

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073874.D
 Acq On : 20 Jul 2022 10:25
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 20 16:18:15 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	160994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	263158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	241787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	123097	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	96549	50.222	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.440%	
35) Dibromofluoromethane	7.903	113	100943	54.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.740%	
50) Toluene-d8	10.326	98	371104	55.063	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.120%	
62) 4-Bromofluorobenzene	12.620	95	129269	55.786	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.580%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	83385	57.039	ug/l	95
3) Chloromethane	2.209	50	128503	54.213	ug/l	98
4) Vinyl Chloride	2.344	62	164963	44.459	ug/l	98
5) Bromomethane	2.762	94	105144	41.922	ug/l	98
6) Chloroethane	2.915	64	114154	45.643	ug/l	99
7) Trichlorofluoromethane	3.268	101	155449	46.849	ug/l	95
8) Diethyl Ether	3.709	74	40629	49.917	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.085	101	90209	48.997	ug/l	98
10) Methyl Iodide	4.291	142	102976	56.779	ug/l	97
11) Tert butyl alcohol	5.215	59	24481	232.804	ug/l	95
12) 1,1-Dichloroethene	4.062	96	84167	51.446	ug/l	90
13) Acrolein	3.921	56	24330	272.643	ug/l	94
14) Allyl chloride	4.709	41	113876	47.686	ug/l #	91
15) Acrylonitrile	5.409	53	83374	250.979	ug/l	97
16) Acetone	4.156	43	86056	272.800	ug/l	93
17) Carbon Disulfide	4.403	76	255993	48.969	ug/l	96
18) Methyl Acetate	4.709	43	39345	52.962	ug/l #	87
19) Methyl tert-butyl Ether	5.473	73	200018	51.040	ug/l	97
20) Methylene Chloride	4.950	84	96572	42.041	ug/l	88
21) trans-1,2-Dichloroethene	5.462	96	98403	50.878	ug/l	87
22) Diisopropyl ether	6.362	45	252536	49.694	ug/l #	90
23) Vinyl Acetate	6.297	43	715819	258.060	ug/l #	92
24) 1,1-Dichloroethane	6.256	63	163791	48.797	ug/l	96
25) 2-Butanone	7.203	43	113177	252.773	ug/l #	83
26) 2,2-Dichloropropane	7.203	77	156871	52.629	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	108887	50.008	ug/l	90
28) Bromochloromethane	7.538	49	65190	51.765	ug/l #	72
29) Tetrahydrofuran	7.556	42	68131	250.947	ug/l #	85
30) Chloroform	7.697	83	182064	49.278	ug/l	98
31) Cyclohexane	7.973	56	140678	46.053	ug/l #	86
32) 1,1,1-Trichloroethane	7.891	97	171403	49.866	ug/l	97
36) 1,1-Dichloropropene	8.103	75	138171	51.590	ug/l	95
37) Ethyl Acetate	7.285	43	49080	50.964	ug/l #	92
38) Carbon Tetrachloride	8.091	117	147627	48.265	ug/l	95
39) Methylcyclohexane	9.344	83	163311	52.310	ug/l	94
40) Benzene	8.338	78	379691	52.107	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	31123	52.005	ug/l	93
42) 1,2-Dichloroethane	8.414	62	111443	49.971	ug/l	97
43) Isopropyl Acetate	8.444	43	99717	51.813	ug/l #	92
44) Trichloroethene	9.103	130	107807	53.012	ug/l	94
45) 1,2-Dichloropropane	9.379	63	88432	50.209	ug/l	99
46) Dibromomethane	9.467	93	55624	52.067	ug/l	97
47) Bromodichloromethane	9.650	83	140562	50.817	ug/l	97
48) Methyl methacrylate	9.450	41	47212	50.035	ug/l #	79
49) 1,4-Dioxane	9.456	88	11383	1018.324	ug/l	90
51) 4-Methyl-2-Pentanone	10.214	43	248662	258.446	ug/l	94
52) Toluene	10.391	92	254671	51.930	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	129248	52.929	ug/l	94
54) cis-1,3-Dichloropropene	10.079	75	150597	53.299	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	70472	51.858	ug/l	96
56) Ethyl methacrylate	10.650	69	84591	53.768	ug/l	87
57) 1,3-Dichloropropane	10.932	76	117418	50.806	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	178792	212.528	ug/l	91
59) 2-Hexanone	10.973	43	179127	272.465	ug/l	95
60) Dibromochloromethane	11.126	129	94823	51.508	ug/l	100
61) 1,2-Dibromoethane	11.232	107	71541	52.032	ug/l	98
64) Tetrachloroethene	10.861	164	94690	58.719	ug/l	97
65) Chlorobenzene	11.655	112	270168	54.253	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	101333	53.545	ug/l	100
67) Ethyl Benzene	11.732	91	488860	53.170	ug/l	97
68) m/p-Xylenes	11.844	106	395084	109.937	ug/l	97
69) o-Xylene	12.167	106	186575	55.453	ug/l	92
70) Styrene	12.179	104	316086	54.951	ug/l	98
71) Bromoform	12.349	173	56432	55.107	ug/l #	97
73) Isopropylbenzene	12.467	105	491396	52.706	ug/l	98
74) N-amyl acetate	12.273	43	95026	51.671	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	82579	51.244	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	101977	77.210	ug/l #	100
77) Bromobenzene	12.744	156	109660	52.923	ug/l	86
78) n-propylbenzene	12.808	91	595397	52.348	ug/l	97
79) 2-Chlorotoluene	12.891	91	338048	52.981	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	422367	53.742	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	24958	50.991	ug/l	87
82) 4-Chlorotoluene	12.991	91	350272	51.911	ug/l	97
83) tert-Butylbenzene	13.208	119	362444	53.939	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	415788	53.116	ug/l	99
85) sec-Butylbenzene	13.385	105	548897	54.172	ug/l	98
86) p-Isopropyltoluene	13.496	119	459018	53.800	ug/l	98
87) 1,3-Dichlorobenzene	13.496	146	233239	53.753	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	225325	52.534	ug/l	98
89) n-Butylbenzene	13.826	91	434067	53.584	ug/l	99
90) Hexachloroethane	14.091	117	76404	45.318	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	195435	52.132	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	13798	50.989	ug/l	87
93) 1,2,4-Trichlorobenzene	15.138	180	119587	52.252	ug/l	99
94) Hexachlorobutadiene	15.243	225	64366	53.068	ug/l	98
95) Naphthalene	15.379	128	225658	54.854	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	102774	52.817	ug/l	99

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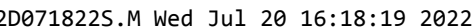
Instrument :
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ClientSampleId :
VSTDCCC050

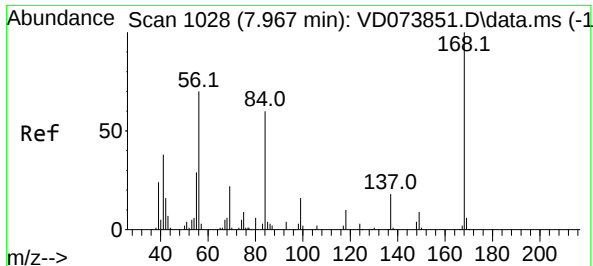
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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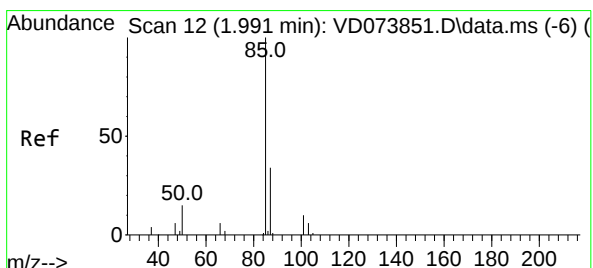
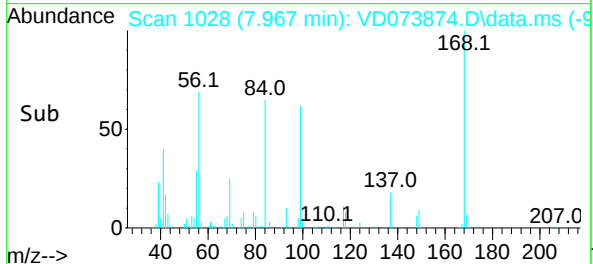
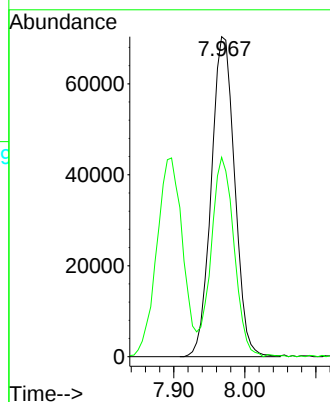
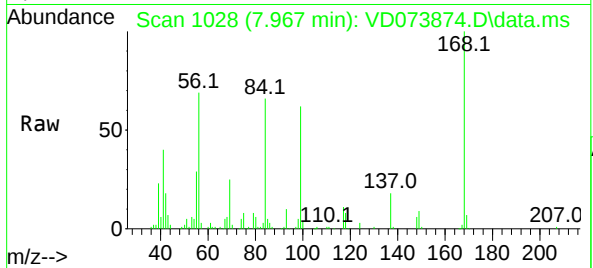




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073874.D
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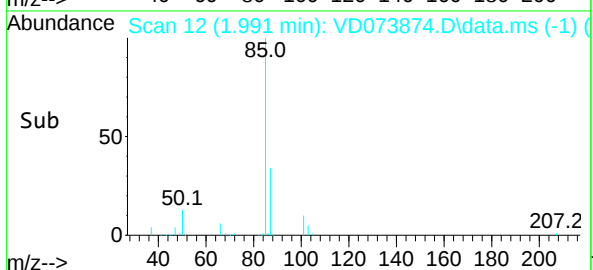
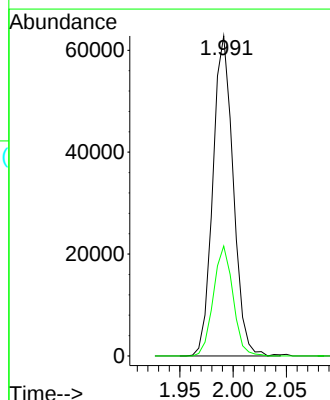
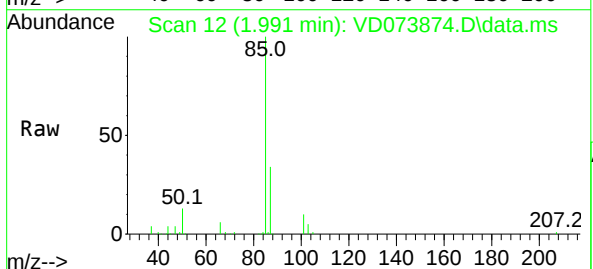
Instrument :
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ClientSampleId :
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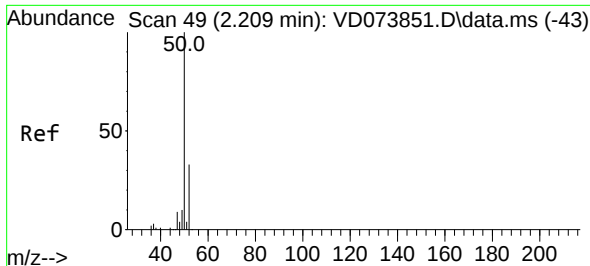
Tgt Ion:168 Resp: 160994
Ion Ratio Lower Upper
168 100
99 62.0 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 57.039 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 85 Resp: 83385
Ion Ratio Lower Upper
85 100
87 34.3 15.7 47.0

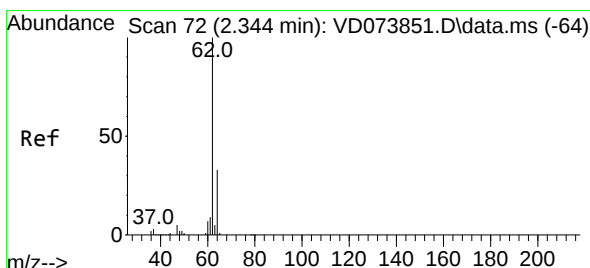
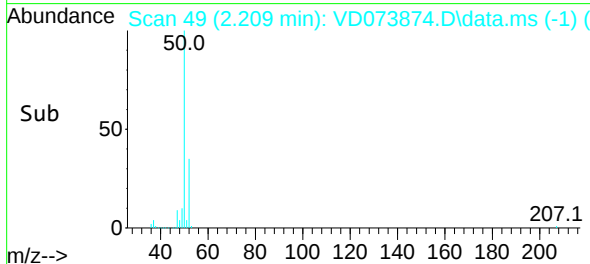
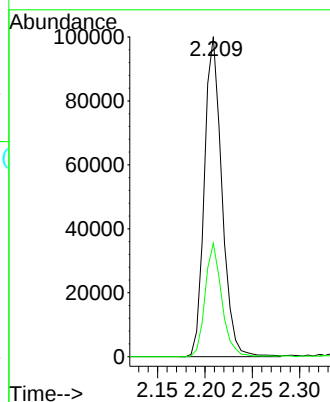
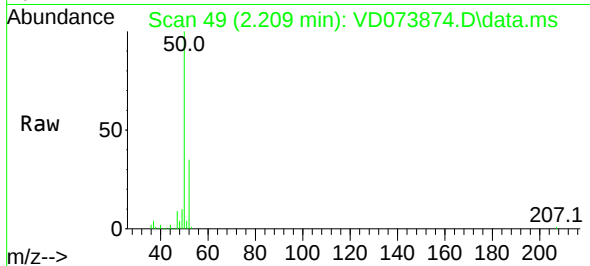




#3
Chloromethane
Concen: 54.213 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

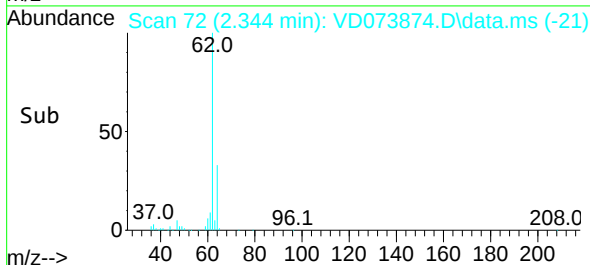
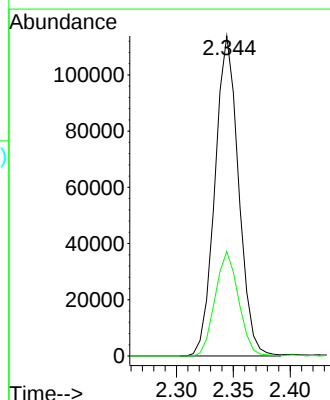
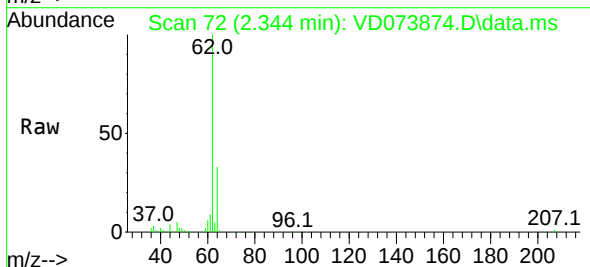
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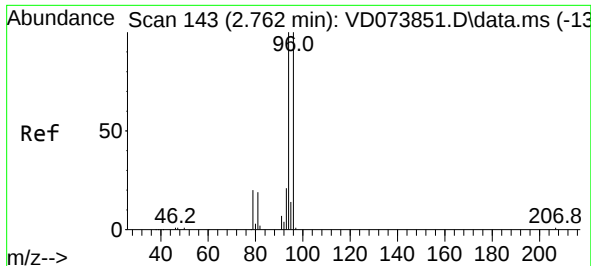
Tgt Ion: 50 Resp: 128503
Ion Ratio Lower Upper
50 100
52 35.5 27.4 41.0



#4
Vinyl Chloride
Concen: 44.459 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 62 Resp: 164963
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0

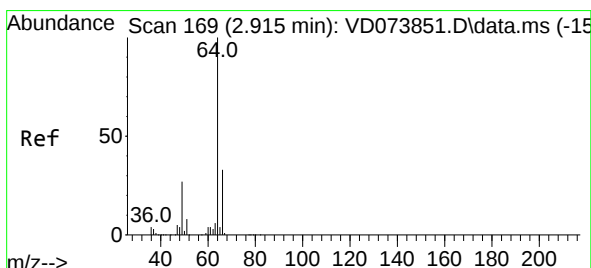
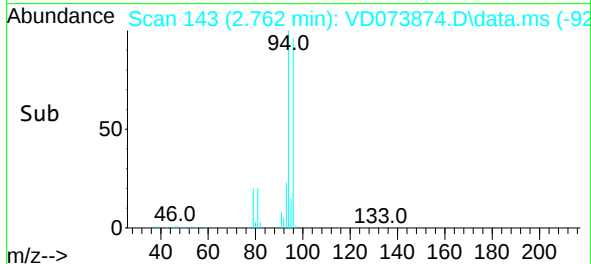
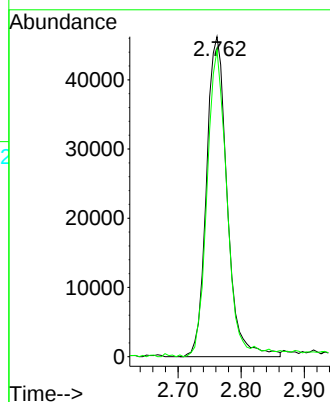
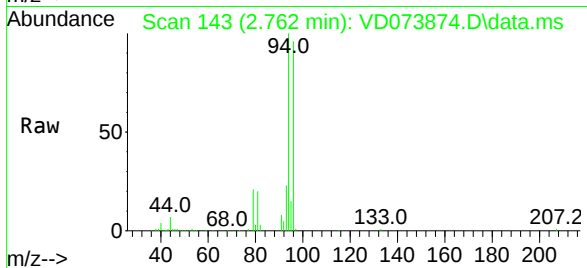




#5
Bromomethane
Concen: 41.922 ug/l
RT: 2.762 min Scan# 143
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

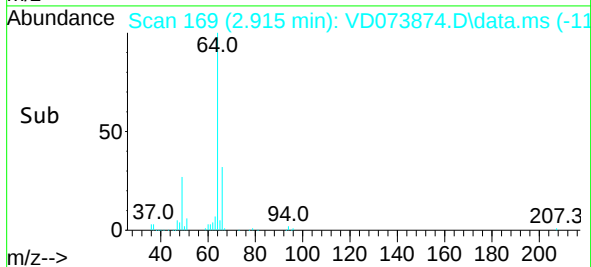
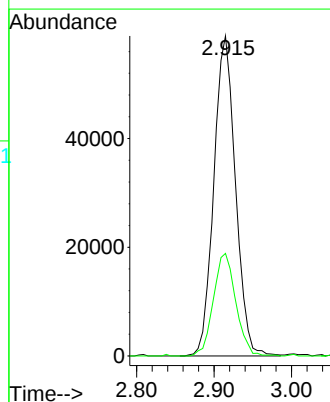
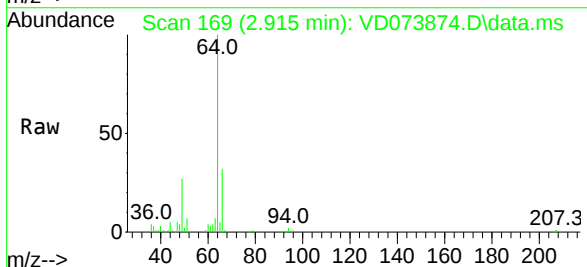
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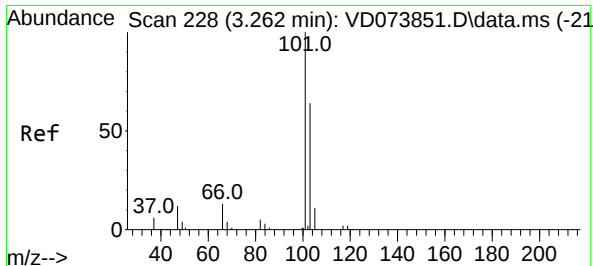
Tgt Ion: 94 Resp: 105144
Ion Ratio Lower Upper
94 100
96 95.4 77.6 116.4



#6
Chloroethane
Concen: 45.643 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 64 Resp: 114154
Ion Ratio Lower Upper
64 100
66 32.1 25.9 38.9

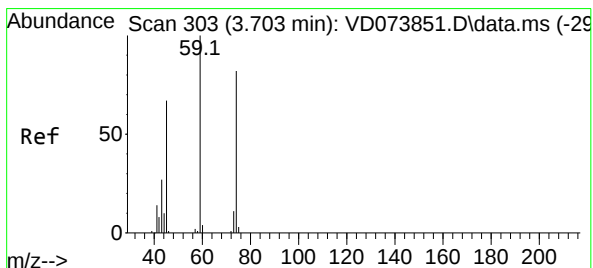
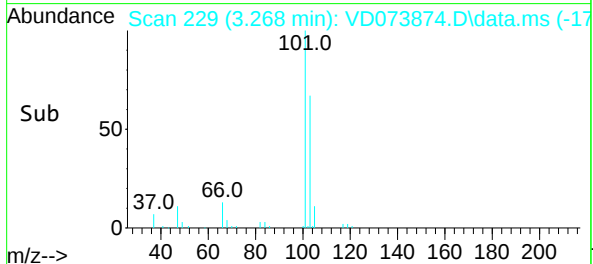
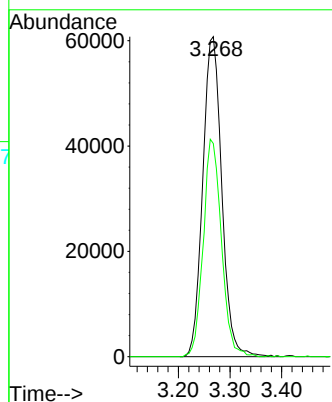
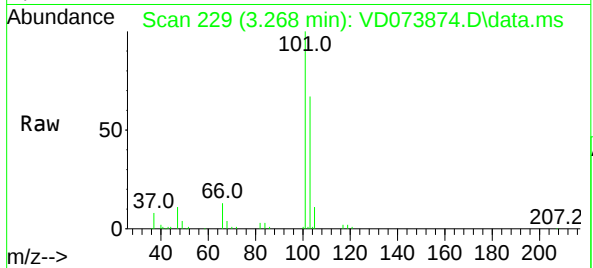




#7
Trichlorofluoromethane
Concen: 46.849 ug/l
RT: 3.268 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

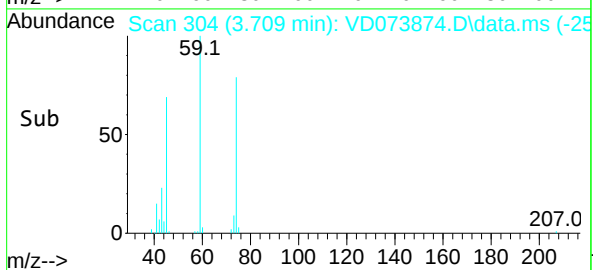
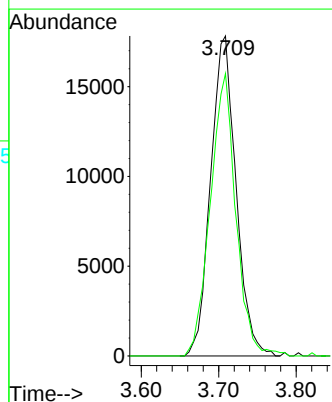
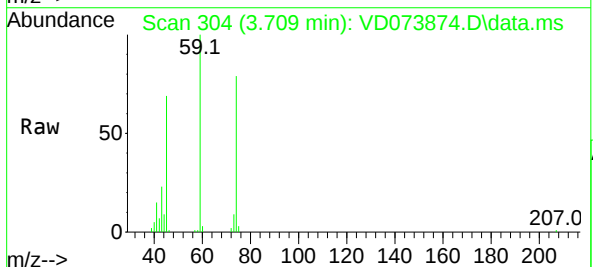
Instrument :
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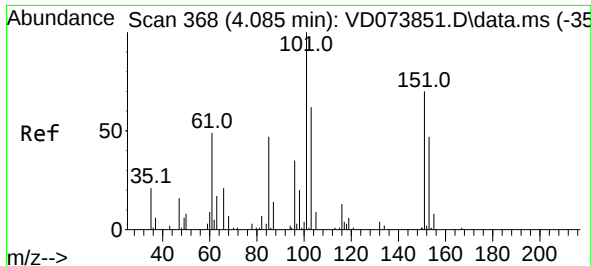
Tgt Ion:101 Resp: 155449
Ion Ratio Lower Upper
101 100
103 66.6 50.1 75.1



#8
Diethyl Ether
Concen: 49.917 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 74 Resp: 40629
Ion Ratio Lower Upper
74 100
45 88.9 52.6 157.8

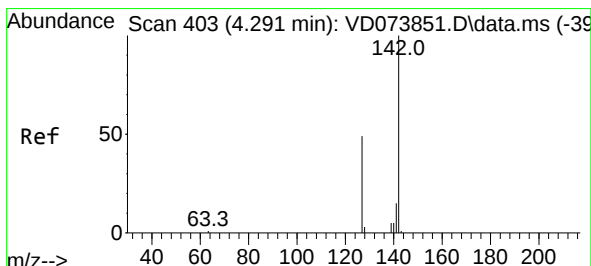
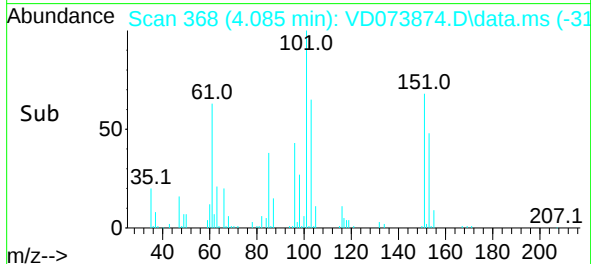
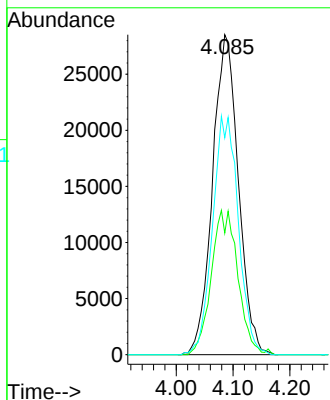
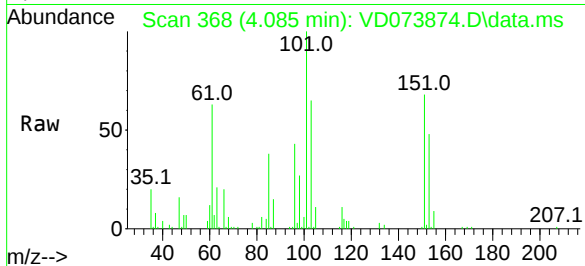




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.997 ug/l
RT: 4.085 min Scan# 368
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

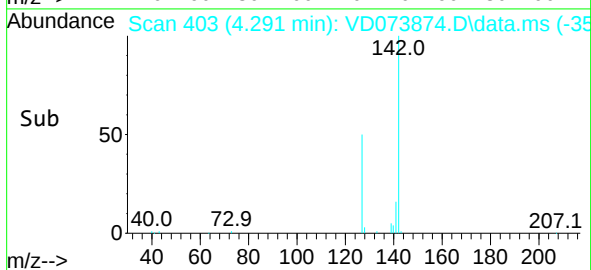
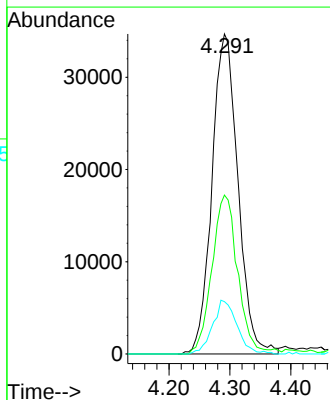
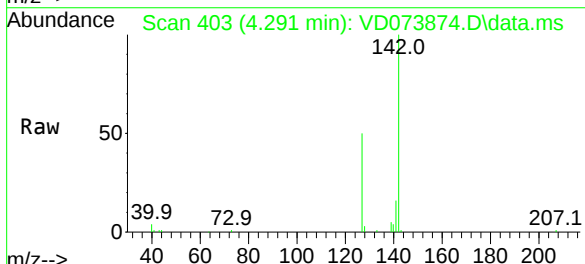
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

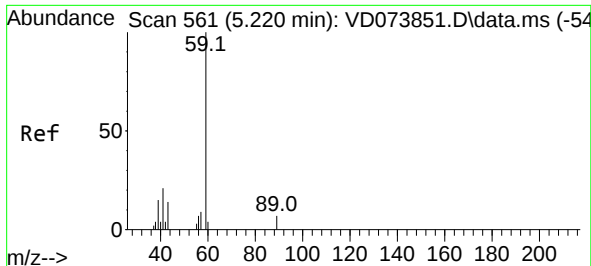
Tgt Ion:101 Resp: 90209
Ion Ratio Lower Upper
101 100
85 46.2 36.4 54.6
151 74.4 57.3 85.9



#10
Methyl Iodide
Concen: 56.779 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion:142 Resp: 102976
Ion Ratio Lower Upper
142 100
127 48.9 37.3 55.9
141 15.5 11.7 17.5

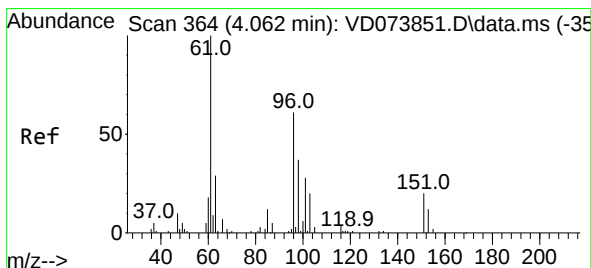
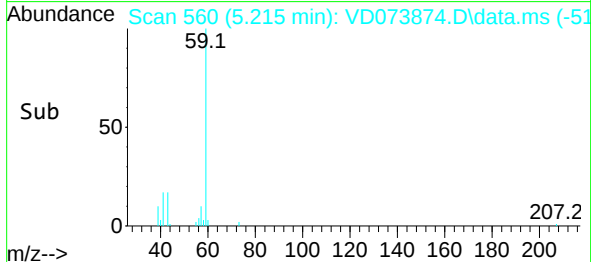
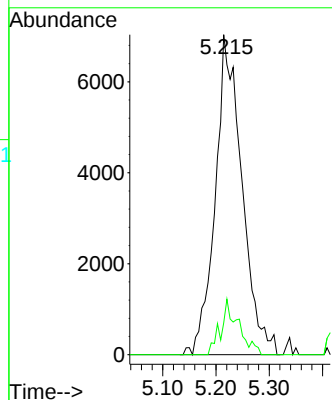
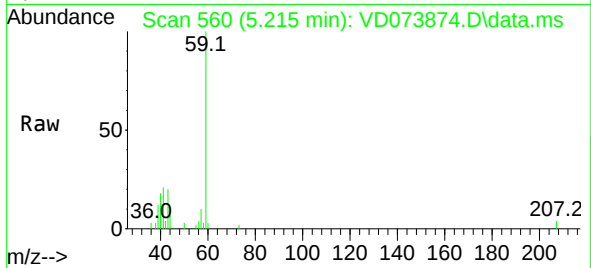




#11
Tert butyl alcohol
Concen: 232.804 ug/l
RT: 5.215 min Scan# 50
Delta R.T. -0.005 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

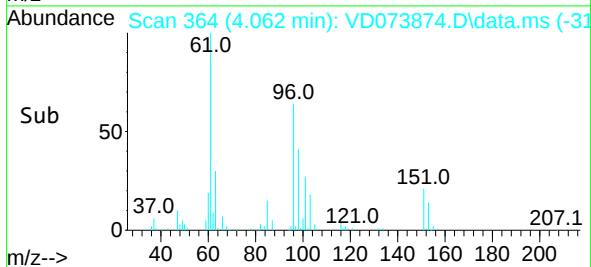
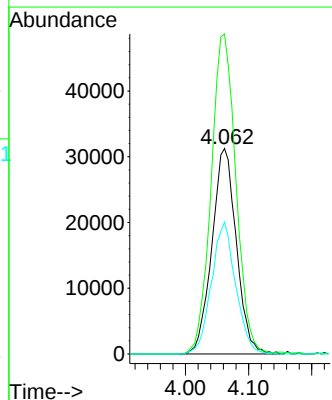
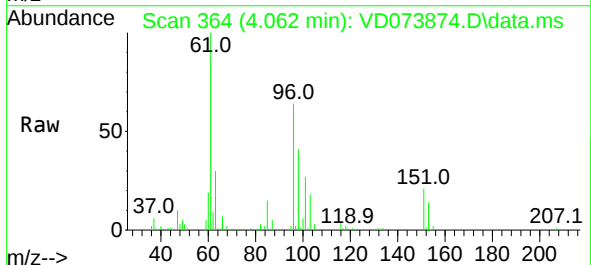
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

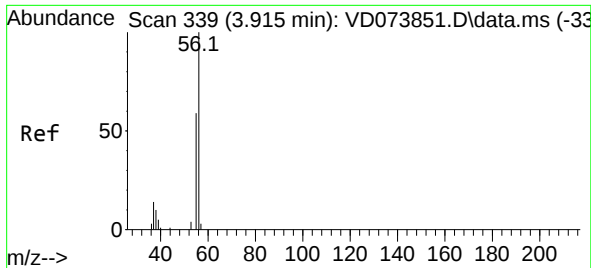
Tgt Ion: 59 Resp: 24481
Ion Ratio Lower Upper
59 100
57 11.6 7.8 11.6



#12
1,1-Dichloroethene
Concen: 51.446 ug/l
RT: 4.062 min Scan# 364
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 96 Resp: 84167
Ion Ratio Lower Upper
96 100
61 155.7 138.5 207.7
98 64.3 48.6 73.0





#13

Acrolein

Concen: 272.643 ug/l

RT: 3.921 min Scan# 34

Delta R.T. 0.006 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

Instrument :

MSVOA_D

ClientSampleId :

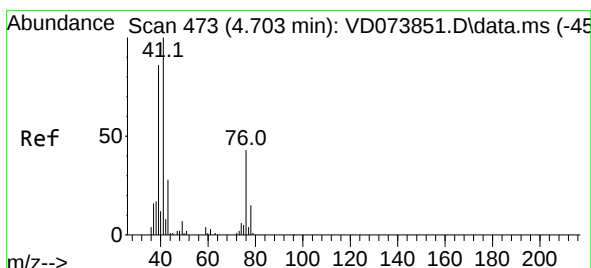
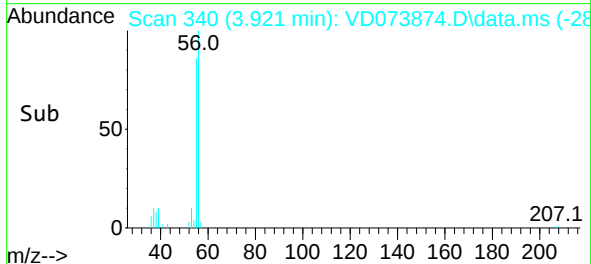
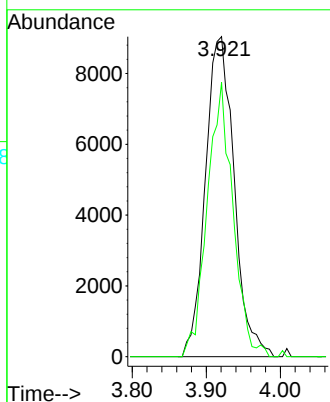
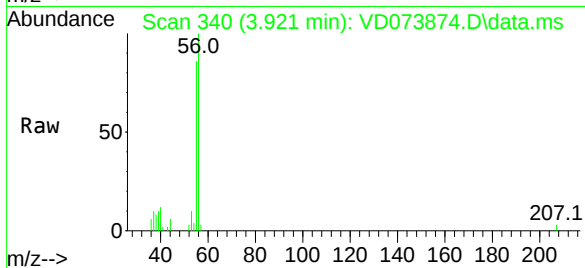
VSTDCCC050

Tgt Ion: 56 Resp: 24330

Ion Ratio Lower Upper

56 100

55 76.7 57.1 85.7



#14

Allyl chloride

Concen: 47.686 ug/l

RT: 4.709 min Scan# 474

Delta R.T. 0.006 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

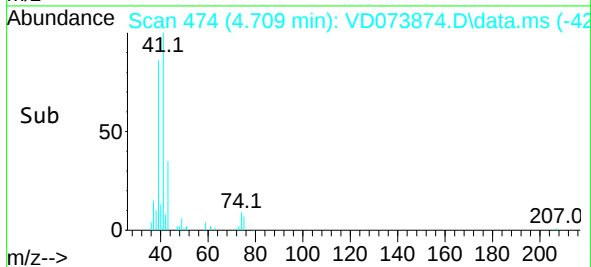
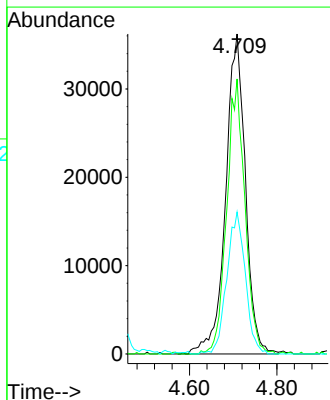
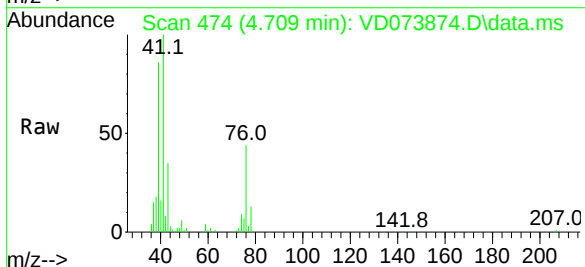
Tgt Ion: 41 Resp: 113876

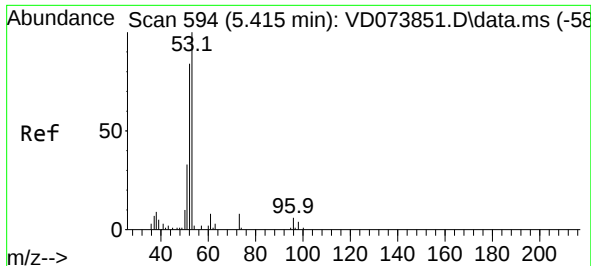
Ion Ratio Lower Upper

41 100

39 79.3 59.3 88.9

76 41.5 25.7 38.5#

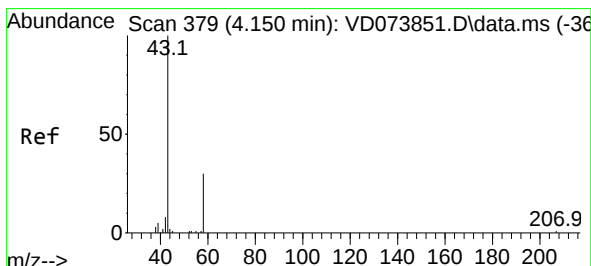
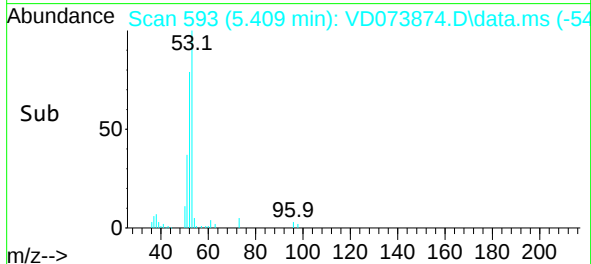
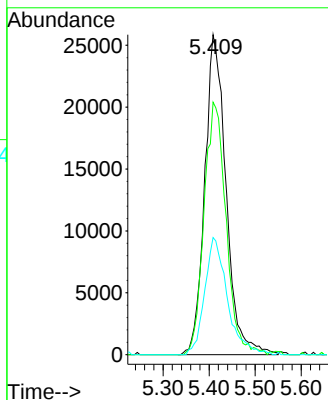
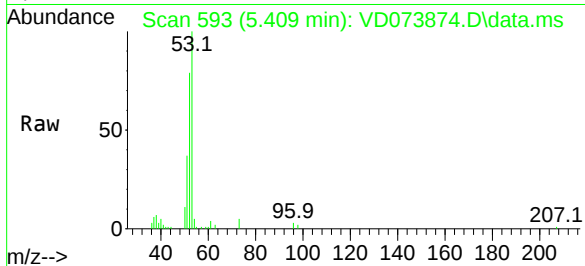




#15
Acrylonitrile
Concen: 250.979 ug/l
RT: 5.409 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

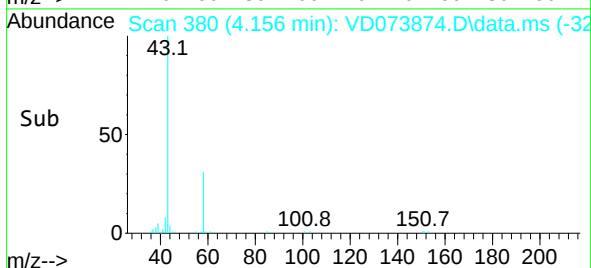
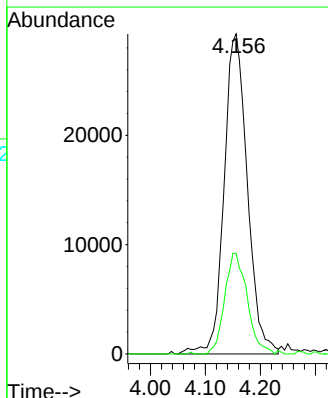
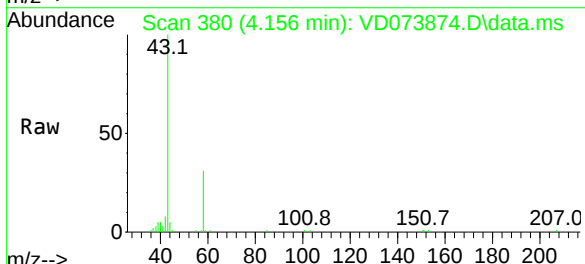
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

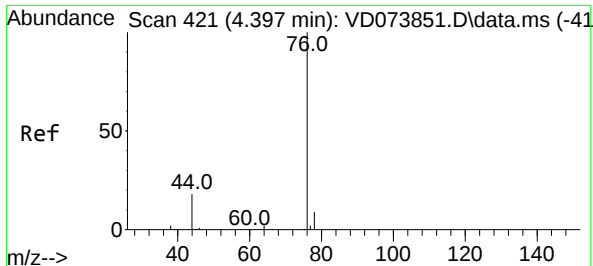
Tgt Ion: 53 Resp: 83374
Ion Ratio Lower Upper
53 100
52 81.4 67.2 100.8
51 39.0 30.3 45.5



#16
Acetone
Concen: 272.800 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 43 Resp: 86056
Ion Ratio Lower Upper
43 100
58 31.5 22.1 33.1

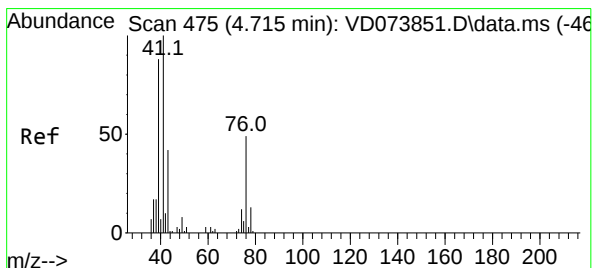
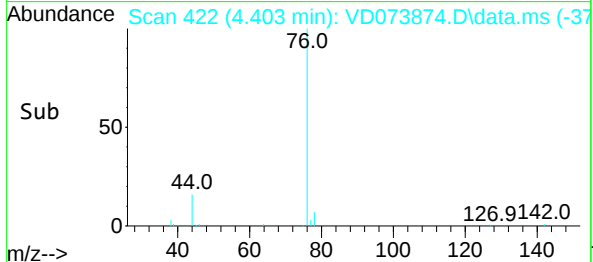
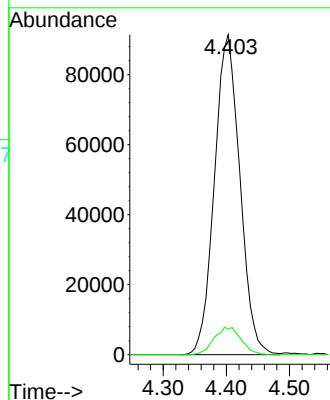
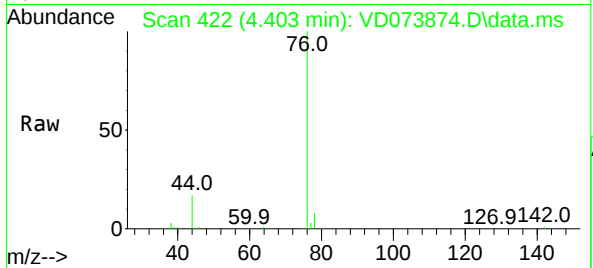




#17
Carbon Disulfide
Concen: 48.969 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

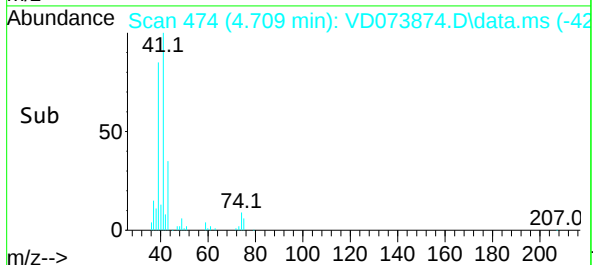
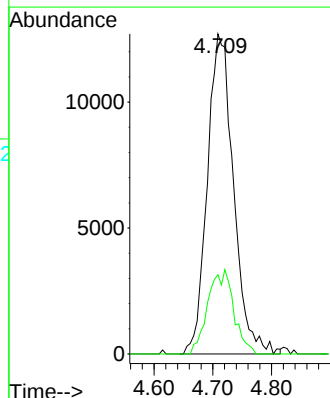
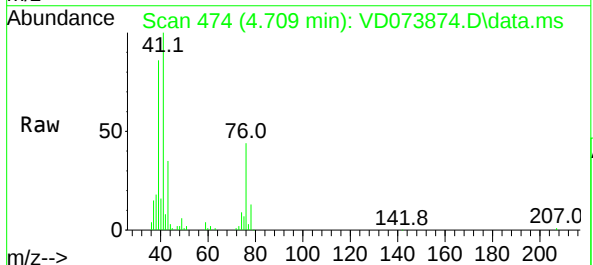
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

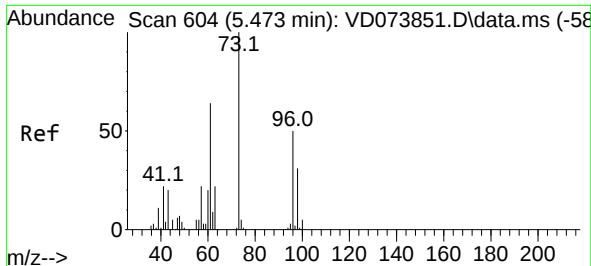
Tgt Ion: 76 Resp: 255993
Ion Ratio Lower Upper
76 100
78 8.0 7.5 11.3



#18
Methyl Acetate
Concen: 52.962 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 43 Resp: 39345
Ion Ratio Lower Upper
43 100
74 14.7 16.7 25.1#

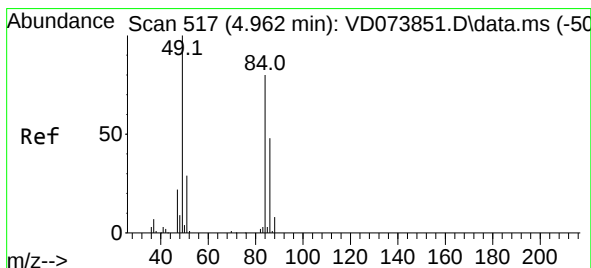
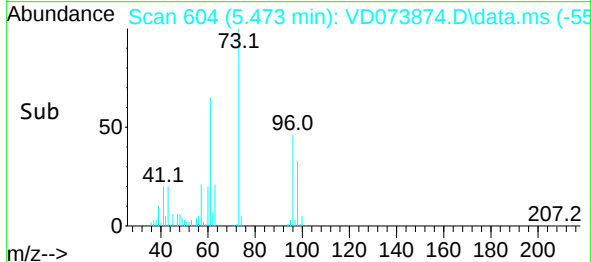
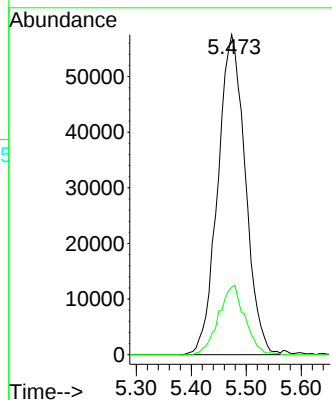
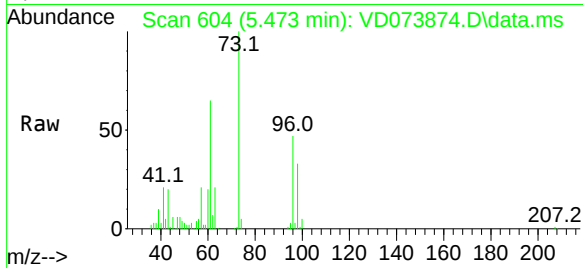




#19
Methyl tert-butyl Ether
Concen: 51.040 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

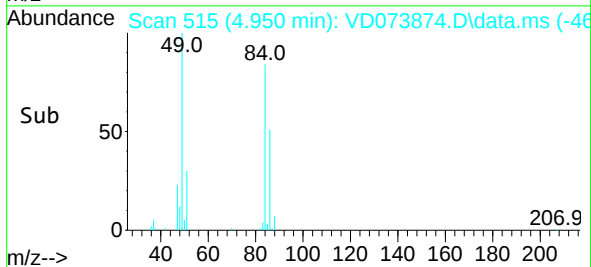
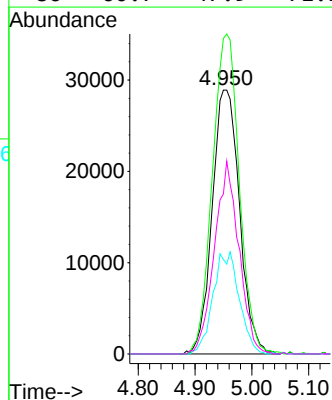
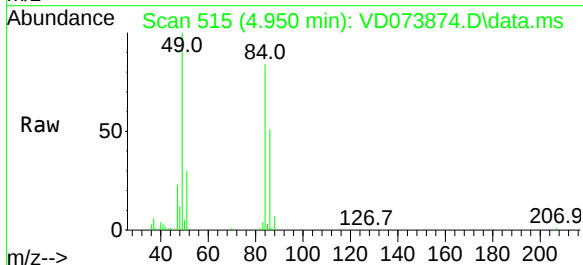
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

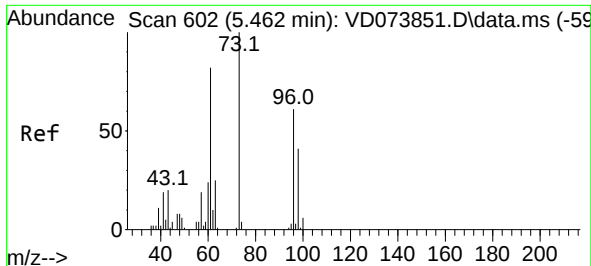
Tgt Ion: 73 Resp: 200018
Ion Ratio Lower Upper
73 100
57 21.1 18.0 27.0



#20
Methylene Chloride
Concen: 42.041 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 84 Resp: 96572
Ion Ratio Lower Upper
84 100
49 119.5 112.8 169.2
51 35.8 32.6 48.8
86 60.7 47.9 71.9

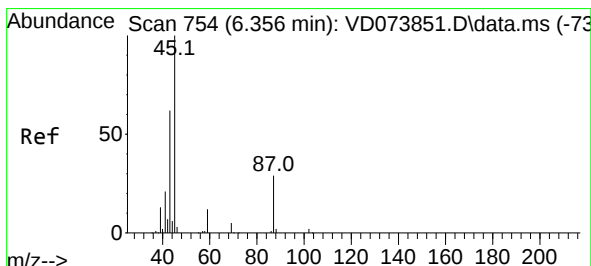
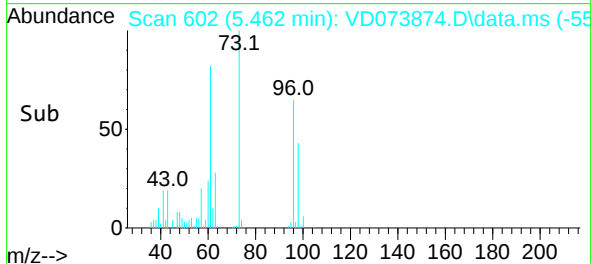
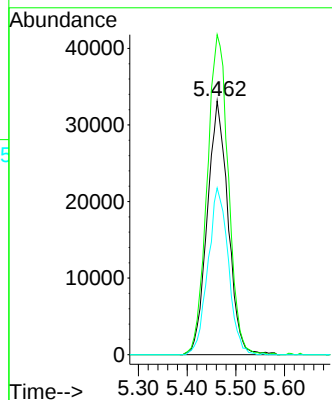
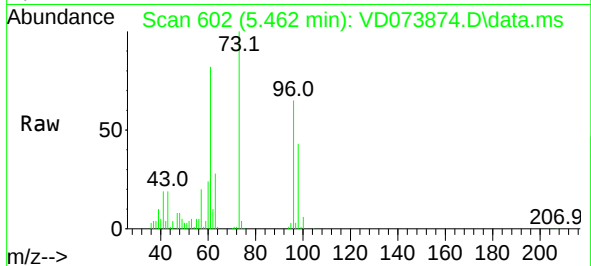




#21
trans-1,2-Dichloroethene
Concen: 50.878 ug/l
RT: 5.462 min Scan# 602
Delta R.T. -0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

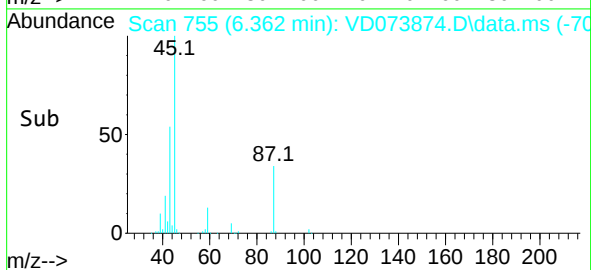
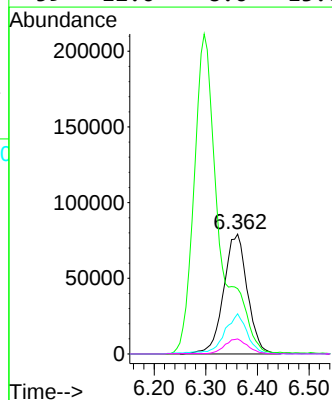
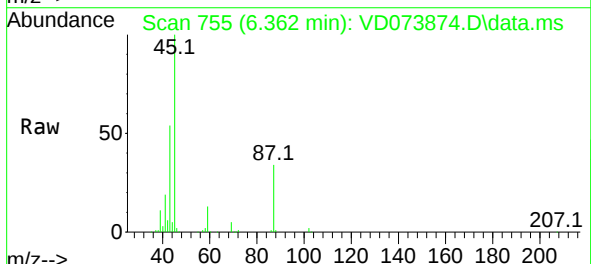
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

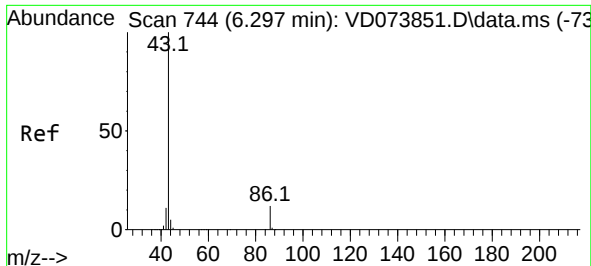
Tgt Ion: 96 Resp: 98403
Ion Ratio Lower Upper
96 100
61 126.1 117.9 176.9
98 65.7 49.4 74.2



#22
Diisopropyl ether
Concen: 49.694 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 45 Resp: 252536
Ion Ratio Lower Upper
45 100
43 53.0 46.6 70.0
87 33.5 18.4 27.6#
59 12.6 8.6 13.0

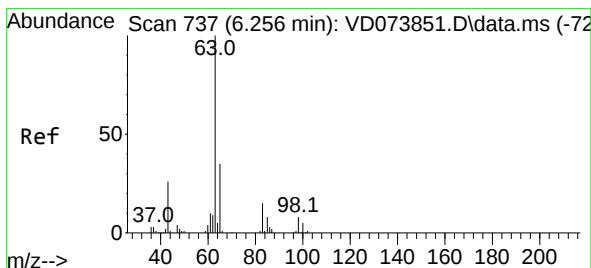
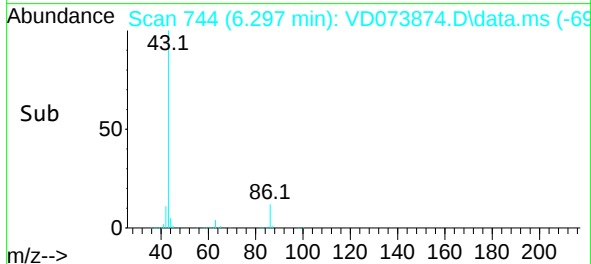
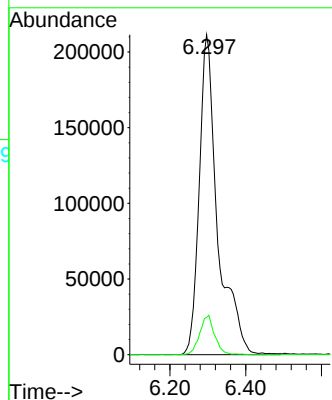
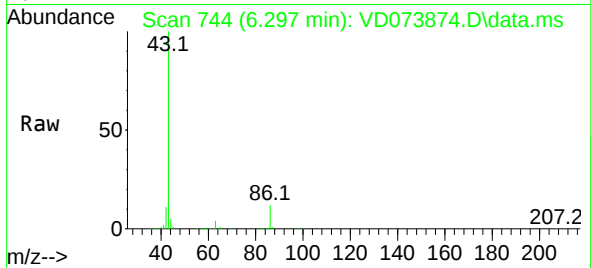




#23
 Vinyl Acetate
 Concen: 258.060 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073874.D
 Acq: 20 Jul 2022 10:25

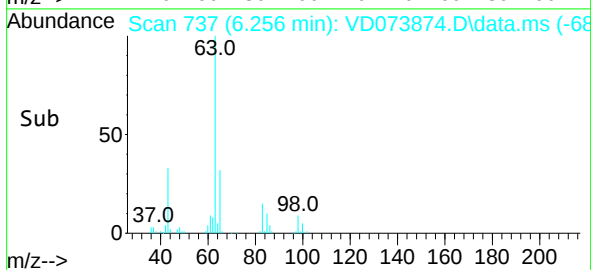
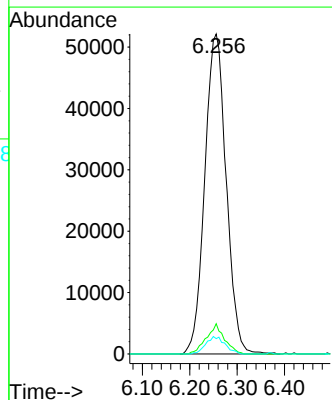
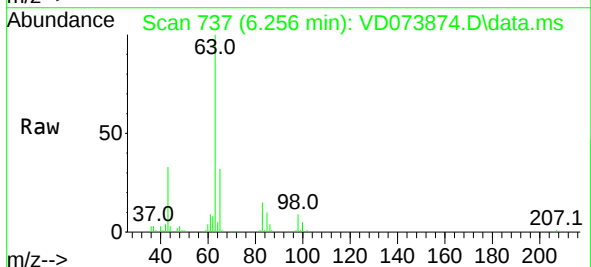
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

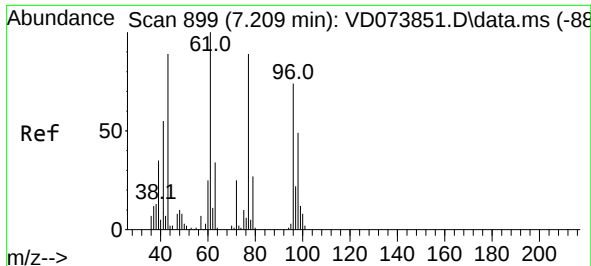
Tgt Ion: 43 Resp: 715819
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 48.797 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: VD073874.D
 Acq: 20 Jul 2022 10:25

Tgt Ion: 63 Resp: 163791
 Ion Ratio Lower Upper
 63 100
 98 9.4 3.6 10.9
 100 4.8 2.1 6.5

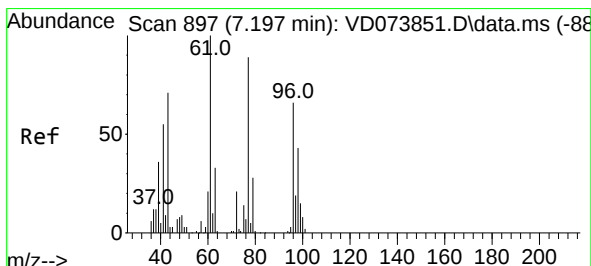
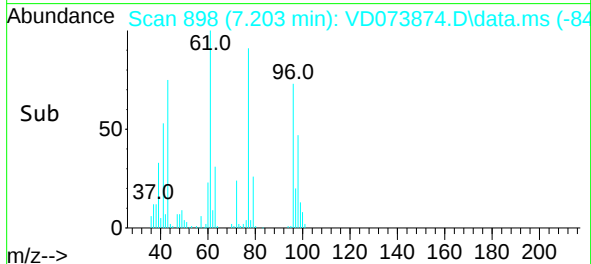
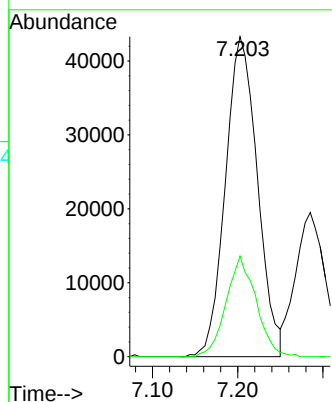
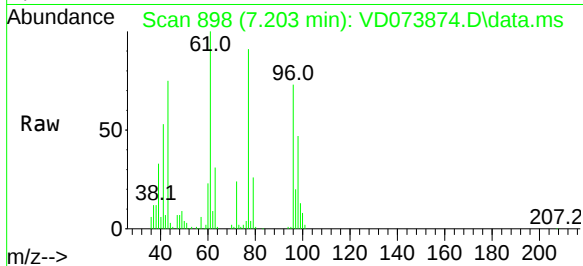




#25
2-Butanone
Concen: 252.773 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

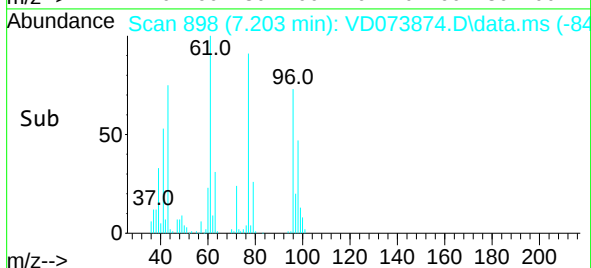
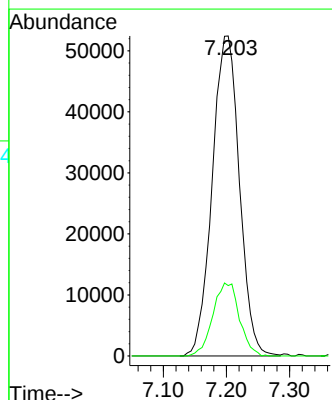
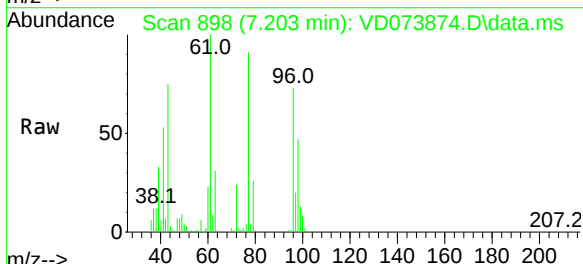
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

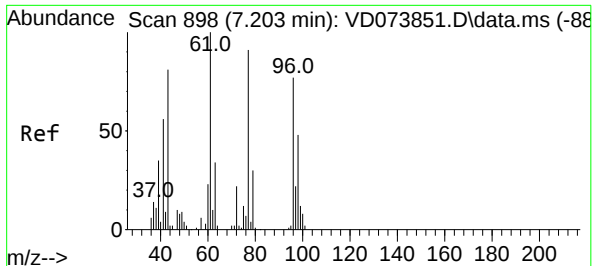
Tgt Ion: 43 Resp: 113177
Ion Ratio Lower Upper
43 100
72 31.4 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 52.629 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 77 Resp: 156871
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.4

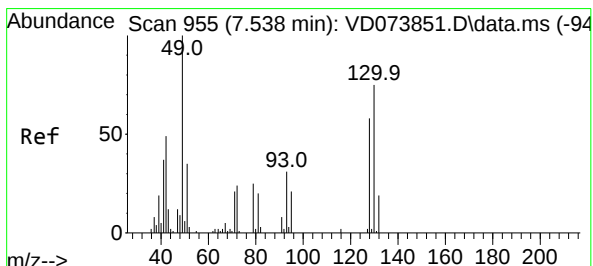
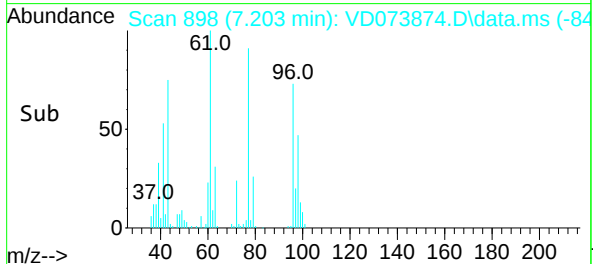
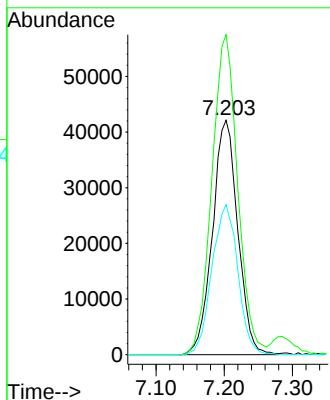
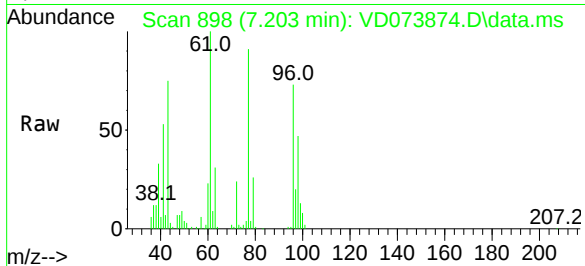




#27
 cis-1,2-Dichloroethene
 Concen: 50.008 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. 0.000 min
 Lab File: VD073874.D
 Acq: 20 Jul 2022 10:25

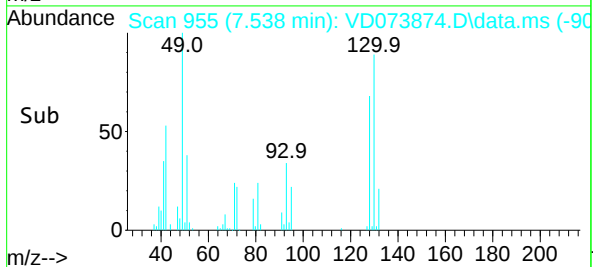
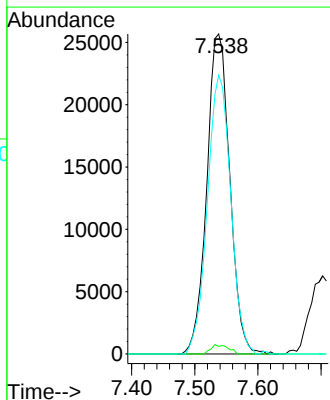
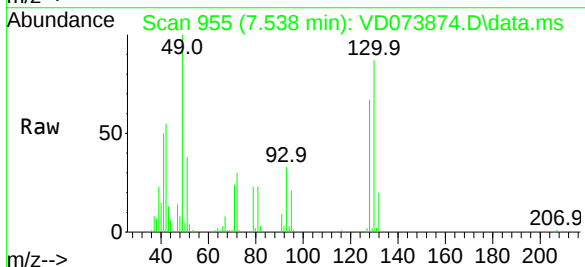
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

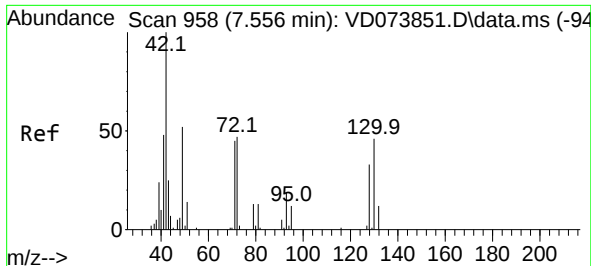
Tgt Ion: 96 Resp: 108887
 Ion Ratio Lower Upper
 96 100
 61 139.2 0.0 313.8
 98 65.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 51.765 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. 0.000 min
 Lab File: VD073874.D
 Acq: 20 Jul 2022 10:25

Tgt Ion: 49 Resp: 65190
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 88.3 52.6 79.0#





#29

Tetrahydrofuran

Concen: 250.947 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

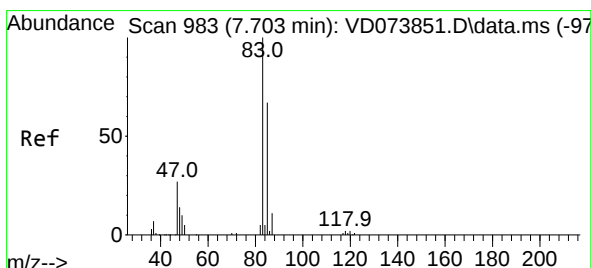
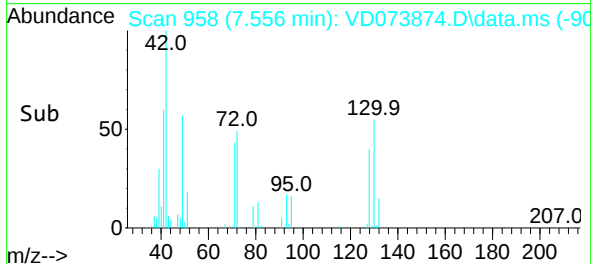
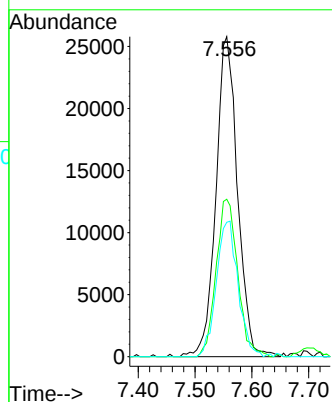
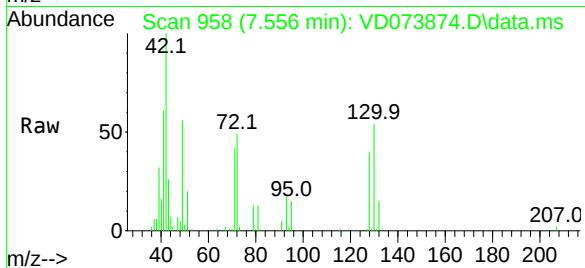
Tgt Ion: 42 Resp: 68131

Ion Ratio Lower Upper

42 100

72 49.2 30.7 46.1#

71 42.6 28.6 43.0



#30

Chloroform

Concen: 49.278 ug/l

RT: 7.697 min Scan# 982

Delta R.T. -0.006 min

Lab File: VD073874.D

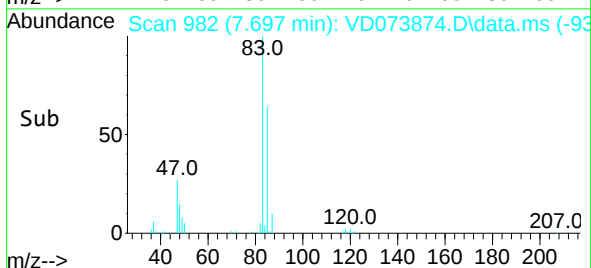
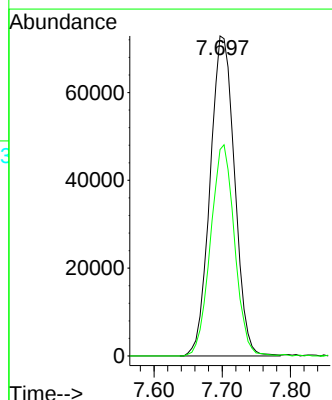
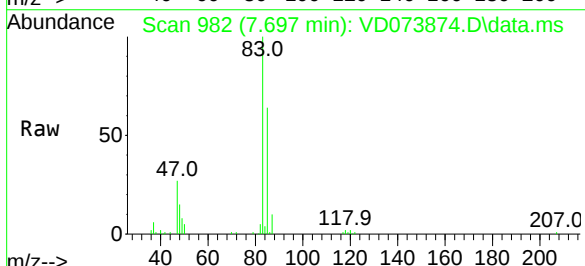
Acq: 20 Jul 2022 10:25

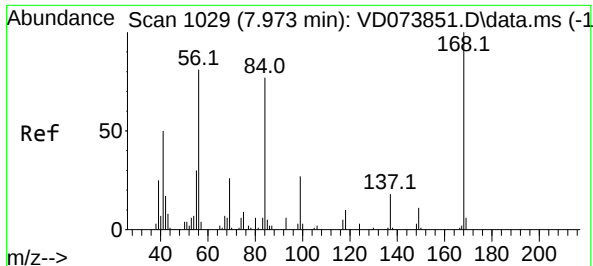
Tgt Ion: 83 Resp: 182064

Ion Ratio Lower Upper

83 100

85 64.5 52.7 79.1





#31

Cyclohexane

Concen: 46.053 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.000 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

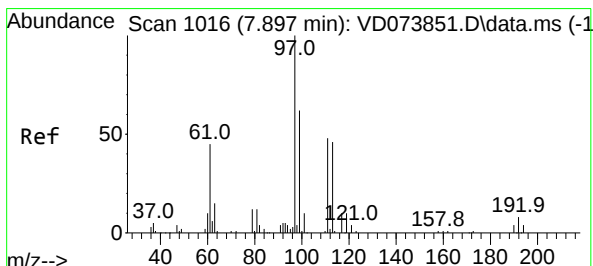
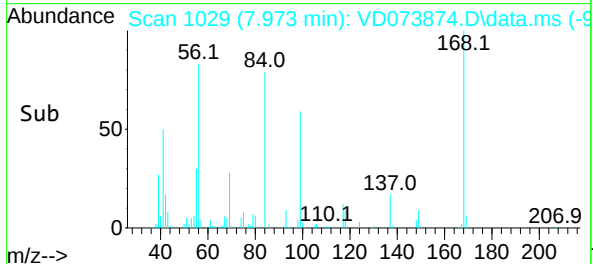
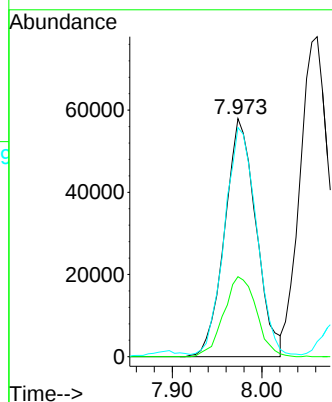
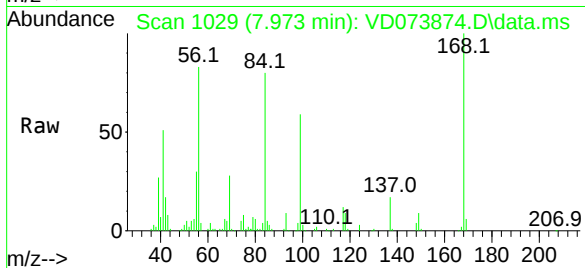
Tgt Ion: 56 Resp: 140678

Ion Ratio Lower Upper

56 100

69 33.6 25.4 38.2

84 94.6 63.0 94.4#



#32

1,1,1-Trichloroethane

Concen: 49.866 ug/l

RT: 7.891 min Scan# 1015

Delta R.T. -0.006 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

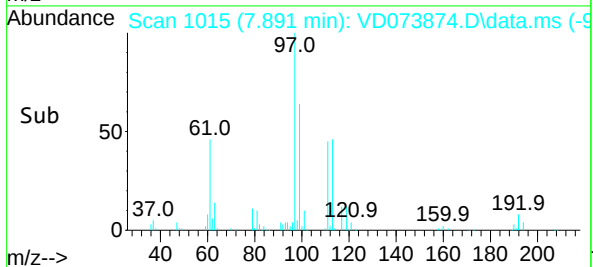
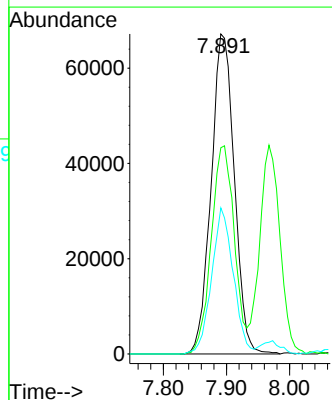
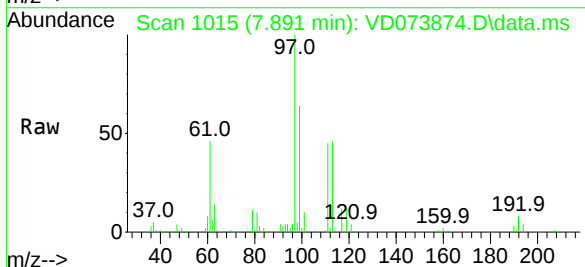
Tgt Ion: 97 Resp: 171403

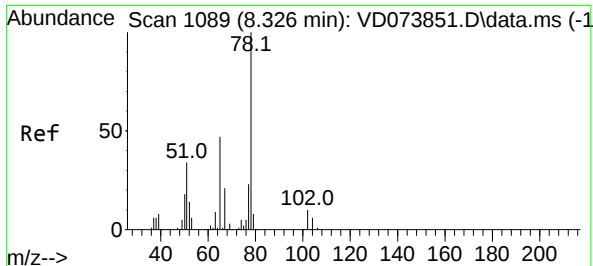
Ion Ratio Lower Upper

97 100

99 64.9 52.4 78.6

61 42.7 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 50.222 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

Instrument :

MSVOA_D

ClientSampleId :

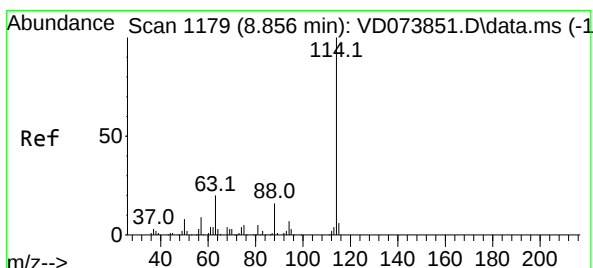
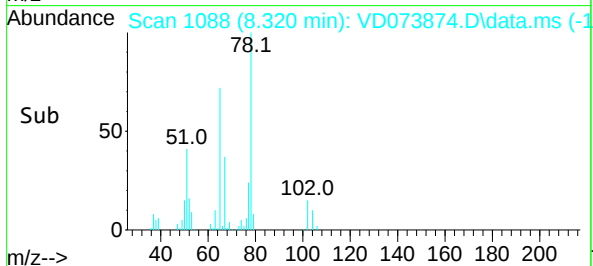
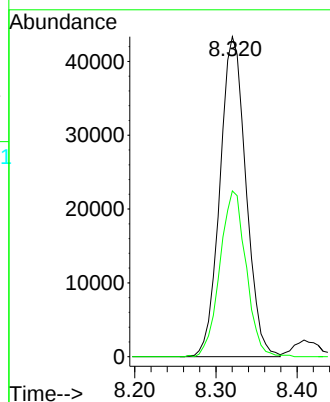
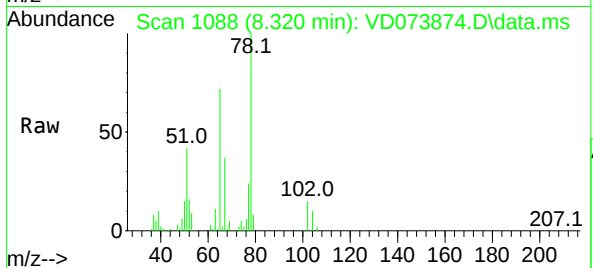
VSTDCCC050

Tgt Ion: 65 Resp: 96549

Ion Ratio Lower Upper

65 100

67 52.1 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: VD073874.D

Acq: 20 Jul 2022 10:25

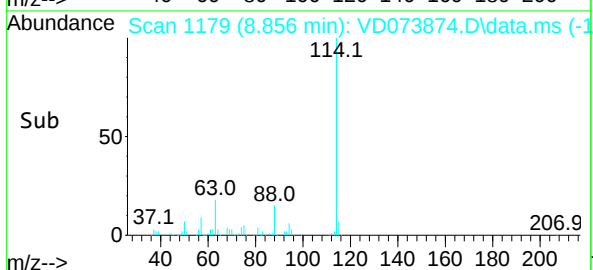
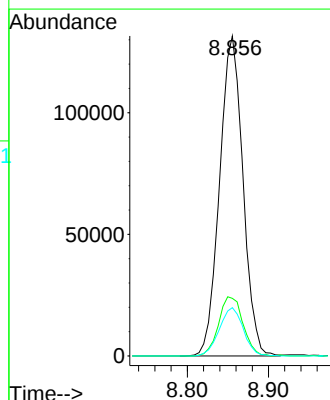
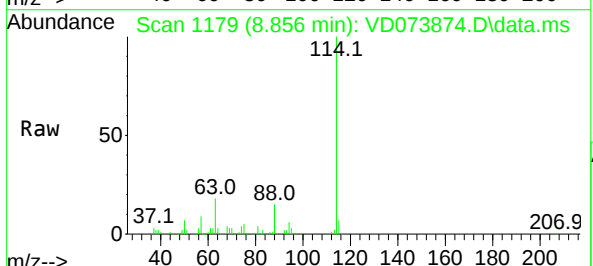
Tgt Ion: 114 Resp: 263158

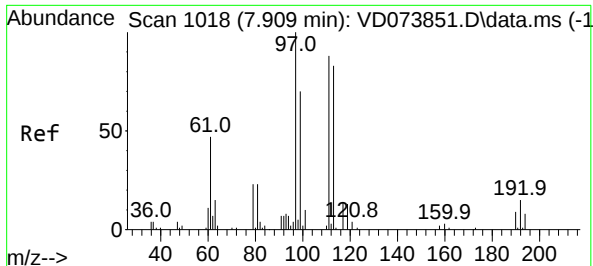
Ion Ratio Lower Upper

114 100

63 18.0 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.372 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

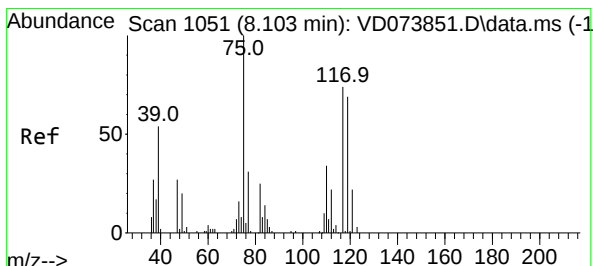
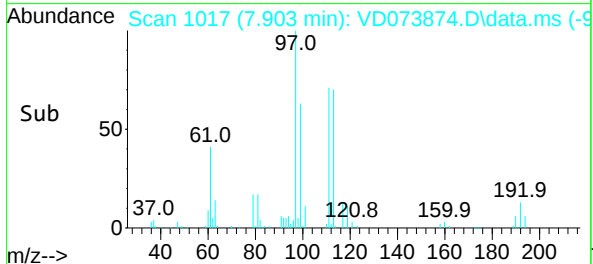
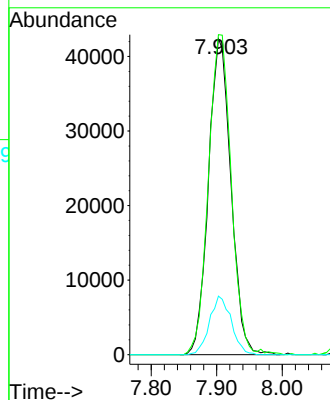
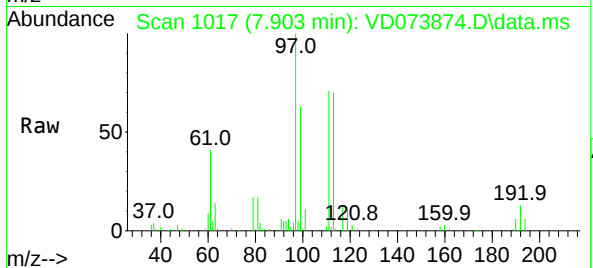
Tgt Ion:113 Resp: 100943

Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 17.9 14.6 21.8



#36

1,1-Dichloropropene

Concen: 51.590 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

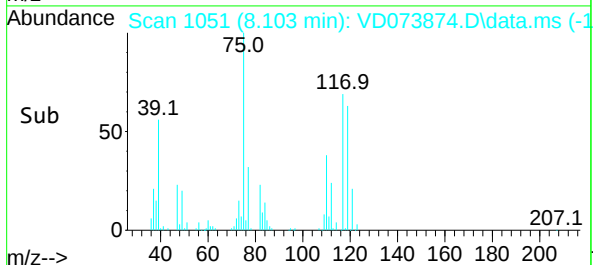
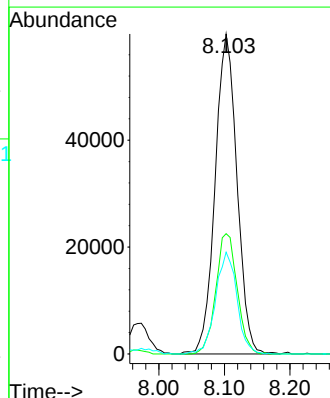
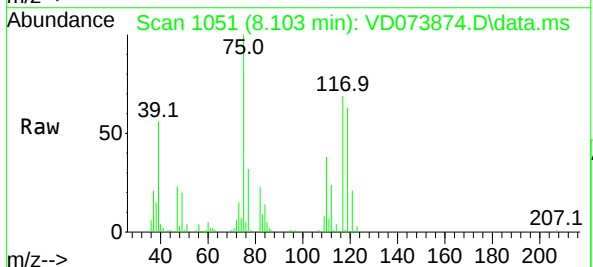
Tgt Ion: 75 Resp: 138171

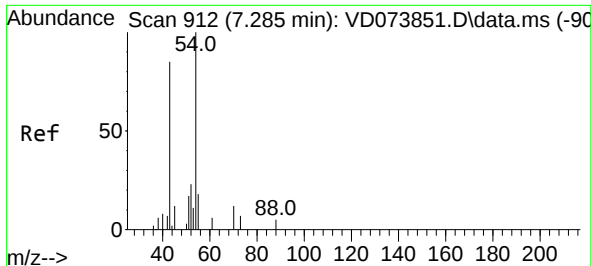
Ion Ratio Lower Upper

75 100

110 36.7 16.4 49.1

77 31.1 24.2 36.2

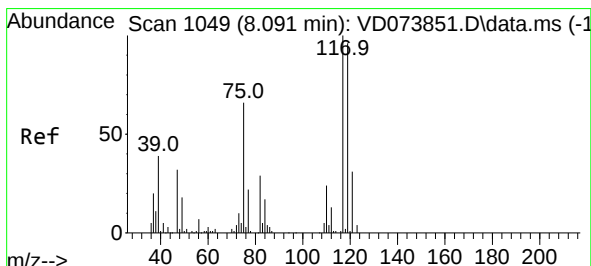
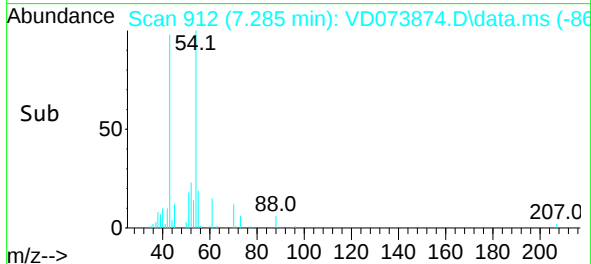
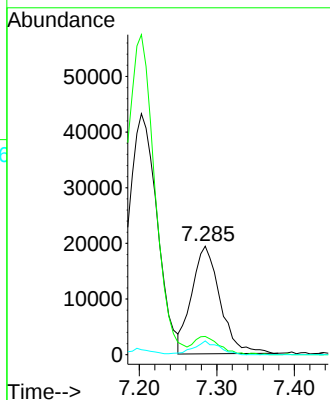
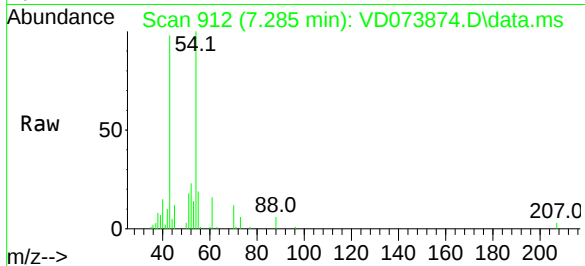




#37
Ethyl Acetate
Concen: 50.964 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

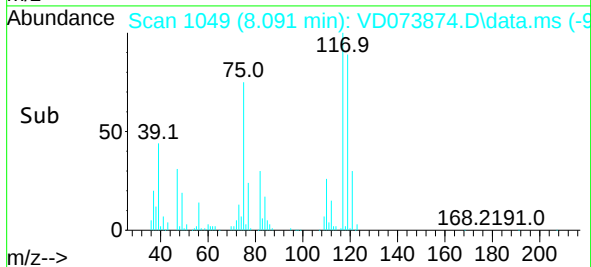
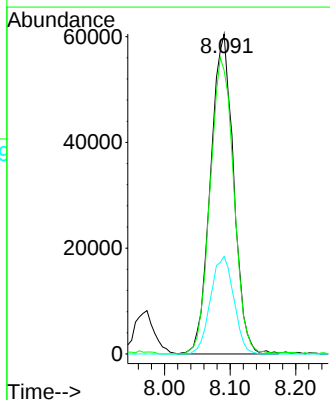
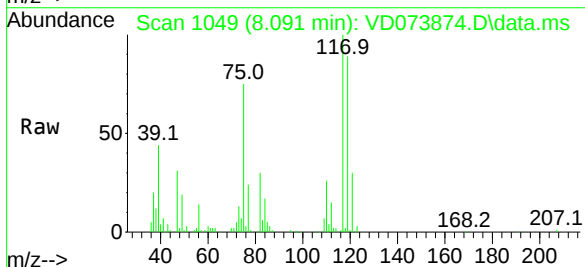
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

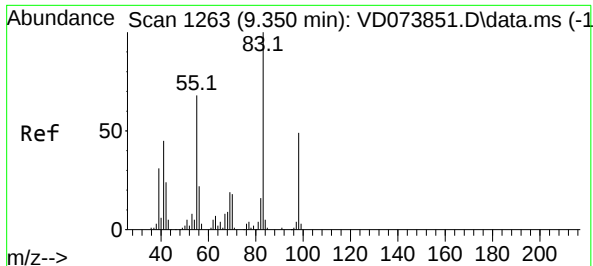
Tgt Ion: 43 Resp: 49080
Ion Ratio Lower Upper
43 100
61 15.2 9.8 14.8#
70 11.4 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 48.265 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 117 Resp: 147627
Ion Ratio Lower Upper
117 100
119 88.6 75.8 113.6
121 30.5 24.5 36.7





#39

Methylcyclohexane

Concen: 52.310 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

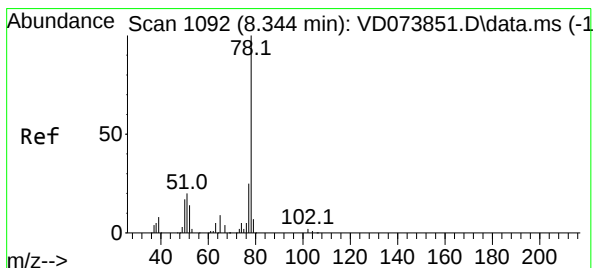
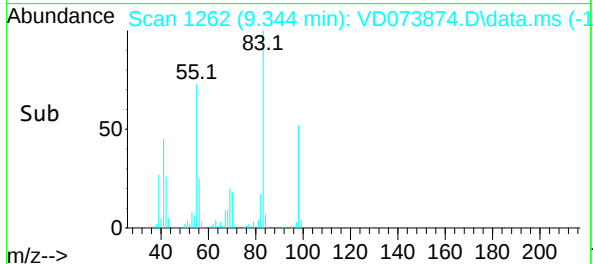
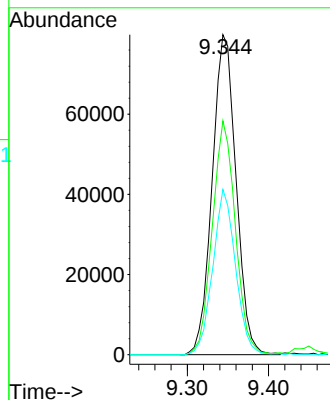
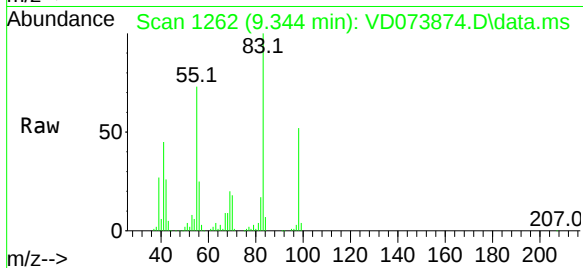
Tgt Ion: 83 Resp: 163311

Ion Ratio Lower Upper

83 100

55 73.1 63.2 94.8

98 51.6 38.2 57.4



#40

Benzene

Concen: 52.107 ug/l

RT: 8.338 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD073874.D

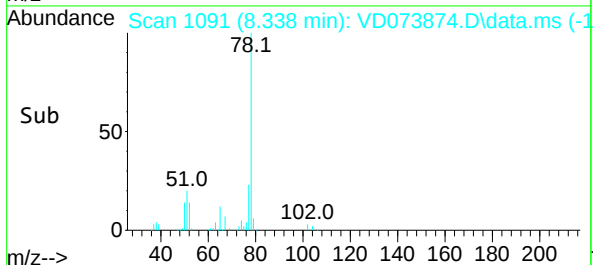
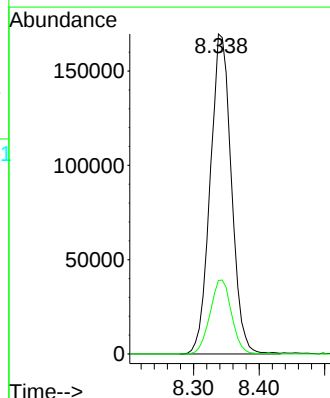
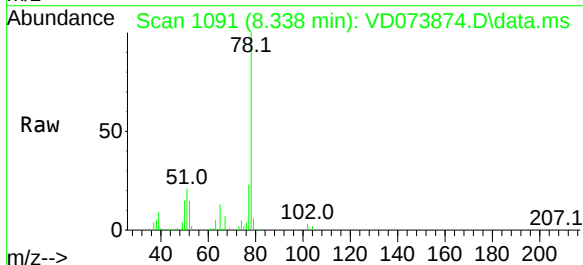
Acq: 20 Jul 2022 10:25

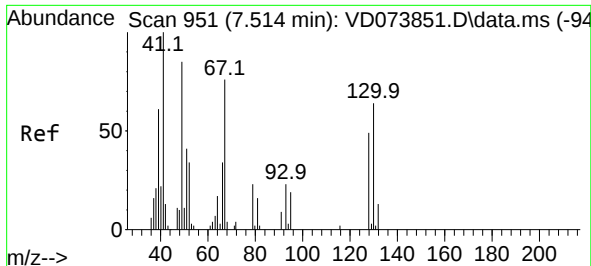
Tgt Ion: 78 Resp: 379691

Ion Ratio Lower Upper

78 100

77 23.0 19.1 28.7



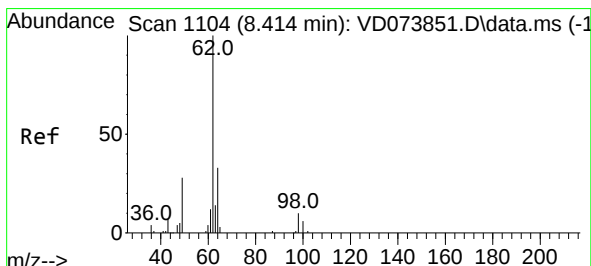
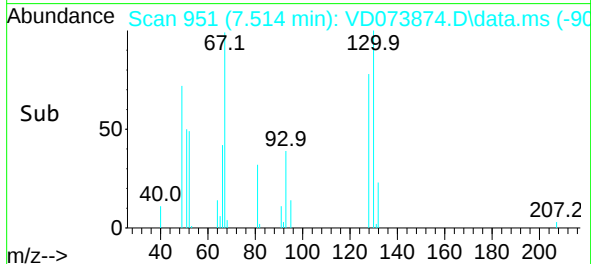
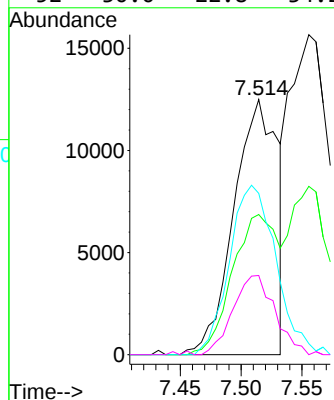
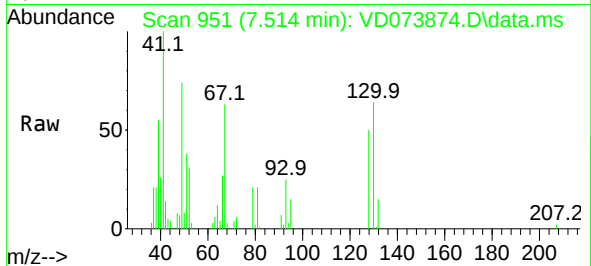


#41
Methacrylonitrile
Concen: 52.005 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 31123

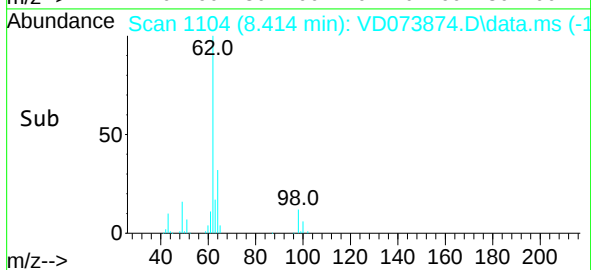
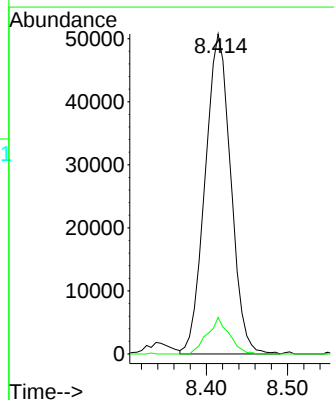
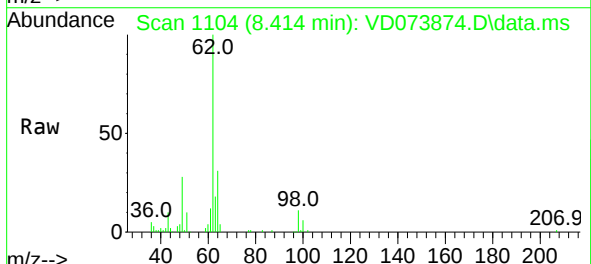
Ion	Ratio	Lower	Upper
41	100		
39	56.8	44.6	67.0
67	71.2	48.2	72.4
52	30.0	22.8	34.2

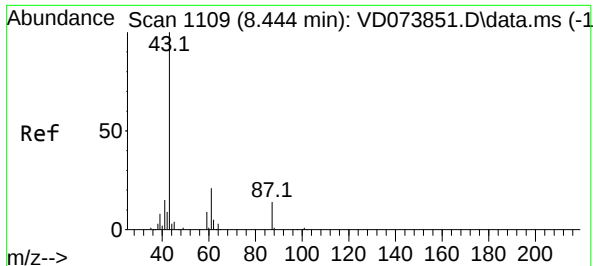


#42
1,2-Dichloroethane
Concen: 49.971 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 62 Resp: 111443

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	17.6

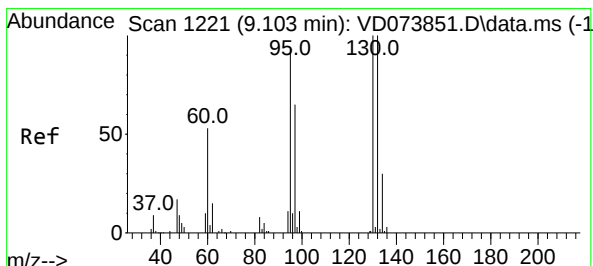
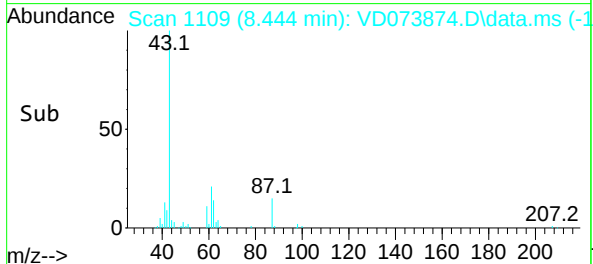
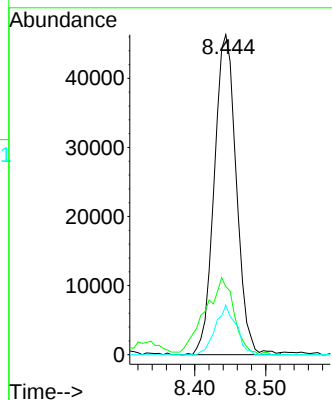
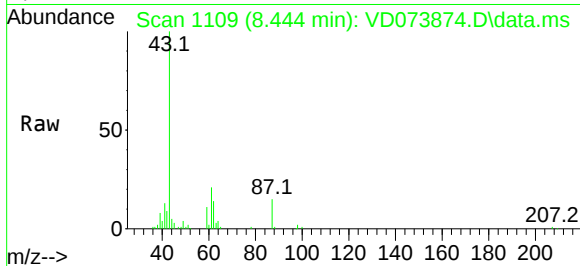




#43
Isopropyl Acetate
Concen: 51.813 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

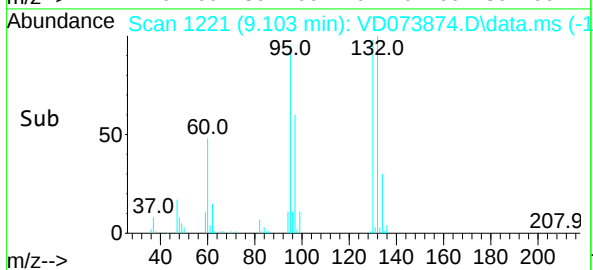
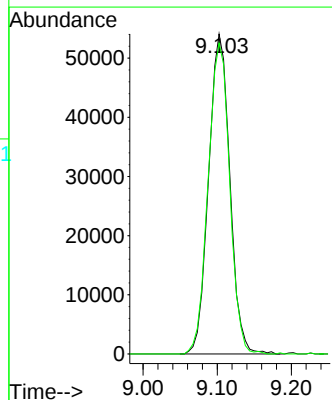
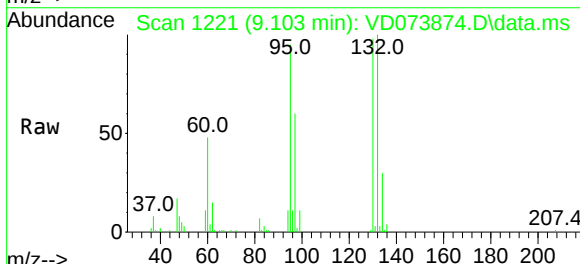
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

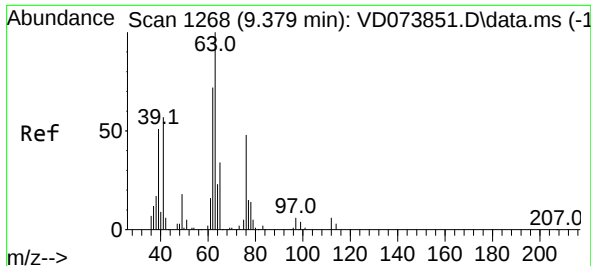
Tgt Ion: 43 Resp: 99717
Ion Ratio Lower Upper
43 100
61 31.7 22.4 33.6
87 14.5 8.7 13.1#



#44
Trichloroethene
Concen: 53.012 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion:130 Resp: 107807
Ion Ratio Lower Upper
130 100
95 97.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 50.209 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

Instrument :

MSVOA_D

ClientSampleId :

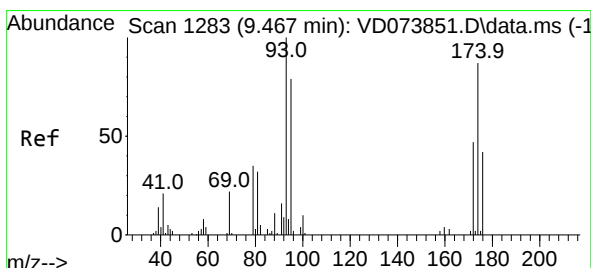
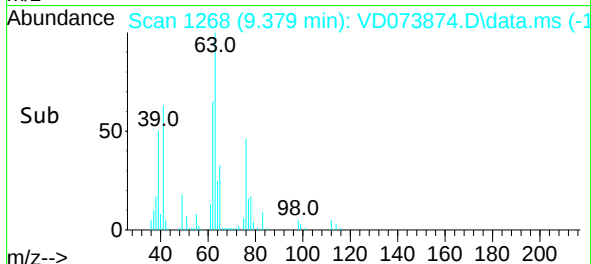
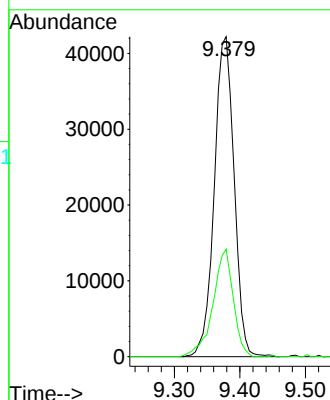
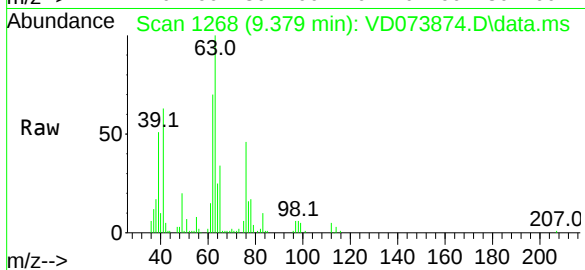
VSTDCCC050

Tgt Ion: 63 Resp: 88432

Ion Ratio Lower Upper

63 100

65 33.6 26.2 39.4



#46

Dibromomethane

Concen: 52.067 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

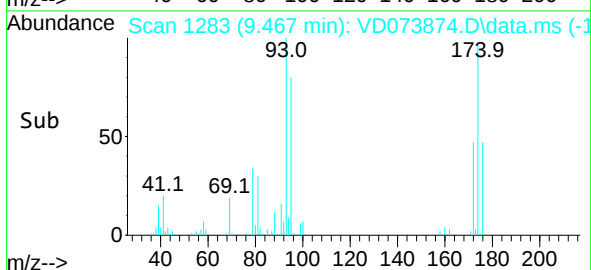
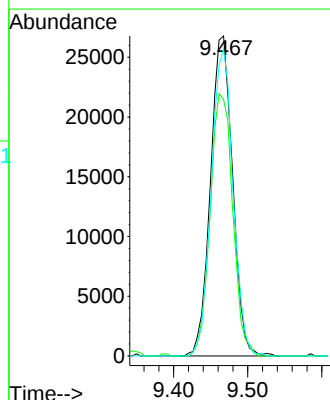
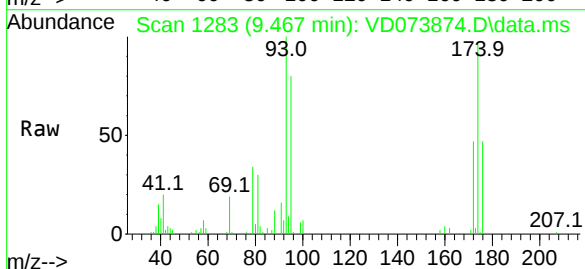
Tgt Ion: 93 Resp: 55624

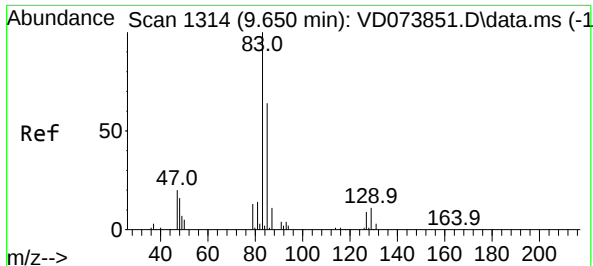
Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

174 94.2 71.6 107.4





#47

Bromodichloromethane

Concen: 50.817 ug/l

RT: 9.650 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

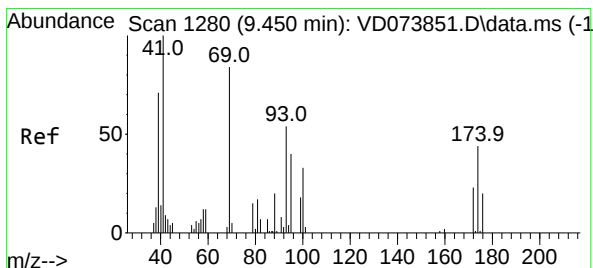
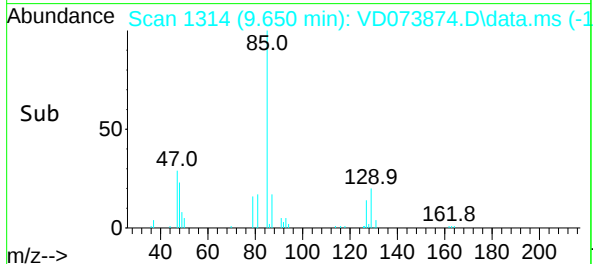
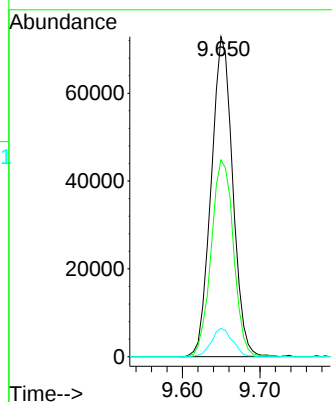
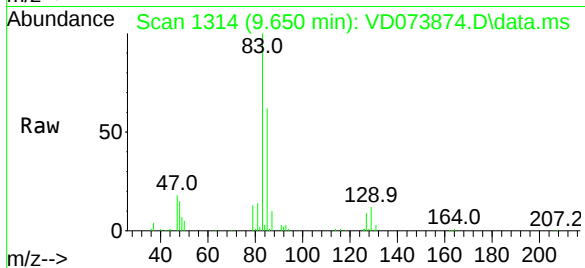
Tgt Ion: 83 Resp: 140562

Ion Ratio Lower Upper

83 100

85 61.5 51.4 77.0

127 8.8 6.1 9.1



#48

Methyl methacrylate

Concen: 50.035 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

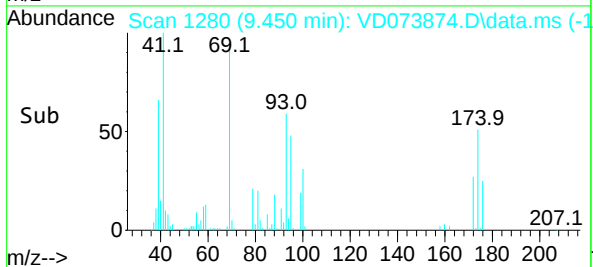
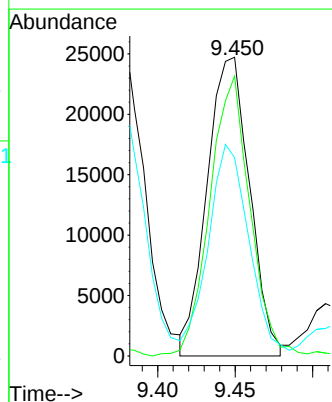
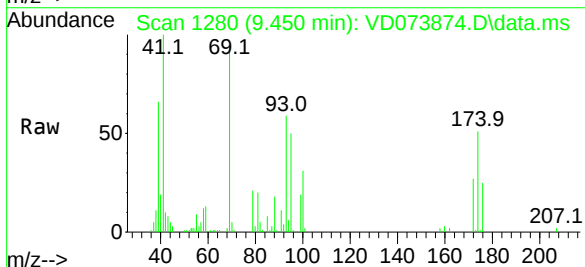
Tgt Ion: 41 Resp: 47212

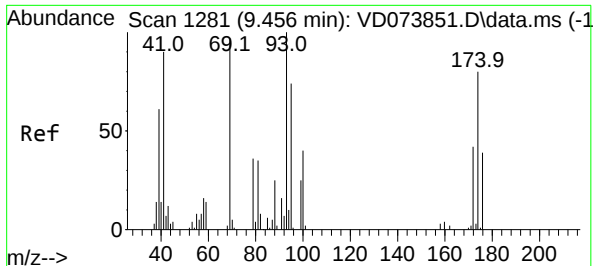
Ion Ratio Lower Upper

41 100

69 88.3 56.7 85.1#

39 67.9 42.7 64.1#





#49

1,4-Dioxane

Concen: 1018.324 ug/l

RT: 9.456 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

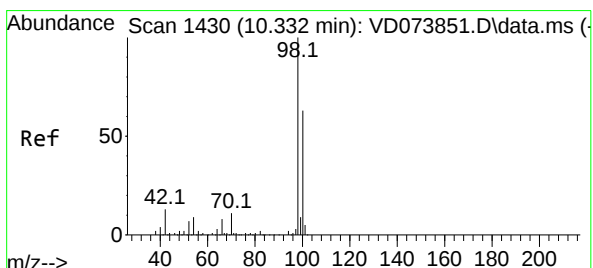
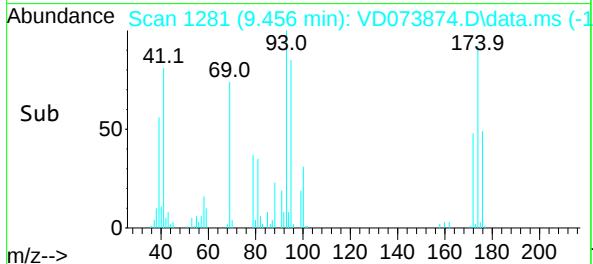
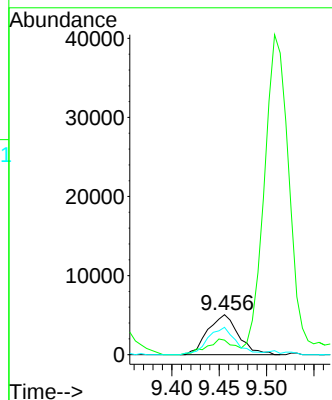
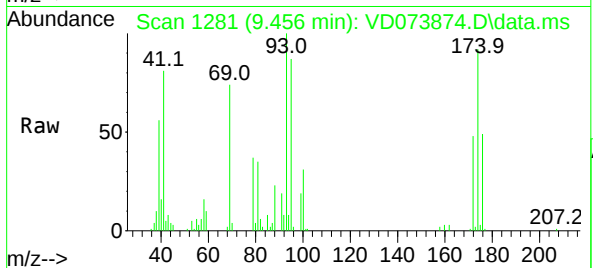
Tgt Ion: 88 Resp: 11383

Ion Ratio Lower Upper

88 100

43 34.7 31.0 46.4

58 63.2 58.1 87.1



#50

Toluene-d8

Concen: 55.063 ug/l

RT: 10.326 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VD073874.D

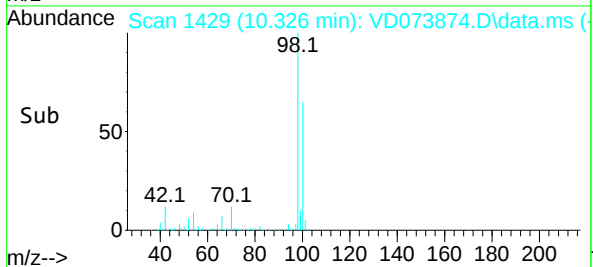
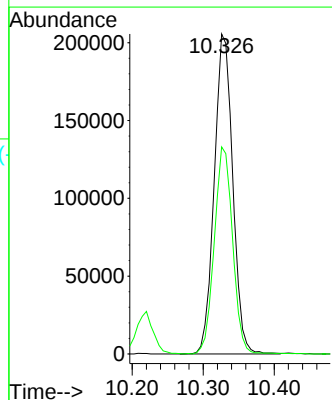
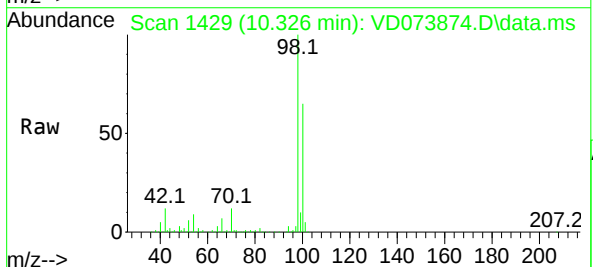
Acq: 20 Jul 2022 10:25

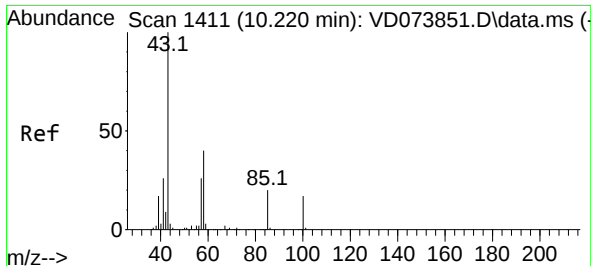
Tgt Ion: 98 Resp: 371104

Ion Ratio Lower Upper

98 100

100 64.3 52.4 78.6

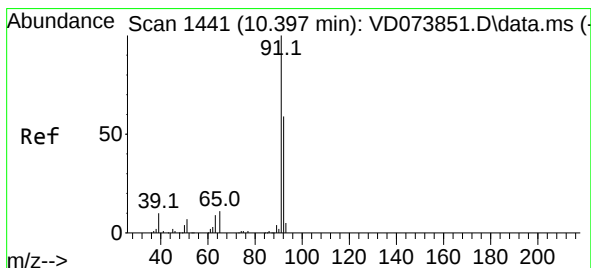
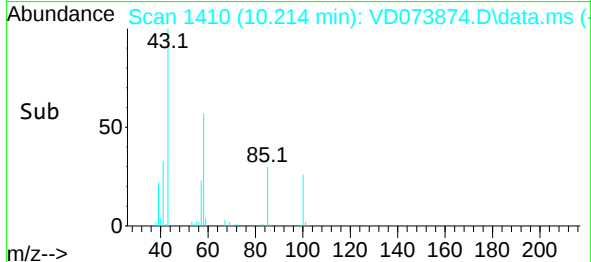
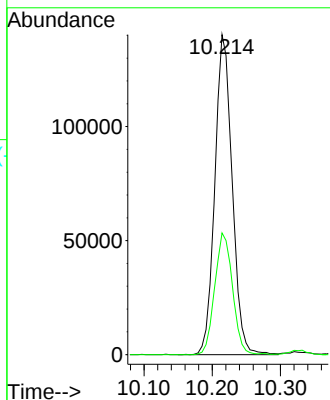
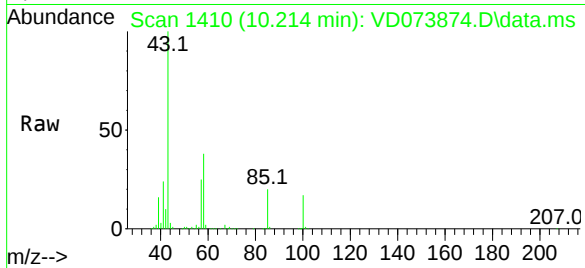




#51
4-Methyl-2-Pentanone
Concen: 258.446 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

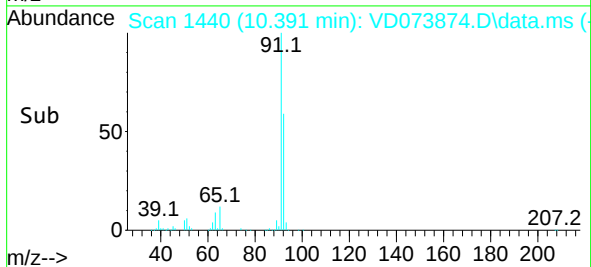
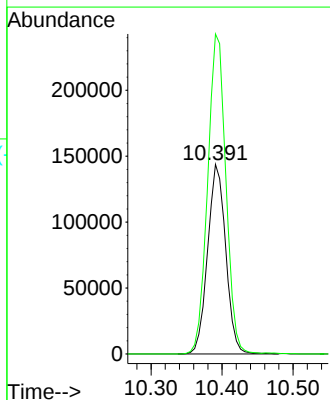
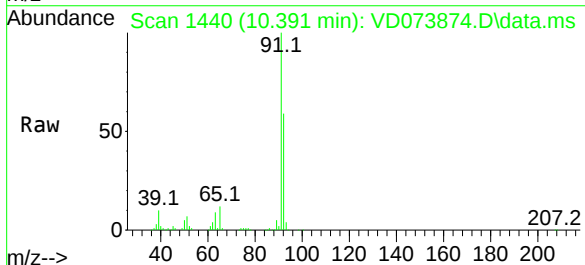
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

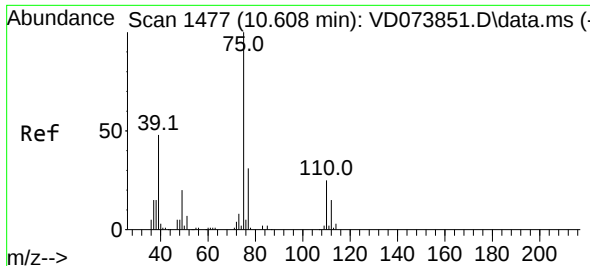
Tgt Ion: 43 Resp: 248662
Ion Ratio Lower Upper
43 100
58 39.1 28.6 43.0



#52
Toluene
Concen: 51.930 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 92 Resp: 254671
Ion Ratio Lower Upper
92 100
91 169.9 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 52.929 ug/l

RT: 10.608 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

Instrument :

MSVOA_D

ClientSampleId :

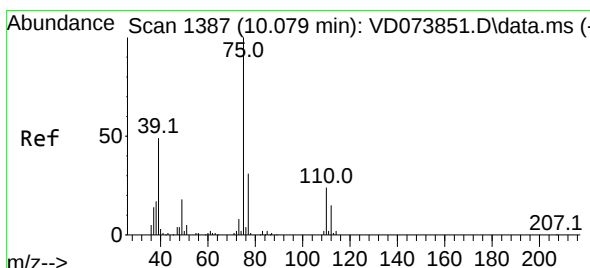
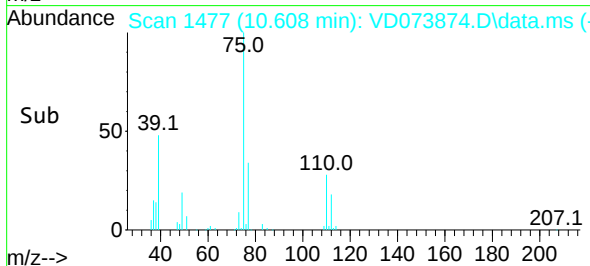
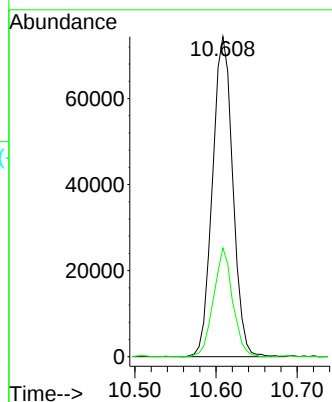
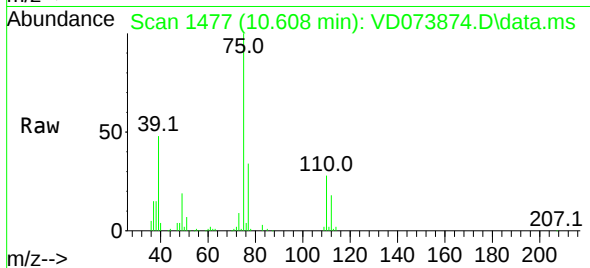
VSTDCCC050

Tgt Ion: 75 Resp: 129248

Ion Ratio Lower Upper

75 100

77 34.0 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 53.299 ug/l

RT: 10.079 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

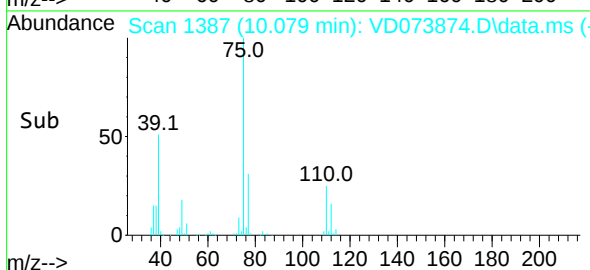
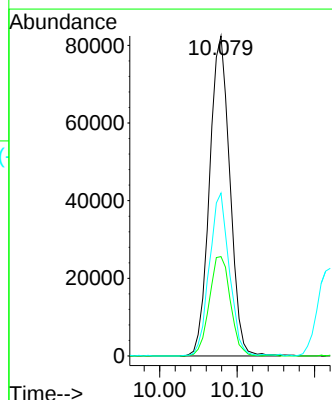
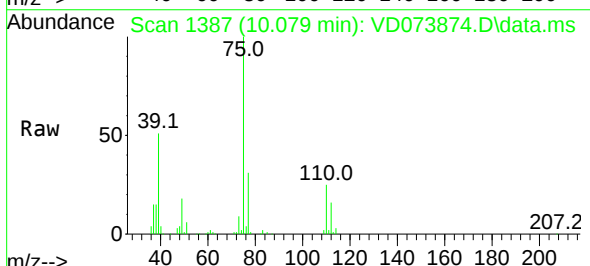
Tgt Ion: 75 Resp: 150597

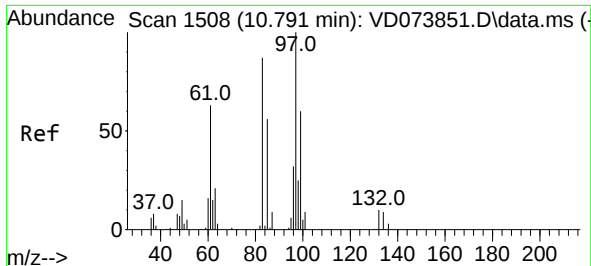
Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

39 50.9 46.8 70.2

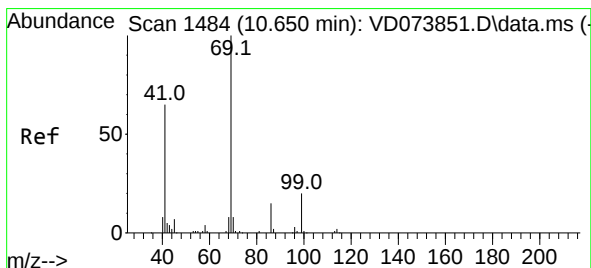
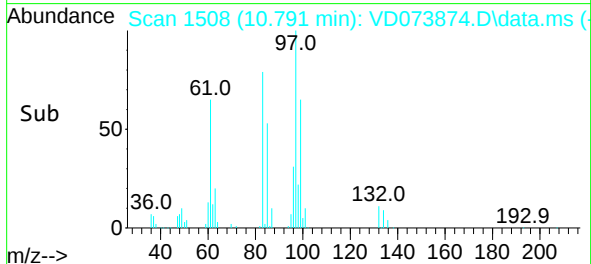
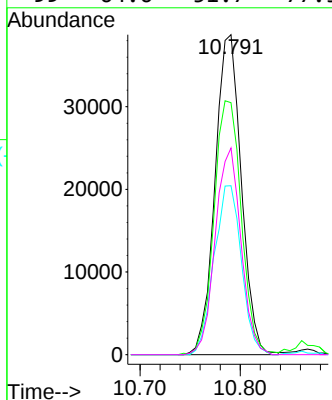
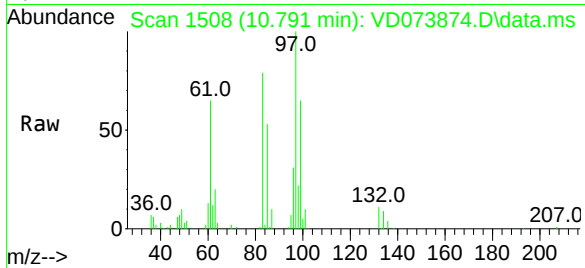




#55
1,1,2-Trichloroethane
Concen: 51.858 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

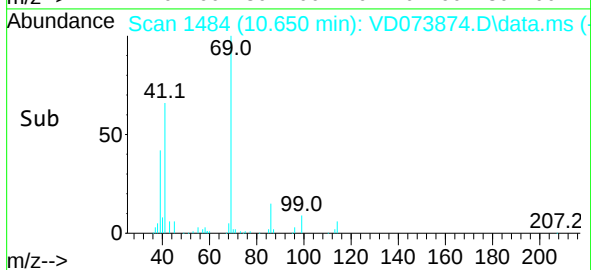
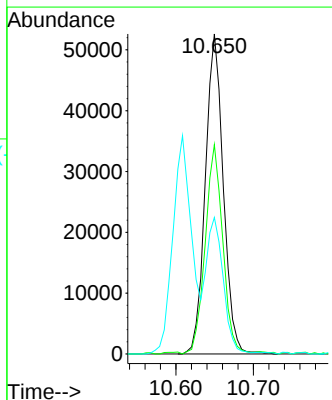
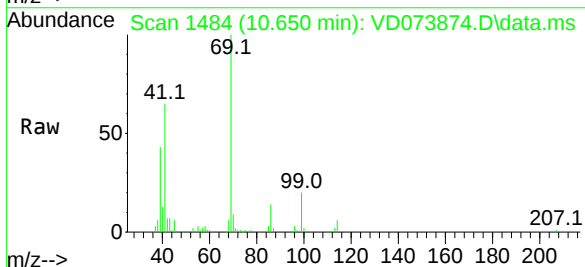
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

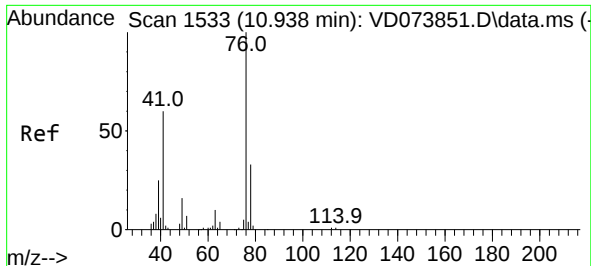
Tgt Ion: 97	Resp: 70472
Ion Ratio	Lower Upper
97 100	
83 78.8	69.0 103.4
85 52.8	42.6 63.8
99 64.6	51.7 77.5



#56
Ethyl methacrylate
Concen: 53.768 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 69	Resp: 84591
Ion Ratio	Lower Upper
69 100	
41 63.9	63.0 94.6
39 39.3	33.8 50.8





#57

1,3-Dichloropropane

Concen: 50.806 ug/l

RT: 10.932 min Scan# 117418

Delta R.T. -0.006 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

Instrument :

MSVOA_D

ClientSampleId :

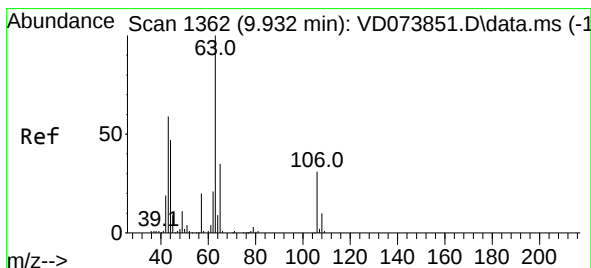
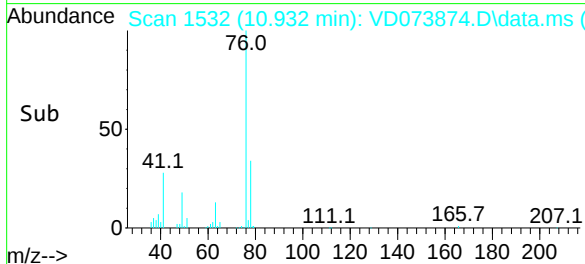
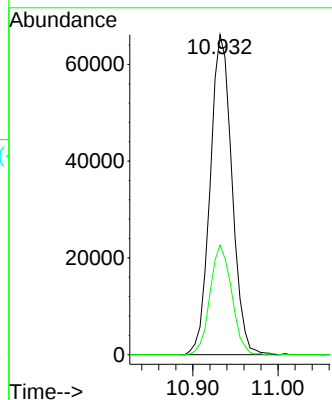
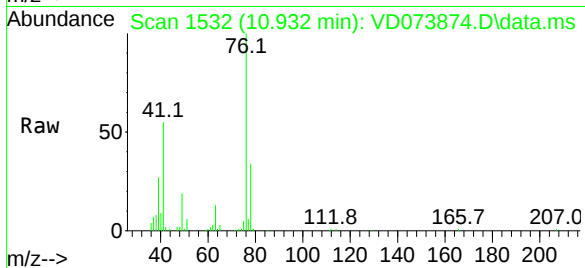
VSTDCCC050

Tgt Ion: 76 Resp: 117418

Ion Ratio Lower Upper

76 100

78 33.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 212.528 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073874.D

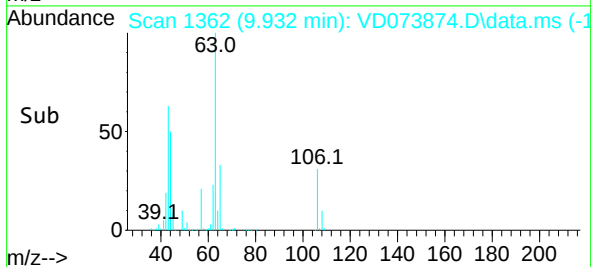
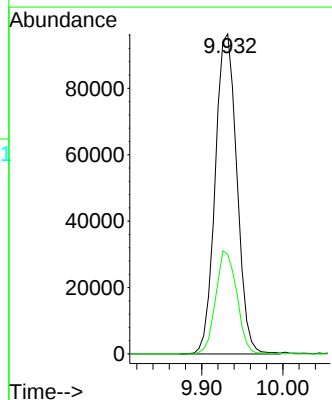
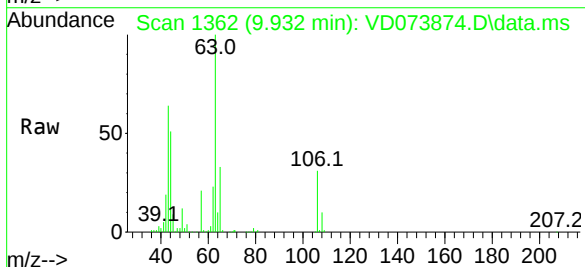
Acq: 20 Jul 2022 10:25

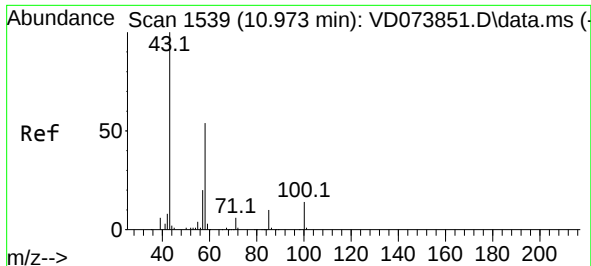
Tgt Ion: 63 Resp: 178792

Ion Ratio Lower Upper

63 100

106 31.3 21.4 32.0

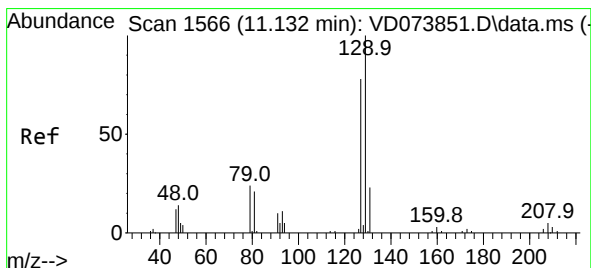
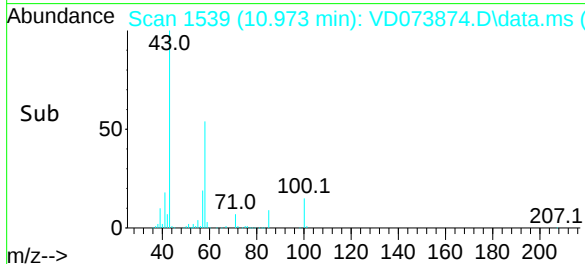
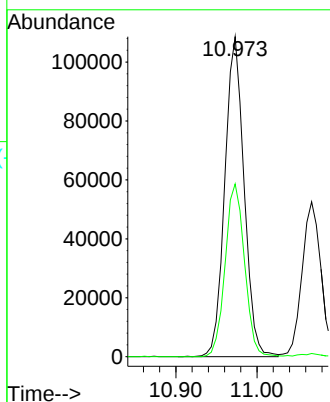
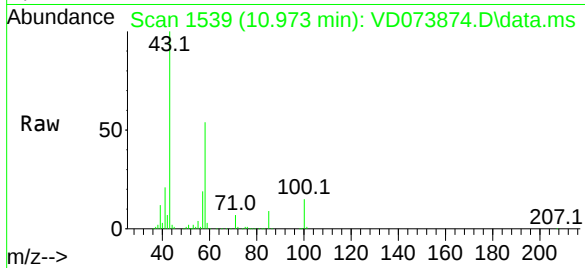




#59
2-Hexanone
Concen: 272.465 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

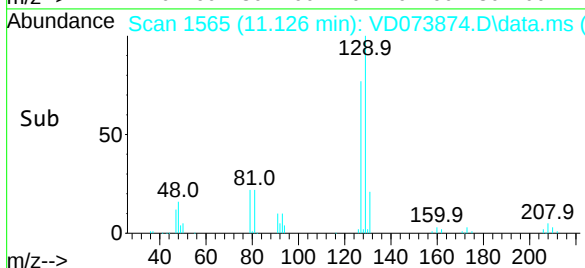
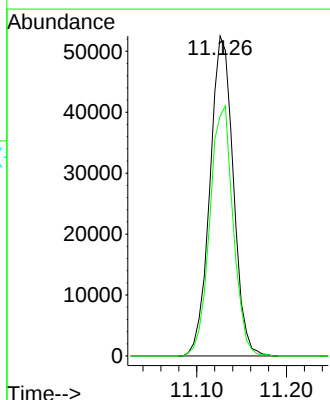
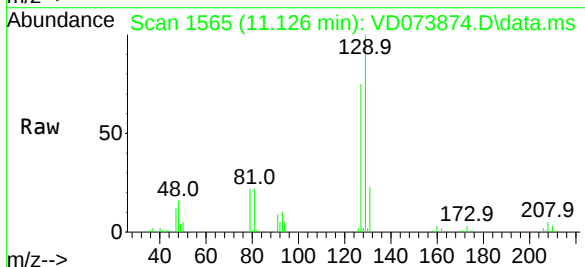
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

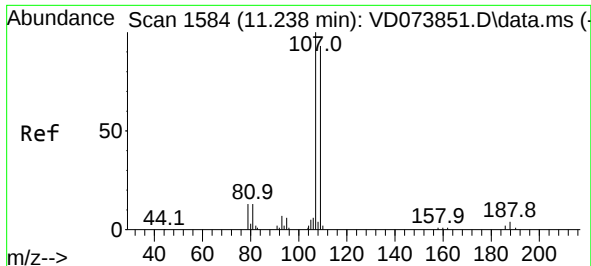
Tgt Ion: 43 Resp: 179127
Ion Ratio Lower Upper
43 100
58 54.3 25.3 75.9



#60
Dibromochloromethane
Concen: 51.508 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 129 Resp: 94823
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6

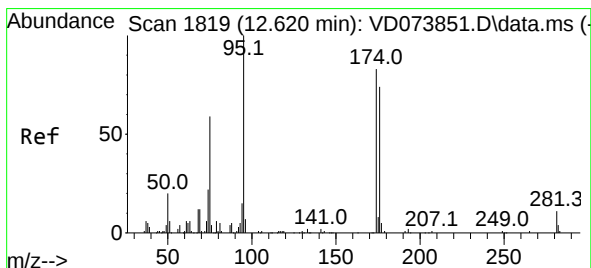
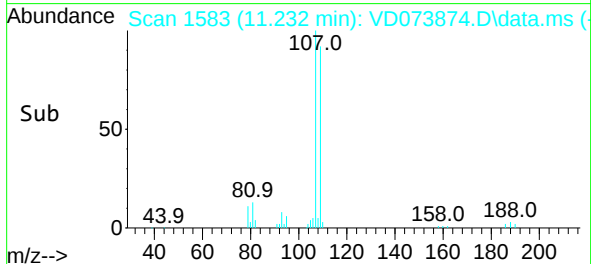
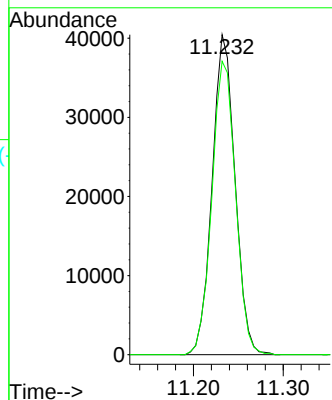
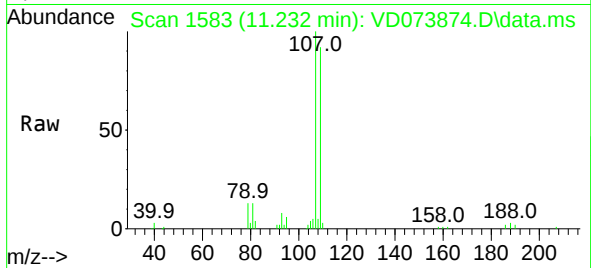




#61
1,2-Dibromoethane
Concen: 52.032 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

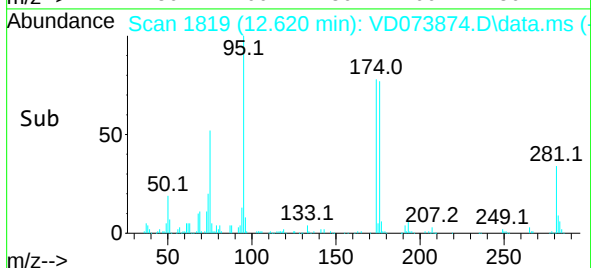
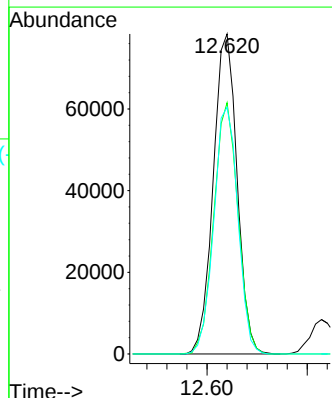
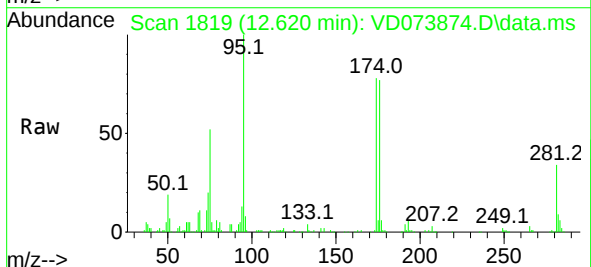
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

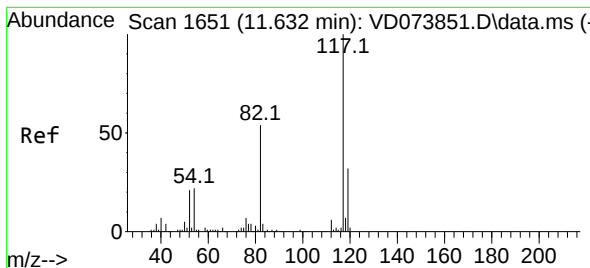
Tgt Ion:107 Resp: 71541
Ion Ratio Lower Upper
107 100
109 95.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 55.786 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 95 Resp: 129269
Ion Ratio Lower Upper
95 100
174 79.5 0.0 152.8
176 77.7 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: VD073874.D

Acq: 20 Jul 2022 10:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

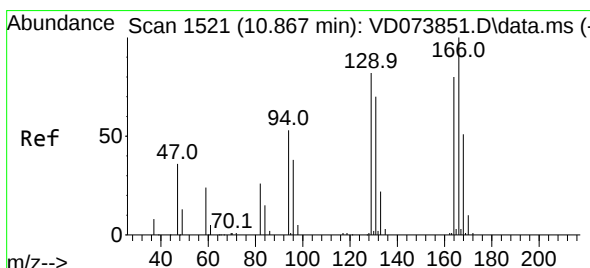
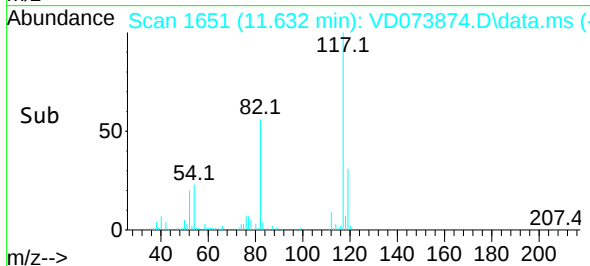
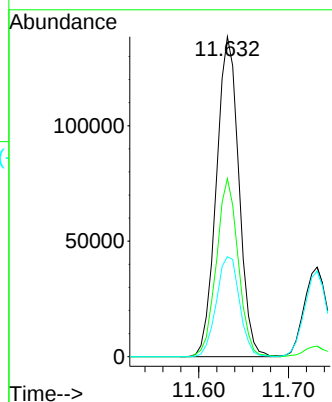
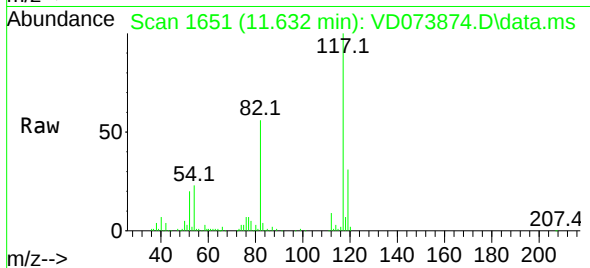
Tgt Ion:117 Resp: 241787

Ion Ratio Lower Upper

117 100

82 55.6 45.3 67.9

119 31.2 26.6 40.0



#64

Tetrachloroethene

Concen: 58.719 ug/l

RT: 10.861 min Scan# 1520

Delta R.T. -0.006 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

Tgt Ion:164 Resp: 94690

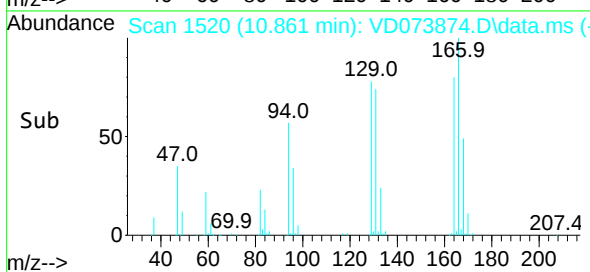
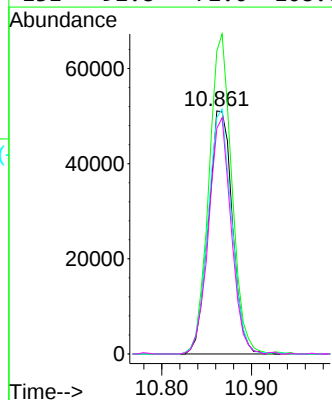
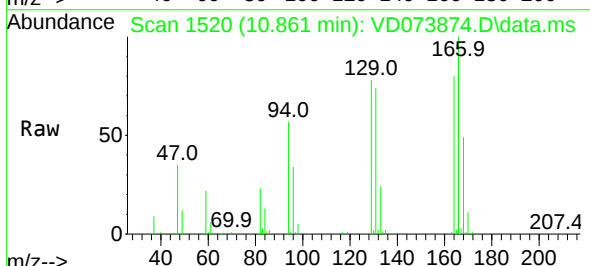
Ion Ratio Lower Upper

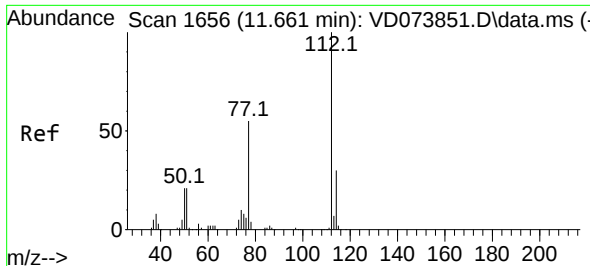
164 100

166 124.6 98.5 147.7

129 97.3 74.6 111.8

131 92.8 72.0 108.0

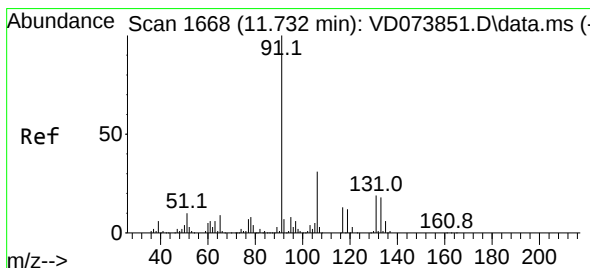
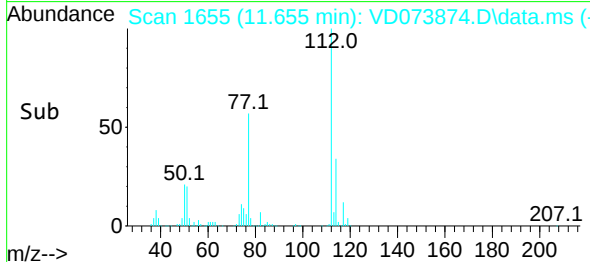
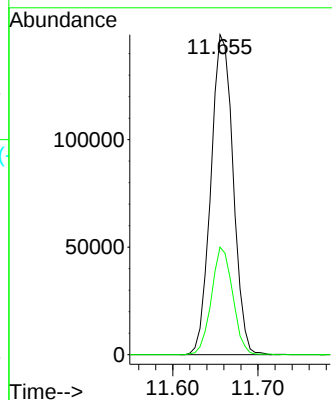
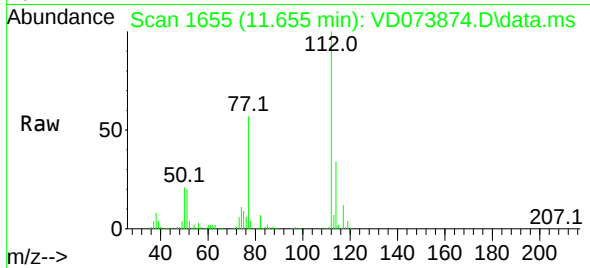




#65
Chlorobenzene
Concen: 54.253 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

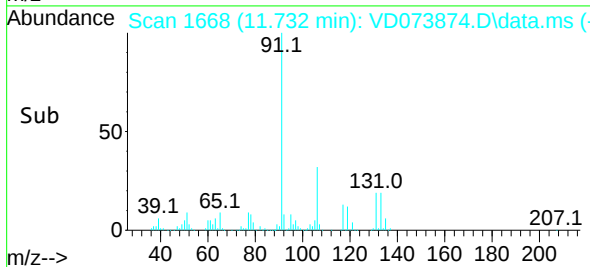
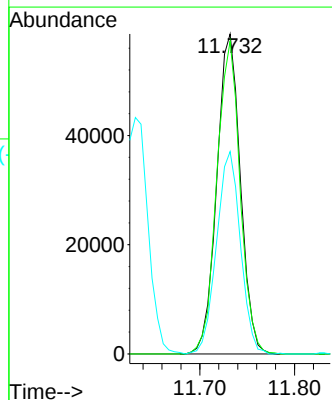
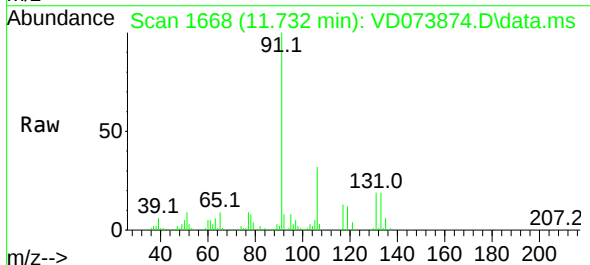
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

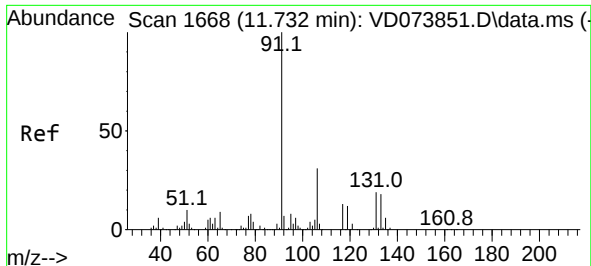
Tgt Ion:112 Resp: 270168
Ion Ratio Lower Upper
112 100
114 33.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.545 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion:131 Resp: 101333
Ion Ratio Lower Upper
131 100
133 96.8 48.1 144.3
119 64.0 31.9 95.9

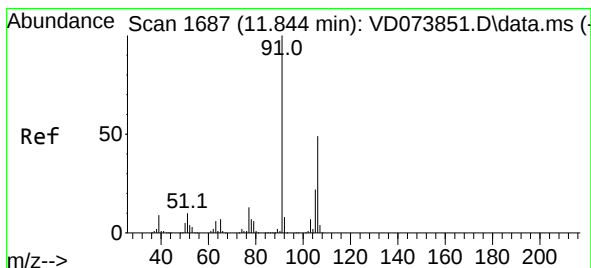
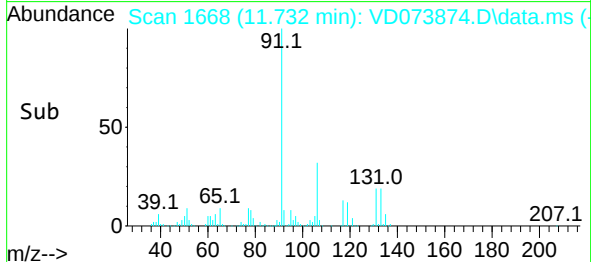
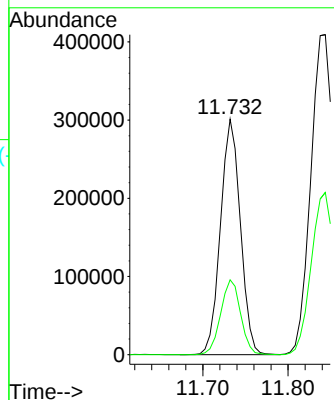
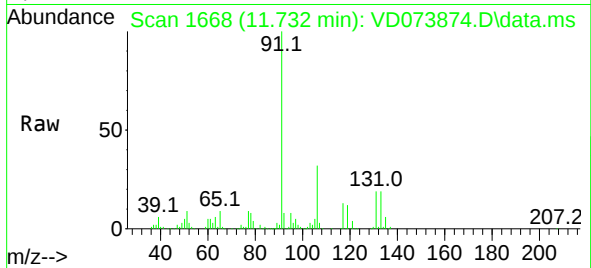




#67
Ethyl Benzene
Concen: 53.170 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

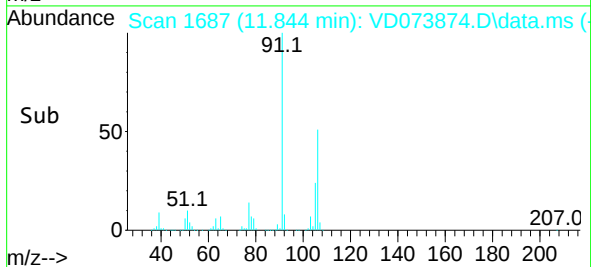
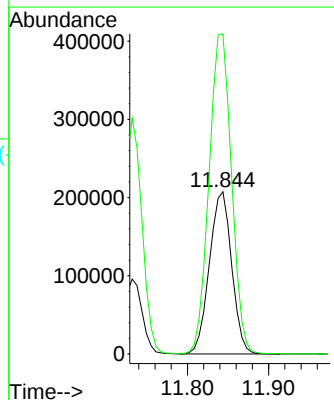
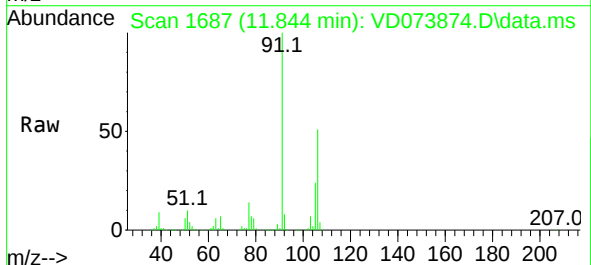
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

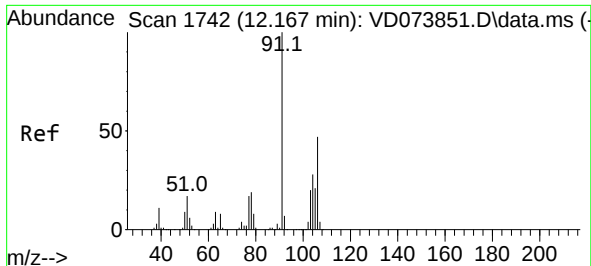
Tgt Ion: 91 Resp: 488860
Ion Ratio Lower Upper
91 100
106 31.8 24.2 36.4



#68
m/p-Xylenes
Concen: 109.937 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion:106 Resp: 395084
Ion Ratio Lower Upper
106 100
91 199.9 163.7 245.5

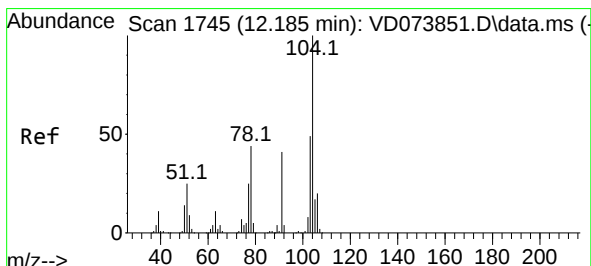
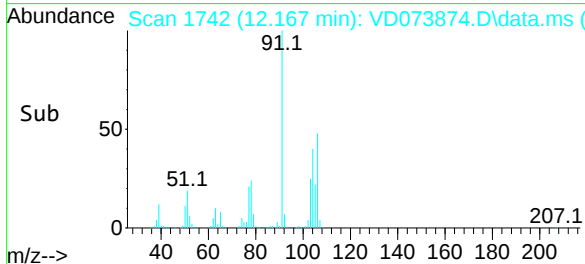
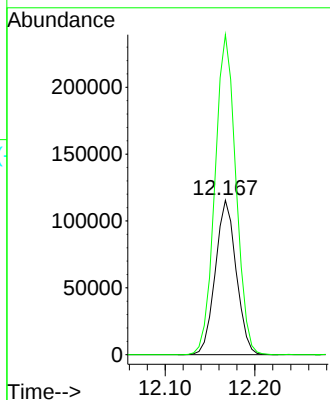
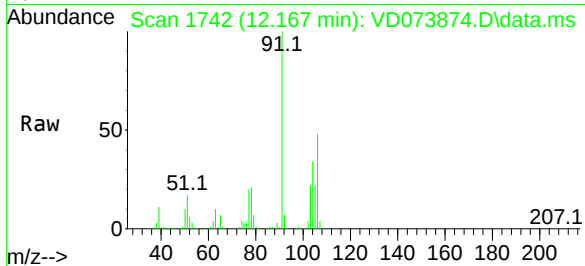




#69
o-Xylene
Concen: 55.453 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

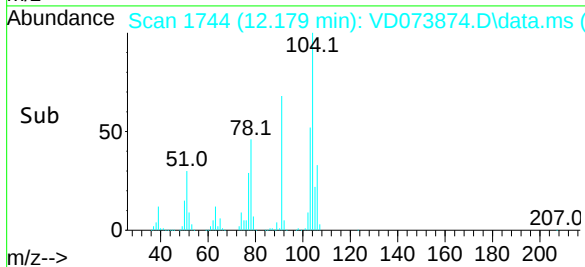
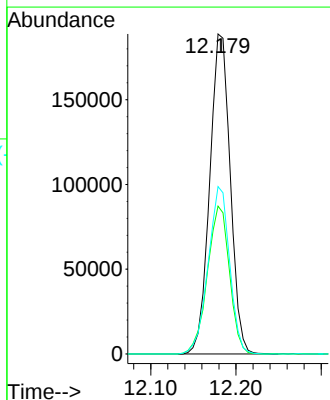
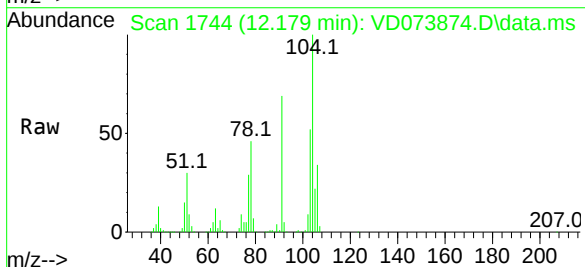
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

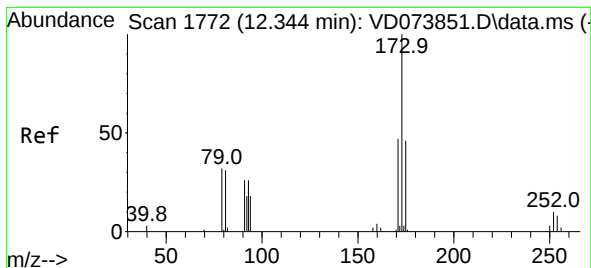
Tgt Ion:106 Resp: 186575
Ion Ratio Lower Upper
106 100
91 208.0 110.4 331.2



#70
Styrene
Concen: 54.951 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion:104 Resp: 316086
Ion Ratio Lower Upper
104 100
78 49.6 41.8 62.8
103 54.7 44.2 66.4





#71

Bromoform

Concen: 55.107 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

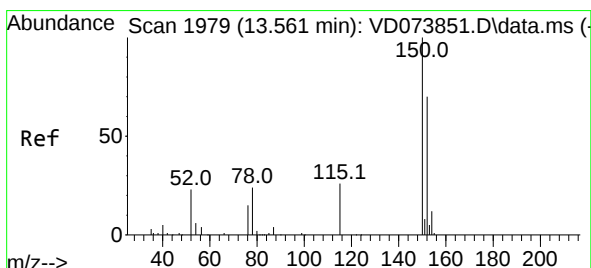
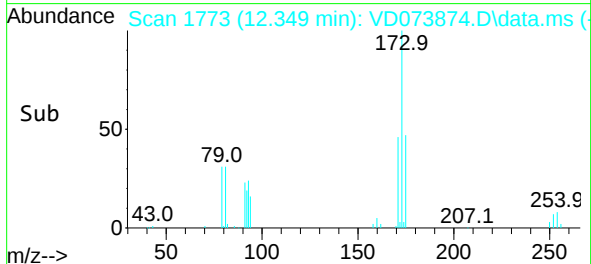
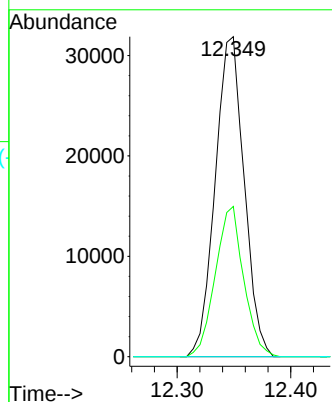
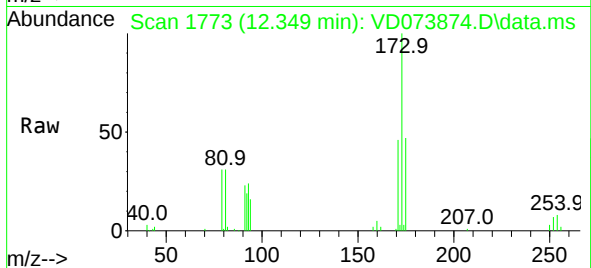
Tgt Ion:173 Resp: 56432

Ion Ratio Lower Upper

173 100

175 46.0 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: VD073874.D

Acq: 20 Jul 2022 10:25

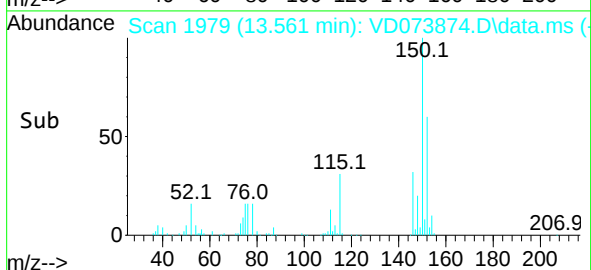
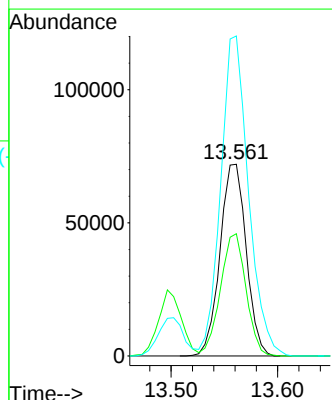
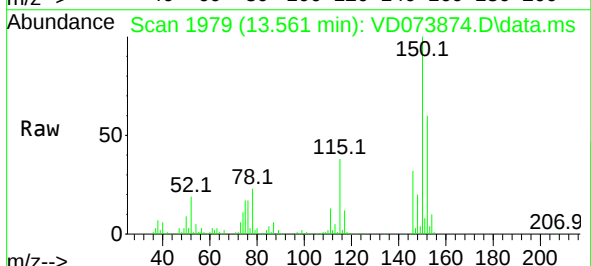
Tgt Ion:152 Resp: 123097

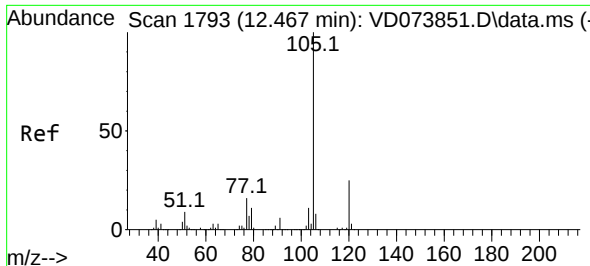
Ion Ratio Lower Upper

152 100

115 62.2 31.3 93.8

150 176.4 0.0 348.6

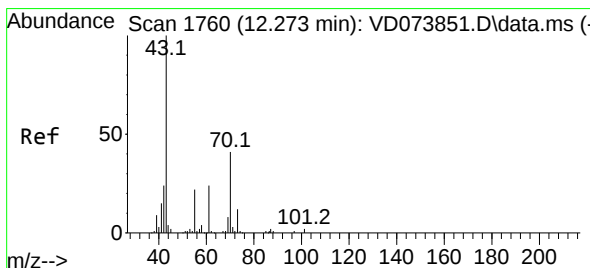
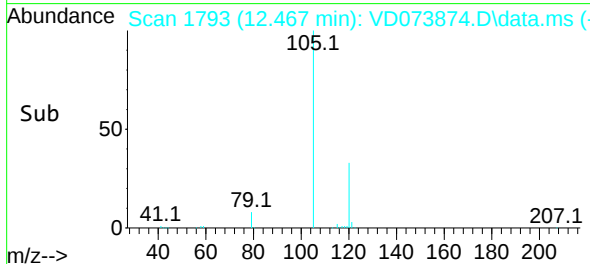
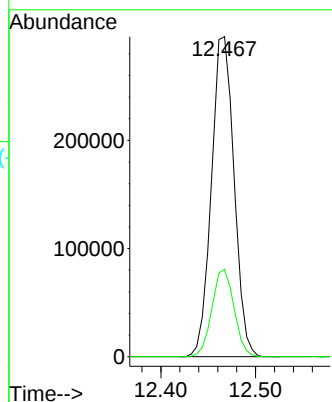
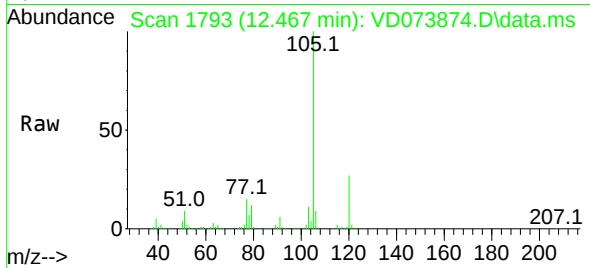




#73
Isopropylbenzene
Concen: 52.706 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

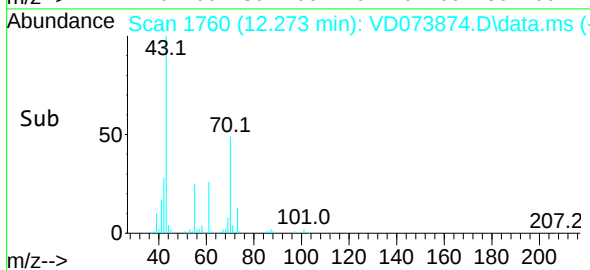
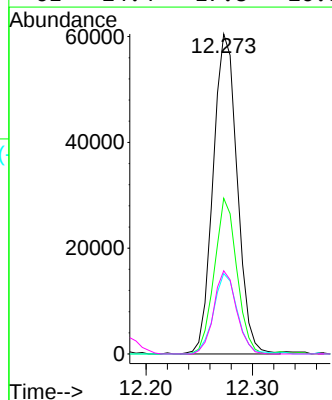
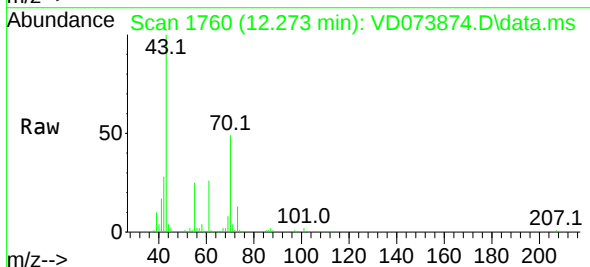
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

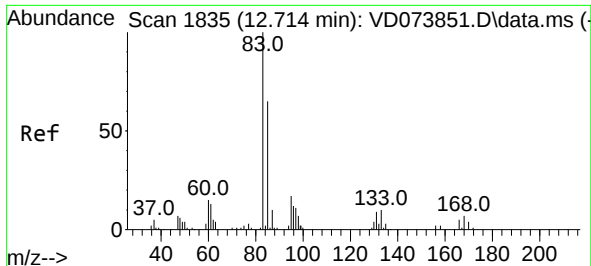
Tgt Ion:105 Resp: 491396
Ion Ratio Lower Upper
105 100
120 26.7 13.0 38.9



#74
N-ethyl acetate
Concen: 51.671 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 43 Resp: 95026
Ion Ratio Lower Upper
43 100
70 45.4 31.3 46.9
55 24.9 20.0 30.0
61 24.4 17.8 26.8

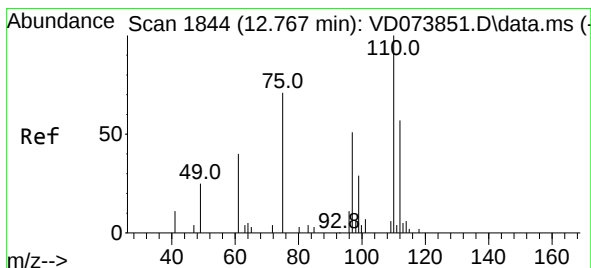
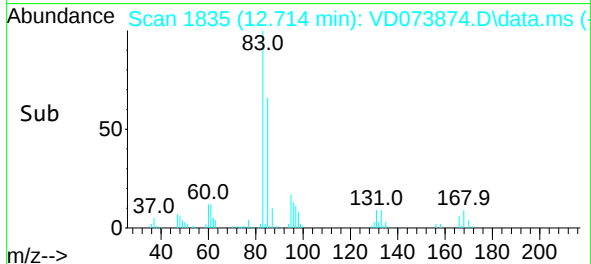
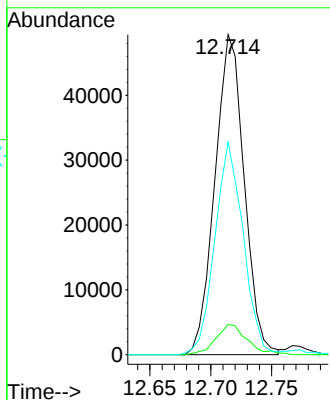
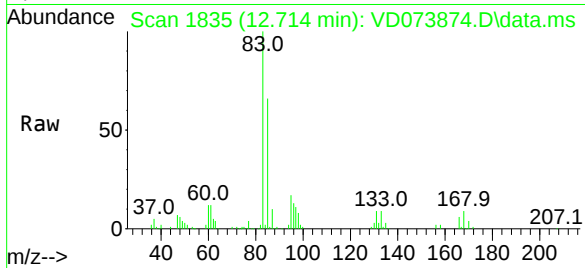




#75
1,1,2-Tetrachloroethane
Concen: 51.244 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

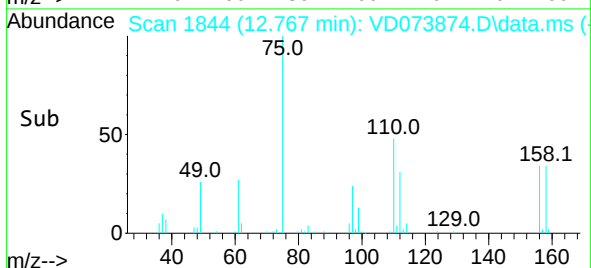
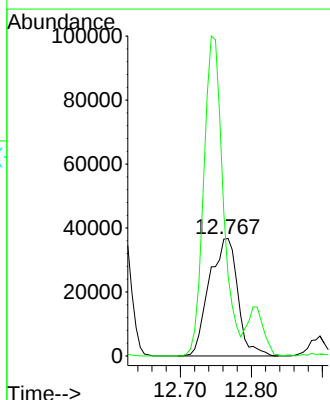
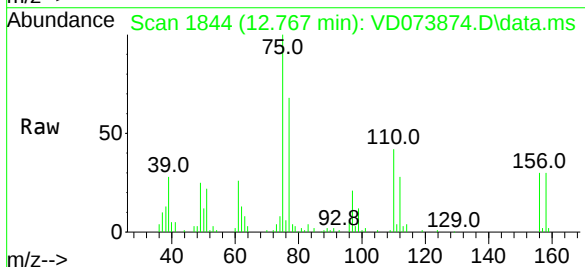
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

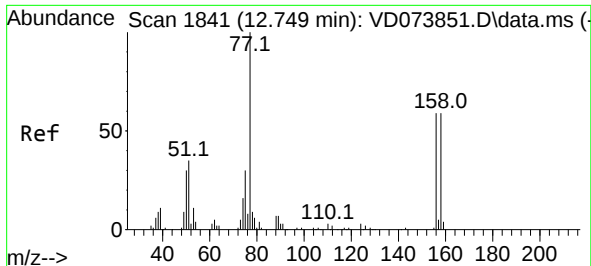
Tgt Ion: 83 Resp: 82579
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 64.4 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 77.210 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 75 Resp: 101977
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

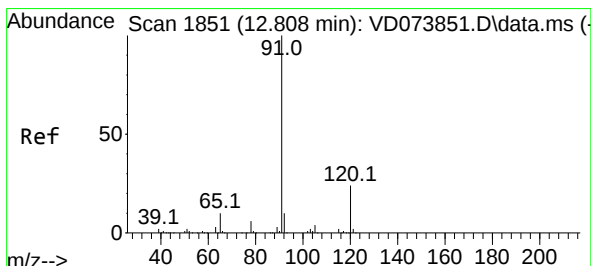
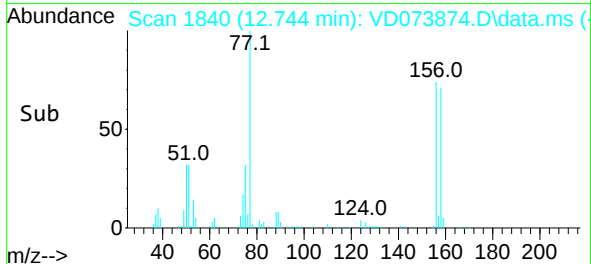
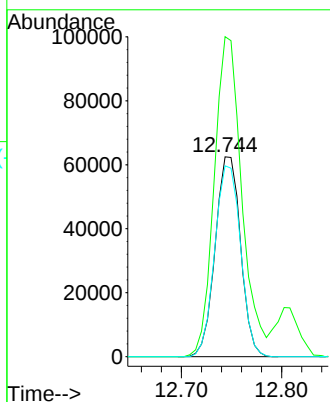
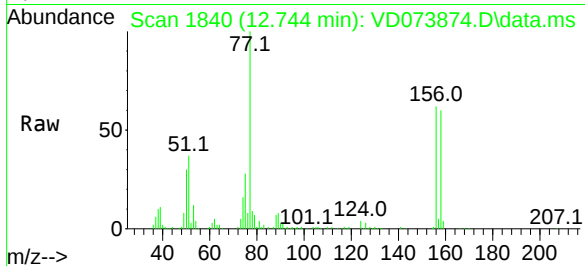




#77
Bromobenzene
Concen: 52.923 ug/l
RT: 12.744 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

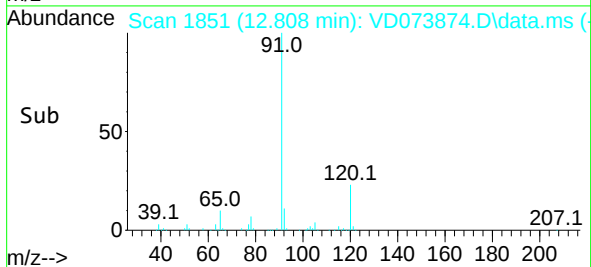
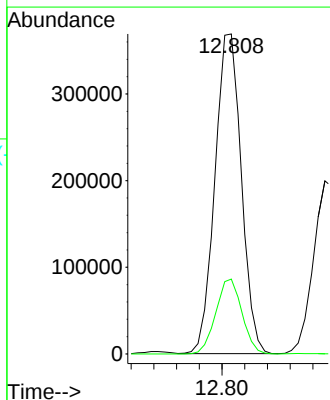
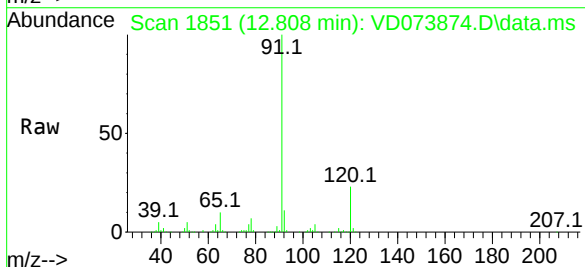
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

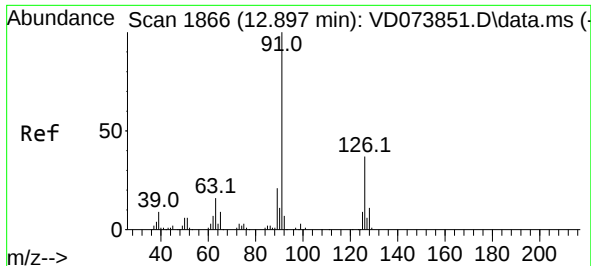
Tgt Ion:156 Resp: 109660
Ion Ratio Lower Upper
156 100
77 173.9 102.8 308.3
158 97.6 48.7 146.1



#78
n-propylbenzene
Concen: 52.348 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 91 Resp: 595397
Ion Ratio Lower Upper
91 100
120 23.2 10.9 32.9





#79

2-Chlorotoluene

Concen: 52.981 ug/l

RT: 12.891 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

Instrument :

MSVOA_D

ClientSampleId :

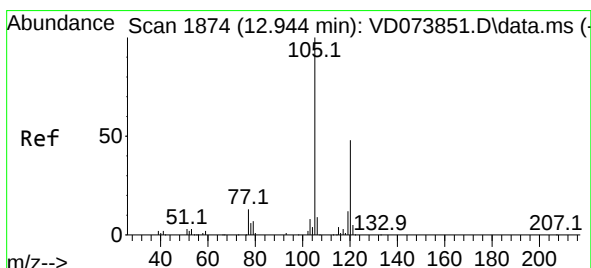
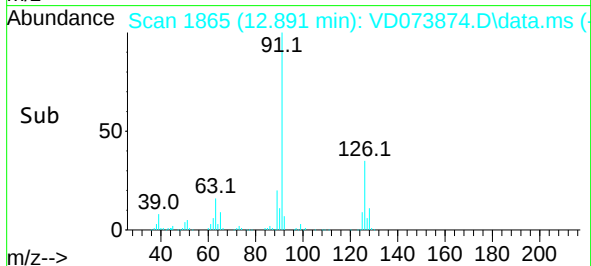
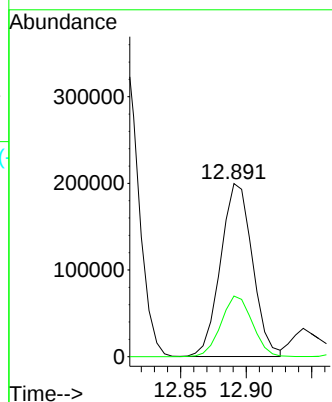
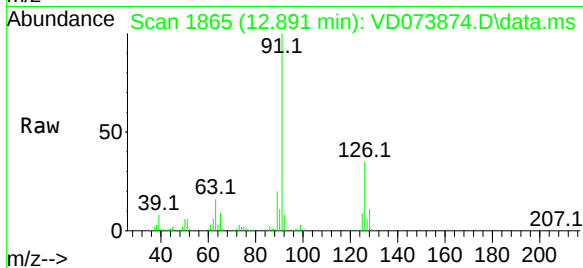
VSTDCCC050

Tgt Ion: 91 Resp: 338048

Ion Ratio Lower Upper

91 100

126 34.4 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 53.742 ug/l

RT: 12.944 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VD073874.D

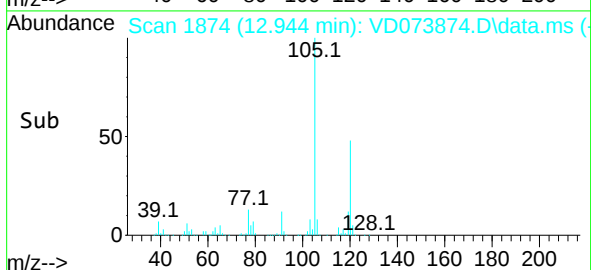
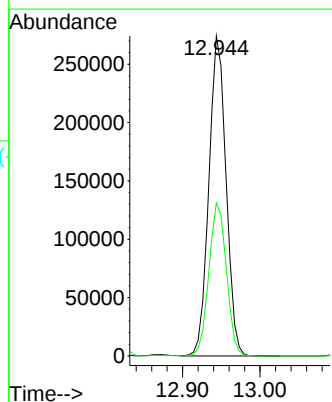
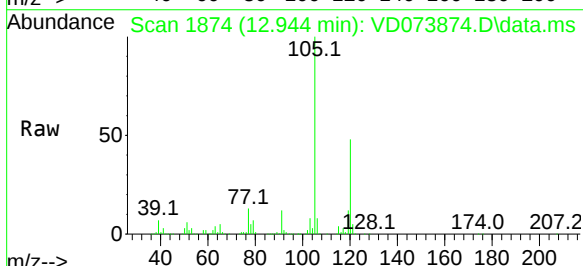
Acq: 20 Jul 2022 10:25

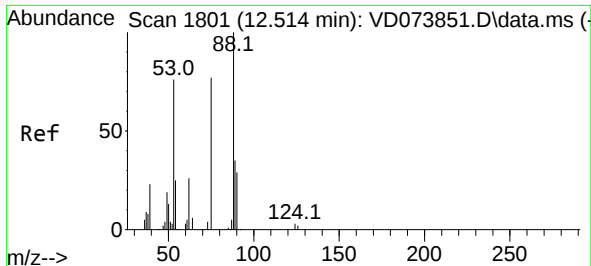
Tgt Ion:105 Resp: 422367

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8

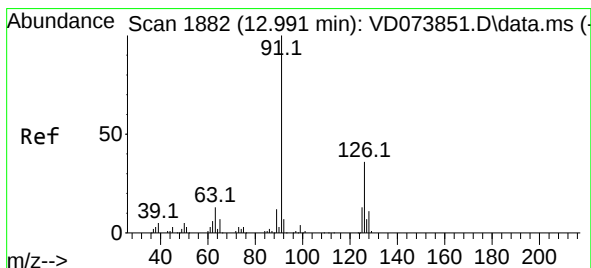
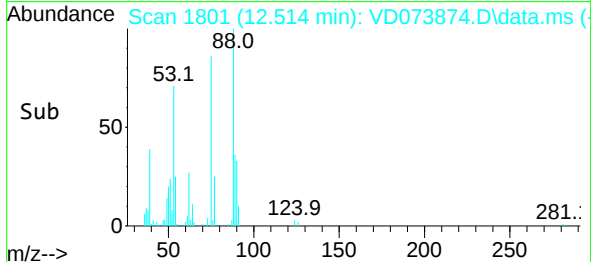
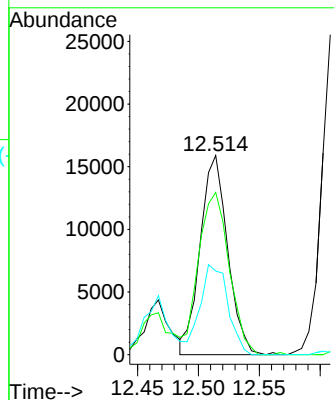
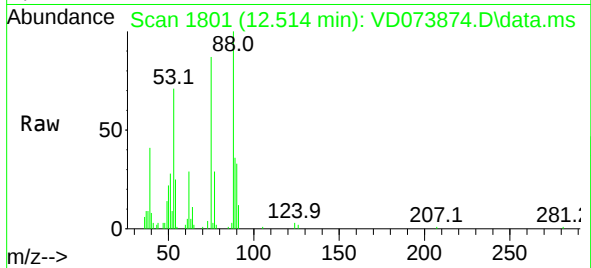




#81
trans-1,4-Dichloro-2-butene
Concen: 50.991 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

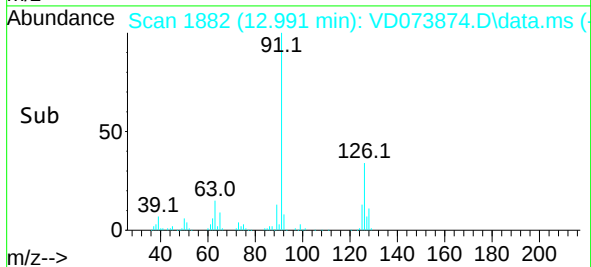
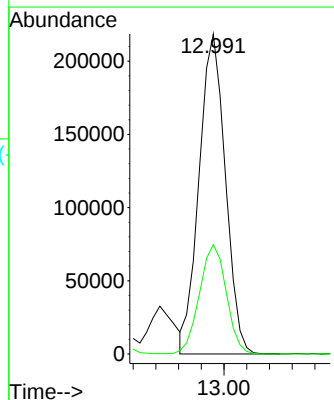
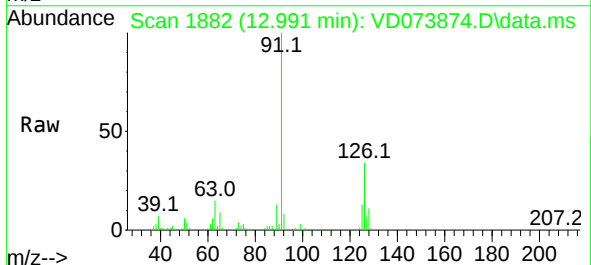
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

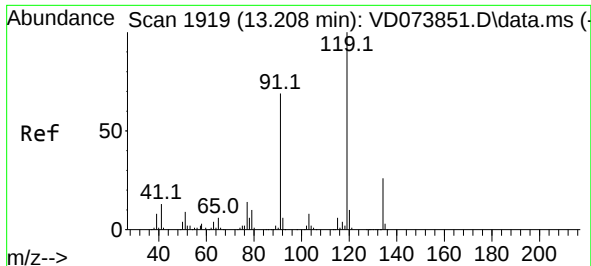
Tgt Ion: 75 Resp: 24958
Ion Ratio Lower Upper
75 100
53 90.8 86.5 129.7
89 45.2 33.9 50.9



#82
4-Chlorotoluene
Concen: 51.911 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 91 Resp: 350272
Ion Ratio Lower Upper
91 100
126 34.9 16.5 49.5

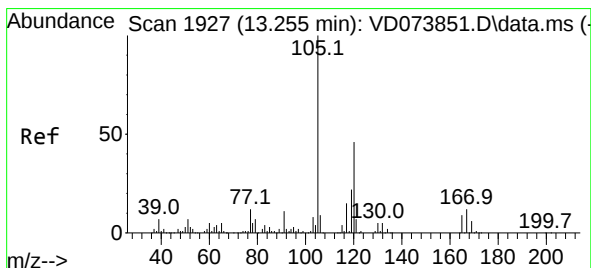
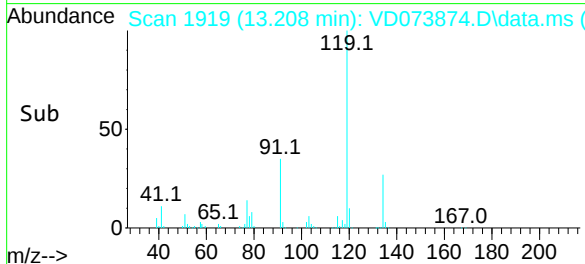
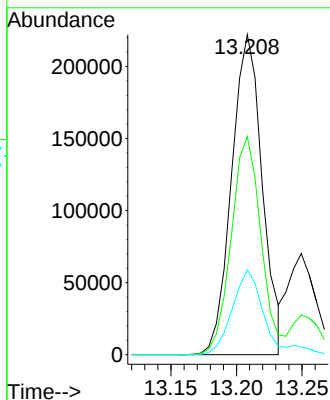
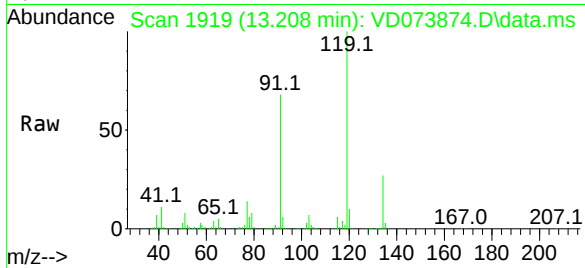




#83
tert-Butylbenzene
Concen: 53.939 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

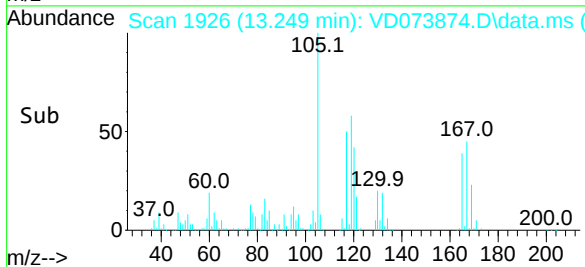
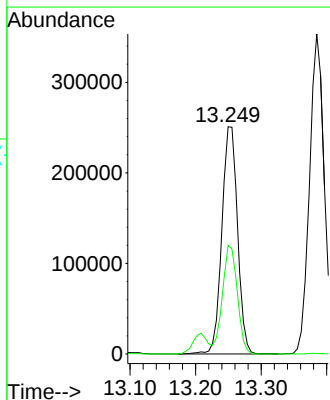
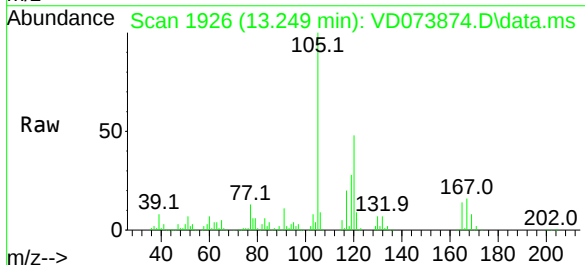
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

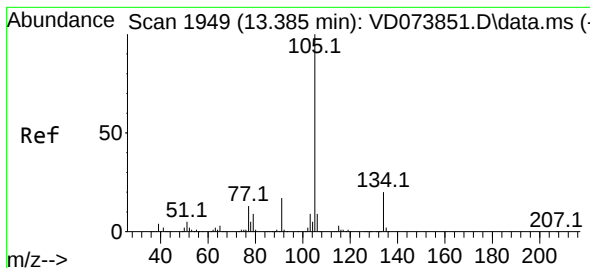
Tgt Ion:119 Resp: 362444
Ion Ratio Lower Upper
119 100
91 66.6 34.8 104.5
134 27.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 53.116 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion:105 Resp: 415788
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 54.172 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

Instrument :

MSVOA_D

ClientSampleId :

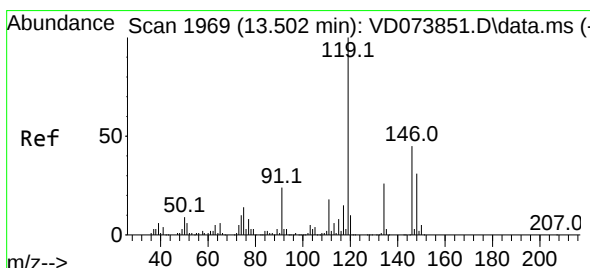
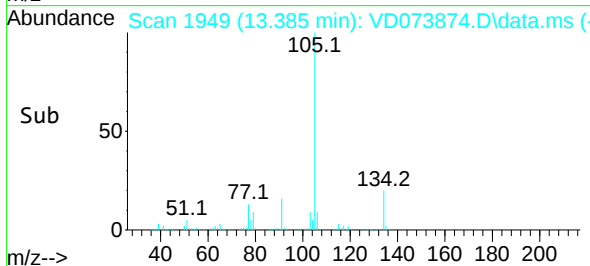
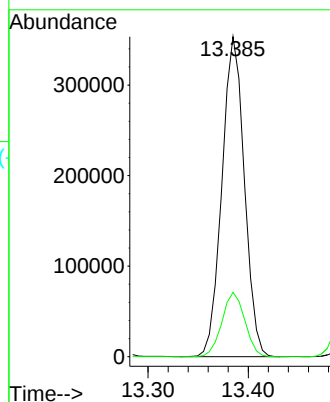
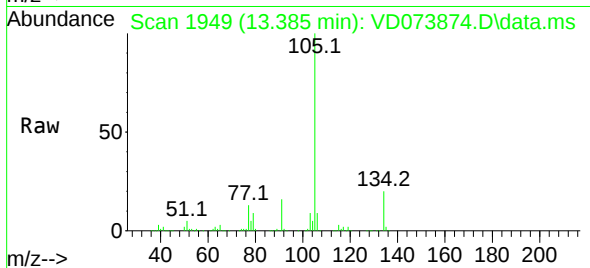
VSTDCCC050

Tgt Ion:105 Resp: 548897

Ion Ratio Lower Upper

105 100

134 20.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 53.800 ug/l

RT: 13.496 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

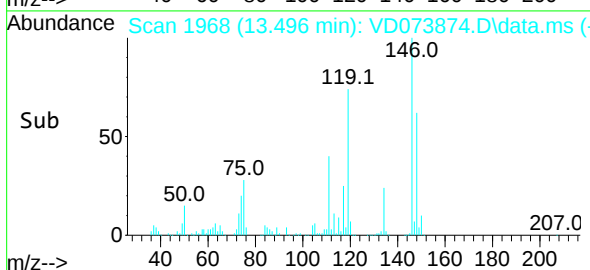
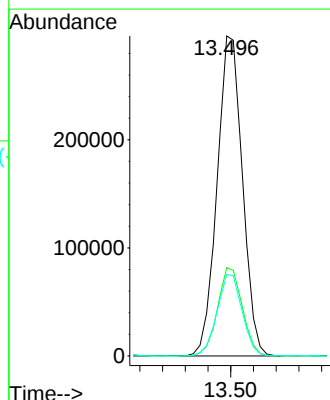
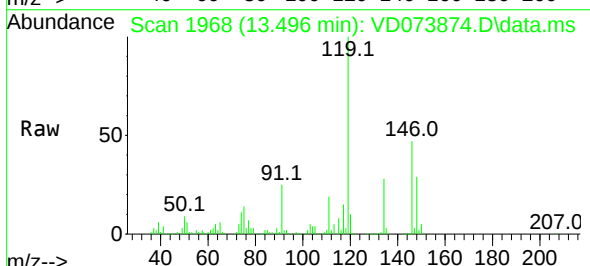
Tgt Ion:119 Resp: 459018

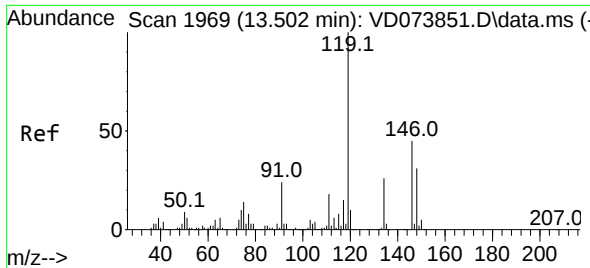
Ion Ratio Lower Upper

119 100

134 27.0 12.9 38.6

91 25.2 12.1 36.3

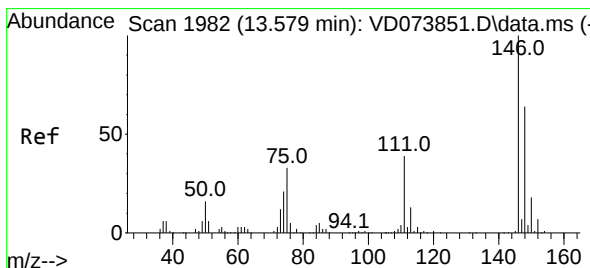
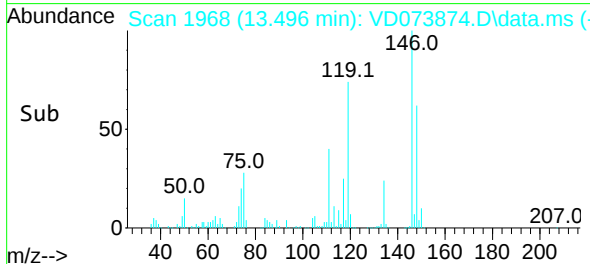
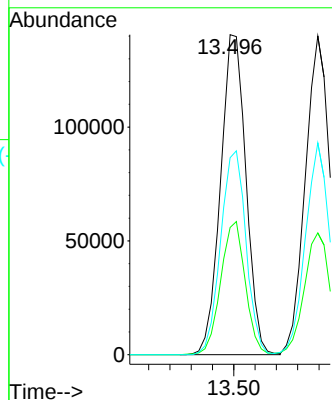
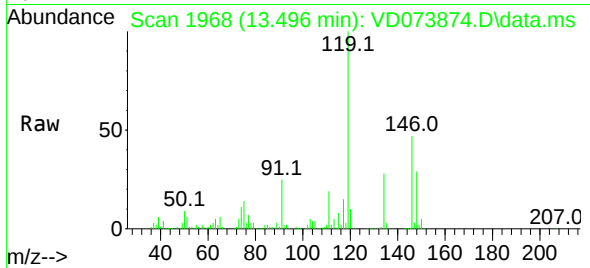




#87
1,3-Dichlorobenzene
Concen: 53.753 ug/l
RT: 13.496 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

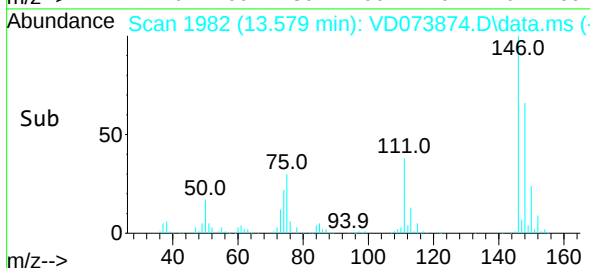
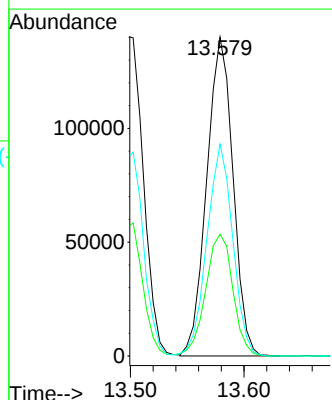
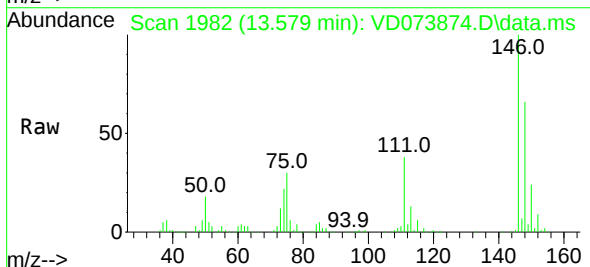
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

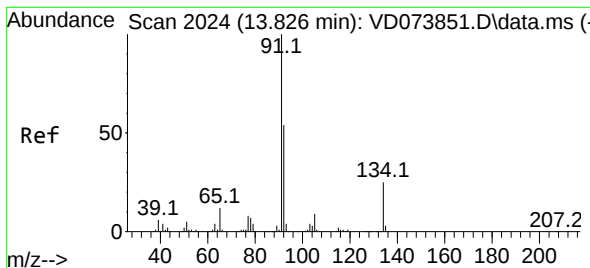
Tgt Ion:146 Resp: 233239
Ion Ratio Lower Upper
146 100
111 40.2 20.4 61.3
148 63.6 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 52.534 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion:146 Resp: 225325
Ion Ratio Lower Upper
146 100
111 39.5 20.3 60.9
148 65.4 31.7 95.1





#89

n-Butylbenzene

Concen: 53.584 ug/l

RT: 13.826 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

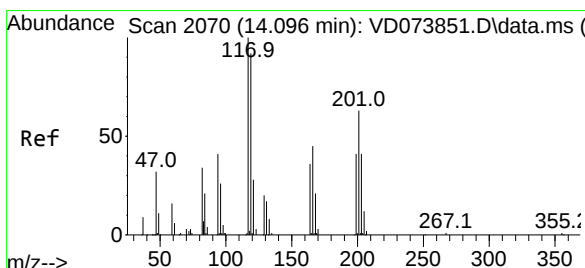
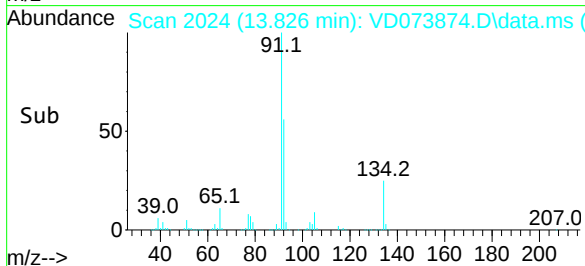
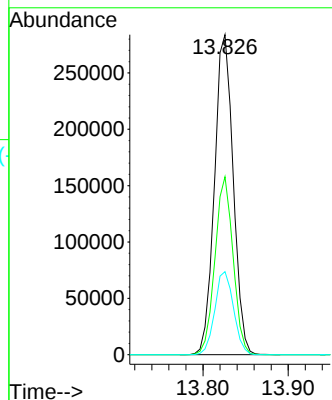
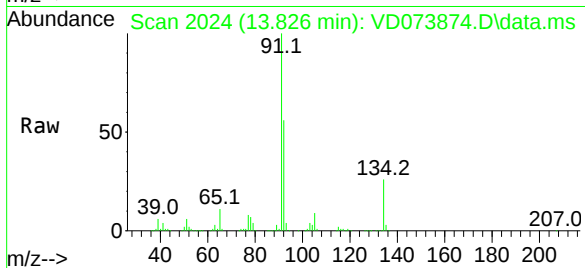
Tgt Ion: 91 Resp: 434067

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.8

134 26.0 12.3 36.9



#90

Hexachloroethane

Concen: 45.318 ug/l

RT: 14.091 min Scan# 2069

Delta R.T. -0.006 min

Lab File: VD073874.D

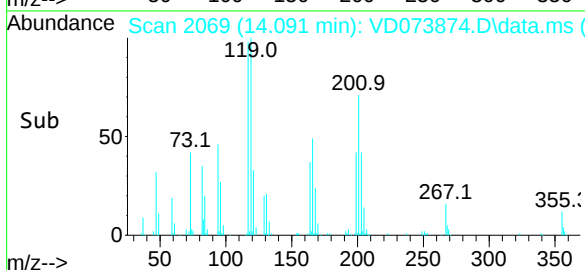
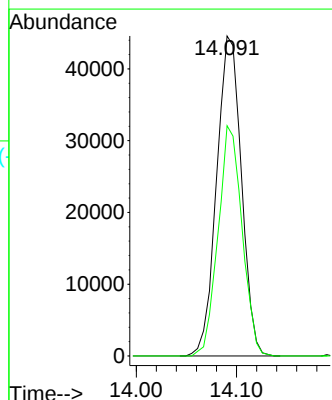
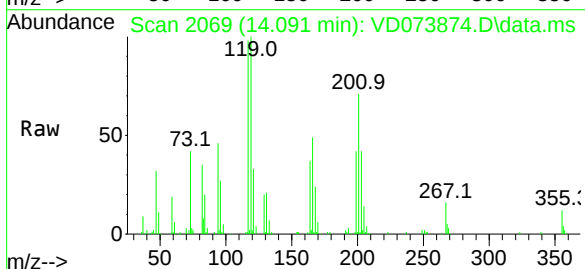
Acq: 20 Jul 2022 10:25

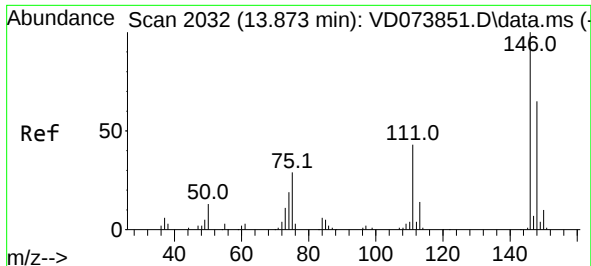
Tgt Ion: 117 Resp: 76404

Ion Ratio Lower Upper

117 100

201 69.7 33.4 100.2

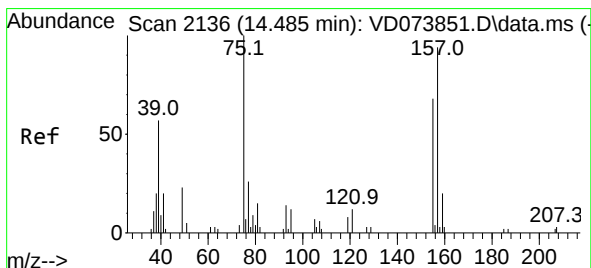
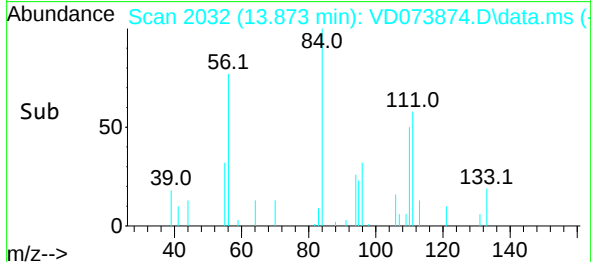
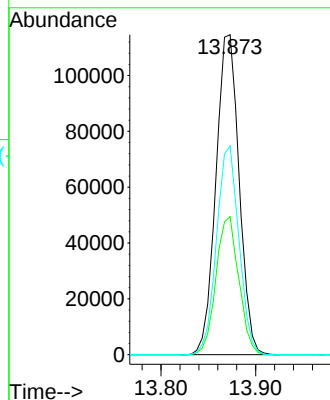
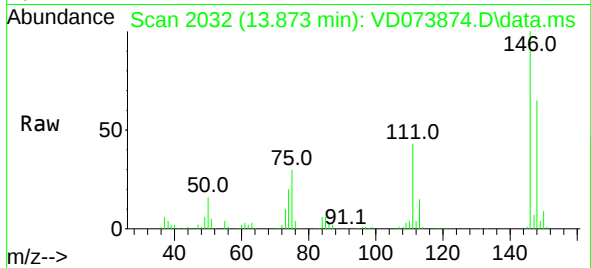




#91
1,2-Dichlorobenzene
Concen: 52.132 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

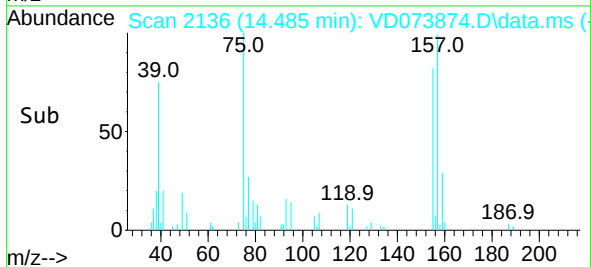
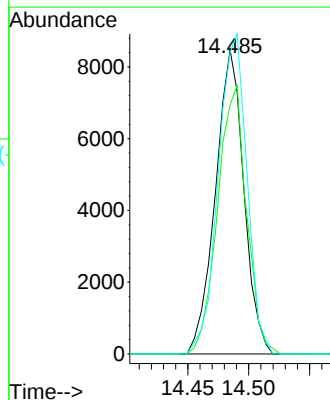
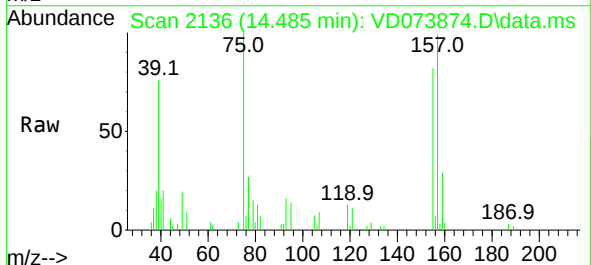
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

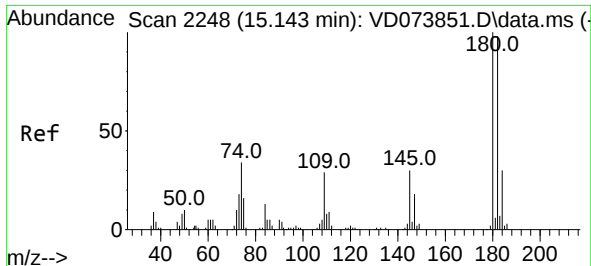
Tgt Ion:146 Resp: 195435
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.3
148 63.2 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.989 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion: 75 Resp: 13798
Ion Ratio Lower Upper
75 100
155 89.4 36.8 110.3
157 105.9 48.4 145.0

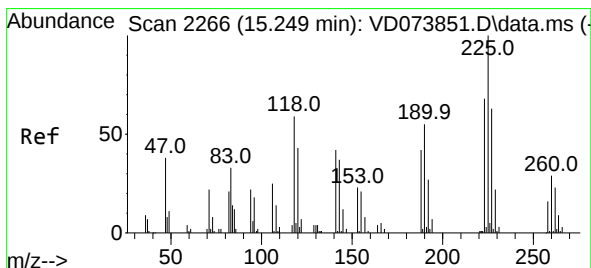
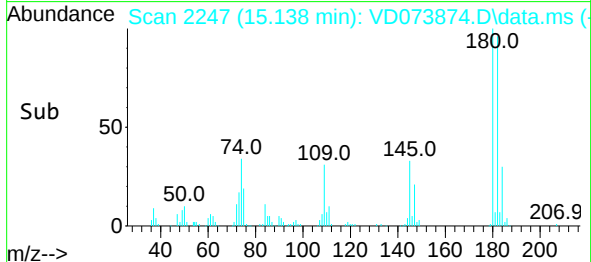
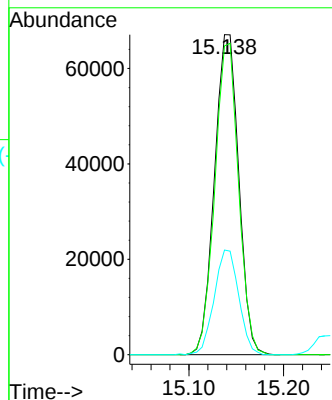
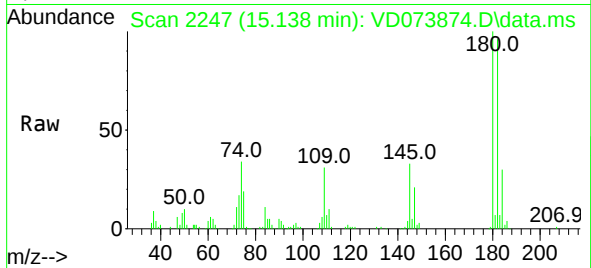




#93
1,2,4-Trichlorobenzene
Concen: 52.252 ug/l
RT: 15.138 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

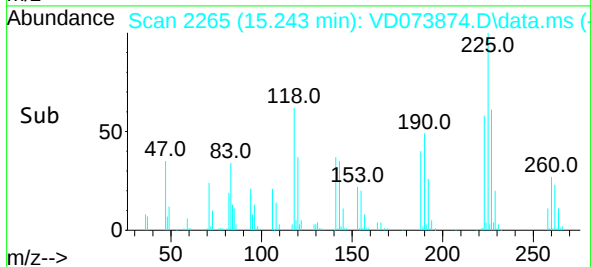
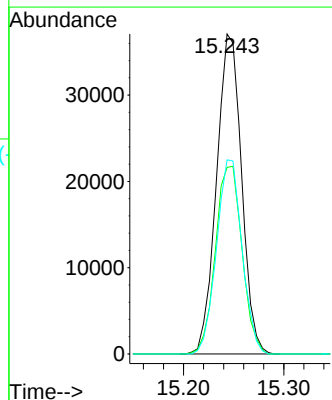
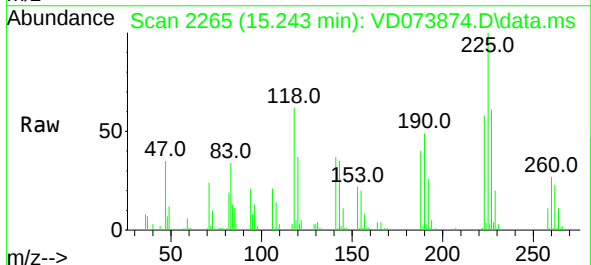
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

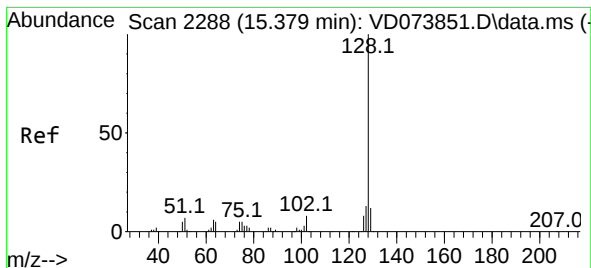
Tgt Ion:180 Resp: 119587
Ion Ratio Lower Upper
180 100
182 95.0 47.3 142.0
145 33.1 16.2 48.5



#94
Hexachlorobutadiene
Concen: 53.068 ug/l
RT: 15.243 min Scan# 2265
Delta R.T. -0.006 min
Lab File: VD073874.D
Acq: 20 Jul 2022 10:25

Tgt Ion:225 Resp: 64366
Ion Ratio Lower Upper
225 100
223 62.4 31.1 93.2
227 61.8 32.4 97.0





#95

Naphthalene

Concen: 54.854 ug/l

RT: 15.379 min Scan# 2288

Delta R.T. 0.000 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

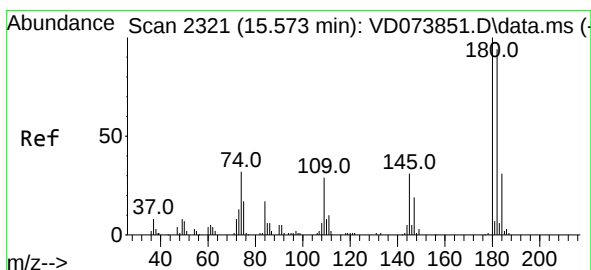
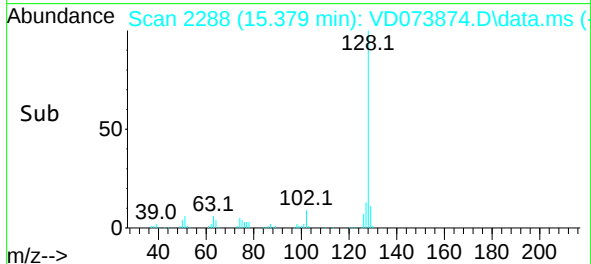
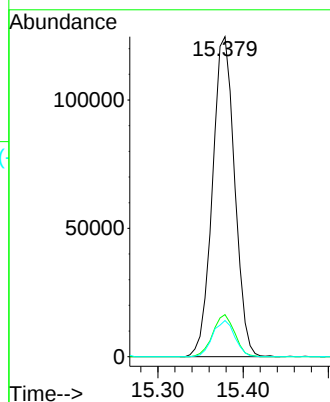
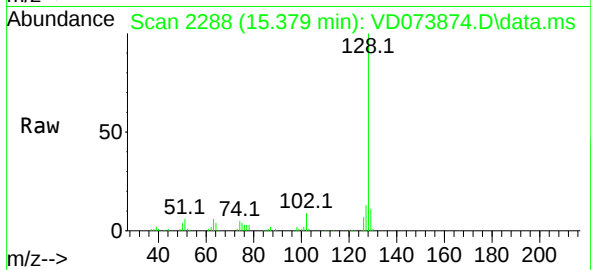
Tgt Ion:128 Resp: 225658

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.3 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 52.817 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. 0.000 min

Lab File: VD073874.D

Acq: 20 Jul 2022 10:25

Tgt Ion:180 Resp: 102774

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.9

145 35.6 17.1 51.3

