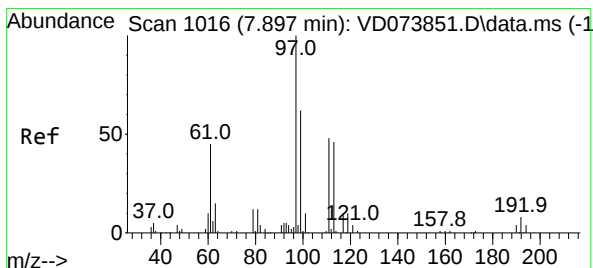
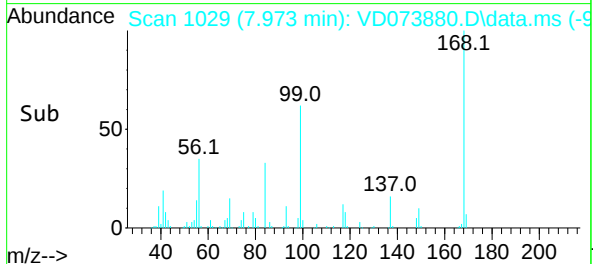
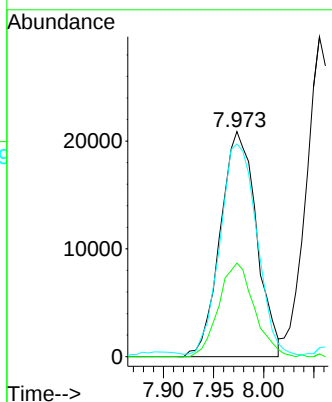


#31
Cyclohexane
Concen: 20.244 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

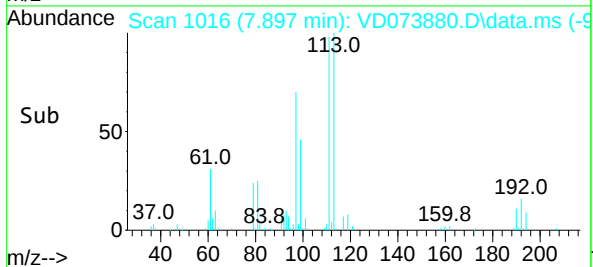
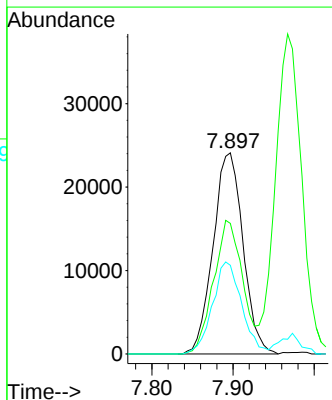
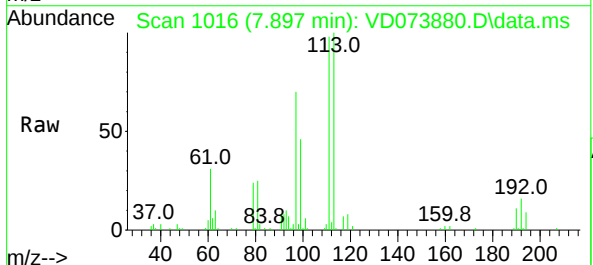


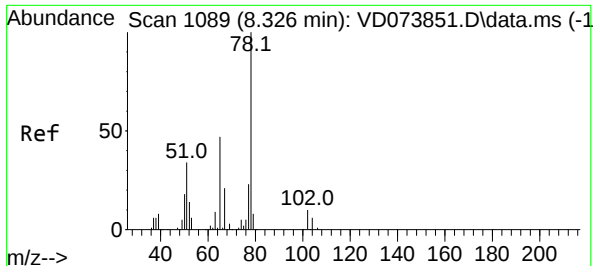
Tgt Ion: 56 Resp: 52390
Ion Ratio Lower Upper
56 100
69 41.6 25.4 38.2#
84 93.0 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 21.186 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 97 Resp: 61695
Ion Ratio Lower Upper
97 100
99 63.9 52.4 78.6
61 44.7 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 53.008 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

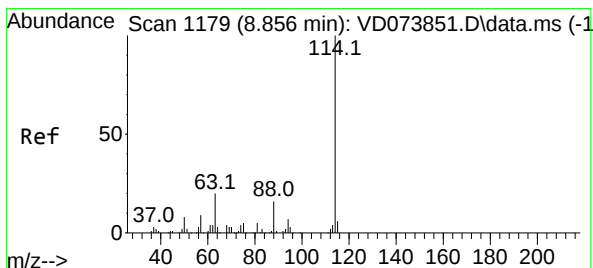
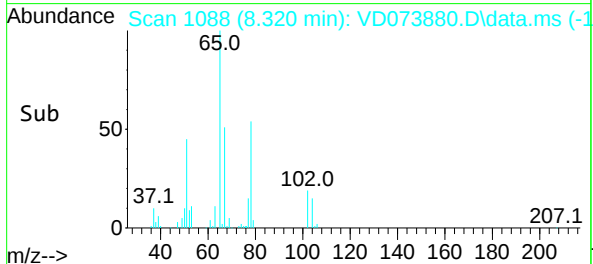
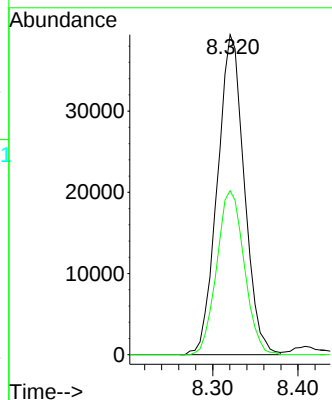
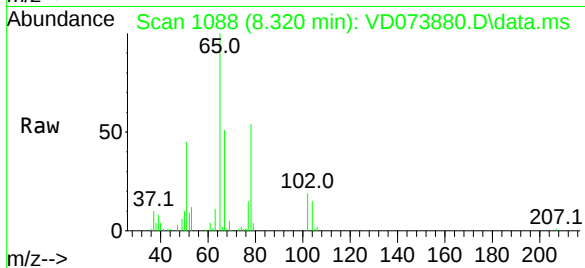
VD0720SBS02

Tgt Ion: 65 Resp: 86335

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

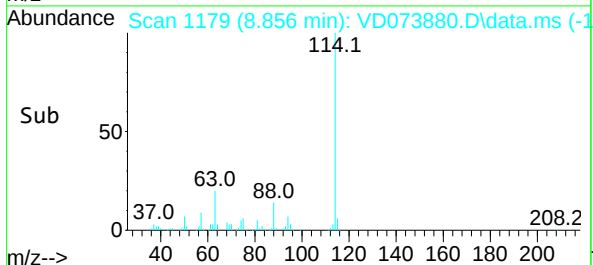
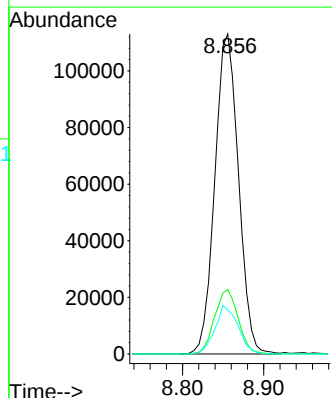
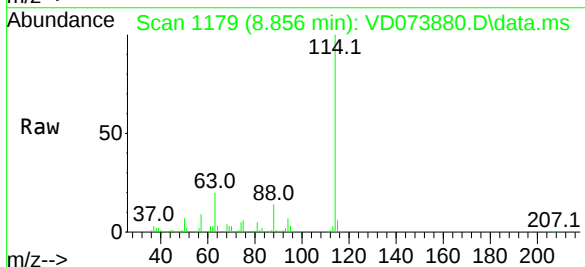
Tgt Ion: 114 Resp: 228811

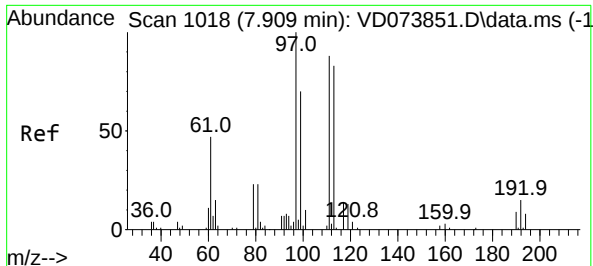
Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 13.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 55.816 ug/l

RT: 7.903 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02

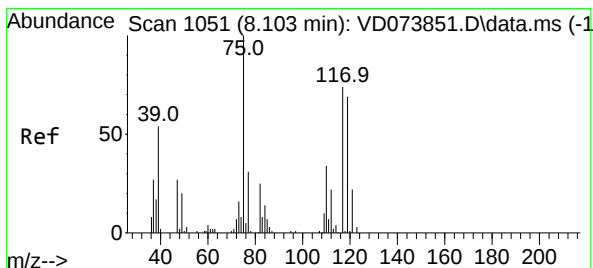
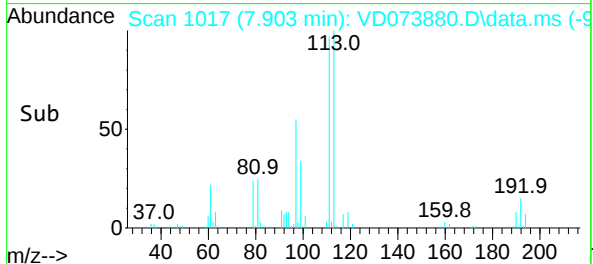
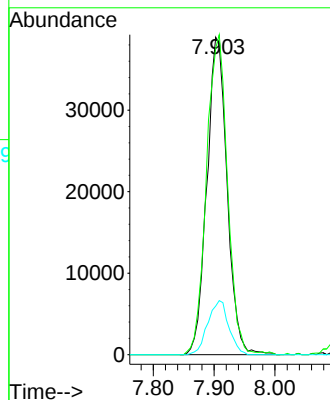
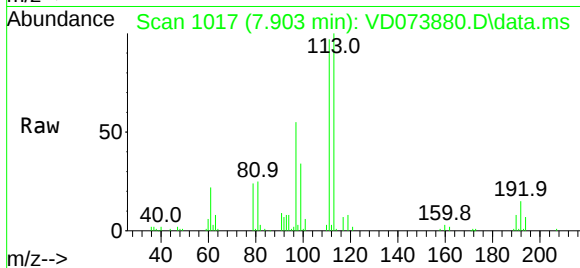
Tgt Ion:113 Resp: 90099

Ion Ratio Lower Upper

113 100

111 104.3 83.8 125.6

192 17.6 14.6 21.8



#36

1,1-Dichloropropene

Concen: 21.544 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.000 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

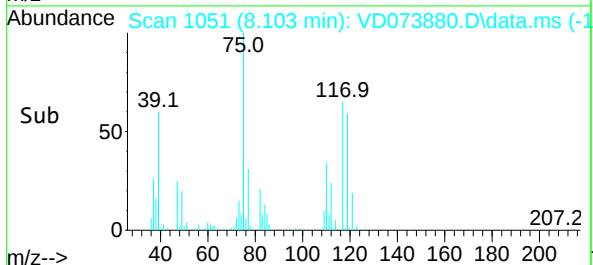
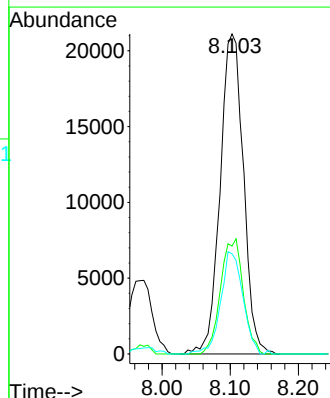
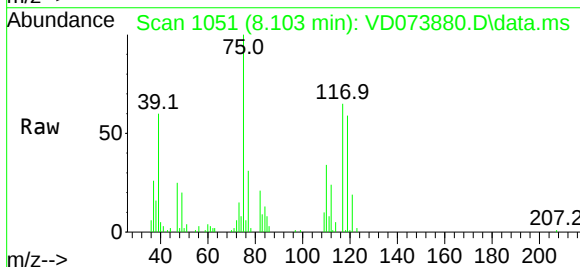
Tgt Ion: 75 Resp: 50169

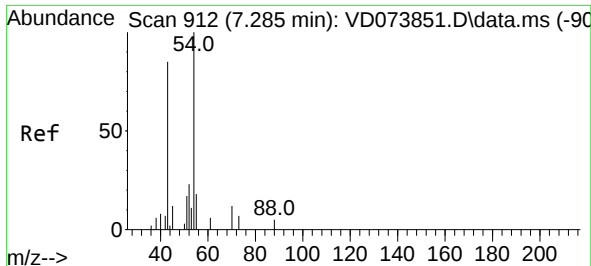
Ion Ratio Lower Upper

75 100

110 35.1 16.4 49.1

77 30.4 24.2 36.2





#37

Ethyl Acetate

Concen: 22.255 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02

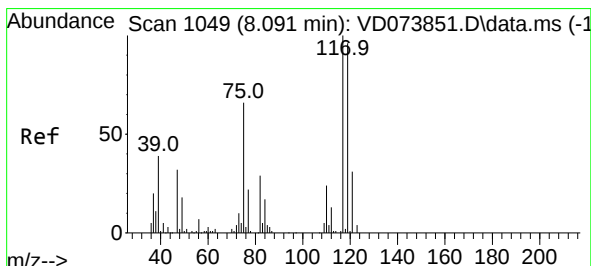
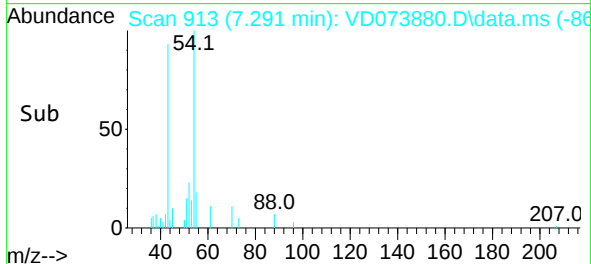
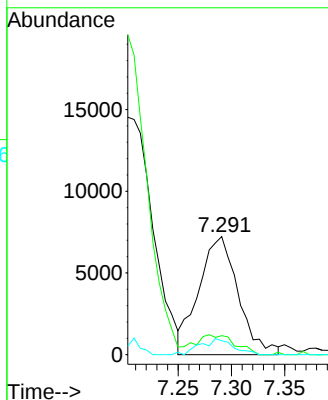
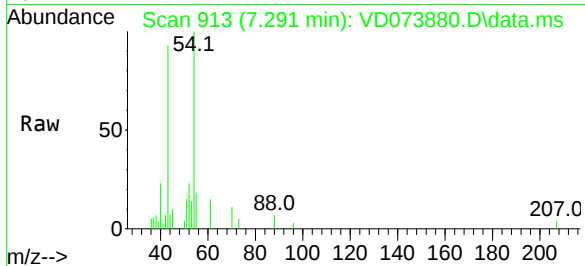
Tgt Ion: 43 Resp: 18635

Ion Ratio Lower Upper

43 100

61 16.5 9.8 14.8#

70 11.3 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 20.058 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. -0.006 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

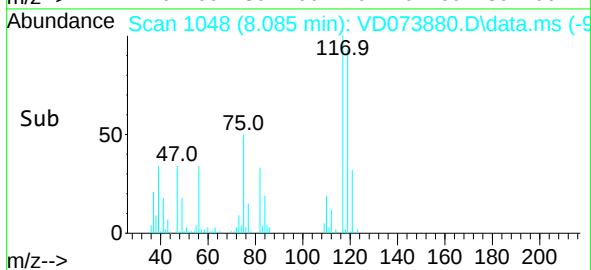
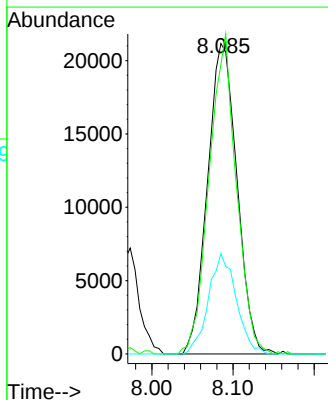
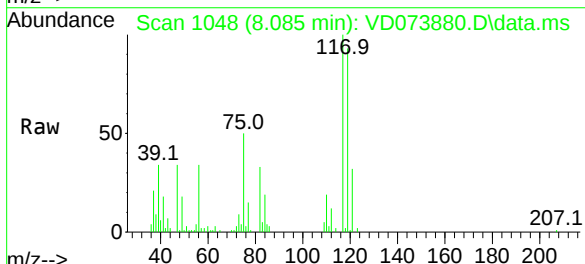
Tgt Ion: 117 Resp: 53344

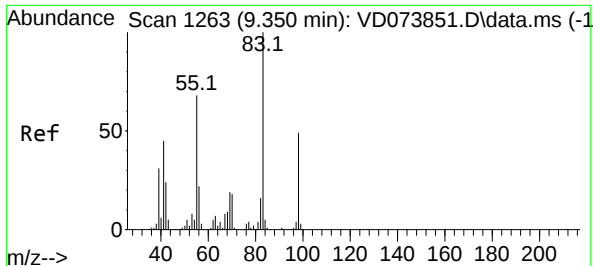
Ion Ratio Lower Upper

117 100

119 93.3 75.8 113.6

121 32.3 24.5 36.7





#39

Methylcyclohexane

Concen: 21.569 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02

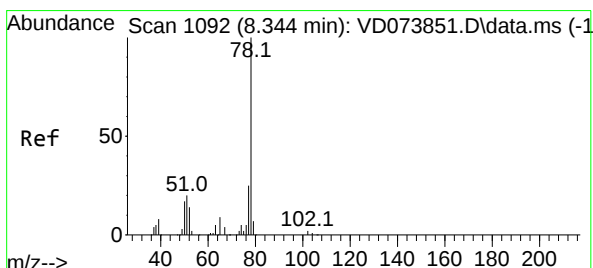
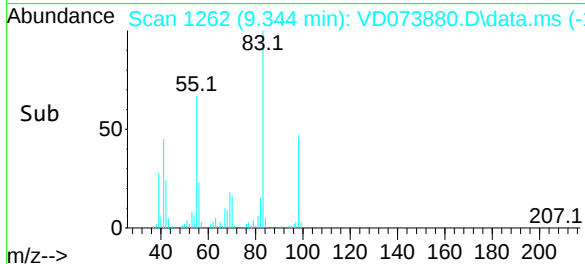
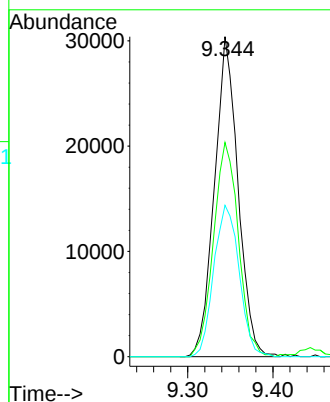
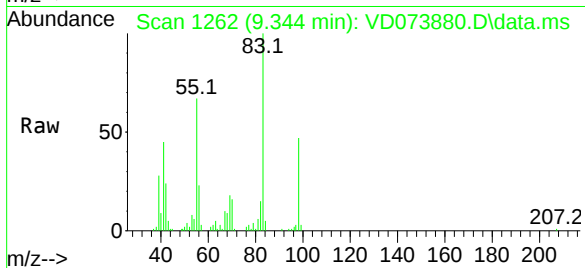
Tgt Ion: 83 Resp: 58550

Ion Ratio Lower Upper

83 100

55 67.0 63.2 94.8

98 47.3 38.2 57.4



#40

Benzene

Concen: 21.378 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073880.D

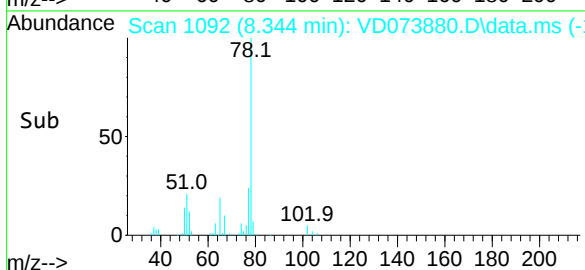
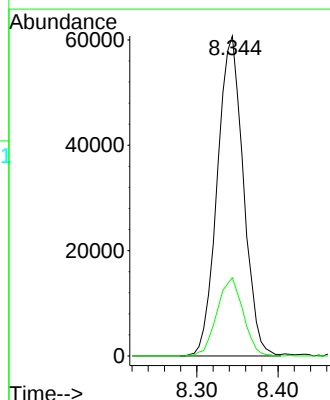
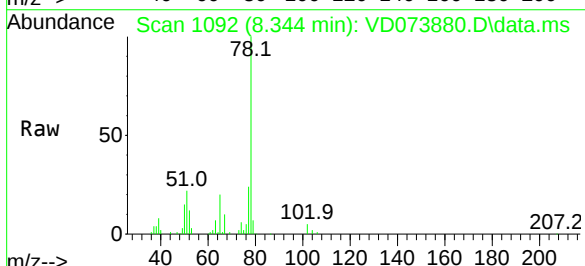
Acq: 20 Jul 2022 15:31

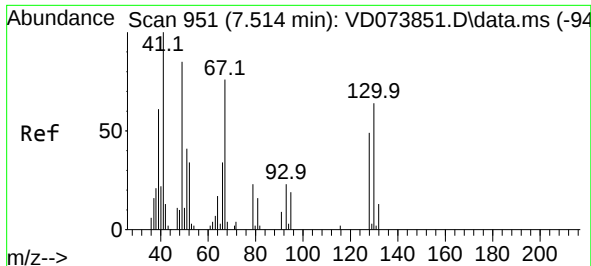
Tgt Ion: 78 Resp: 135444

Ion Ratio Lower Upper

78 100

77 24.5 19.1 28.7

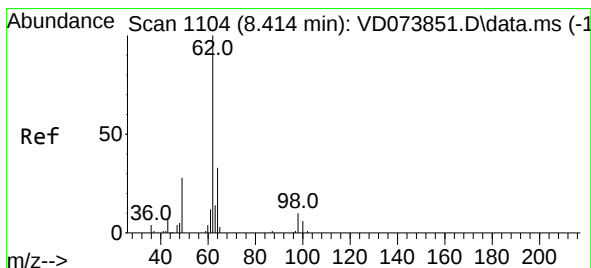
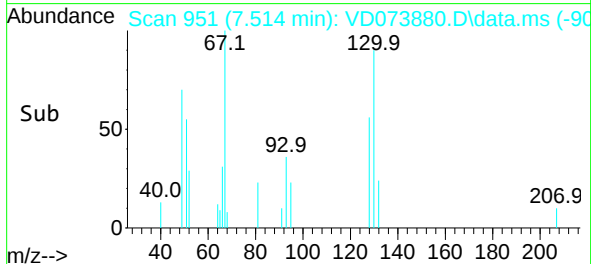
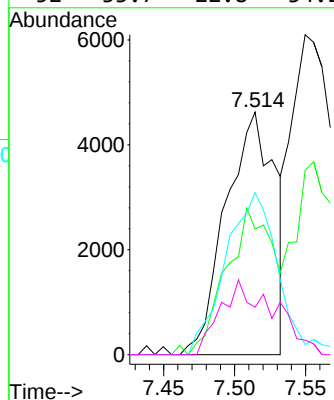
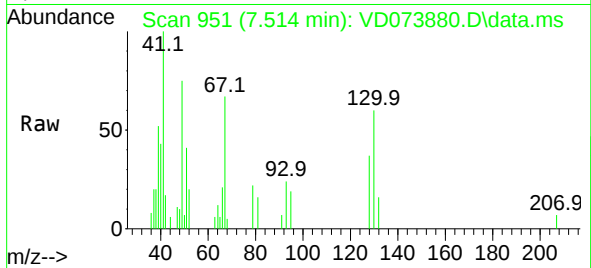




#41
Methacrylonitrile
Concen: 21.370 ug/l
RT: 7.514 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

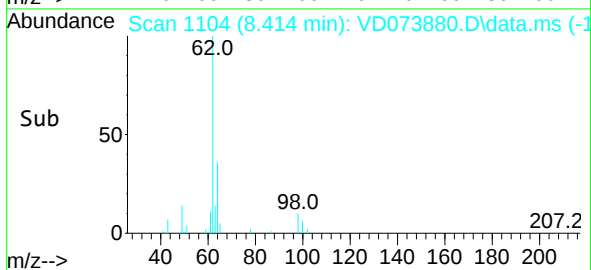
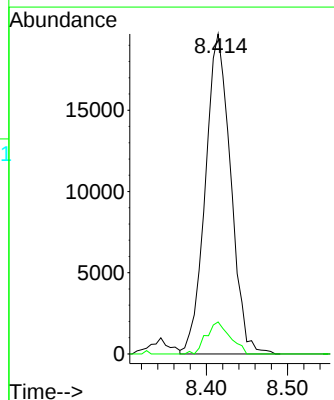
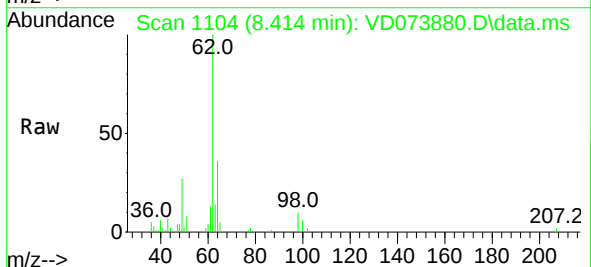
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

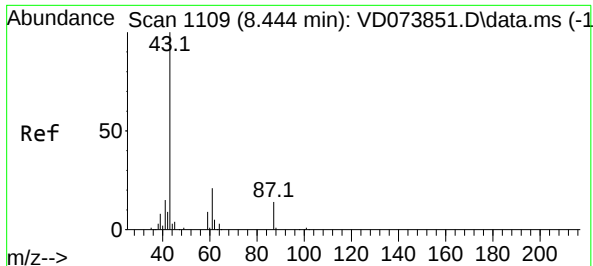
Tgt Ion:	41	Resp:	11120
Ion	Ratio	Lower	Upper
41	100		
39	57.9	44.6	67.0
67	71.4	48.2	72.4
52	33.7	22.8	34.2



#42
1,2-Dichloroethane
Concen: 21.985 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion:	62	Resp:	42631
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.6

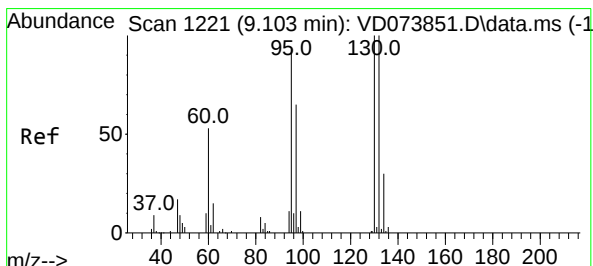
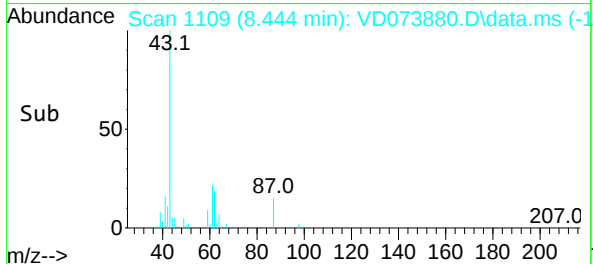
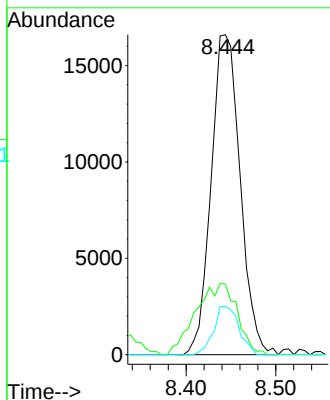
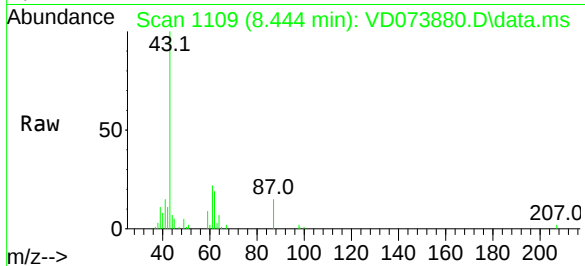




#43
Isopropyl Acetate
Concen: 22.302 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

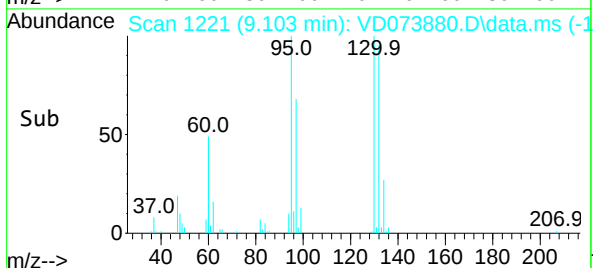
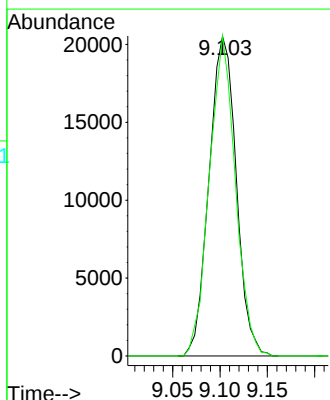
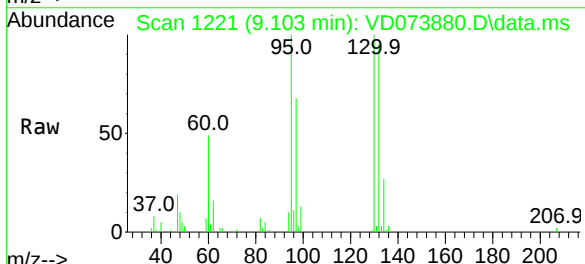
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

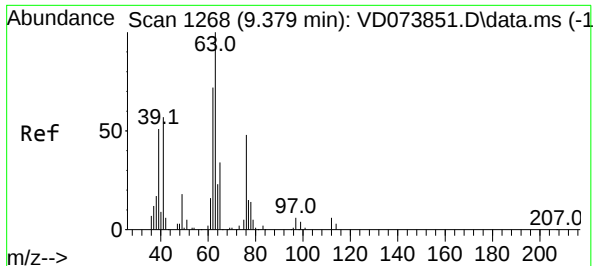
Tgt Ion: 43 Resp: 37320
Ion Ratio Lower Upper
43 100
61 31.7 22.4 33.6
87 13.1 8.7 13.1#



#44
Trichloroethene
Concen: 23.142 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion:130 Resp: 40920
Ion Ratio Lower Upper
130 100
95 100.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 20.924 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

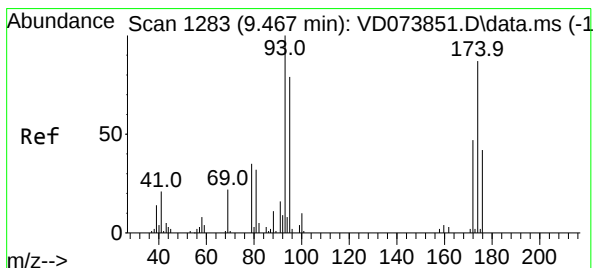
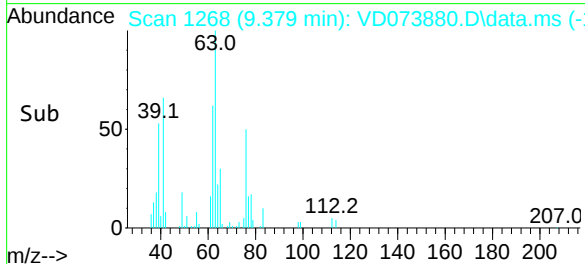
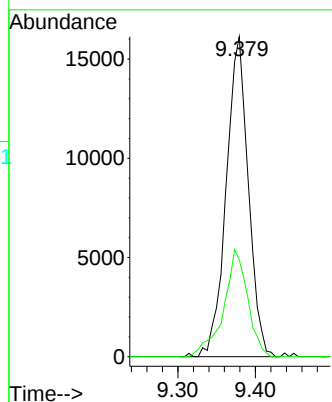
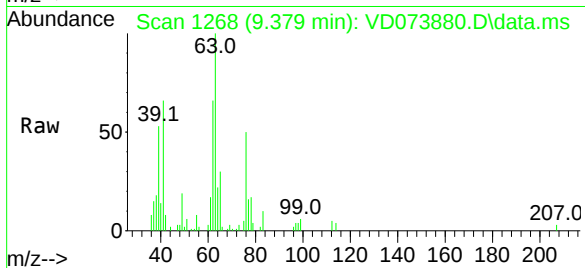
VD0720SBS02

Tgt Ion: 63 Resp: 32043

Ion Ratio Lower Upper

63 100

65 30.4 26.2 39.4



#46

Dibromomethane

Concen: 22.717 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

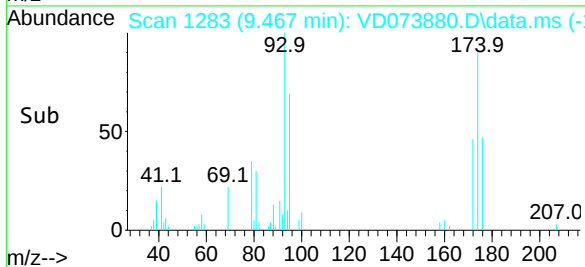
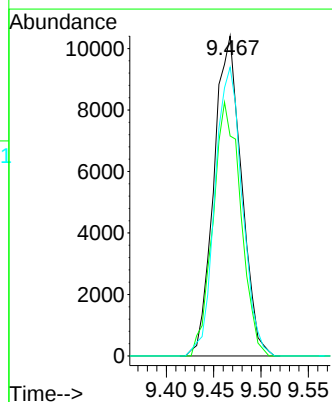
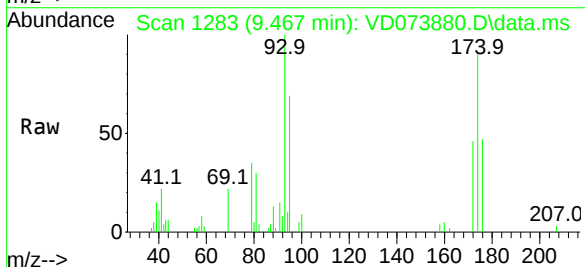
Tgt Ion: 93 Resp: 21102

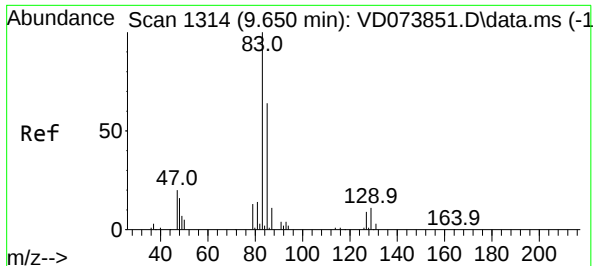
Ion Ratio Lower Upper

93 100

95 79.5 66.7 100.1

174 89.1 71.6 107.4

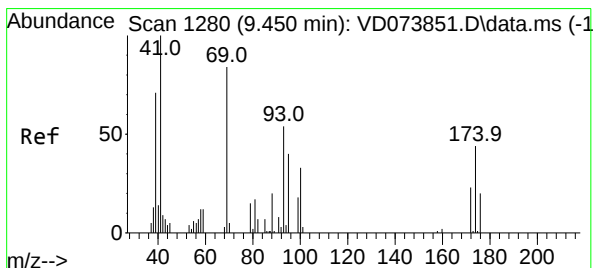
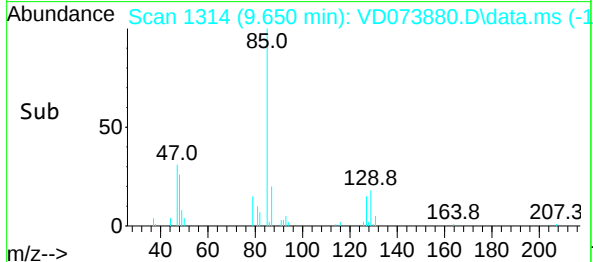
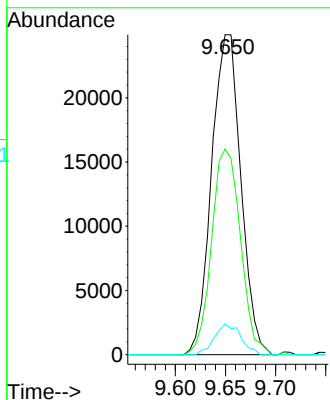
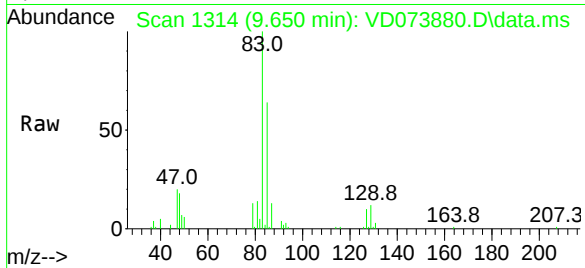




#47
Bromodichloromethane
Concen: 21.042 ug/l
RT: 9.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

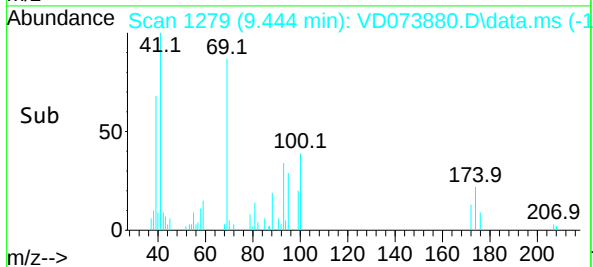
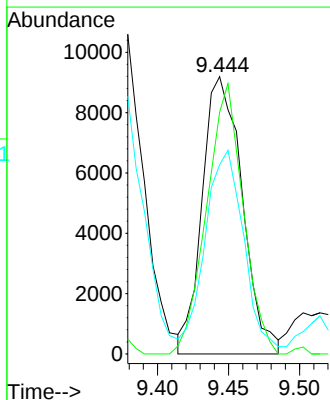
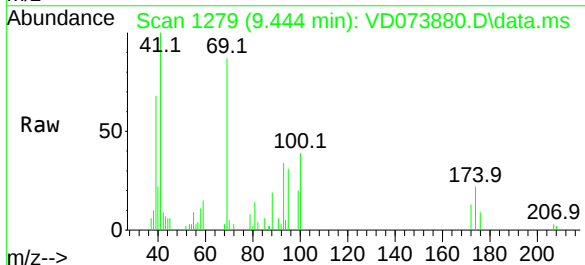
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

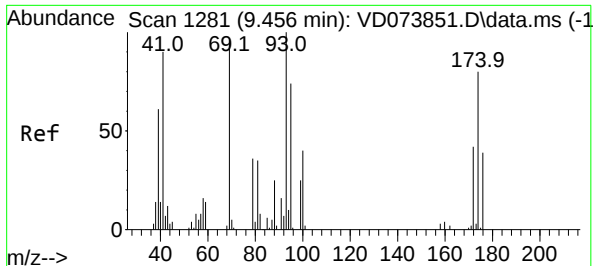
Tgt Ion: 83 Resp: 50606
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.0
127 9.7 6.1 9.1#



#48
Methyl methacrylate
Concen: 21.906 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.006 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 41 Resp: 17972
Ion Ratio Lower Upper
41 100
69 89.1 56.7 85.1#
39 65.8 42.7 64.1#





#49

1,4-Dioxane

Concen: 485.122 ug/l

RT: 9.455 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02

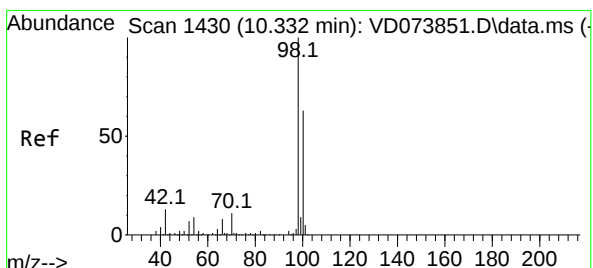
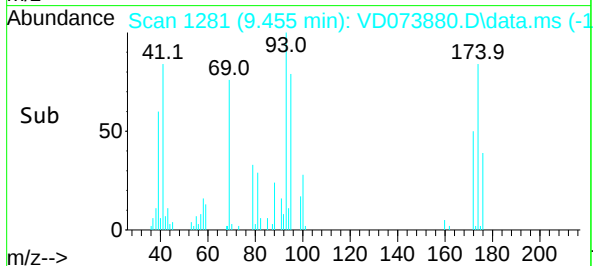
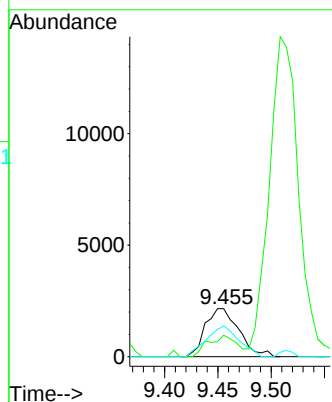
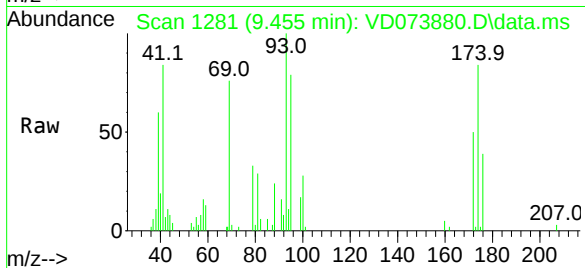
Tgt Ion: 88 Resp: 4715

Ion Ratio Lower Upper

88 100

43 37.4 31.0 46.4

58 62.0 58.1 87.1



#50

Toluene-d8

Concen: 54.530 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073880.D

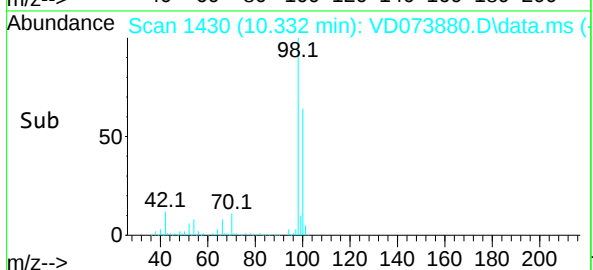
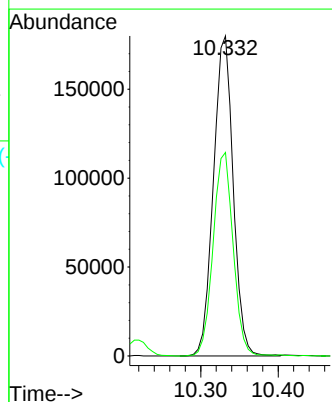
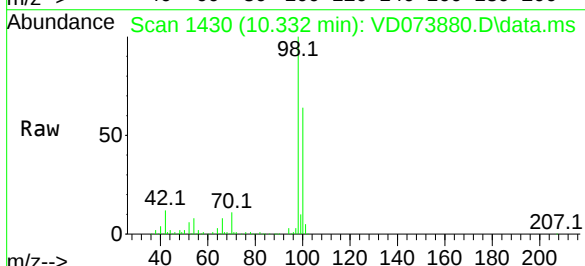
Acq: 20 Jul 2022 15:31

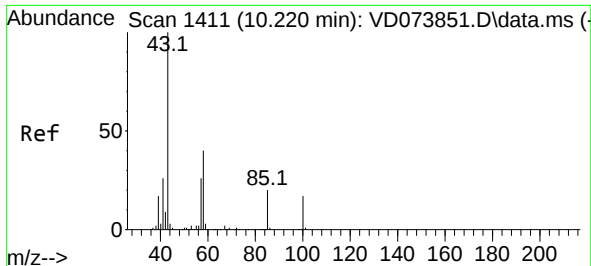
Tgt Ion: 98 Resp: 319541

Ion Ratio Lower Upper

98 100

100 64.5 52.4 78.6

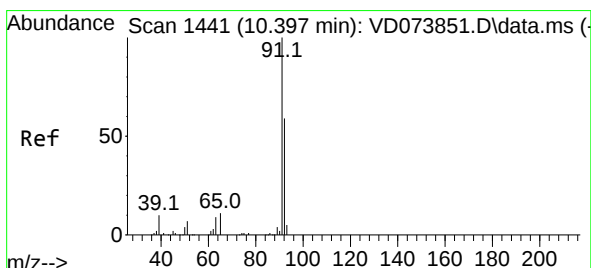
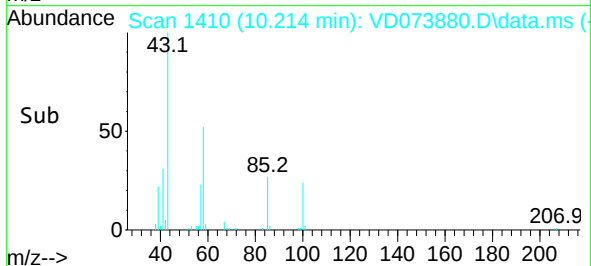
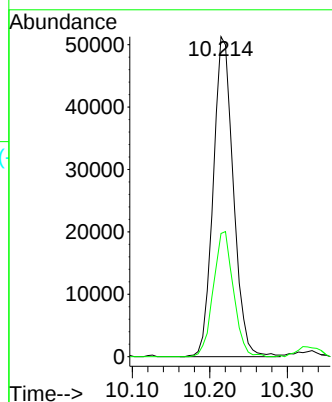
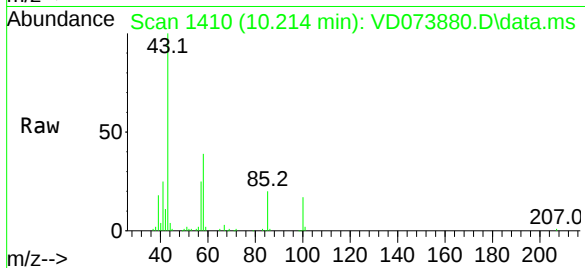




#51
4-Methyl-2-Pentanone
Concen: 110.678 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

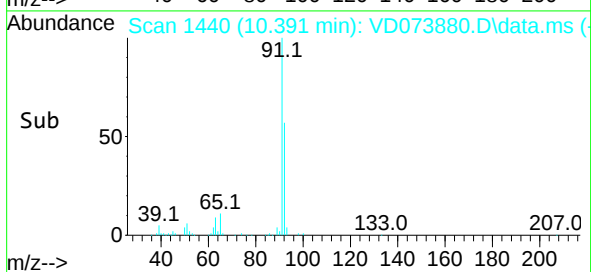
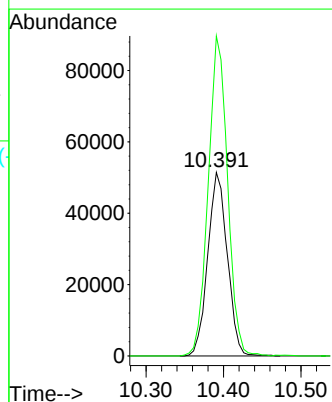
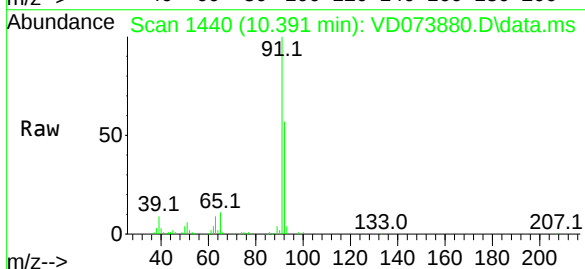
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

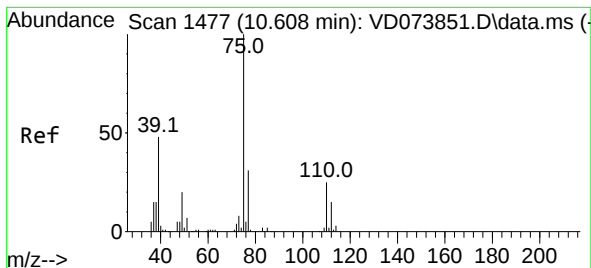
Tgt Ion: 43 Resp: 92589
Ion Ratio Lower Upper
43 100
58 39.1 28.6 43.0



#52
Toluene
Concen: 21.167 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 92 Resp: 90258
Ion Ratio Lower Upper
92 100
91 172.6 139.6 209.4

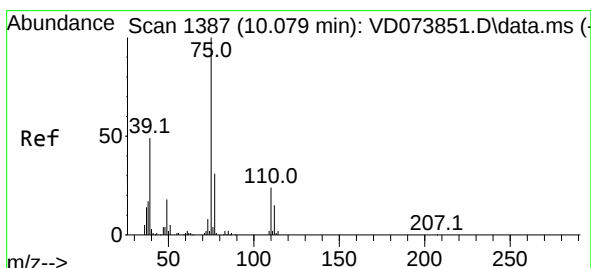
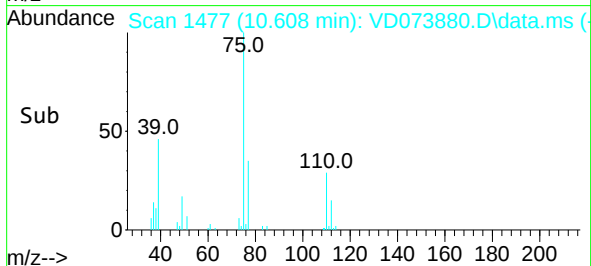
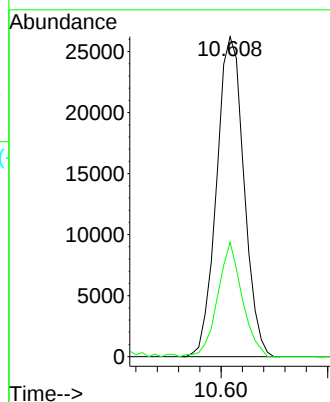
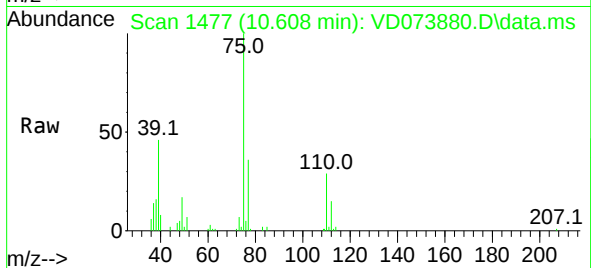




#53
t-1,3-Dichloropropene
Concen: 21.989 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

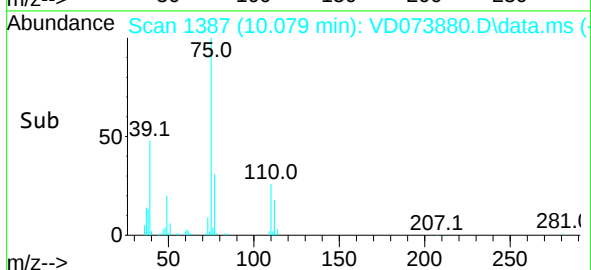
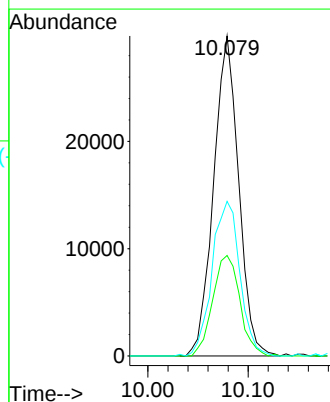
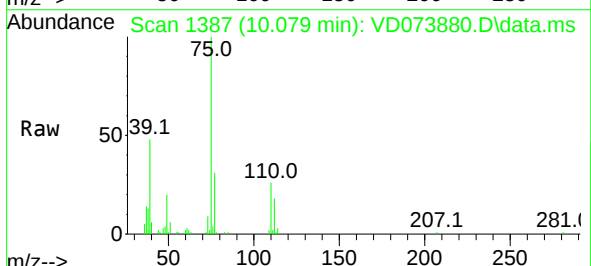
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

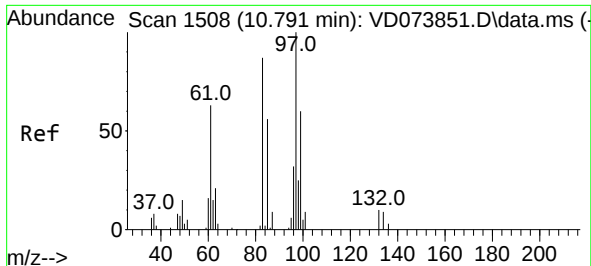
Tgt Ion: 75 Resp: 46688
Ion Ratio Lower Upper
75 100
77 35.7 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 21.053 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 75 Resp: 51722
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2
39 48.3 46.8 70.2

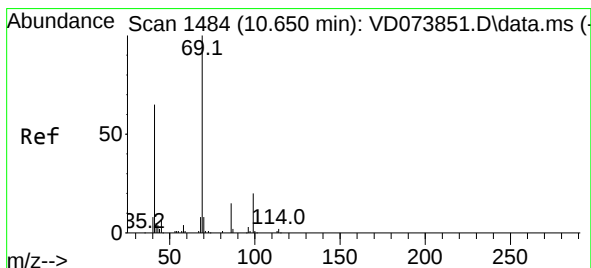
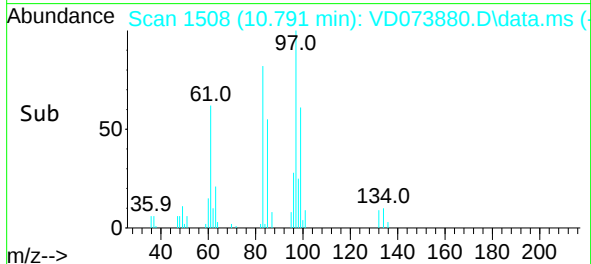
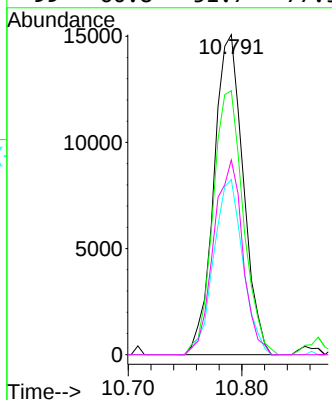
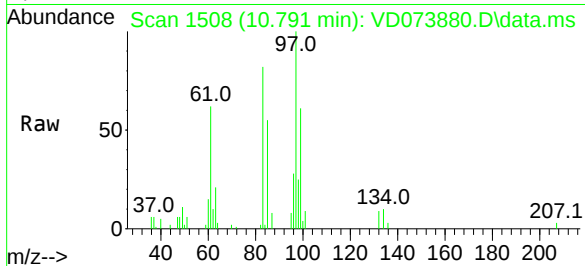




#55
1,1,2-Trichloroethane
Concen: 22.888 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

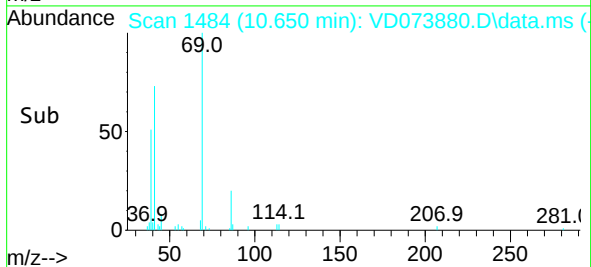
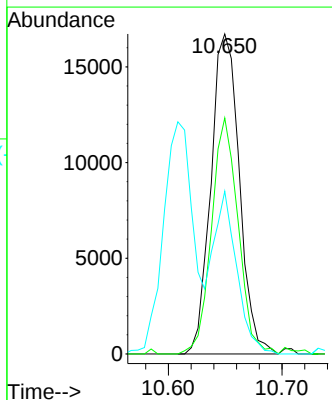
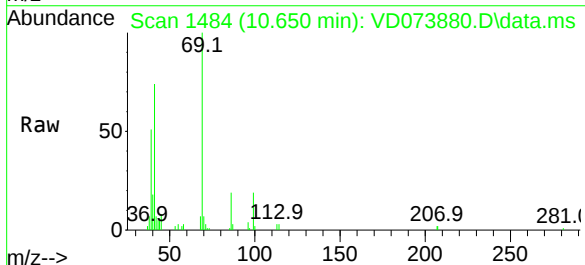
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

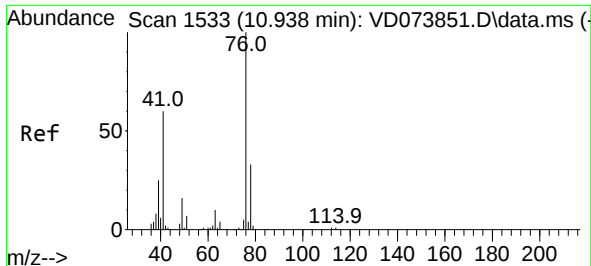
Tgt Ion:	97	Resp:	27044
Ion	Ratio	Lower	Upper
97	100		
83	82.5	69.0	103.4
85	54.8	42.6	63.8
99	60.8	51.7	77.5



#56
Ethyl methacrylate
Concen: 21.276 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion:	69	Resp:	29104
Ion	Ratio	Lower	Upper
69	100		
41	69.0	63.0	94.6
39	42.2	33.8	50.8





#57

1,3-Dichloropropane

Concen: 21.992 ug/l

RT: 10.938 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

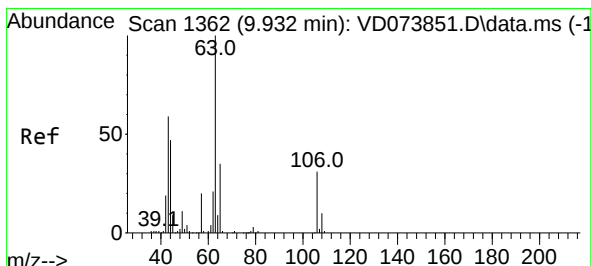
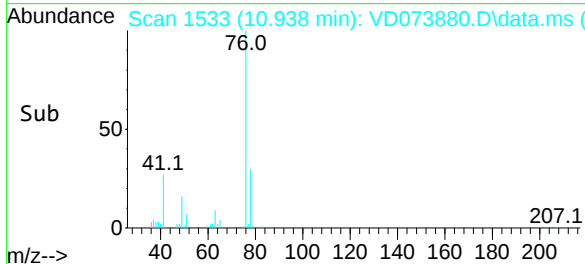
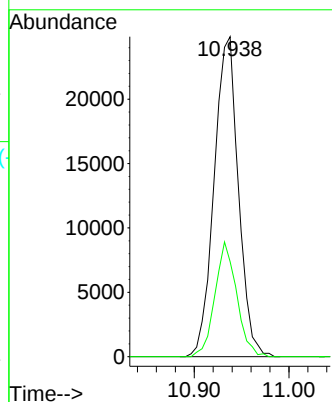
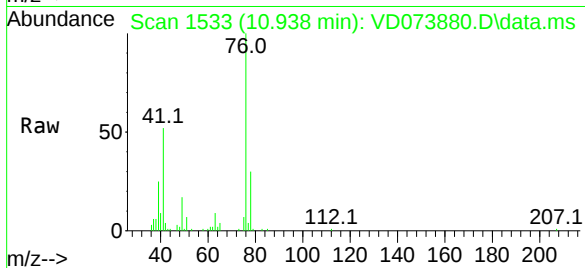
VD0720SBS02

Tgt Ion: 76 Resp: 44192

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 75.992 ug/l

RT: 9.926 min Scan# 1361

Delta R.T. -0.006 min

Lab File: VD073880.D

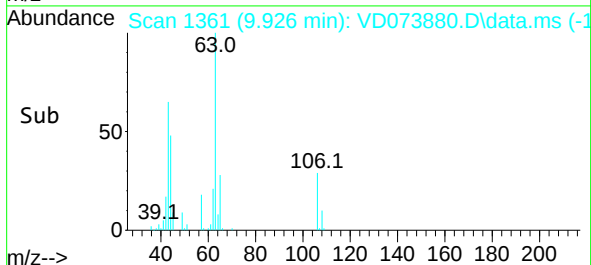
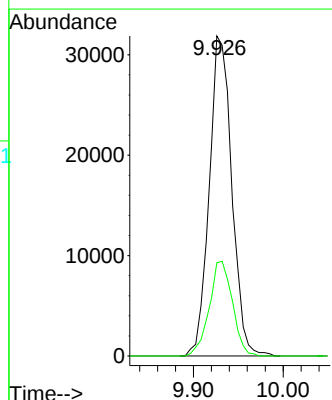
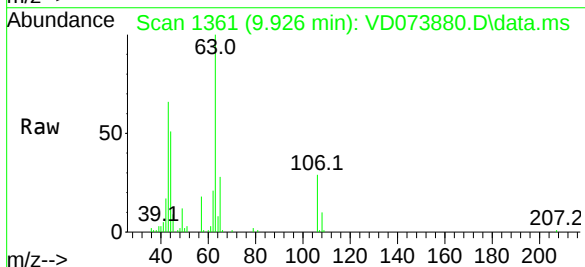
Acq: 20 Jul 2022 15:31

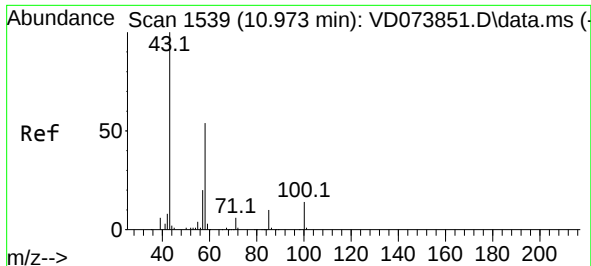
Tgt Ion: 63 Resp: 55585

Ion Ratio Lower Upper

63 100

106 30.4 21.4 32.0

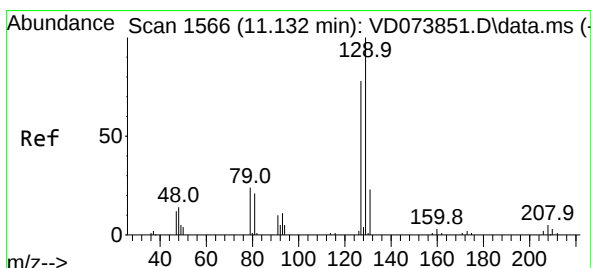
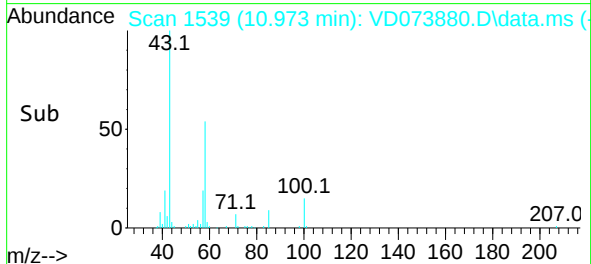
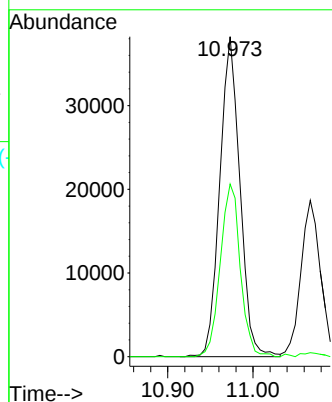
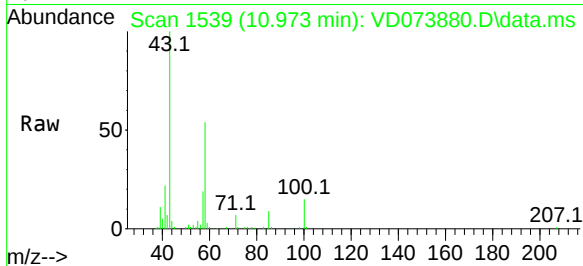




#59
2-Hexanone
Concen: 109.665 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

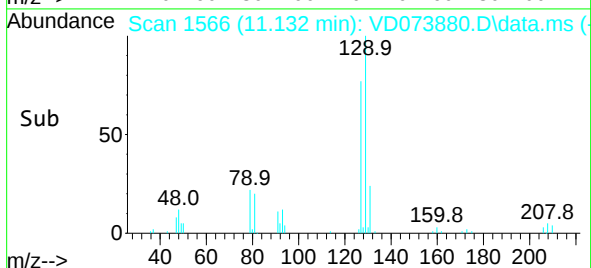
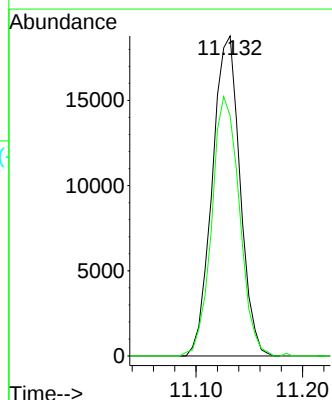
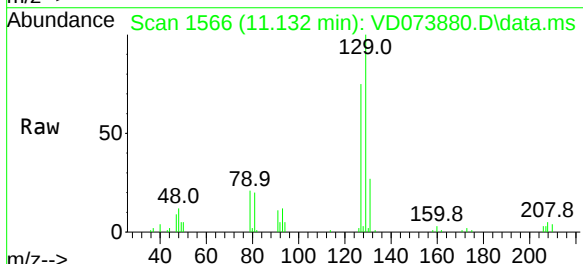
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

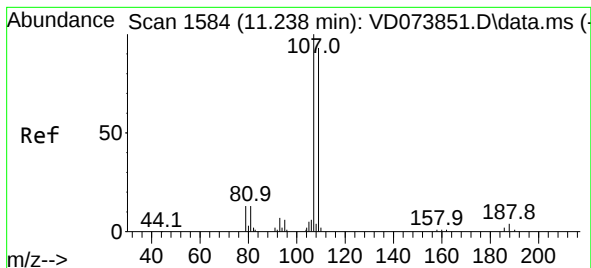
Tgt Ion: 43 Resp: 62687
Ion Ratio Lower Upper
43 100
58 53.7 25.3 75.9



#60
Dibromochloromethane
Concen: 21.156 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 129 Resp: 33863
Ion Ratio Lower Upper
129 100
127 81.0 39.2 117.6





#61

1,2-Dibromoethane

Concen: 22.429 ug/l

RT: 11.232 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

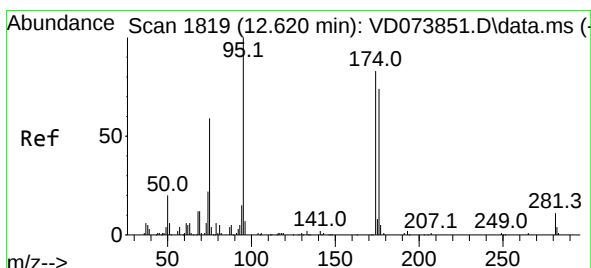
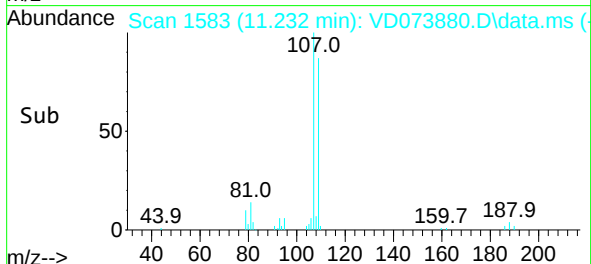
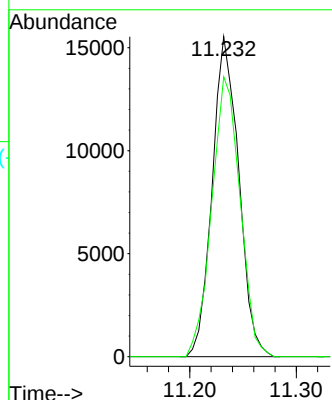
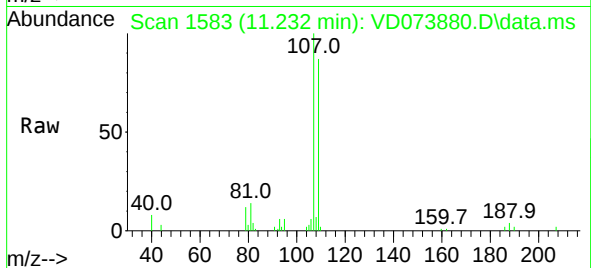
VD0720SBS02

Tgt Ion:107 Resp: 26813

Ion Ratio Lower Upper

107 100

109 93.4 74.2 111.4



#62

4-Bromofluorobenzene

Concen: 55.415 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

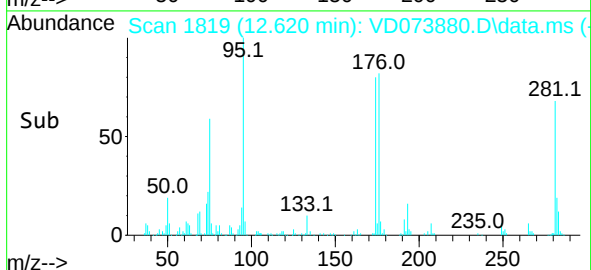
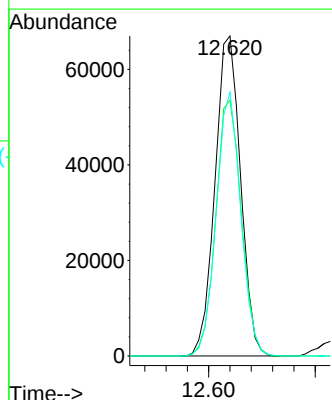
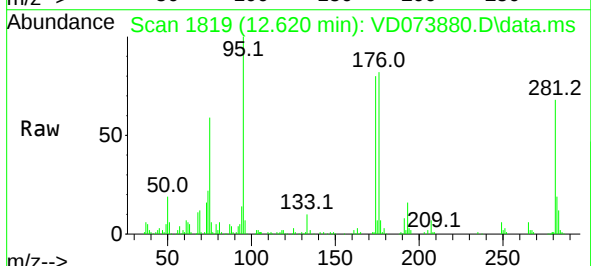
Tgt Ion: 95 Resp: 111649

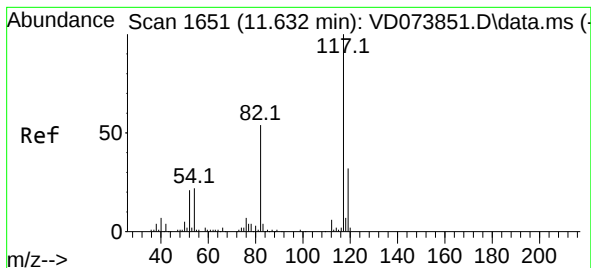
Ion Ratio Lower Upper

95 100

174 80.0 0.0 152.8

176 78.8 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02

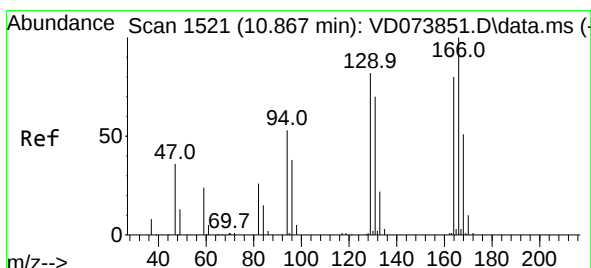
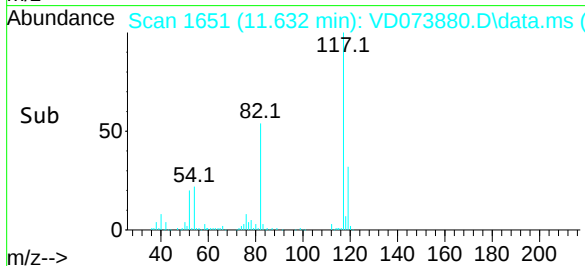
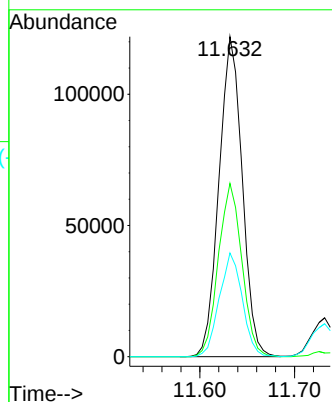
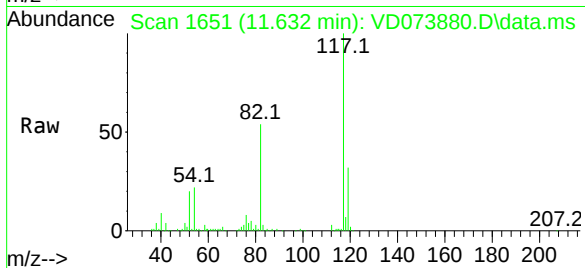
Tgt Ion:117 Resp: 208105

Ion Ratio Lower Upper

117 100

82 54.2 45.3 67.9

119 32.4 26.6 40.0



#64

Tetrachloroethene

Concen: 25.332 ug/l

RT: 10.861 min Scan# 1520

Delta R.T. -0.006 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

Tgt Ion:164 Resp: 35160

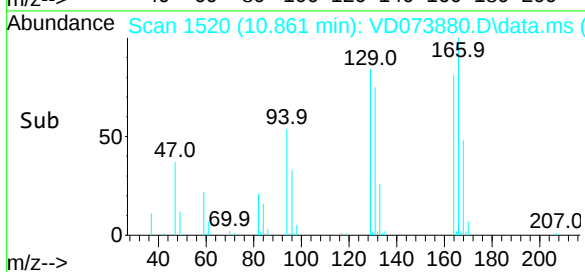
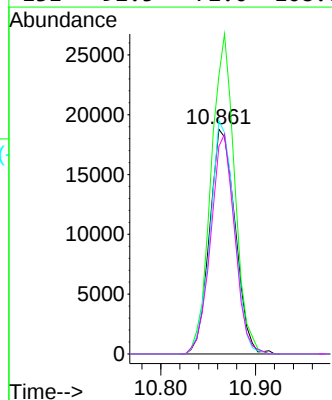
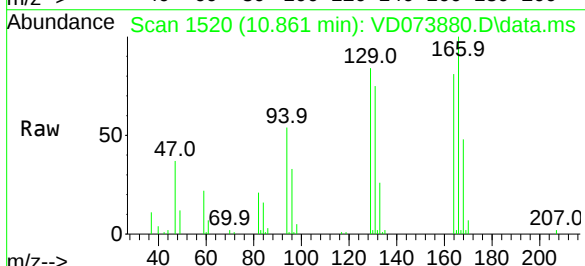
Ion Ratio Lower Upper

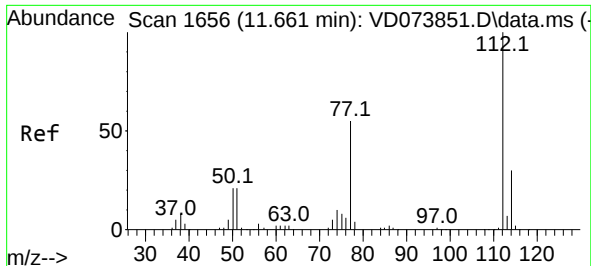
164 100

166 123.9 98.5 147.7

129 103.7 74.6 111.8

131 92.5 72.0 108.0

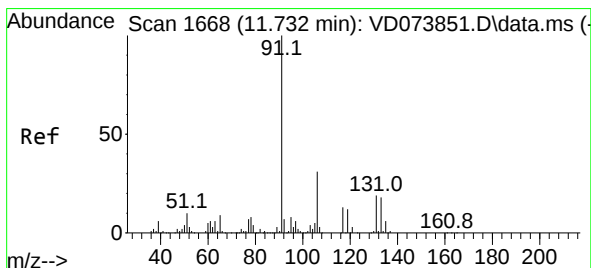
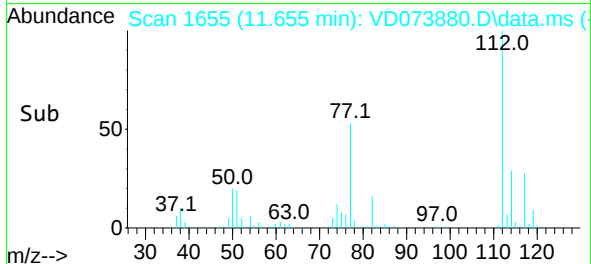
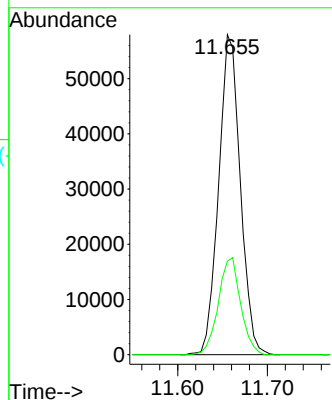
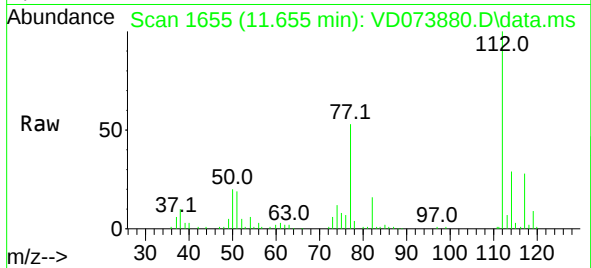




#65
Chlorobenzene
Concen: 22.621 ug/l
RT: 11.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

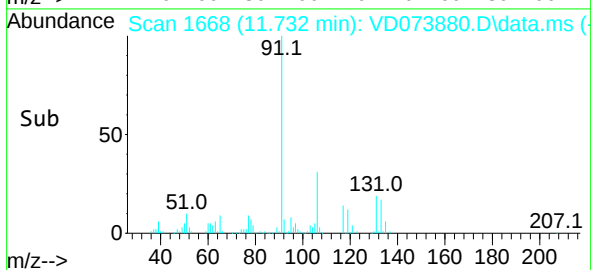
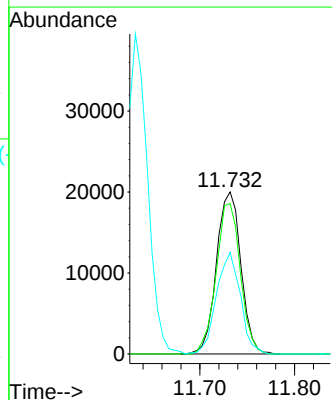
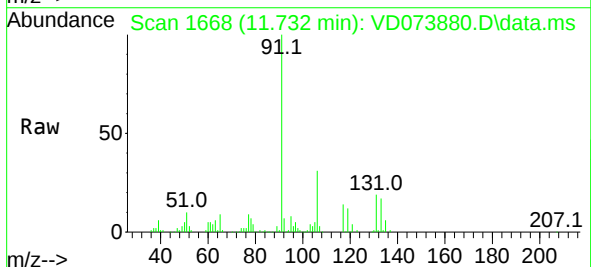
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

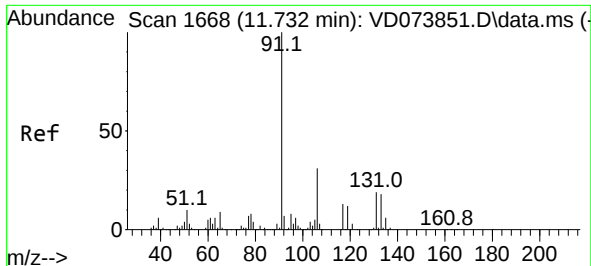
Tgt Ion:112 Resp: 96954
Ion Ratio Lower Upper
112 100
114 29.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.006 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion:131 Resp: 35845
Ion Ratio Lower Upper
131 100
133 92.2 48.1 144.3
119 61.5 31.9 95.9

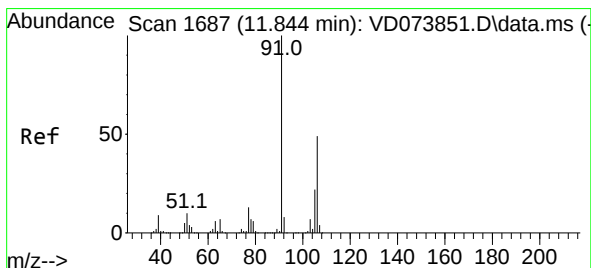
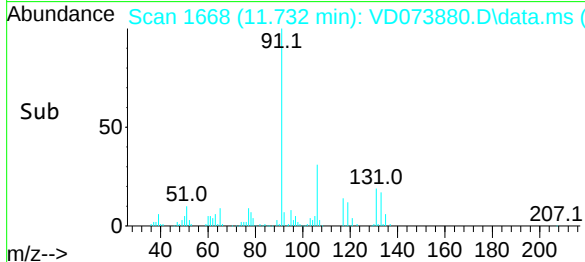
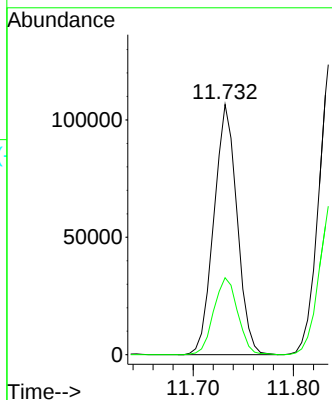
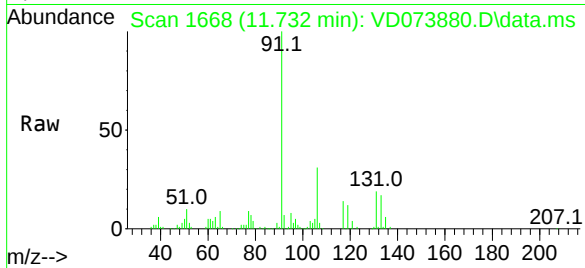




#67
Ethyl Benzene
Concen: 21.586 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

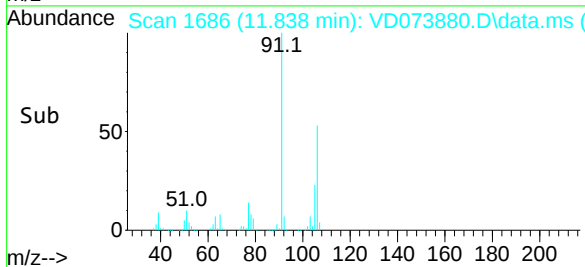
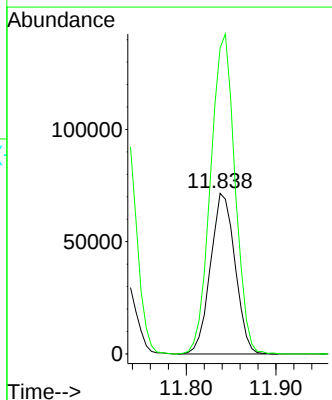
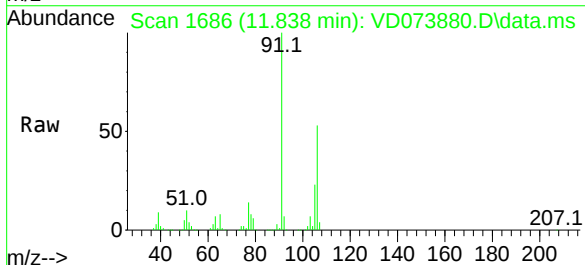
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

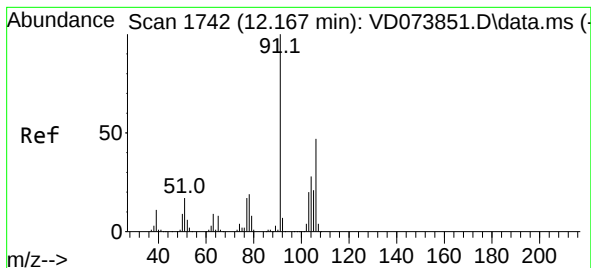
Tgt Ion: 91 Resp: 170823
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4



#68
m/p-Xylenes
Concen: 43.992 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion:106 Resp: 136073
Ion Ratio Lower Upper
106 100
91 197.8 163.7 245.5





#69

o-Xylene

Concen: 21.661 ug/l

RT: 12.167 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

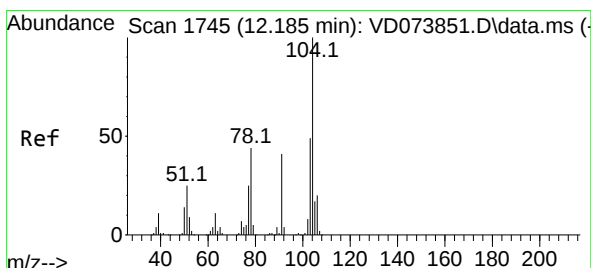
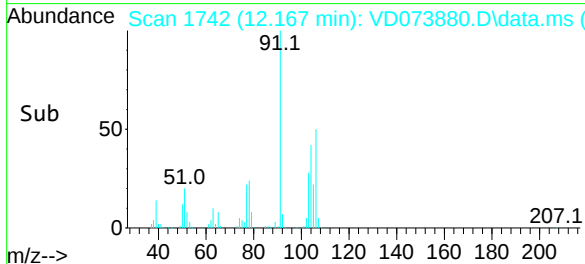
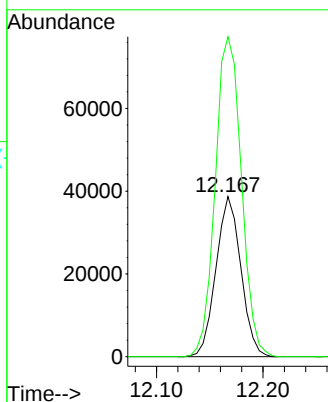
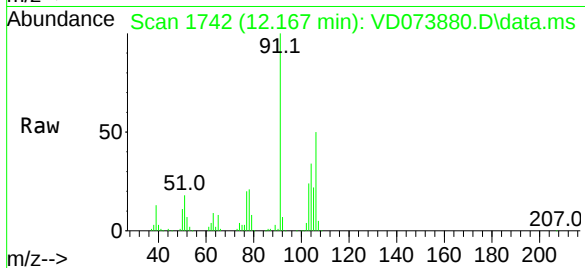
VD0720SBS02

Tgt Ion:106 Resp: 62728

Ion Ratio Lower Upper

106 100

91 210.1 110.4 331.2



#70

Styrene

Concen: 21.161 ug/l

RT: 12.179 min Scan# 1744

Delta R.T. -0.006 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

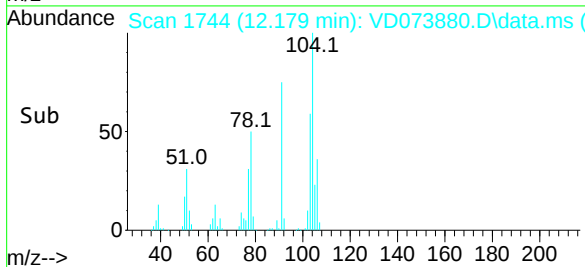
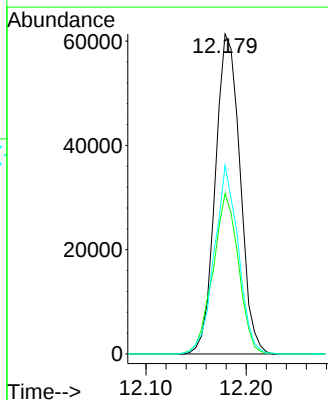
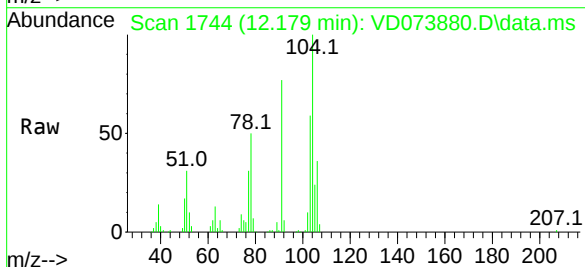
Tgt Ion:104 Resp: 104765

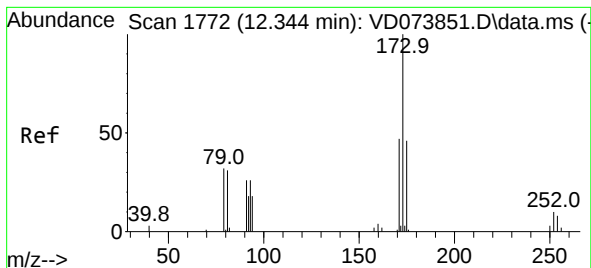
Ion Ratio Lower Upper

104 100

78 51.9 41.8 62.8

103 57.2 44.2 66.4





#71

Bromoform

Concen: 22.914 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02

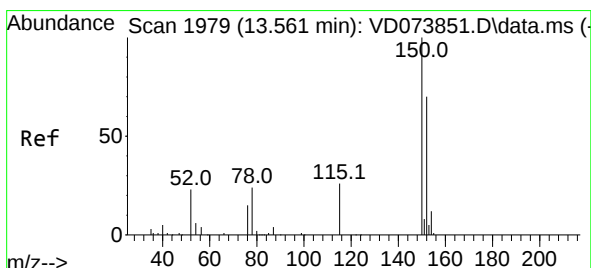
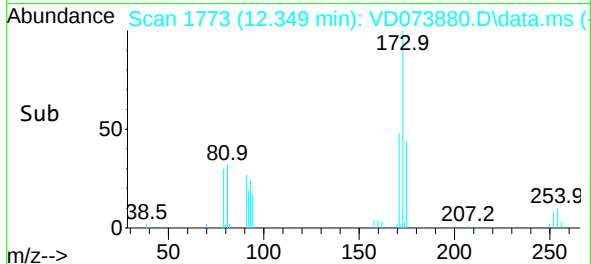
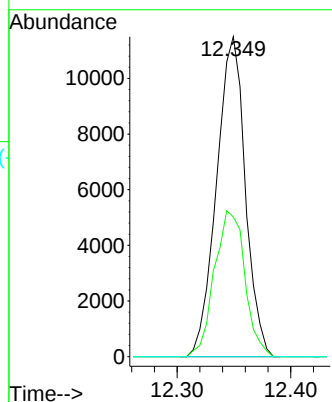
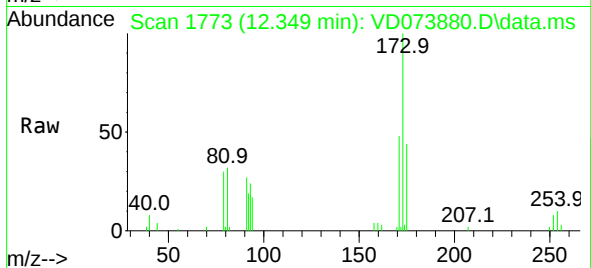
Tgt Ion:173 Resp: 20196

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

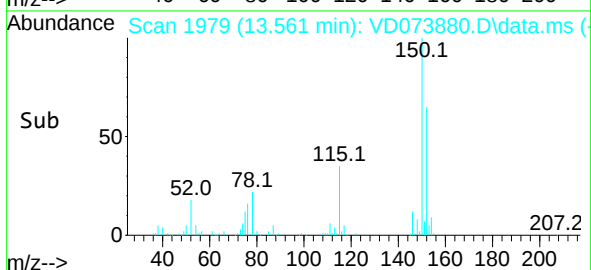
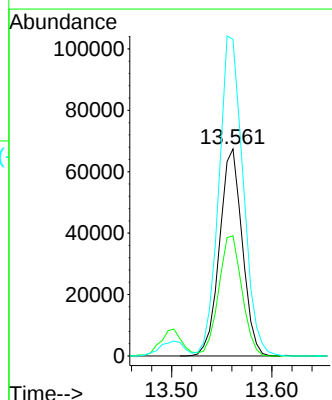
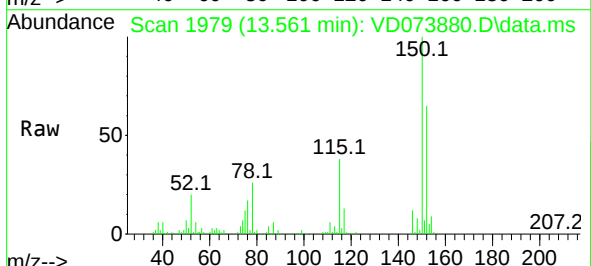
Tgt Ion:152 Resp: 105901

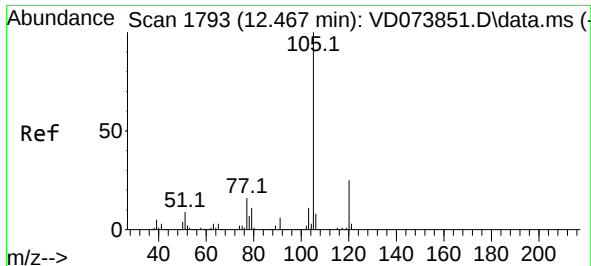
Ion Ratio Lower Upper

152 100

115 59.6 31.3 93.8

150 165.8 0.0 348.6

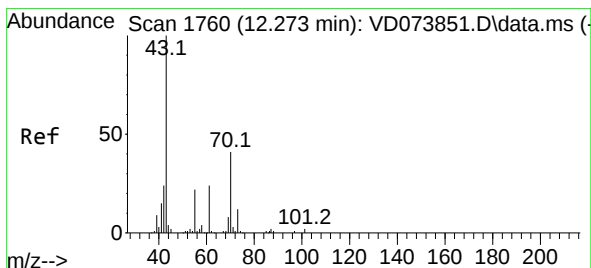
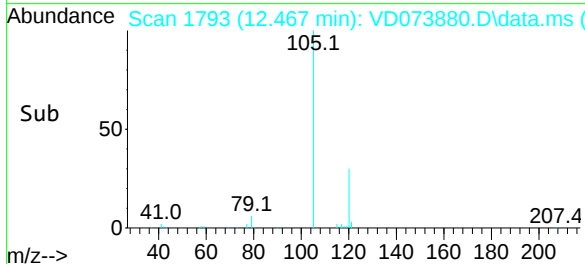
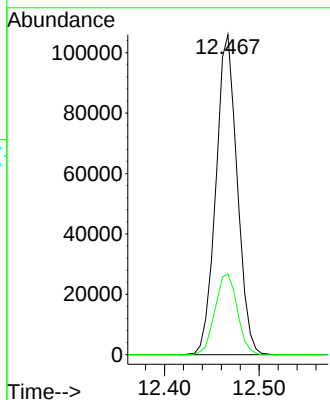
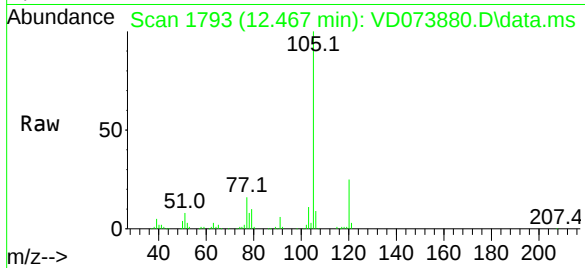




#73
Isopropylbenzene
Concen: 20.649 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

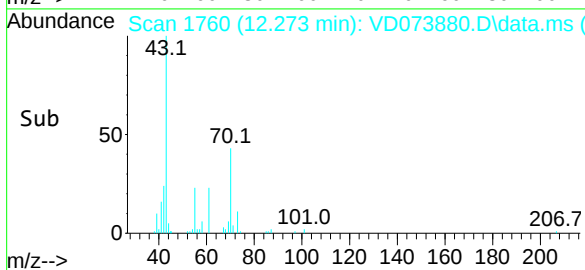
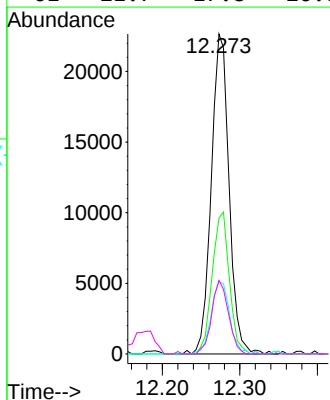
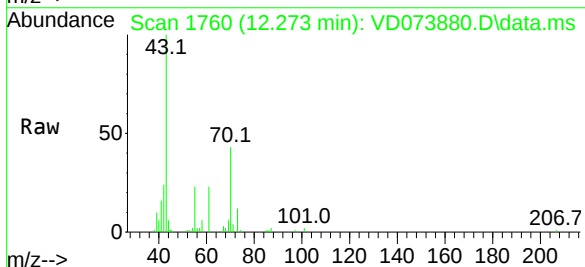
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

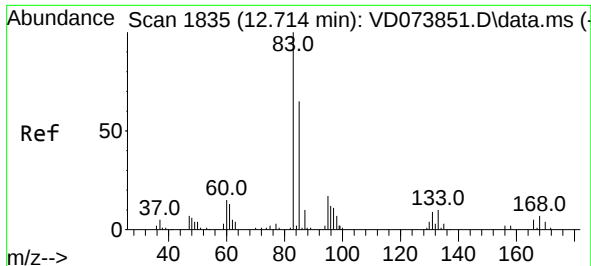
Tgt Ion:105 Resp: 165629
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9



#74
N-ethyl acetate
Concen: 22.824 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 43 Resp: 36111
Ion Ratio Lower Upper
43 100
70 42.9 31.3 46.9
55 23.6 20.0 30.0
61 21.7 17.8 26.8

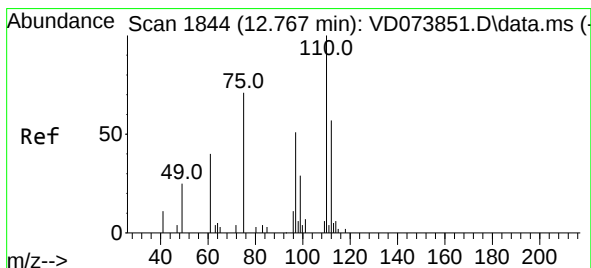
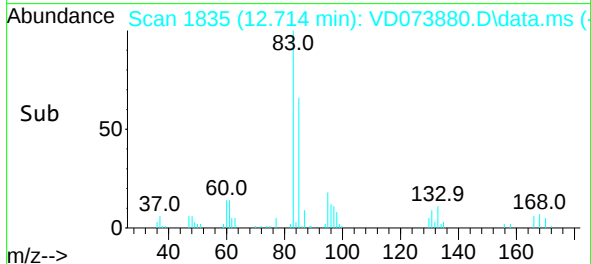
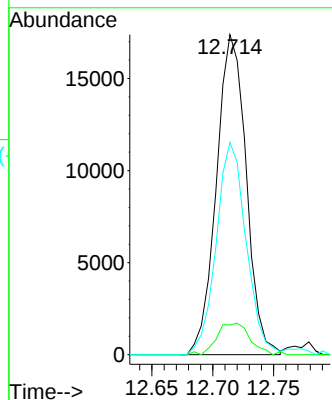
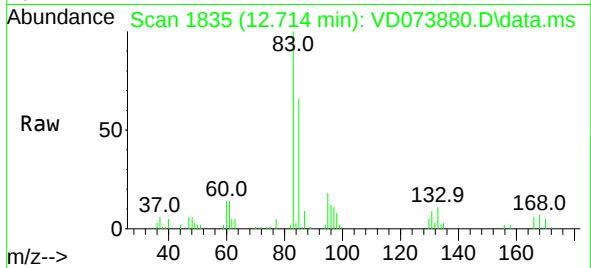




#75
1,1,2,2-Tetrachloroethane
Concen: 21.345 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

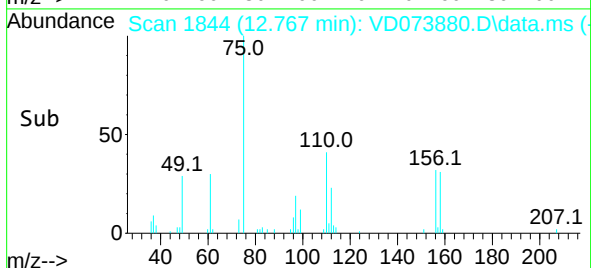
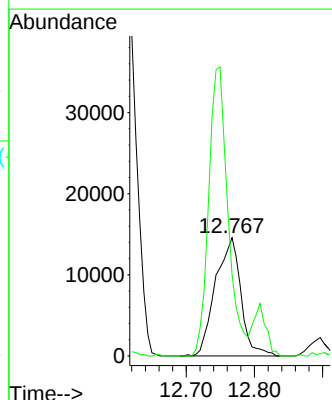
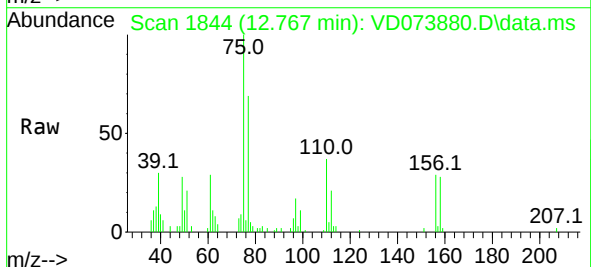
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

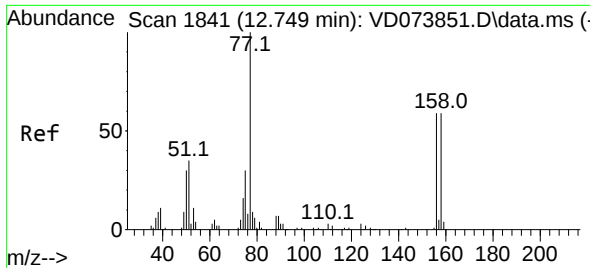
Tgt Ion: 83 Resp: 29592
Ion Ratio Lower Upper
83 100
131 11.0 5.0 14.9
85 66.4 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 33.305 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 75 Resp: 37844
Ion Ratio Lower Upper
75 100
77 186.0 0.0 0.0#

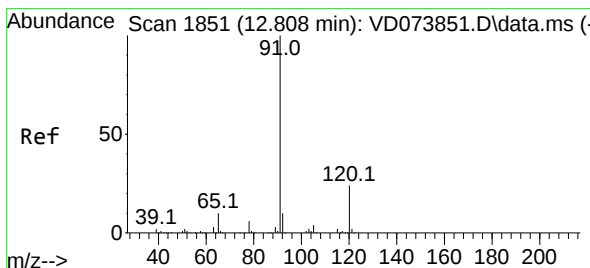
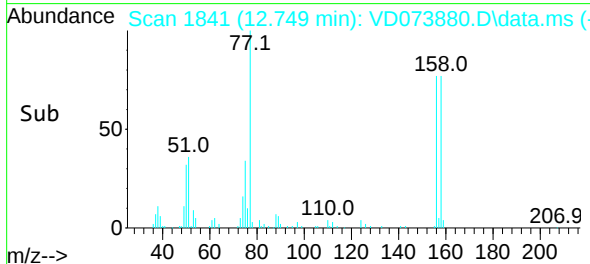
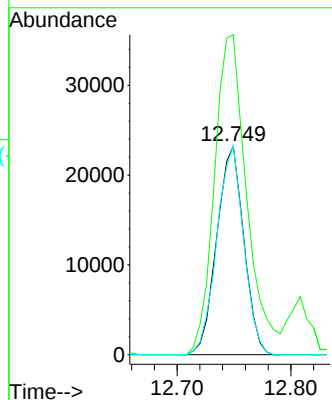
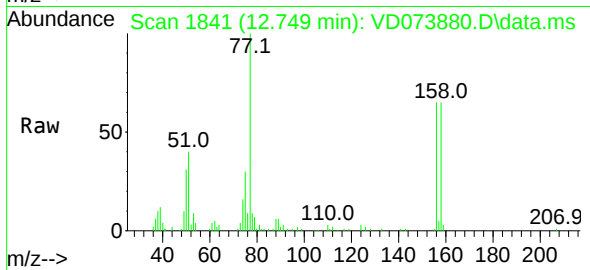




#77
Bromobenzene
Concen: 21.592 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

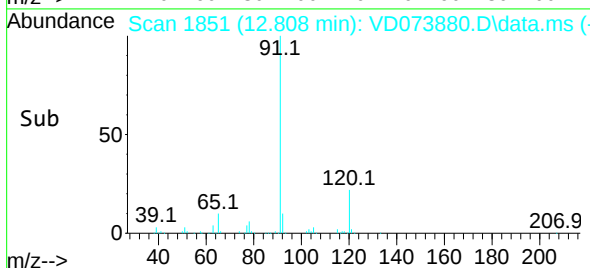
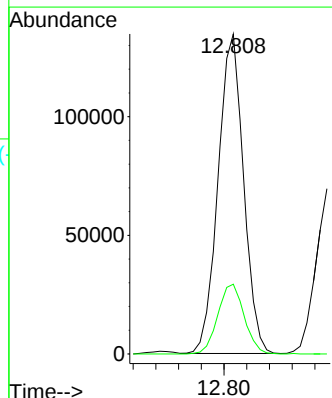
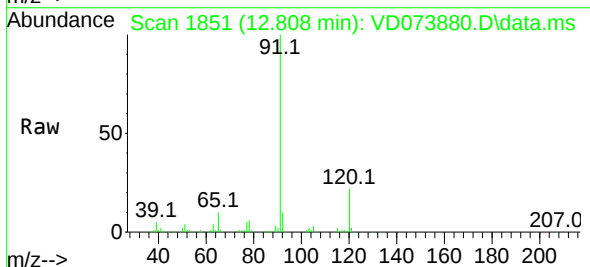
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

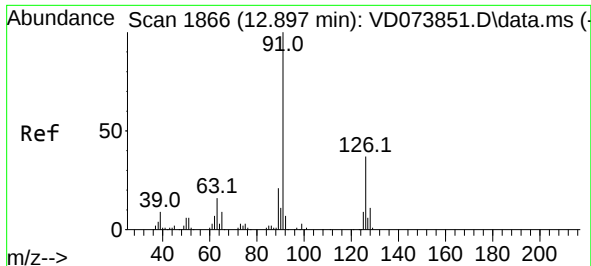
Tgt Ion:156 Resp: 38490
Ion Ratio Lower Upper
156 100
77 182.9 102.8 308.3
158 99.2 48.7 146.1



#78
n-propylbenzene
Concen: 21.416 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 91 Resp: 209558
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9

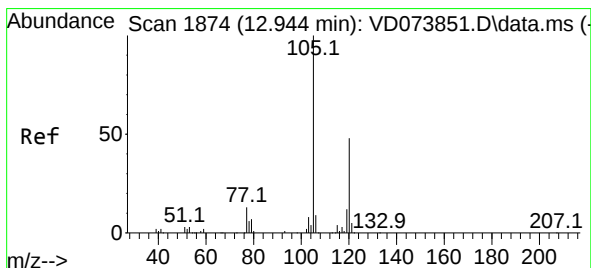
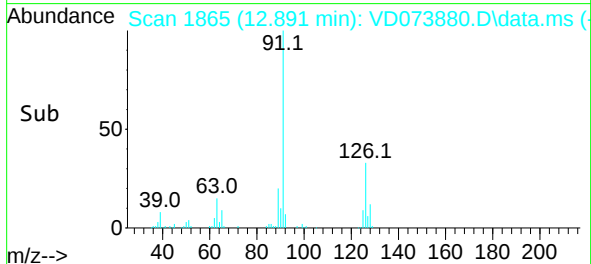
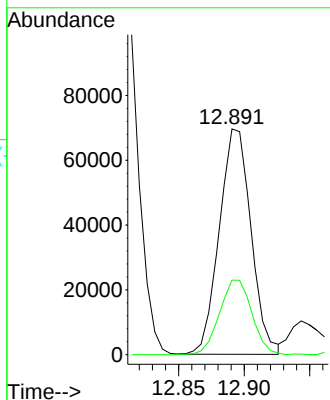
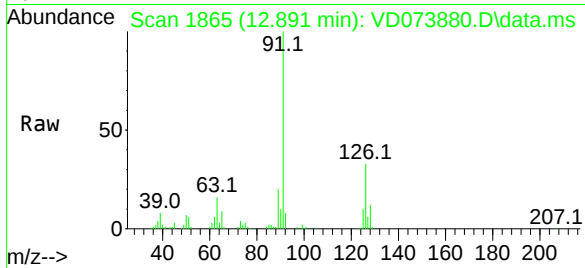




#79
2-Chlorotoluene
Concen: 21.392 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

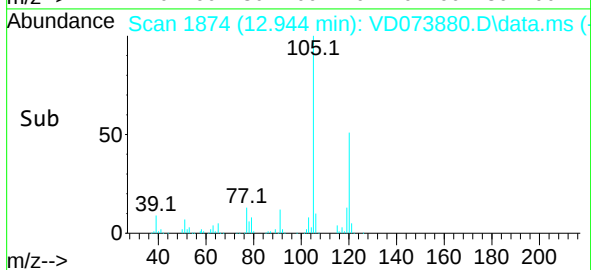
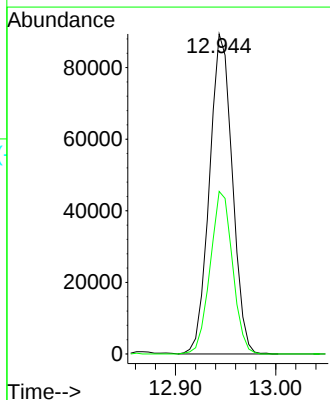
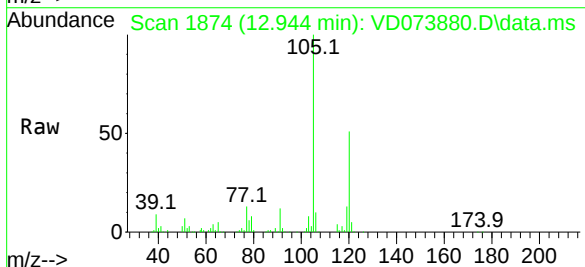
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

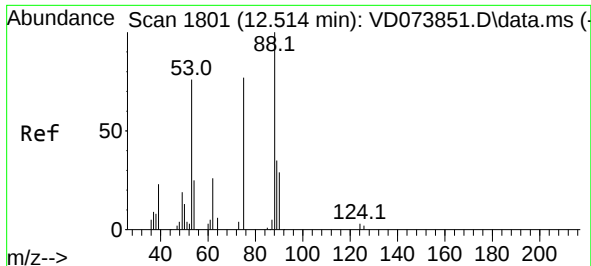
Tgt Ion: 91 Resp: 117424
Ion Ratio Lower Upper
91 100
126 33.8 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 20.881 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 105 Resp: 141183
Ion Ratio Lower Upper
105 100
120 49.7 24.3 72.8

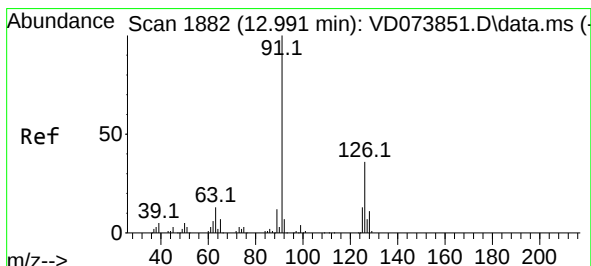
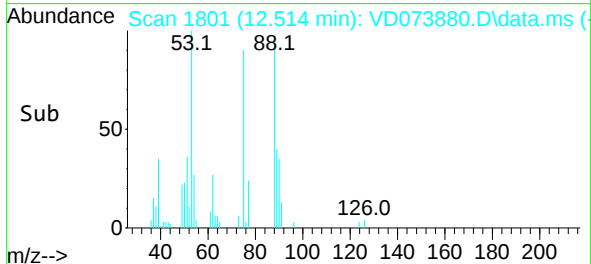
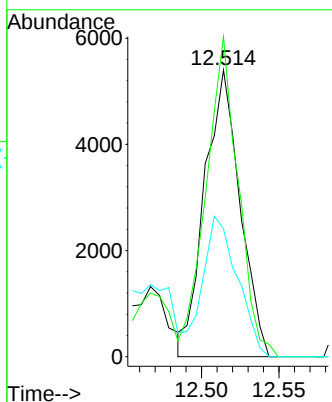
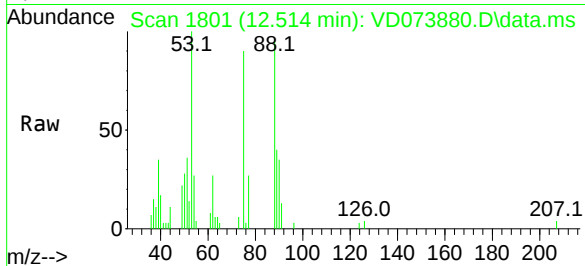




#81
trans-1,4-Dichloro-2-butene
Concen: 20.288 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

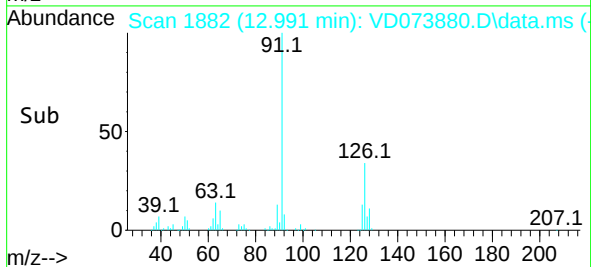
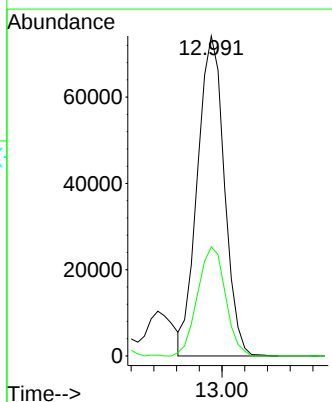
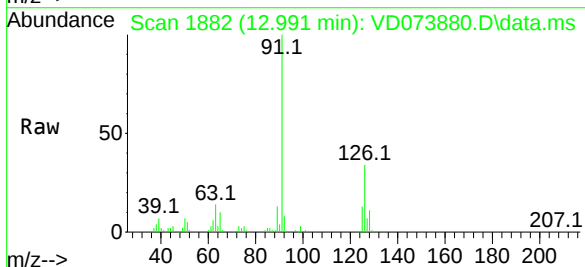
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

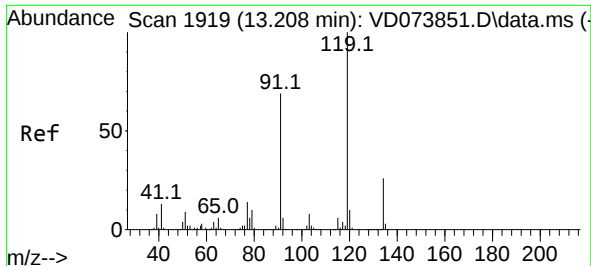
Tgt Ion: 75 Resp: 8543
Ion Ratio Lower Upper
75 100
53 101.5 86.5 129.7
89 47.1 33.9 50.9



#82
4-Chlorotoluene
Concen: 20.986 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 91 Resp: 121820
Ion Ratio Lower Upper
91 100
126 35.3 16.5 49.5

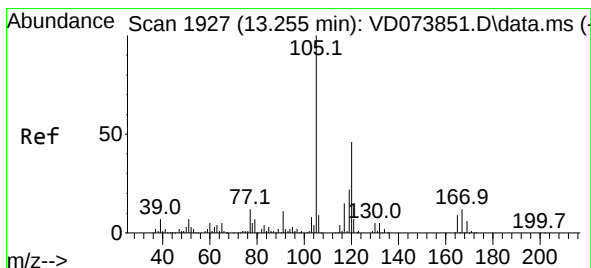
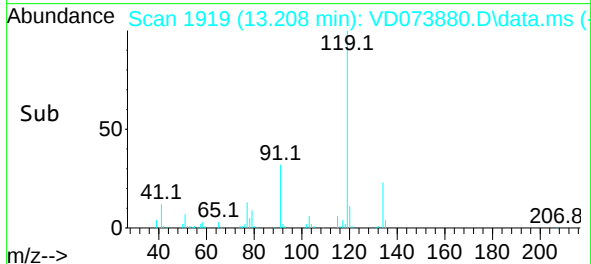
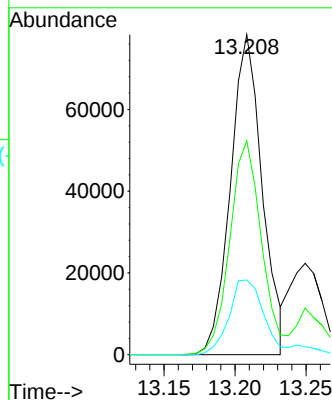
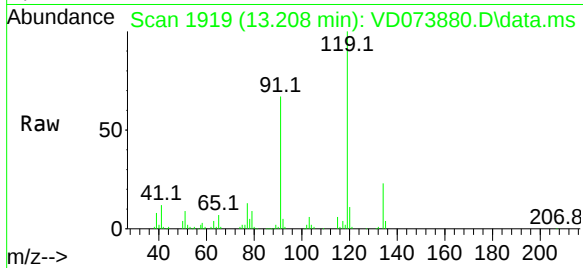




#83
tert-Butylbenzene
Concen: 21.068 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

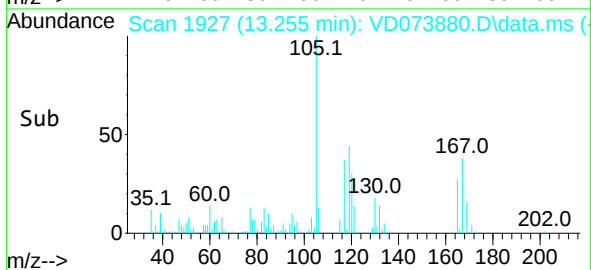
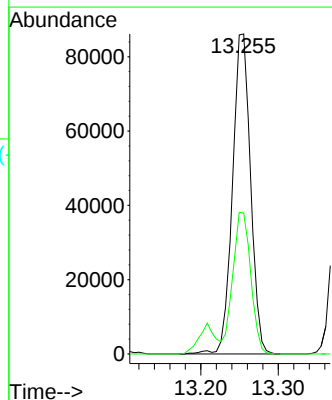
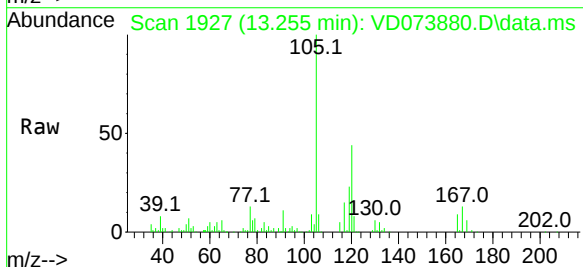
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

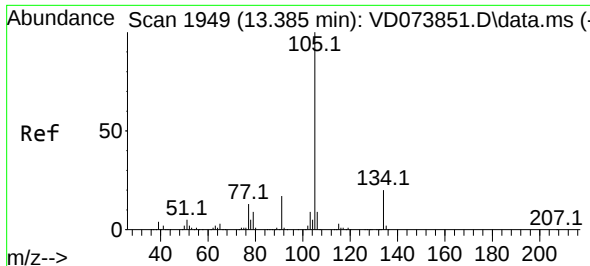
Tgt Ion:119 Resp: 121791
Ion Ratio Lower Upper
119 100
91 67.5 34.8 104.5
134 25.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.737 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion:105 Resp: 139650
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.8

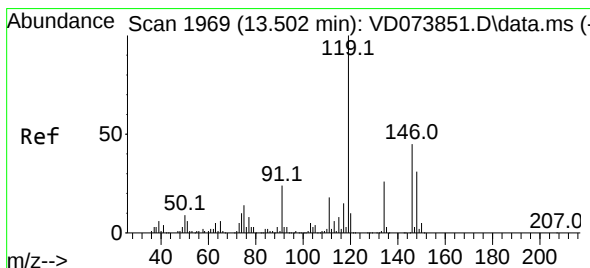
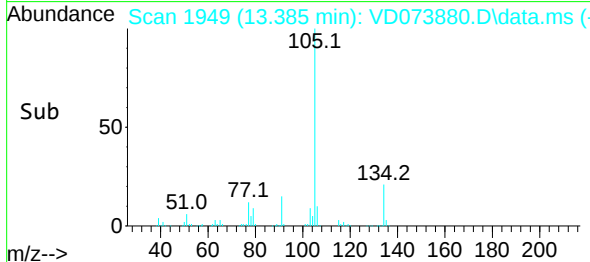
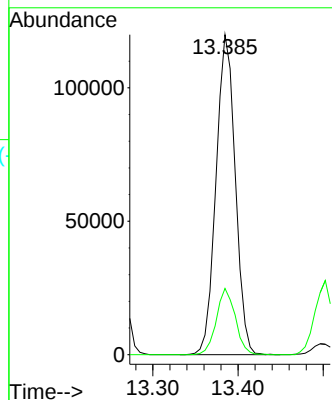
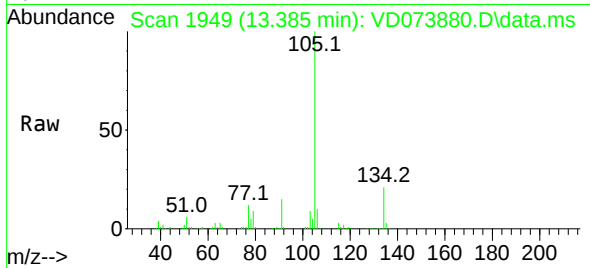




#85
 sec-Butylbenzene
 Concen: 21.595 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073880.D
 Acq: 20 Jul 2022 15:31

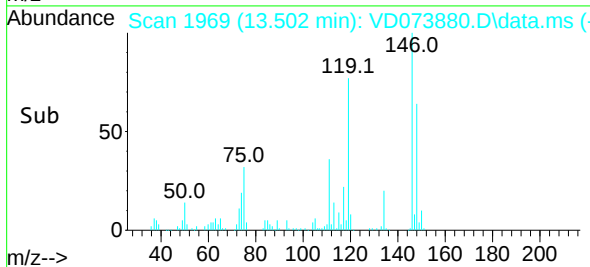
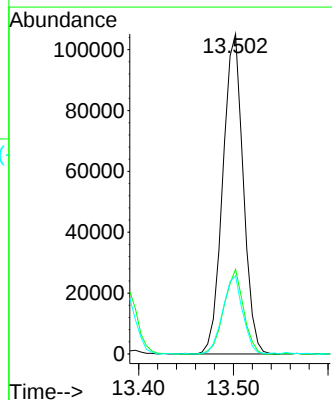
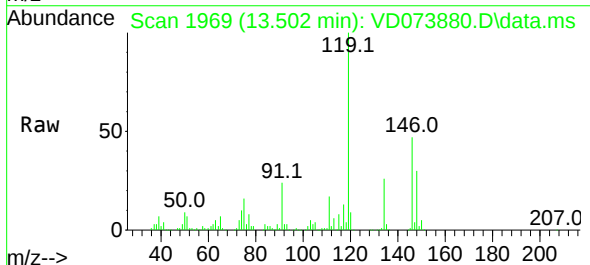
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0720SBS02

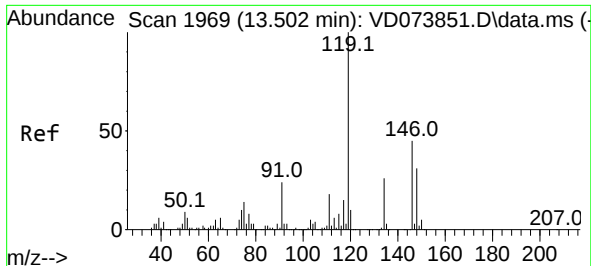
Tgt Ion:105 Resp: 188246
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 21.444 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD073880.D
 Acq: 20 Jul 2022 15:31

Tgt Ion:119 Resp: 157403
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.6
 91 24.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 21.539 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02

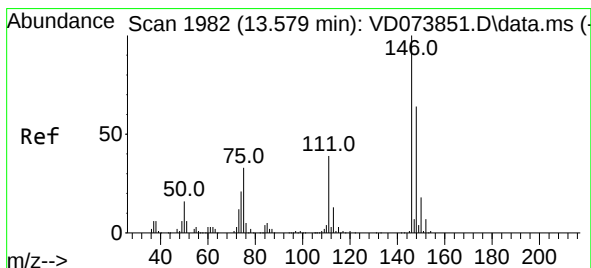
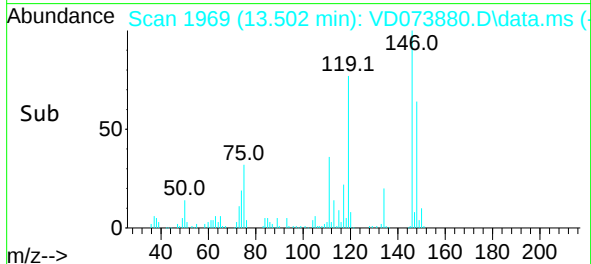
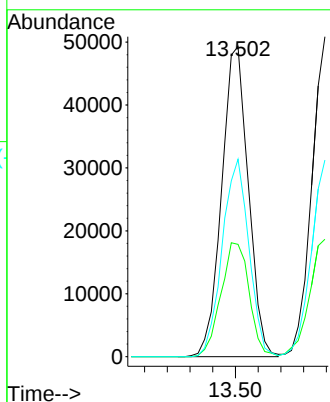
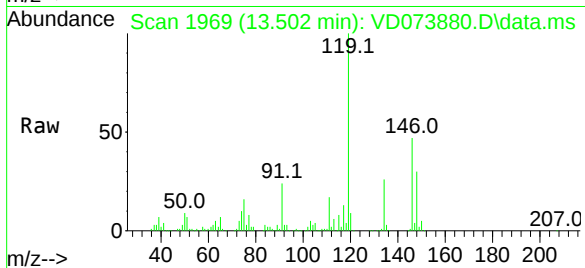
Tgt Ion:146 Resp: 80404

Ion Ratio Lower Upper

146 100

111 38.9 20.4 61.3

148 63.6 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 21.964 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

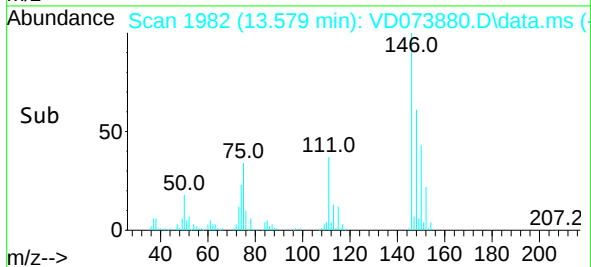
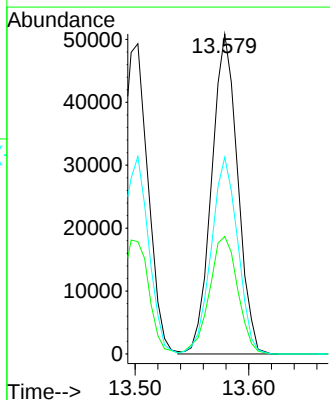
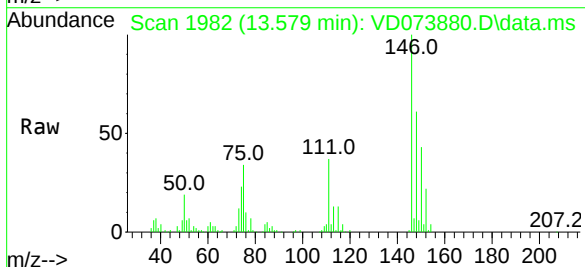
Tgt Ion:146 Resp: 81047

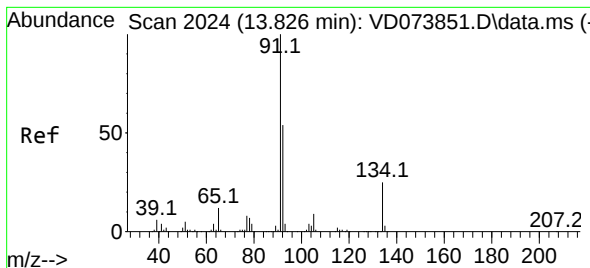
Ion Ratio Lower Upper

146 100

111 39.9 20.3 60.9

148 62.5 31.7 95.1





#89

n-Butylbenzene

Concen: 21.381 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02

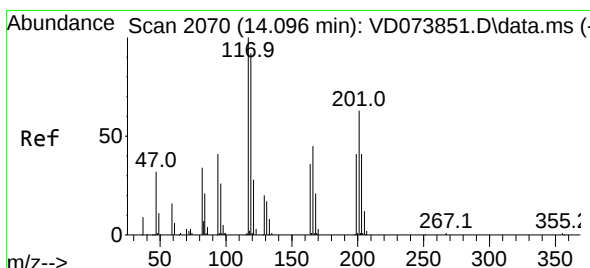
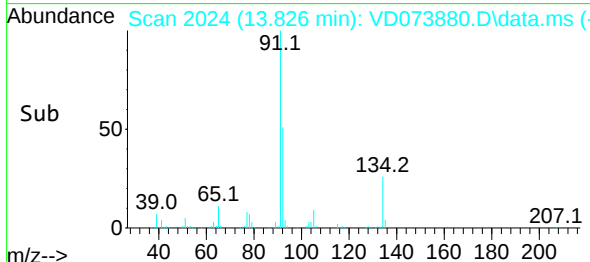
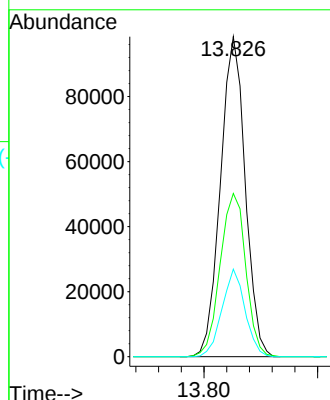
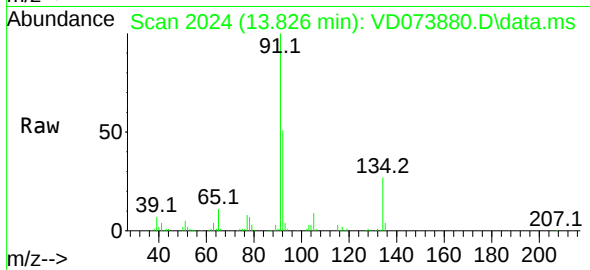
Tgt Ion: 91 Resp: 149003

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.8

134 25.5 12.3 36.9



#90

Hexachloroethane

Concen: 17.689 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VD073880.D

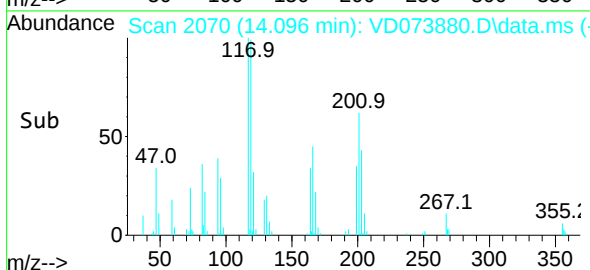
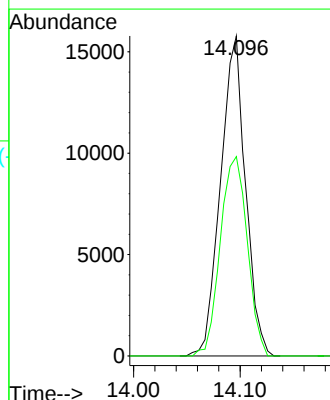
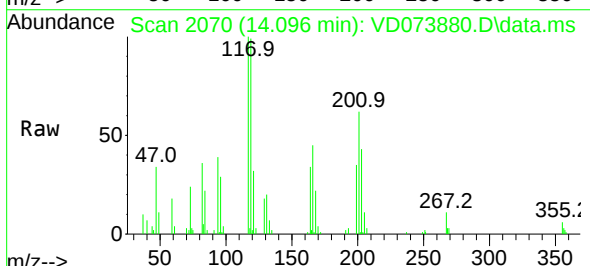
Acq: 20 Jul 2022 15:31

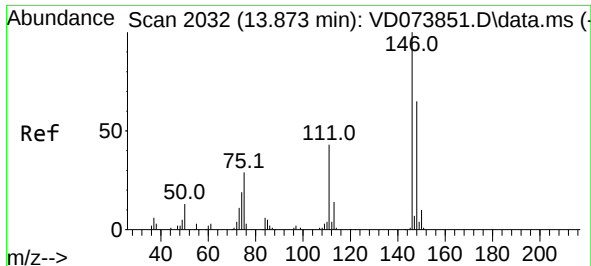
Tgt Ion: 117 Resp: 25657

Ion Ratio Lower Upper

117 100

201 67.3 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 21.344 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02

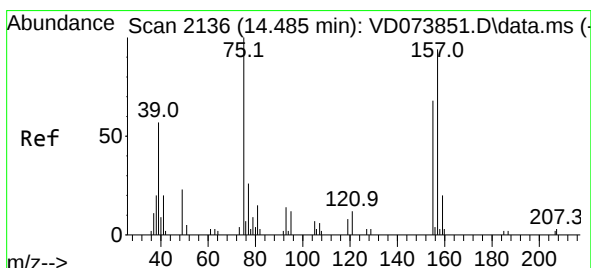
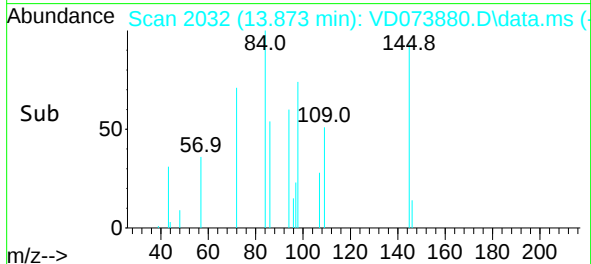
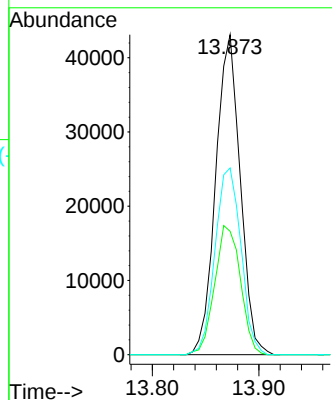
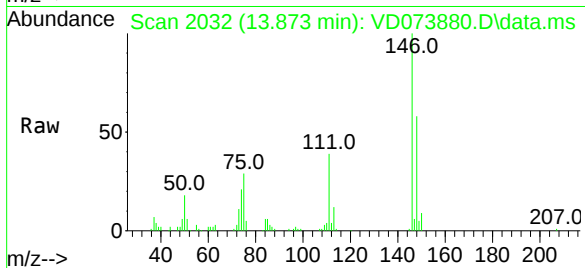
Tgt Ion:146 Resp: 68838

Ion Ratio Lower Upper

146 100

111 42.4 21.1 63.3

148 61.7 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.906 ug/l

RT: 14.491 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VD073880.D

Acq: 20 Jul 2022 15:31

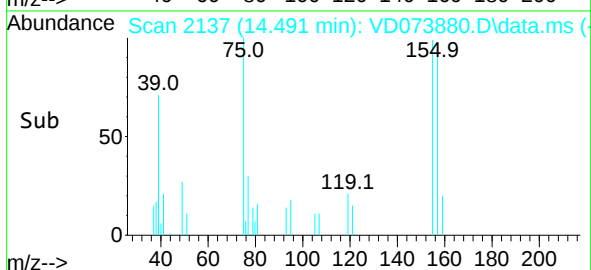
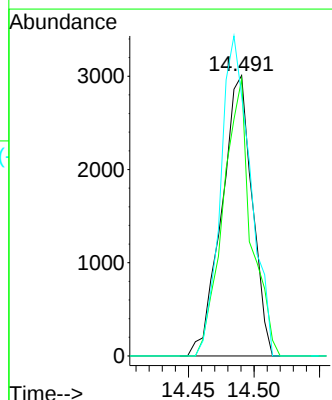
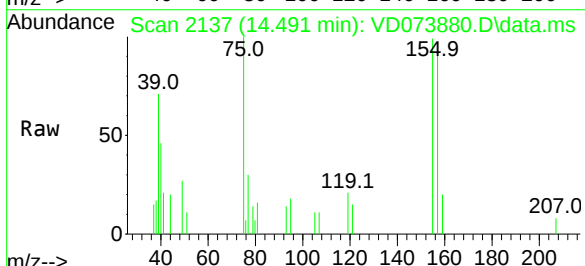
Tgt Ion: 75 Resp: 4867

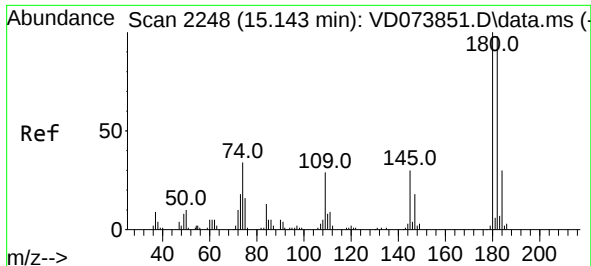
Ion Ratio Lower Upper

75 100

155 90.8 36.8 110.3

157 111.9 48.4 145.0

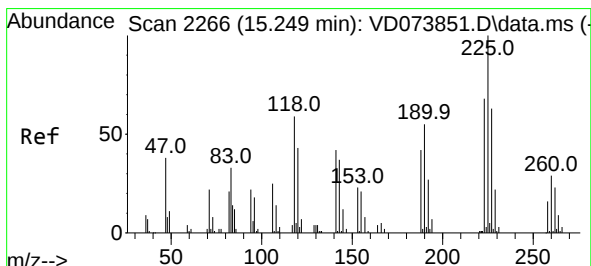
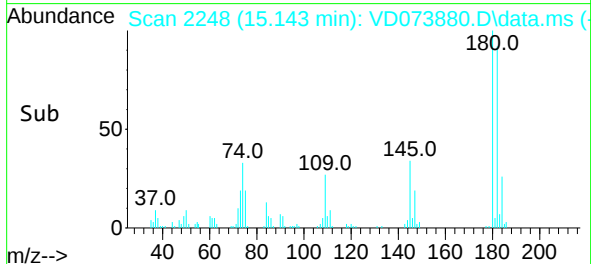
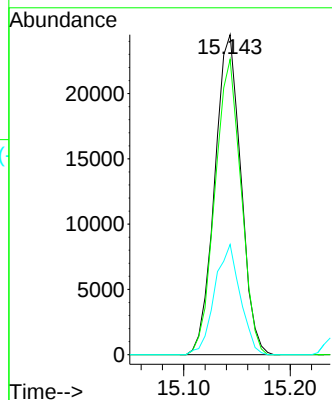
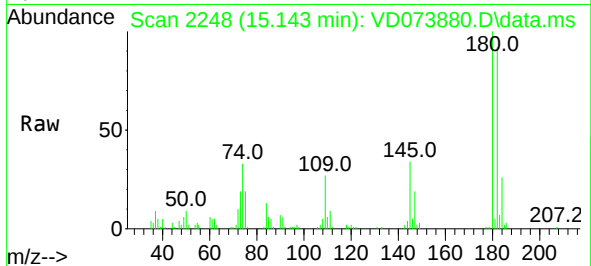




#93
1,2,4-Trichlorobenzene
Concen: 21.186 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

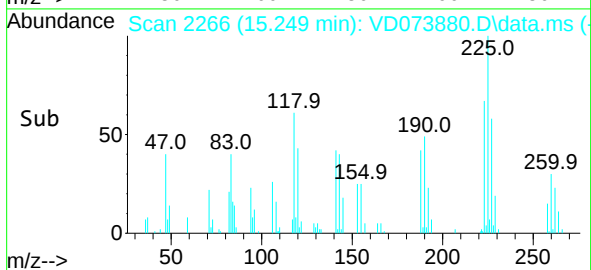
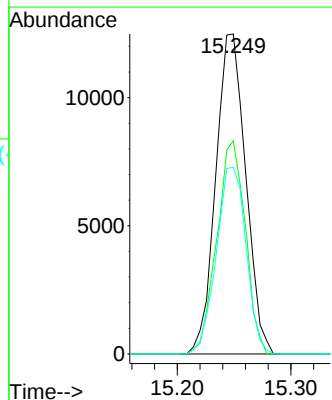
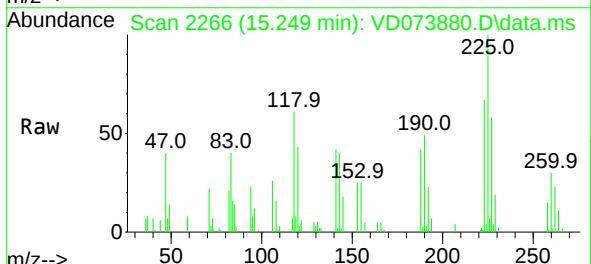
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

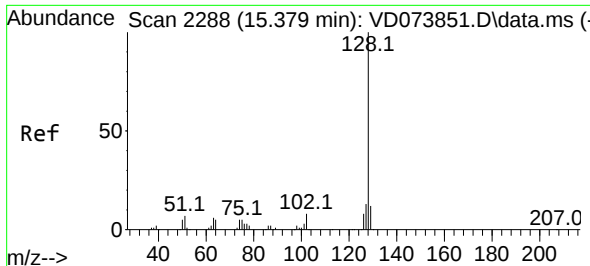
Tgt Ion:180 Resp: 41715
Ion Ratio Lower Upper
180 100
182 91.8 47.3 142.0
145 33.8 16.2 48.5



#94
Hexachlorobutadiene
Concen: 21.909 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion:225 Resp: 22861
Ion Ratio Lower Upper
225 100
223 63.3 31.1 93.2
227 58.1 32.4 97.0

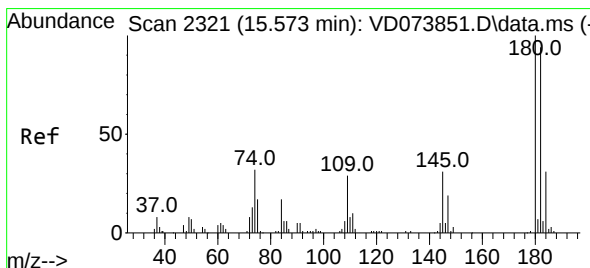
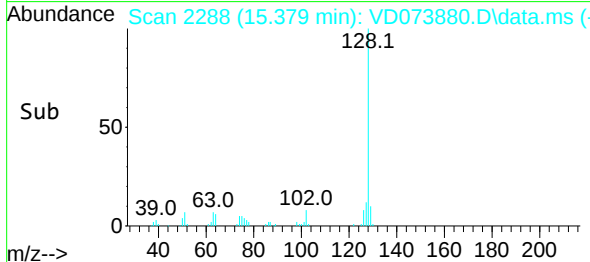
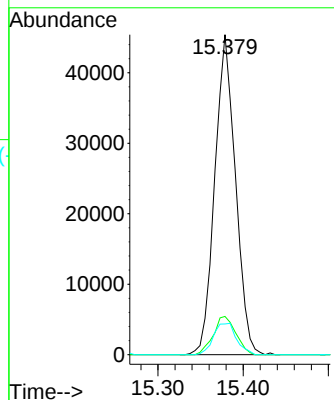
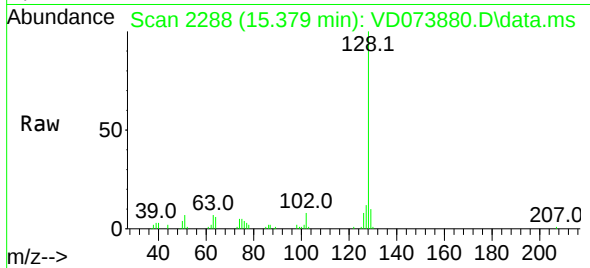




#95
Naphthalene
Concen: 21.635 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

Tgt Ion:	128	Resp:	76570
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	11.0	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 21.662 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073880.D
Acq: 20 Jul 2022 15:31

Tgt Ion:	180	Resp:	36262
Ion Ratio	Lower	Upper	
180	100		
182	93.5	47.6	142.9
145	33.7	17.1	51.3

