

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073186.D
 Acq On : 20 May 2022 15:20
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 20 18:21:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	324715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	542807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	526644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	260200	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	182316	50.805	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.600%	
35) Dibromofluoromethane	7.909	113	185141	51.689	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.380%	
50) Toluene-d8	10.332	98	705006	53.396	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.800%	
62) 4-Bromofluorobenzene	12.620	95	248494	53.628	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.260%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	142775	44.003	ug/l	100
3) Chloromethane	2.209	50	159132	43.373	ug/l	99
4) Vinyl Chloride	2.350	62	146289	43.604	ug/l	100
5) Bromomethane	2.762	94	102628	47.516	ug/l	93
6) Chloroethane	2.915	64	97488	47.269	ug/l	99
7) Trichlorofluoromethane	3.268	101	282289	47.586	ug/l	100
8) Diethyl Ether	3.709	74	83991	51.525	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.091	101	169585	47.912	ug/l	96
10) Methyl Iodide	4.303	142	168951	44.242	ug/l	98
11) Tert butyl alcohol	5.209	59	67169	120.642	ug/l #	94
12) 1,1-Dichloroethene	4.068	96	151733	46.497	ug/l	90
13) Acrolein	3.920	56	72612	336.380	ug/l	100
14) Allyl chloride	4.709	41	228269	43.335	ug/l #	92
15) Acrylonitrile	5.420	53	201348	270.121	ug/l	98
16) Acetone	4.156	43	158556	255.087	ug/l	99
17) Carbon Disulfide	4.409	76	484067	44.747	ug/l	99
18) Methyl Acetate	4.715	43	84559	48.923	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	388266	52.226	ug/l	99
20) Methylene Chloride	4.956	84	212860	54.336	ug/l	86
21) trans-1,2-Dichloroethene	5.467	96	193470	49.034	ug/l	93
22) Diisopropyl ether	6.362	45	571113	51.721	ug/l #	94
23) Vinyl Acetate	6.303	43	1559961	264.852	ug/l	95
24) 1,1-Dichloroethane	6.256	63	342450	48.316	ug/l	99
25) 2-Butanone	7.209	43	237237	260.875	ug/l	93
26) 2,2-Dichloropropane	7.203	77	287295	47.530	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	220852	50.586	ug/l	90
28) Bromochloromethane	7.544	49	128648	52.685	ug/l #	82
29) Tetrahydrofuran	7.556	42	158337	269.269	ug/l	91
30) Chloroform	7.703	83	369111	49.882	ug/l	98
31) Cyclohexane	7.979	56	287361	45.823	ug/l	92
32) 1,1,1-Trichloroethane	7.903	97	315387	48.732	ug/l	98
36) 1,1-Dichloropropene	8.108	75	267215	49.604	ug/l	96
37) Ethyl Acetate	7.291	43	114781	53.943	ug/l #	95
38) Carbon Tetrachloride	8.091	117	269186	49.296	ug/l	97
39) Methylcyclohexane	9.350	83	300659	50.080	ug/l	98
40) Benzene	8.344	78	792847	51.068	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	66511	53.650	ug/l #	90
42) 1,2-Dichloroethane	8.420	62	222769	51.568	ug/l	95
43) Isopropyl Acetate	8.444	43	213196	54.207	ug/l #	94
44) Trichloroethene	9.108	130	208227	50.296	ug/l	95
45) 1,2-Dichloropropane	9.379	63	202289	51.738	ug/l	98
46) Dibromomethane	9.467	93	111540	51.943	ug/l	98
47) Bromodichloromethane	9.655	83	280874	51.119	ug/l	98
48) Methyl methacrylate	9.450	41	111947	56.575	ug/l	92
49) 1,4-Dioxane	9.450	88	25123	1132.895	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	572273	280.153	ug/l	94
52) Toluene	10.397	92	514168	52.409	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	256128	51.599	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	304265	51.222	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	155196	53.446	ug/l	98
56) Ethyl methacrylate	10.650	69	188523	58.392	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	260737	53.514	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	379945	247.896	ug/l	96
59) 2-Hexanone	10.973	43	391092	290.400	ug/l	94
60) Dibromochloromethane	11.132	129	192995	53.301	ug/l	99
61) 1,2-Dibromoethane	11.238	107	146706	52.871	ug/l	98
64) Tetrachloroethene	10.867	164	167397	48.529	ug/l	97
65) Chlorobenzene	11.661	112	538464	49.839	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	207572	51.804	ug/l	98
67) Ethyl Benzene	11.738	91	977020	51.514	ug/l	98
68) m/p-Xylenes	11.844	106	771717	104.731	ug/l	97
69) o-Xylene	12.173	106	353443	52.214	ug/l	97
70) Styrene	12.185	104	618144	53.077	ug/l	98
71) Bromoform	12.349	173	111137	53.892	ug/l #	100
73) Isopropylbenzene	12.467	105	939881	50.669	ug/l	100
74) N-amyl acetate	12.279	43	214358	52.972	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	178518	52.182	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	223721	87.630	ug/l #	100
77) Bromobenzene	12.749	156	219812	50.340	ug/l	93
78) n-propylbenzene	12.808	91	1183555	50.824	ug/l	99
79) 2-Chlorotoluene	12.896	91	670975	49.902	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	802933	51.099	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	54666	51.404	ug/l	90
82) 4-Chlorotoluene	12.991	91	709488	50.342	ug/l	99
83) tert-Butylbenzene	13.208	119	680220	51.364	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	801185	51.612	ug/l	99
85) sec-Butylbenzene	13.391	105	1019288	50.407	ug/l	99
86) p-Isopropyltoluene	13.502	119	847616	51.422	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	444188	50.468	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	439284	49.443	ug/l	99
89) n-Butylbenzene	13.826	91	808145	51.456	ug/l	99
90) Hexachloroethane	14.096	117	169347	49.652	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	384048	50.431	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	25990	49.608	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	222855	51.546	ug/l	98
94) Hexachlorobutadiene	15.249	225	114547	47.017	ug/l	97
95) Naphthalene	15.379	128	425452	49.968	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	196213	51.193	ug/l	99

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QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

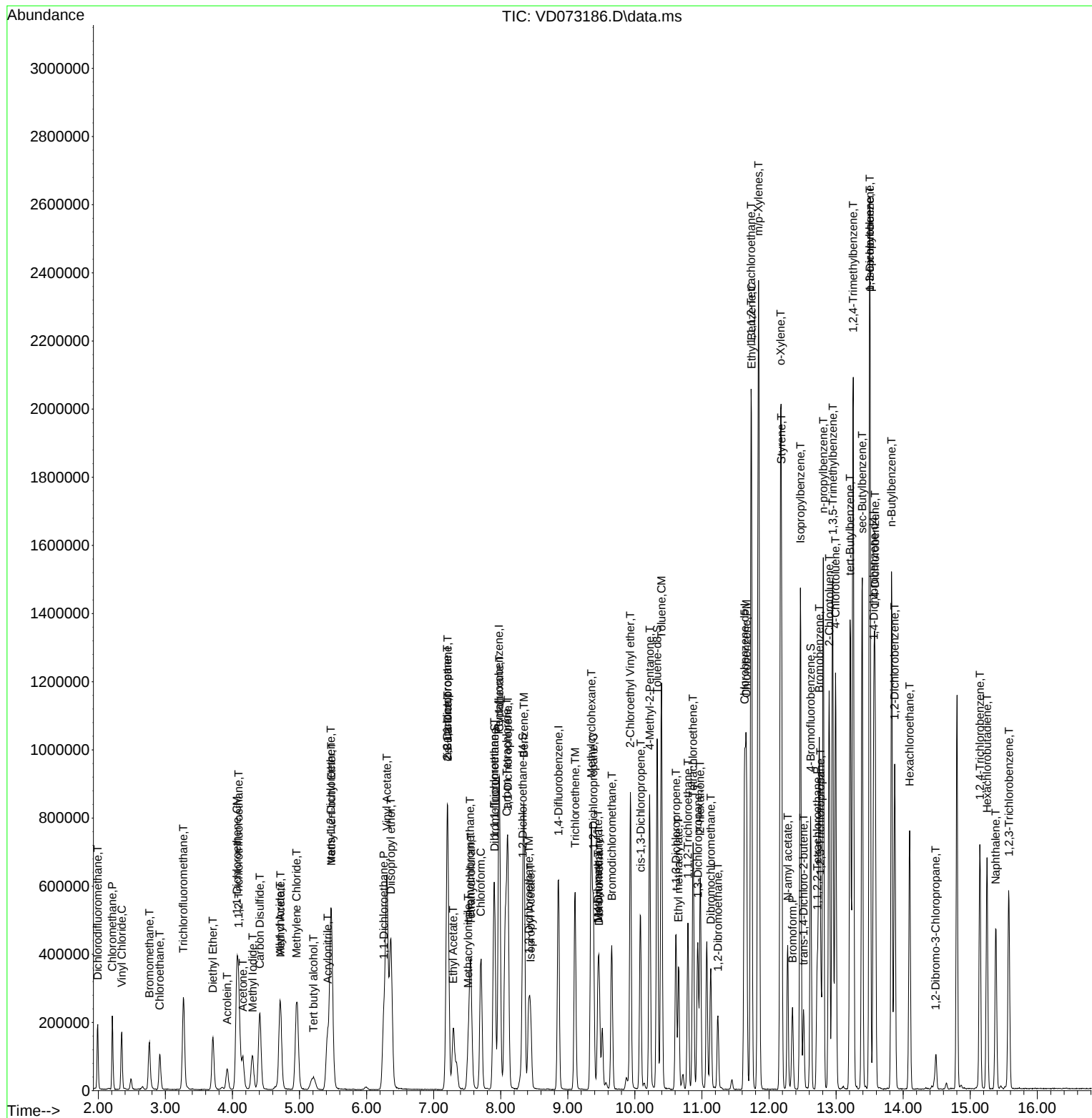
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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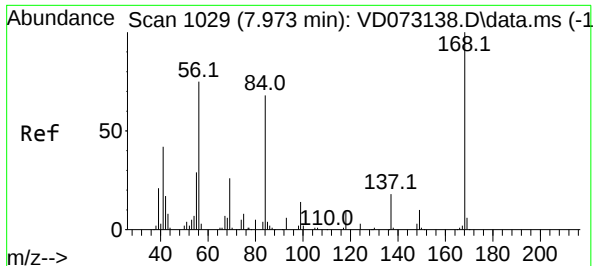
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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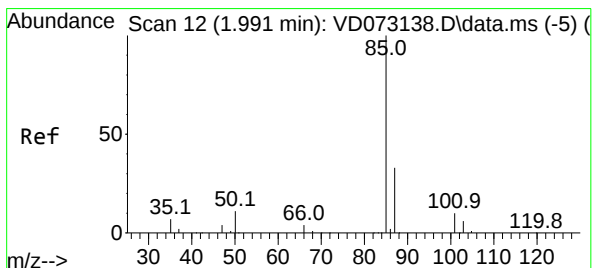
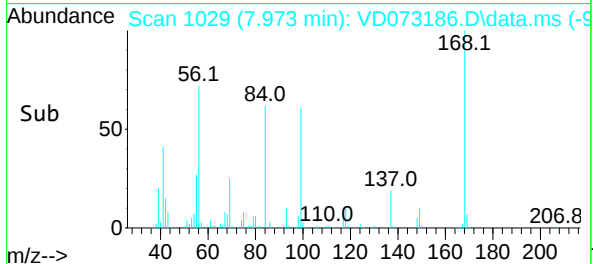
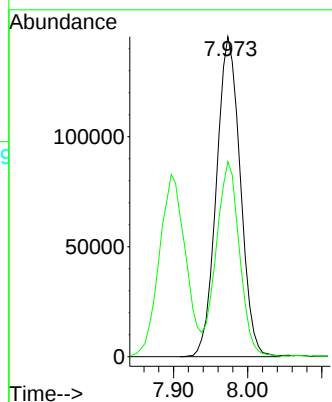
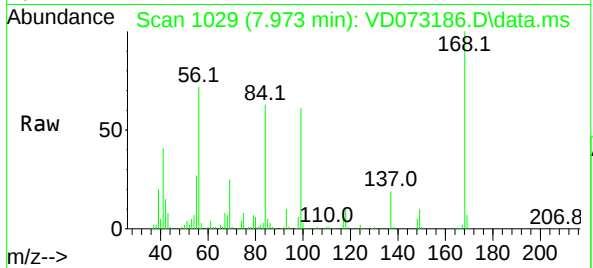




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073186.D
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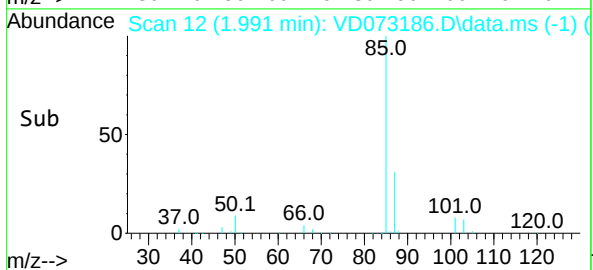
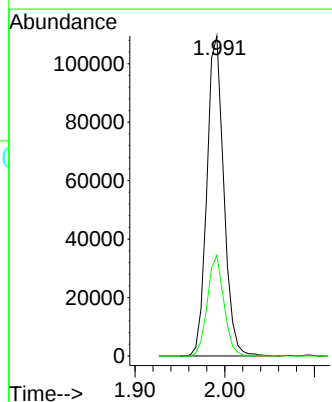
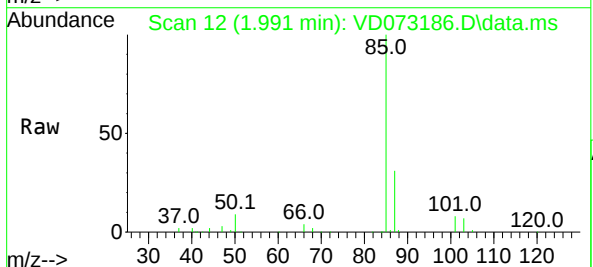
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

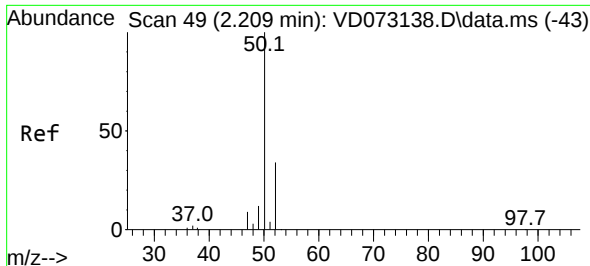
Tgt Ion:168 Resp: 324715
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 44.003 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 85 Resp: 142775
Ion Ratio Lower Upper
85 100
87 31.5 15.7 47.0

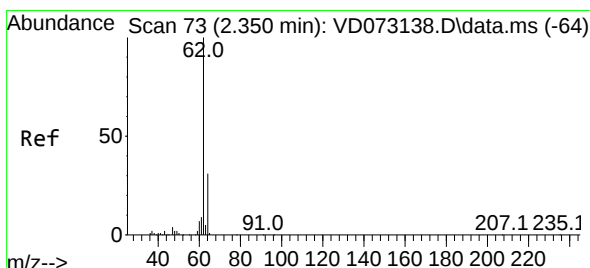
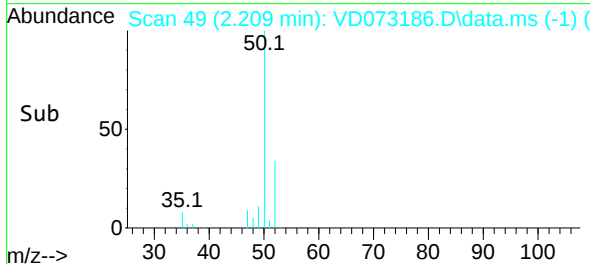
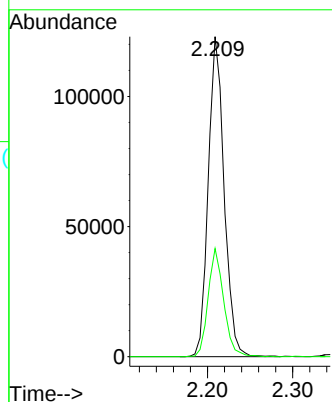
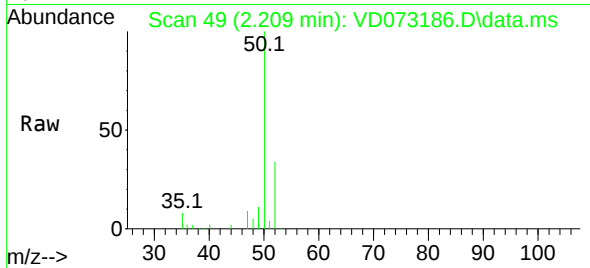




#3
Chloromethane
Concen: 43.373 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

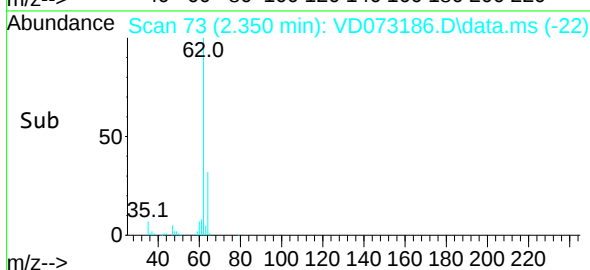
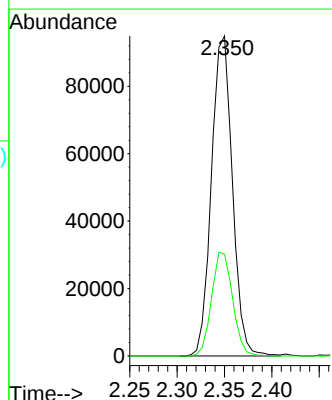
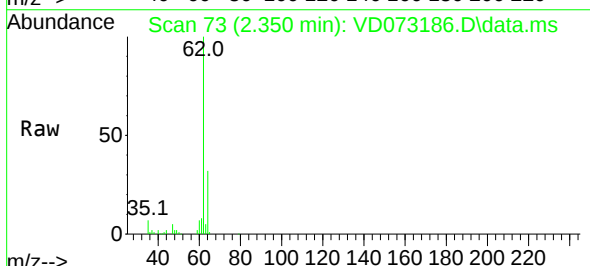
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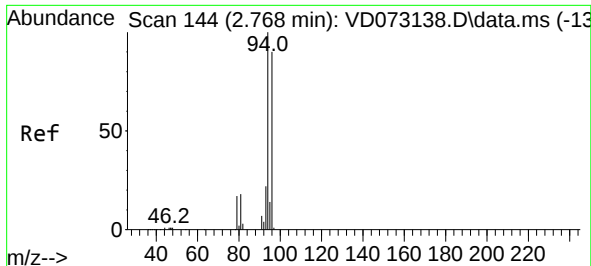
Tgt Ion: 50 Resp: 159132
Ion Ratio Lower Upper
50 100
52 33.8 27.4 41.0



#4
Vinyl Chloride
Concen: 43.604 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 62 Resp: 146289
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0

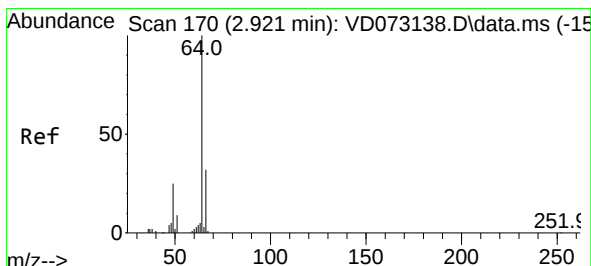
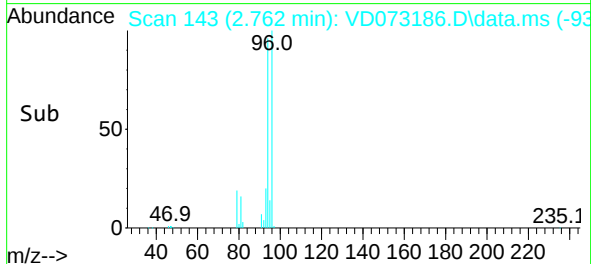
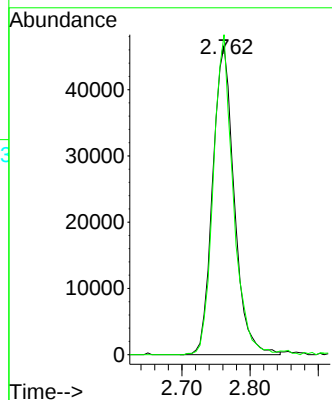
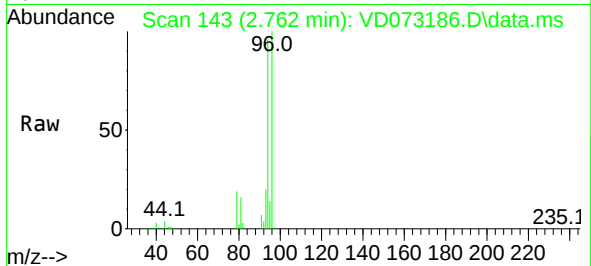




#5
Bromomethane
Concen: 47.516 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073186.D
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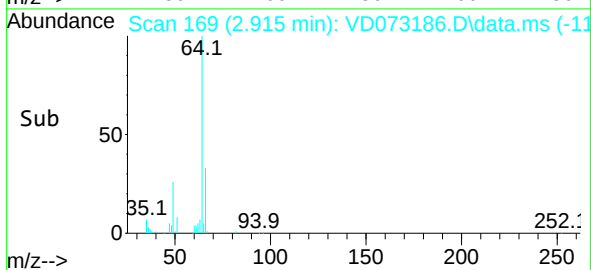
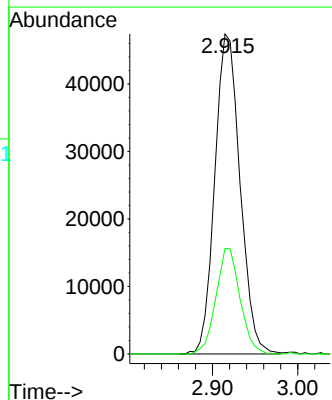
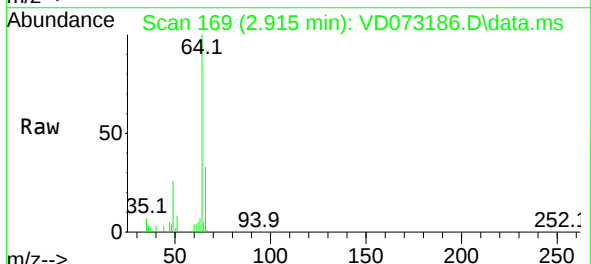
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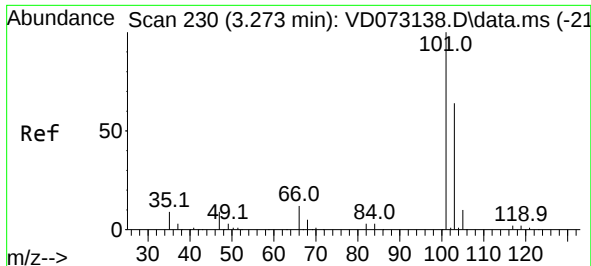
Tgt Ion: 94 Resp: 102628
Ion Ratio Lower Upper
94 100
96 103.7 77.6 116.4



#6
Chloroethane
Concen: 47.269 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073186.D
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Tgt Ion: 64 Resp: 97488
Ion Ratio Lower Upper
64 100
66 33.0 25.9 38.9

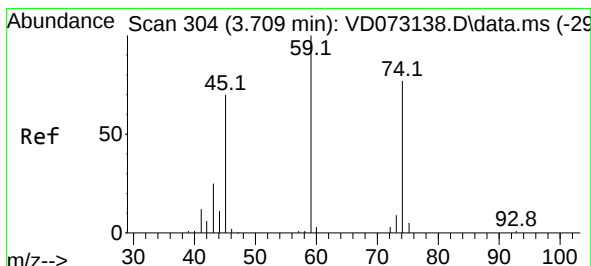
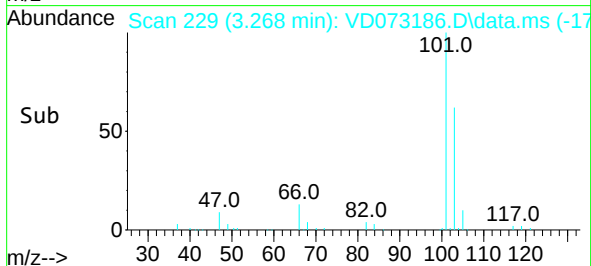
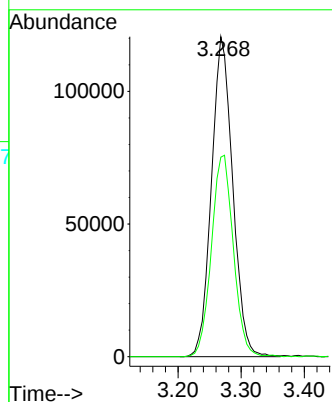
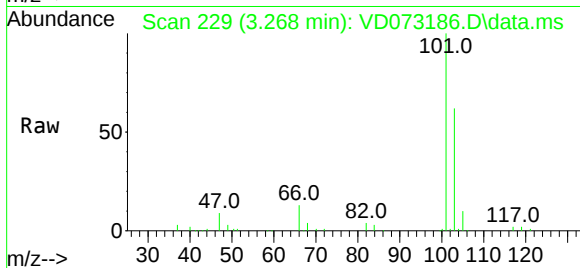




#7
 Trichlorofluoromethane
 Concen: 47.586 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD073186.D
 Acq: 20 May 2022 15:20

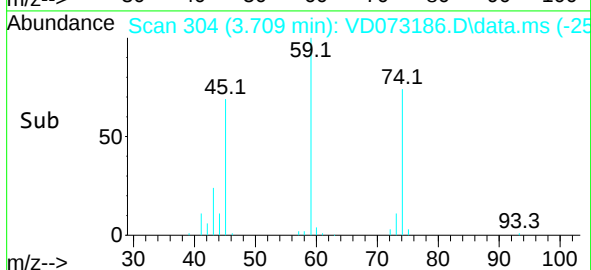
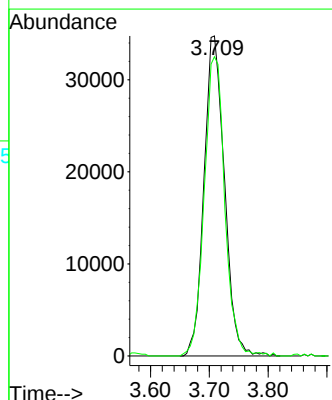
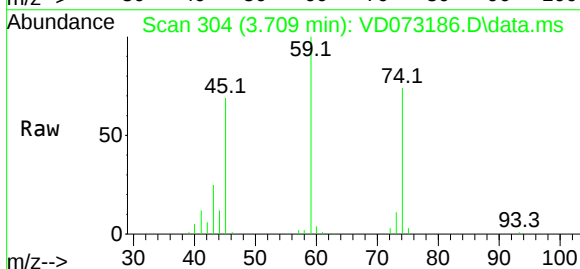
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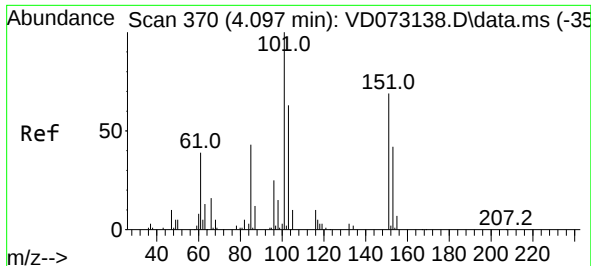
Tgt Ion:101 Resp: 282289
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.1 75.1



#8
 Diethyl Ether
 Concen: 51.525 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073186.D
 Acq: 20 May 2022 15:20

Tgt Ion: 74 Resp: 83991
 Ion Ratio Lower Upper
 74 100
 45 94.3 52.6 157.8

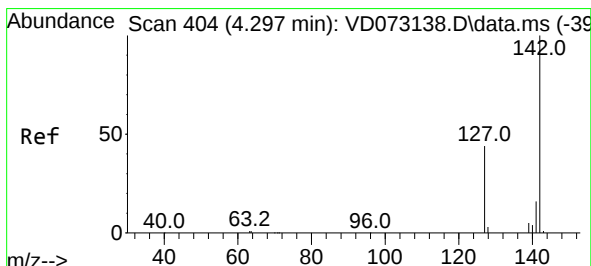
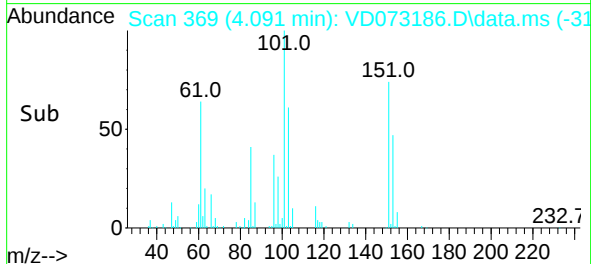
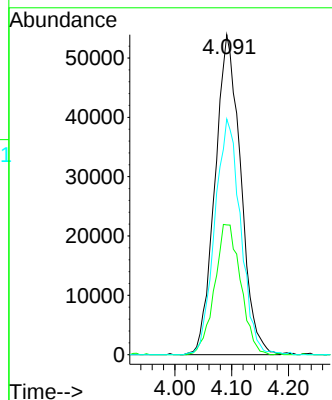
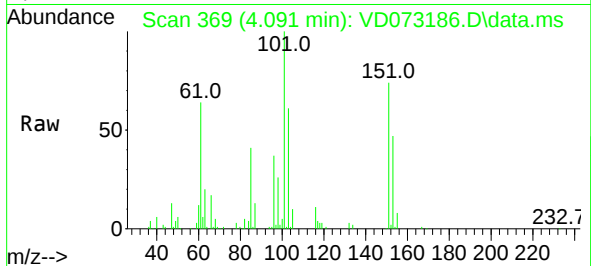




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.912 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

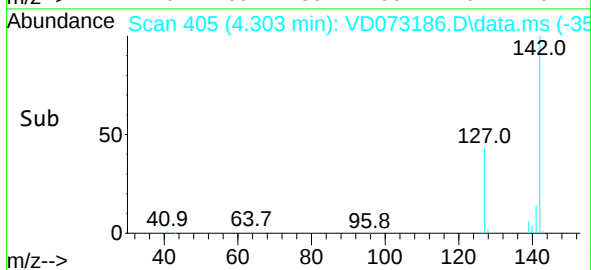
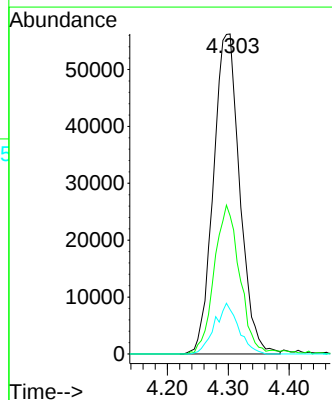
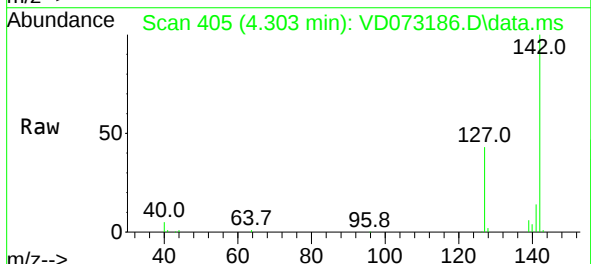
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

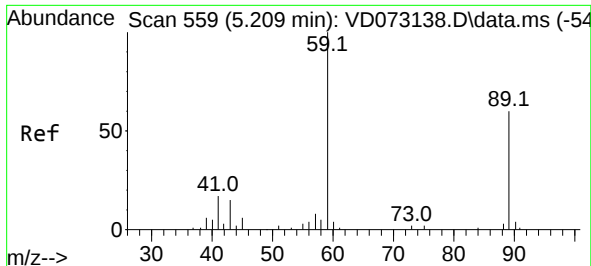
Tgt Ion:101 Resp: 169585
Ion Ratio Lower Upper
101 100
85 41.2 36.4 54.6
151 74.2 57.3 85.9



#10
Methyl Iodide
Concen: 44.242 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion:142 Resp: 168951
Ion Ratio Lower Upper
142 100
127 44.9 37.3 55.9
141 14.5 11.7 17.5





#11

Tert butyl alcohol

Concen: 120.642 ug/l

RT: 5.209 min Scan# 51

Delta R.T. -0.000 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

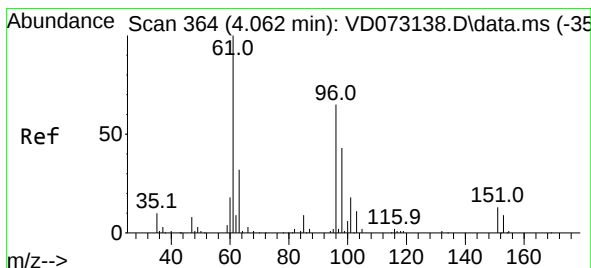
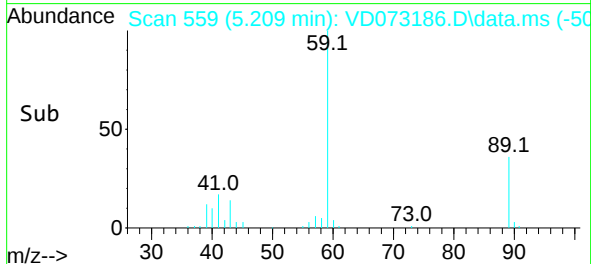
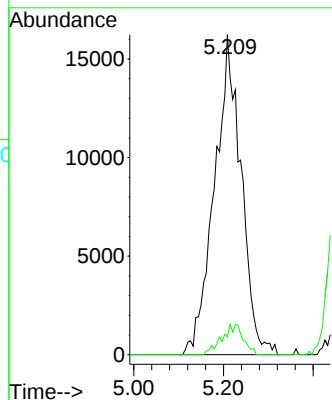
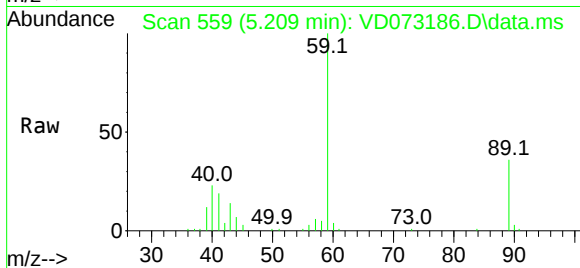
VSTDCCC050EC

Tgt Ion: 59 Resp: 67169

Ion Ratio Lower Upper

59 100

57 7.6 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 46.497 ug/l

RT: 4.068 min Scan# 365

Delta R.T. 0.006 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

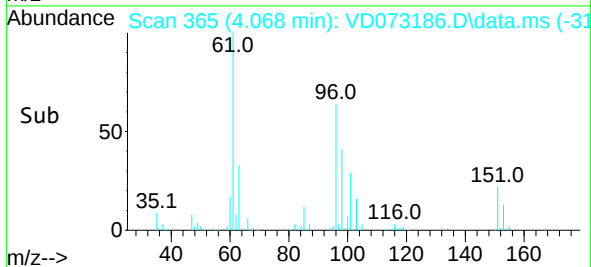
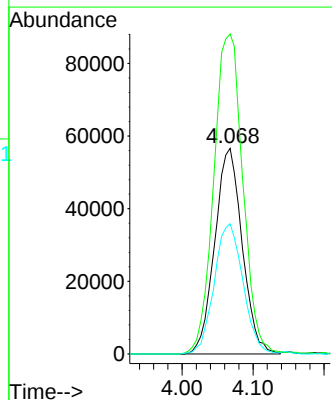
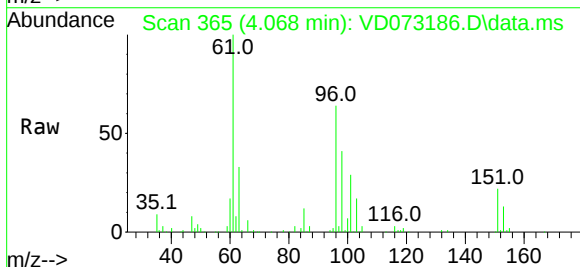
Tgt Ion: 96 Resp: 151733

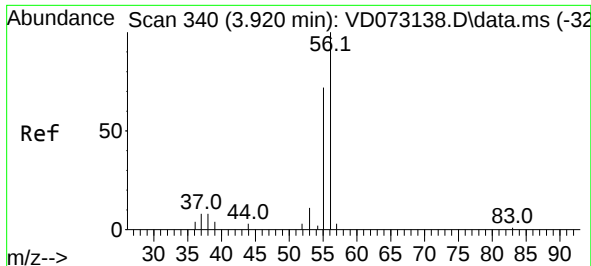
Ion Ratio Lower Upper

96 100

61 155.6 138.5 207.7

98 63.4 48.6 73.0

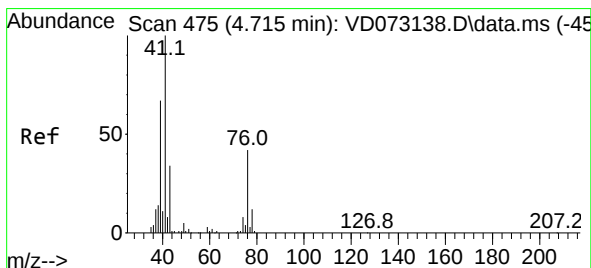
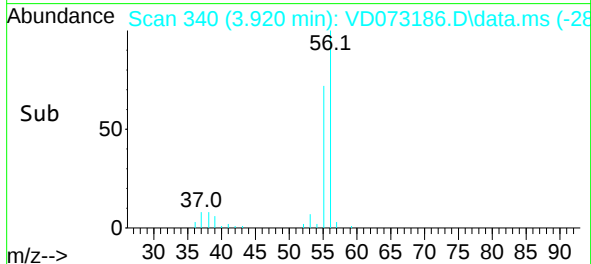
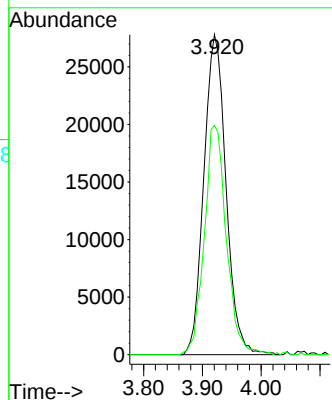
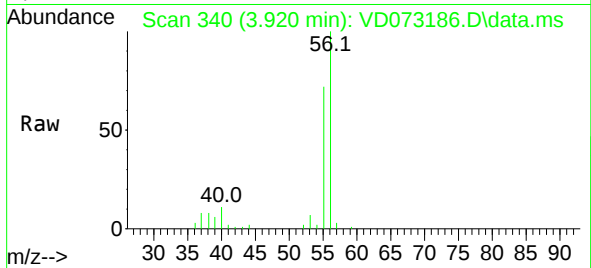




#13
Acrolein
Concen: 336.380 ug/l
RT: 3.920 min Scan# 34
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

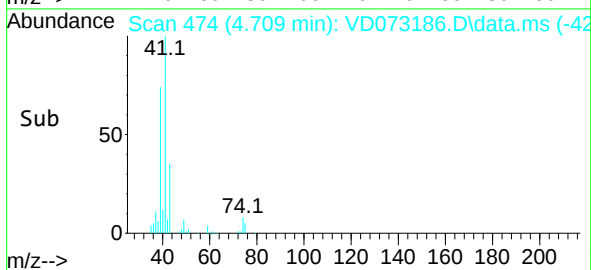
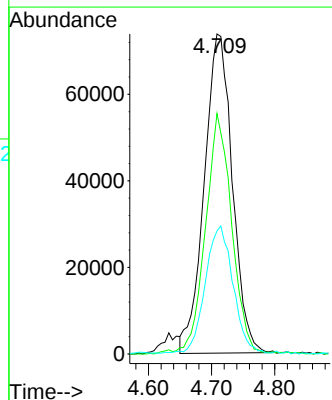
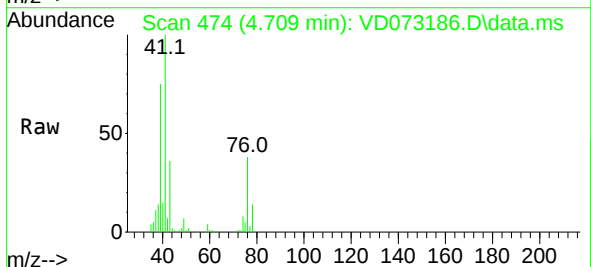
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

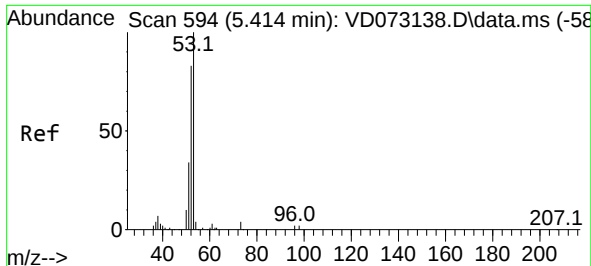
Tgt Ion: 56 Resp: 72612
Ion Ratio Lower Upper
56 100
55 71.6 57.1 85.7



#14
Allyl chloride
Concen: 43.335 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

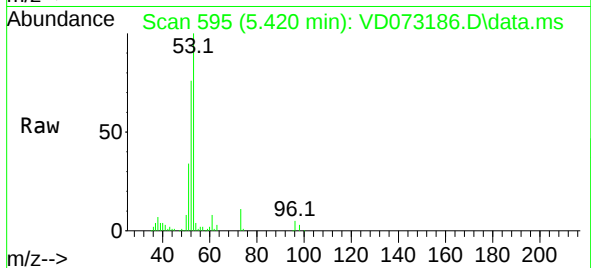
Tgt Ion: 41 Resp: 228269
Ion Ratio Lower Upper
41 100
39 69.0 59.3 88.9
76 39.2 25.7 38.5#





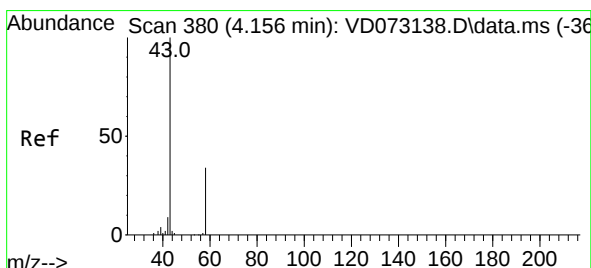
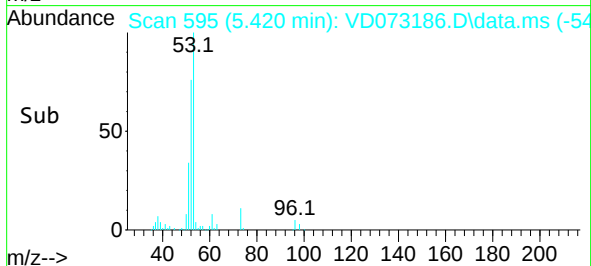
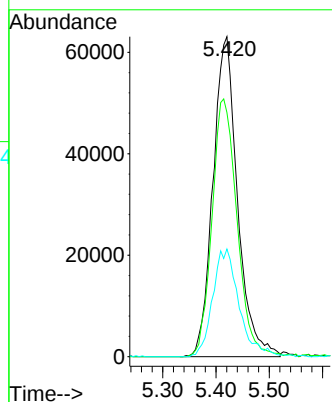
#15
Acrylonitrile
Concen: 270.121 ug/l
RT: 5.420 min Scan# 594
Delta R.T. 0.006 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 201348

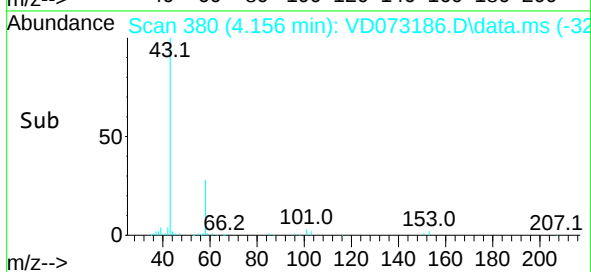
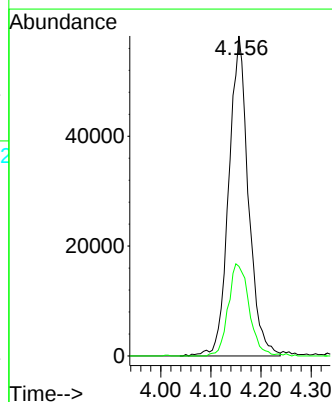
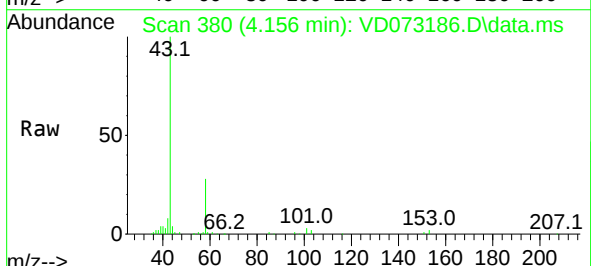
Ion	Ratio	Lower	Upper
53	100		
52	82.3	67.2	100.8
51	36.3	30.3	45.5

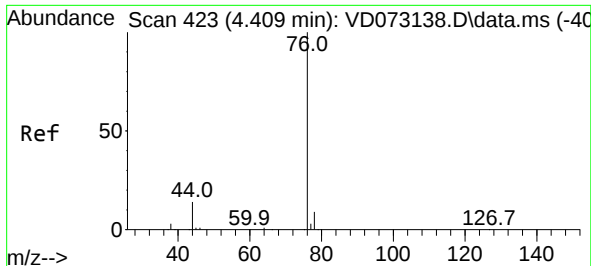


#16
Acetone
Concen: 255.087 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 43 Resp: 158556

Ion	Ratio	Lower	Upper
43	100		
58	28.0	22.1	33.1

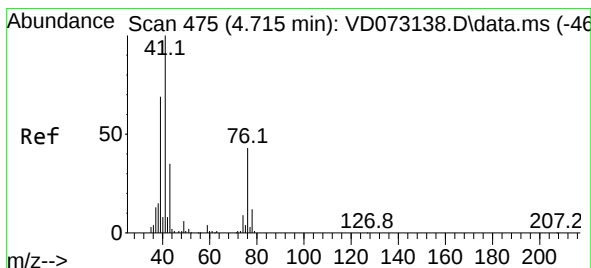
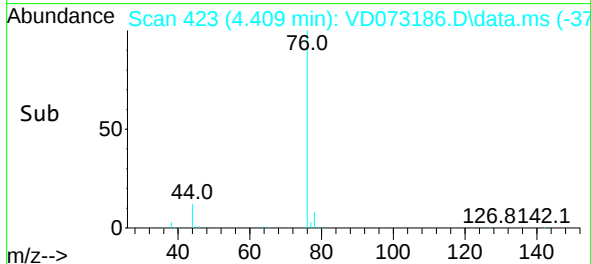
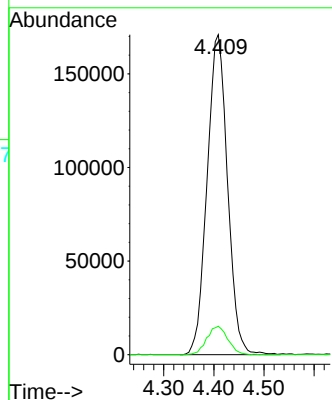
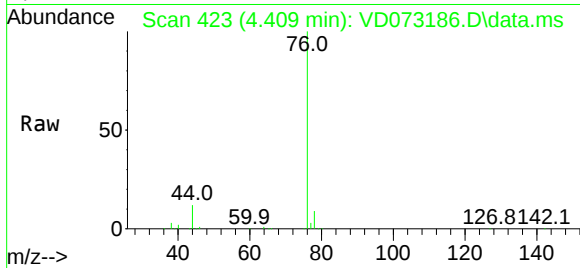




#17
Carbon Disulfide
Concen: 44.747 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

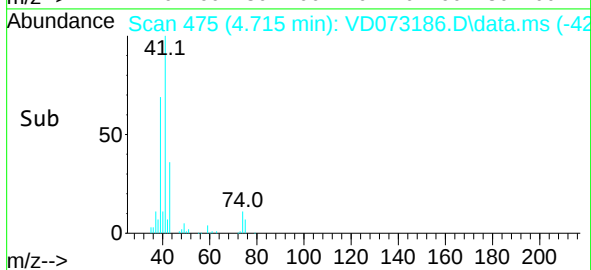
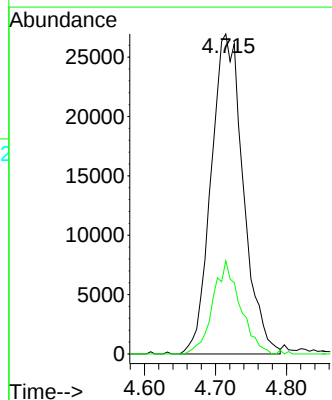
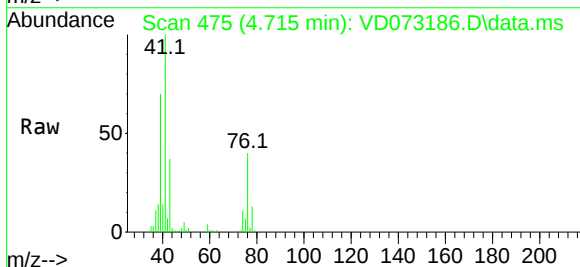
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

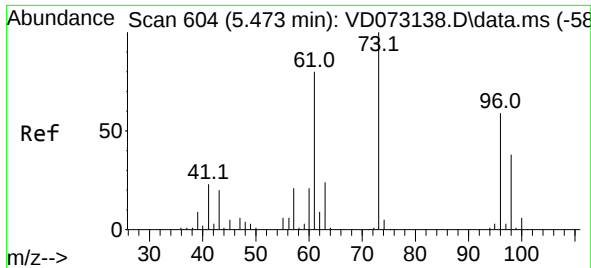
Tgt Ion: 76 Resp: 484067
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 48.923 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 43 Resp: 84559
Ion Ratio Lower Upper
43 100
74 24.8 16.7 25.1

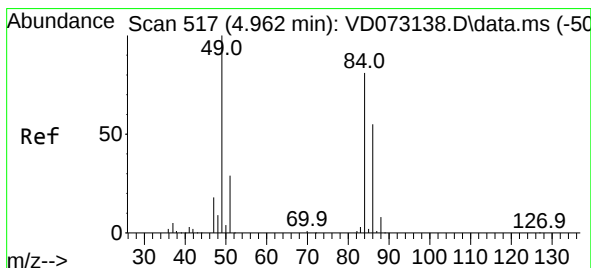
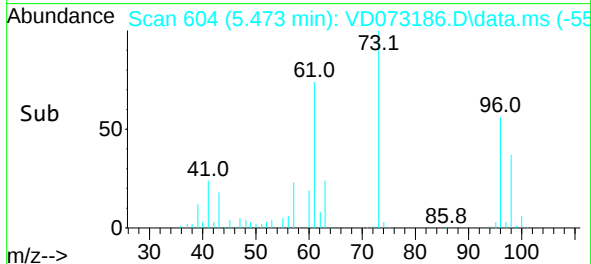
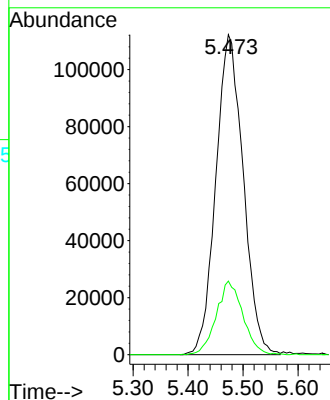
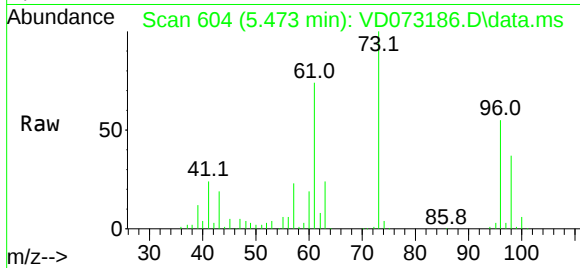




#19
Methyl tert-butyl Ether
Concen: 52.226 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

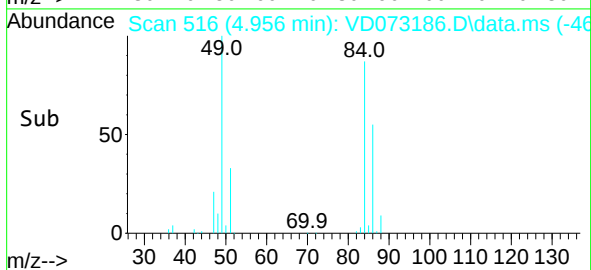
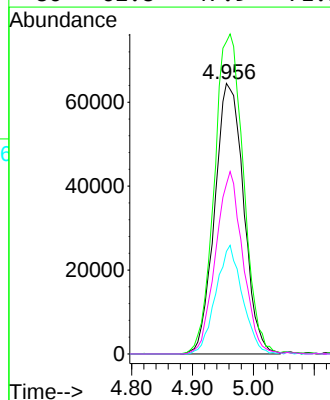
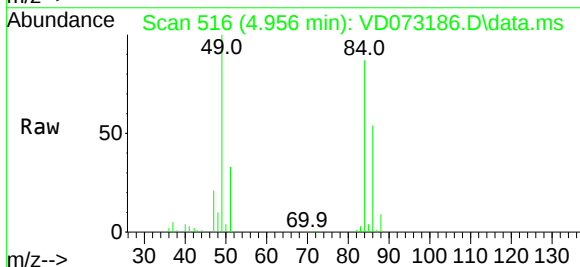
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

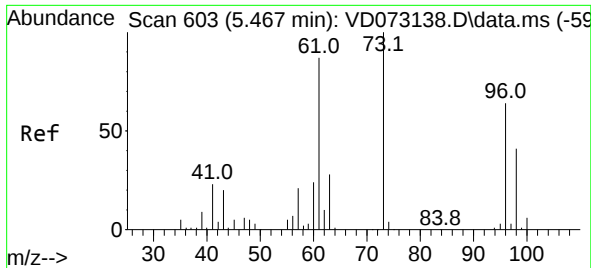
Tgt Ion: 73 Resp: 388266
Ion Ratio Lower Upper
73 100
57 23.0 18.0 27.0



#20
Methylene Chloride
Concen: 54.336 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 84 Resp: 212860
Ion Ratio Lower Upper
84 100
49 115.4 112.8 169.2
51 37.9 32.6 48.8
86 62.8 47.9 71.9

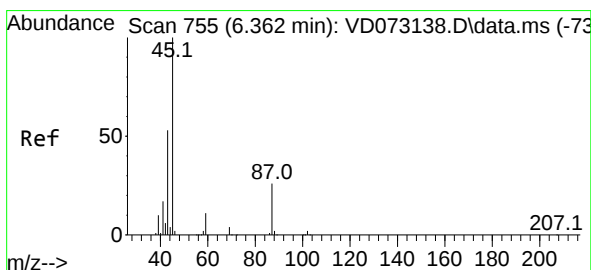
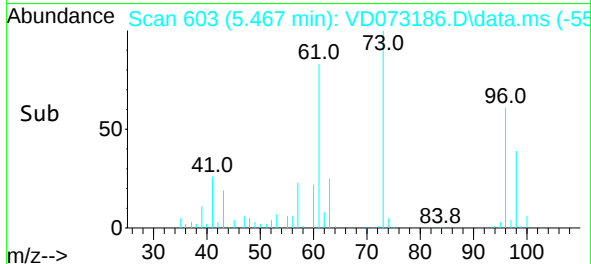
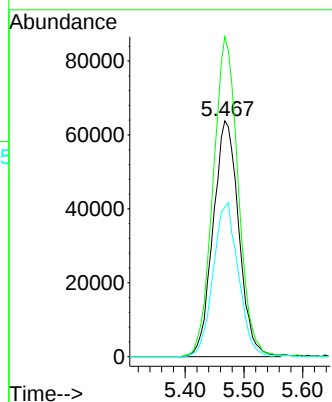
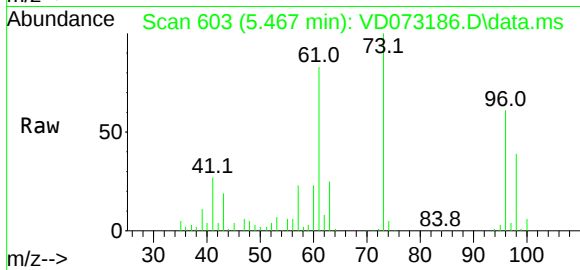




#21
trans-1,2-Dichloroethene
Concen: 49.034 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

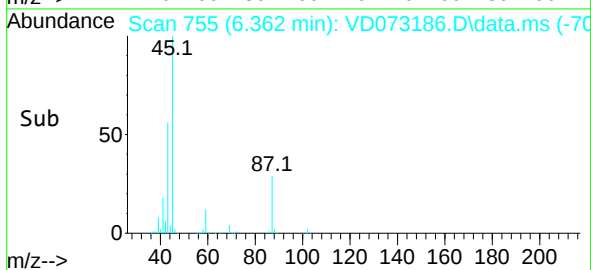
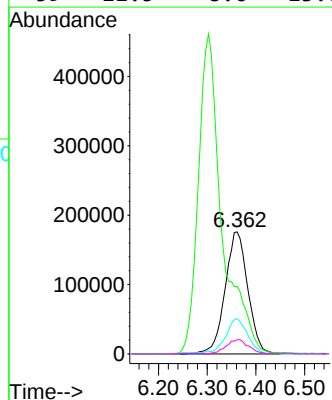
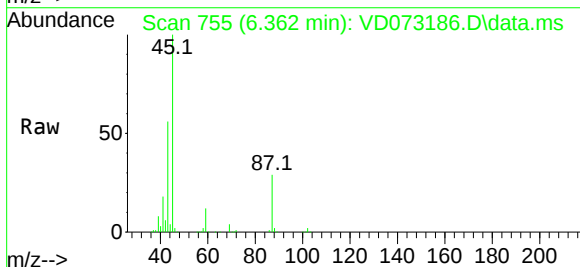
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 193470
Ion Ratio Lower Upper
96 100
61 135.7 117.9 176.9
98 63.3 49.4 74.2



#22
Diisopropyl ether
Concen: 51.721 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 45 Resp: 571113
Ion Ratio Lower Upper
45 100
43 54.6 46.6 70.0
87 28.8 18.4 27.6#
59 11.5 8.6 13.0

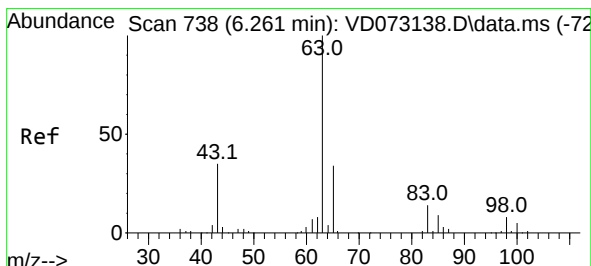
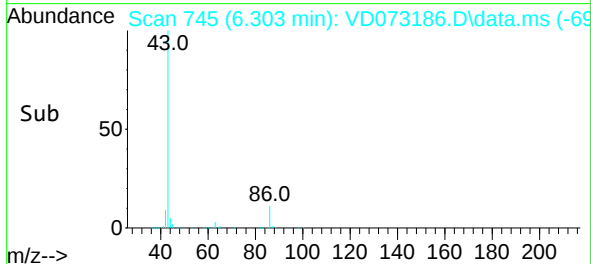
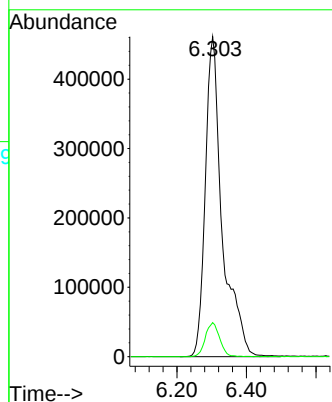
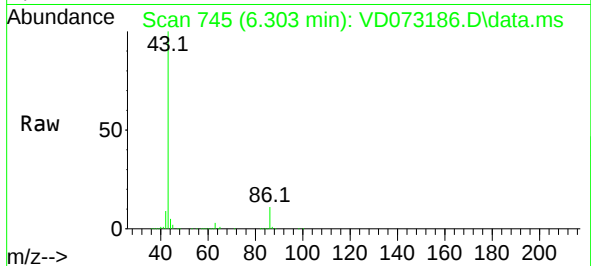




#23
 Vinyl Acetate
 Concen: 264.852 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073186.D
 Acq: 20 May 2022 15:20

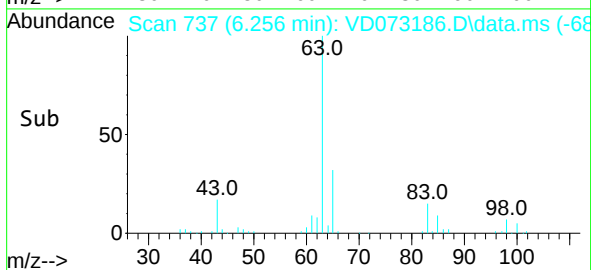
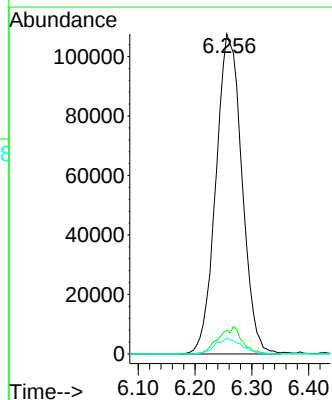
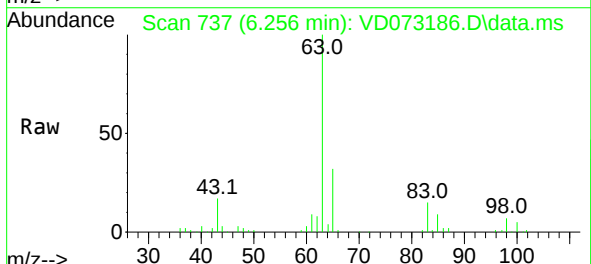
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

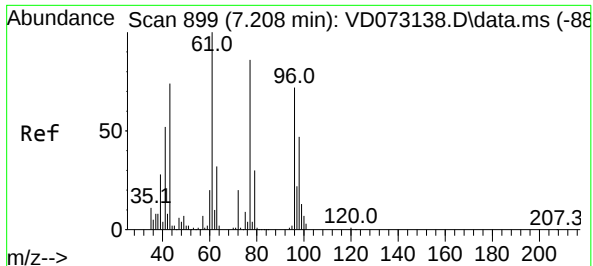
Tgt Ion: 43 Resp: 1559961
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 48.316 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073186.D
 Acq: 20 May 2022 15:20

Tgt Ion: 63 Resp: 342450
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 5.0 2.1 6.5





#25

2-Butanone

Concen: 260.875 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.001 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

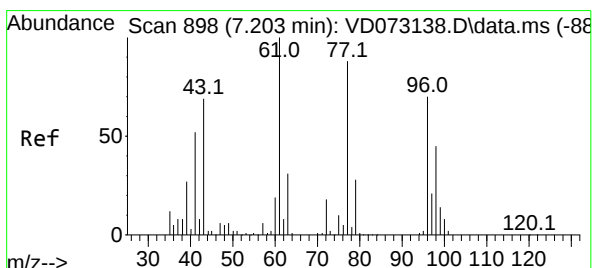
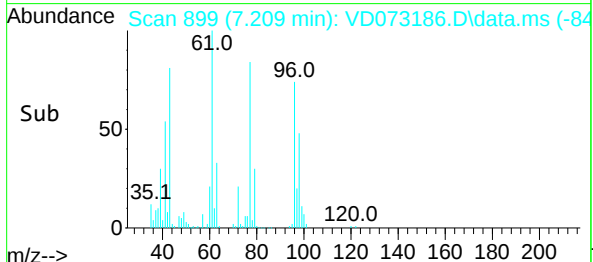
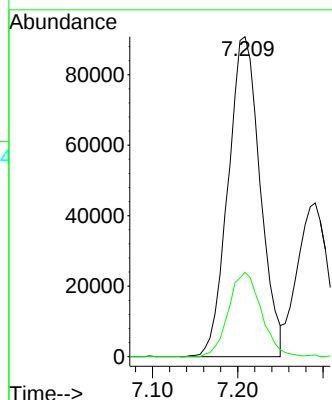
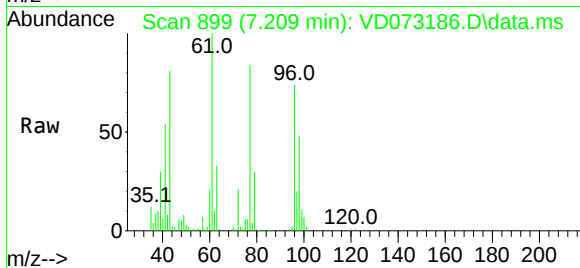
VSTDCCC050EC

Tgt Ion: 43 Resp: 237237

Ion Ratio Lower Upper

43 100

72 26.4 18.6 27.8



#26

2,2-Dichloropropane

Concen: 47.530 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD073186.D

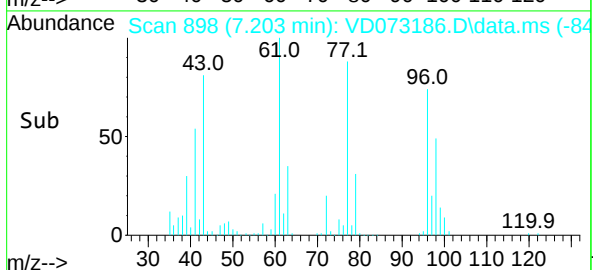
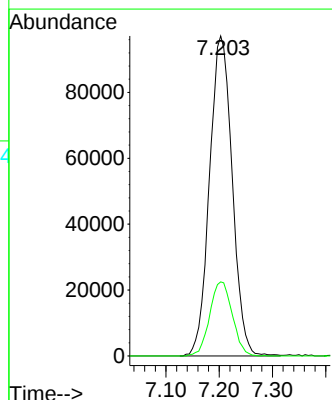
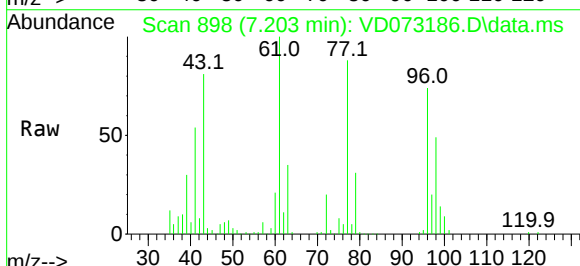
Acq: 20 May 2022 15:20

Tgt Ion: 77 Resp: 287295

Ion Ratio Lower Upper

77 100

97 23.0 10.8 32.4

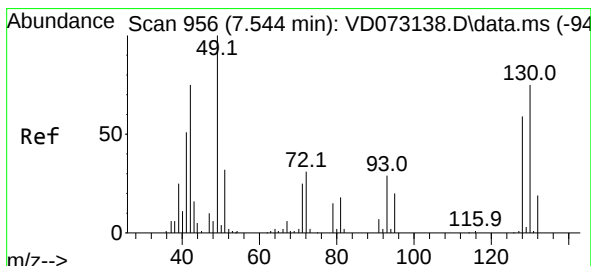
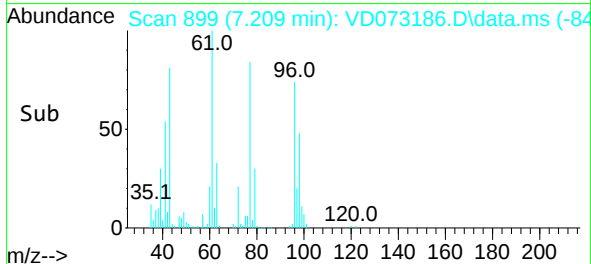
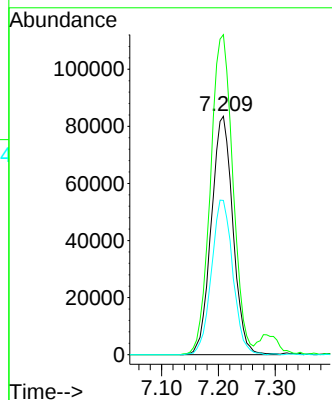
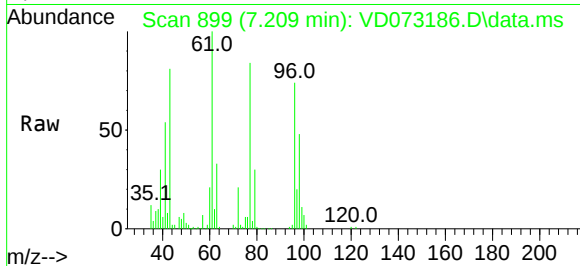




#27
 cis-1,2-Dichloroethene
 Concen: 50.586 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. 0.001 min
 Lab File: VD073186.D
 Acq: 20 May 2022 15:20

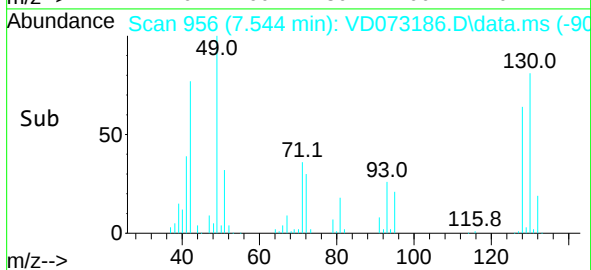
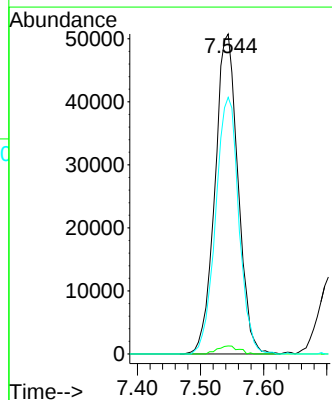
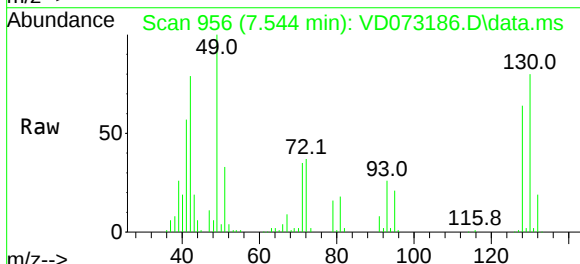
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

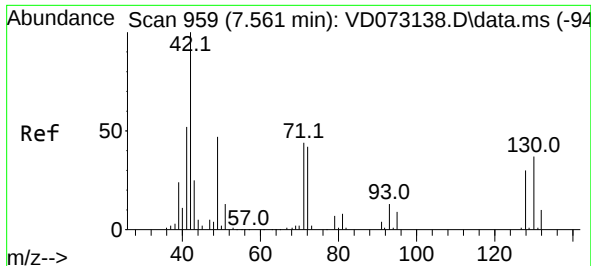
Tgt Ion: 96 Resp: 220852
 Ion Ratio Lower Upper
 96 100
 61 139.3 0.0 313.8
 98 64.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 52.685 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD073186.D
 Acq: 20 May 2022 15:20

Tgt Ion: 49 Resp: 128648
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.0
 130 80.8 52.6 79.0#

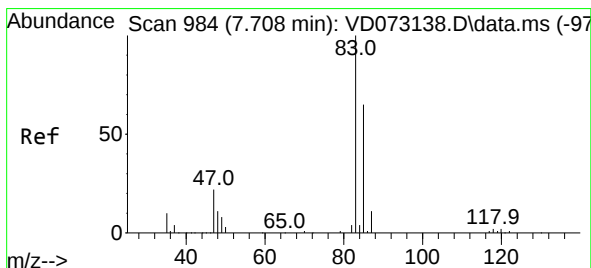
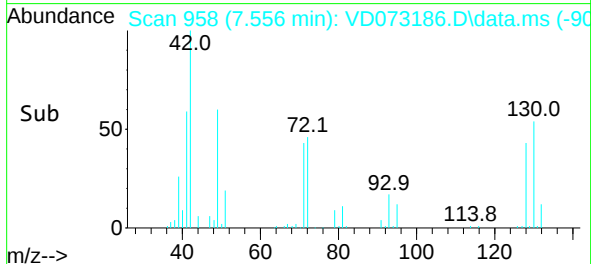
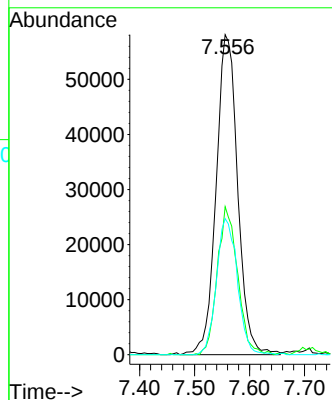
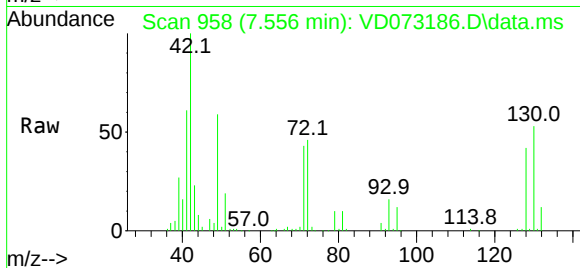




#29
Tetrahydrofuran
Concen: 269.269 ug/l
RT: 7.556 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

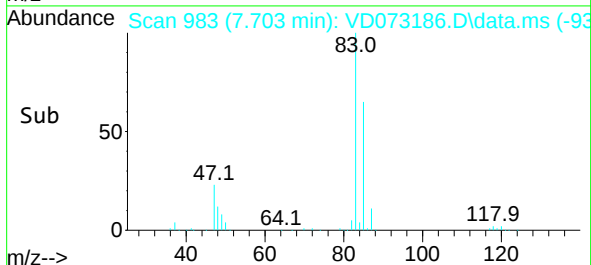
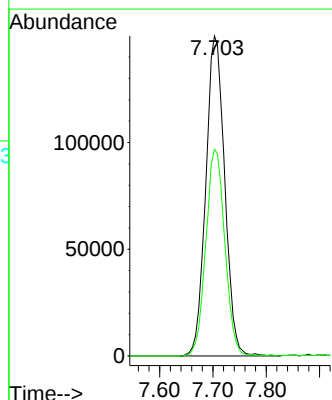
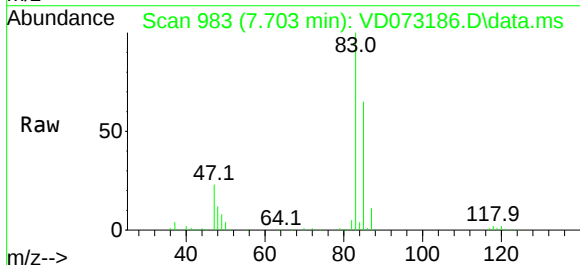
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

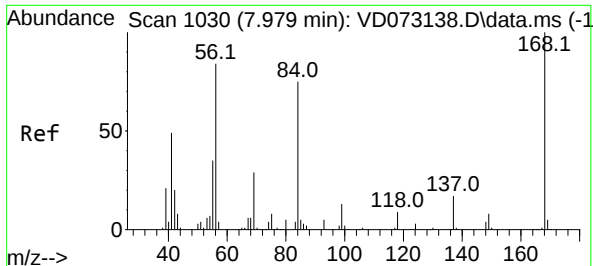
Tgt Ion: 42 Resp: 158337
Ion Ratio Lower Upper
42 100
72 43.6 30.7 46.1
71 41.3 28.6 43.0



#30
Chloroform
Concen: 49.882 ug/l
RT: 7.703 min Scan# 983
Delta R.T. -0.005 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 83 Resp: 369111
Ion Ratio Lower Upper
83 100
85 64.6 52.7 79.1





#31

Cyclohexane

Concen: 45.823 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

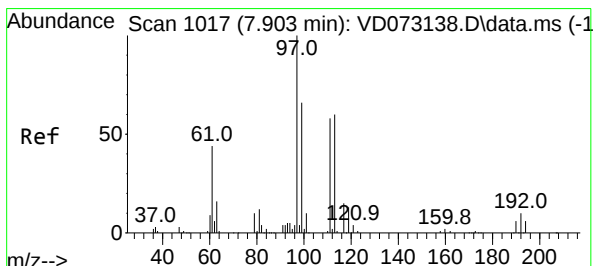
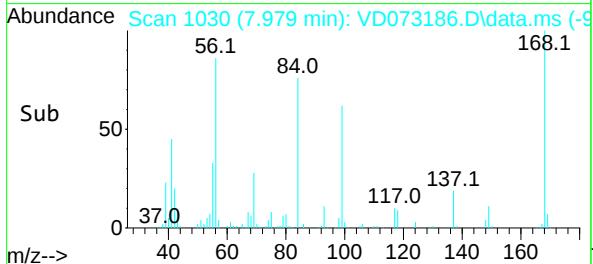
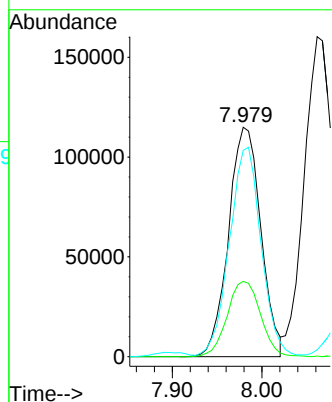
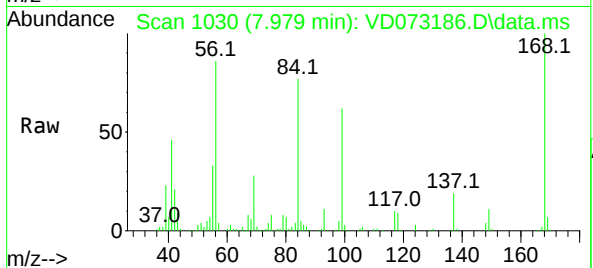
Tgt Ion: 56 Resp: 287361

Ion Ratio Lower Upper

56 100

69 32.8 25.4 38.2

84 88.1 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 48.732 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

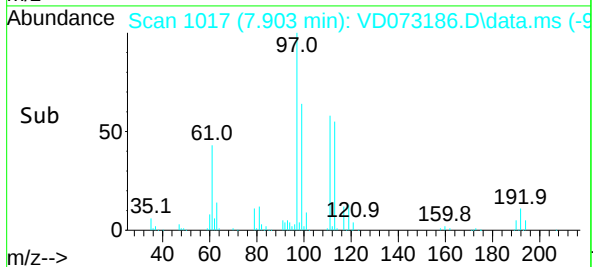
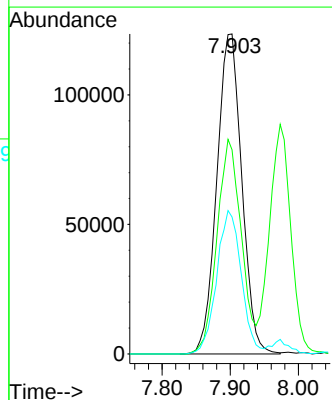
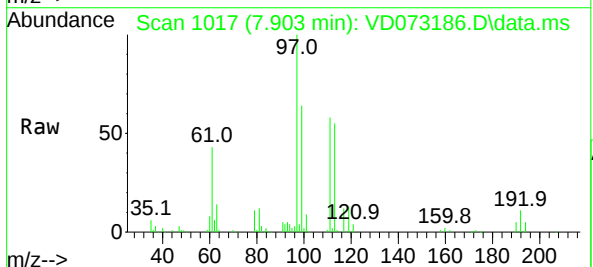
Tgt Ion: 97 Resp: 315387

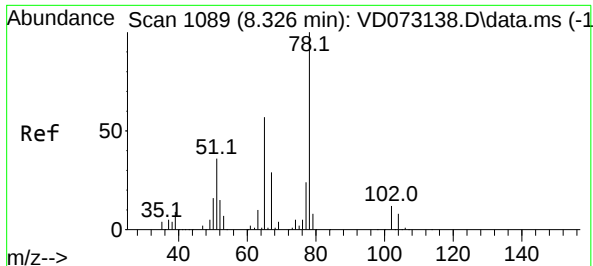
Ion Ratio Lower Upper

97 100

99 65.3 52.4 78.6

61 44.1 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 50.805 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

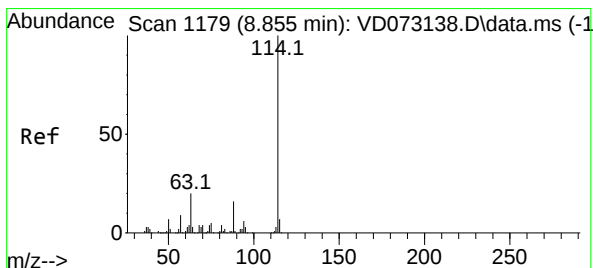
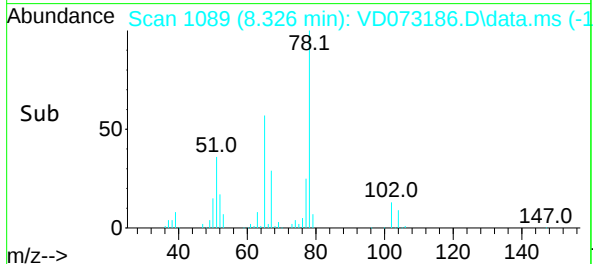
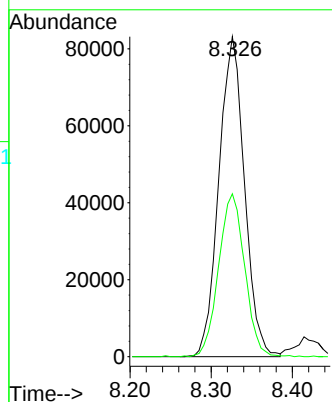
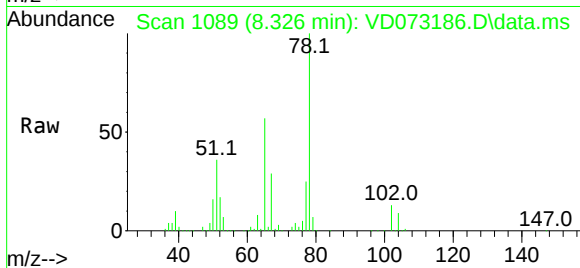
VSTDCCC050EC

Tgt Ion: 65 Resp: 182316

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

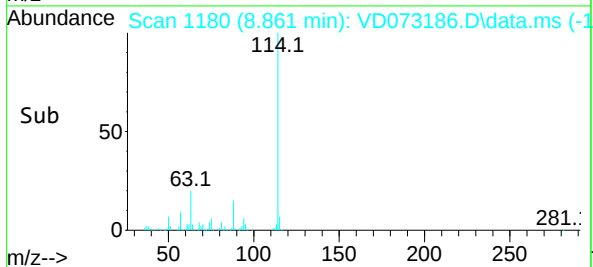
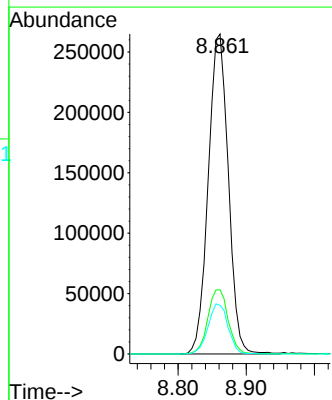
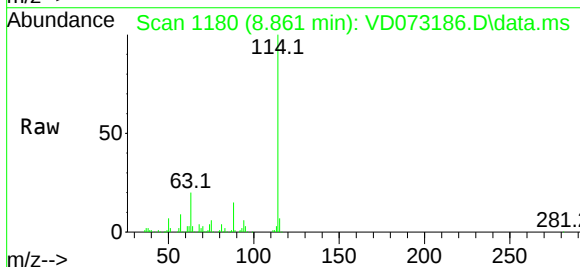
Tgt Ion: 114 Resp: 542807

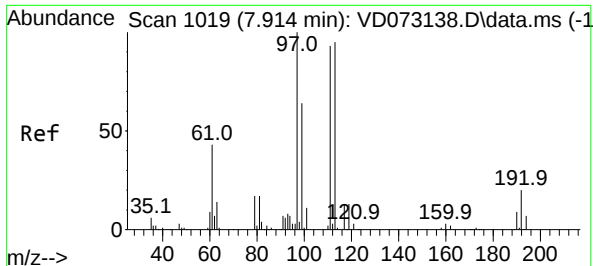
Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.689 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

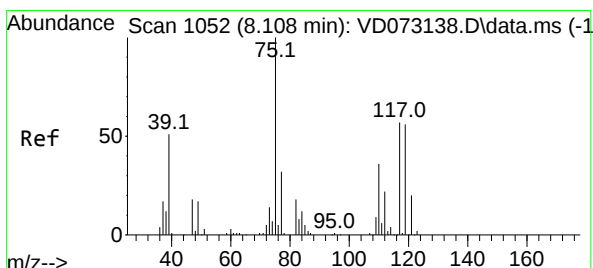
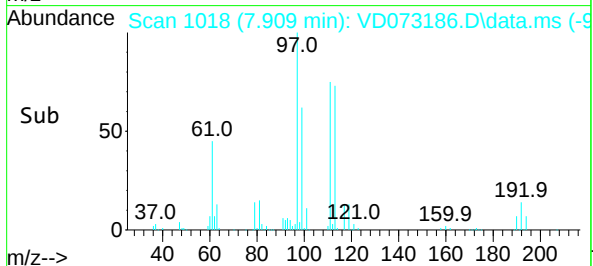
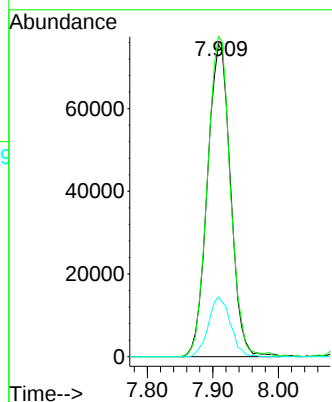
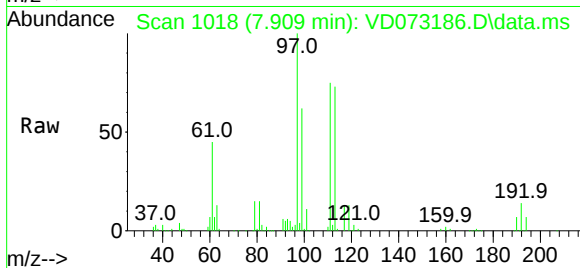
Tgt Ion:113 Resp: 185141

Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 18.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 49.604 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

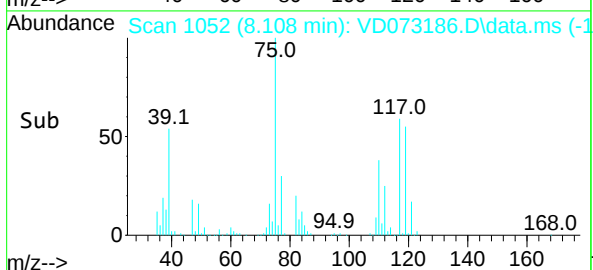
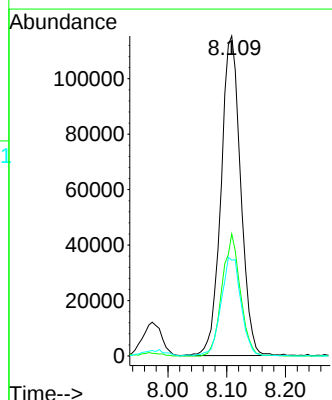
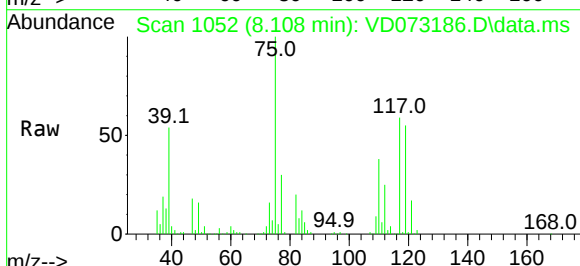
Tgt Ion: 75 Resp: 267215

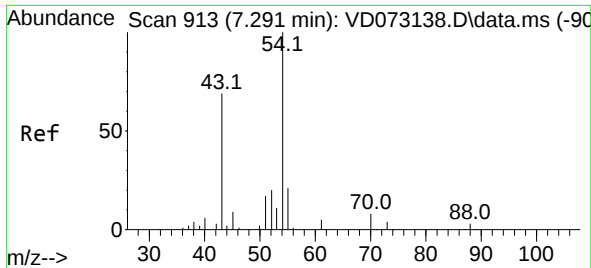
Ion Ratio Lower Upper

75 100

110 35.4 16.4 49.1

77 31.5 24.2 36.2





#37

Ethyl Acetate

Concen: 53.943 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

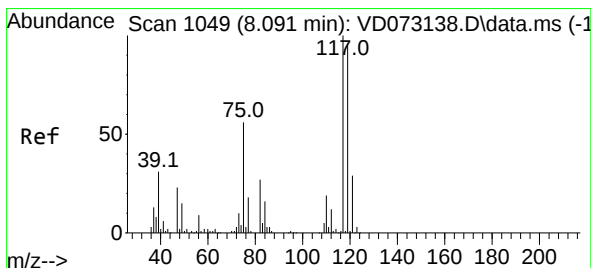
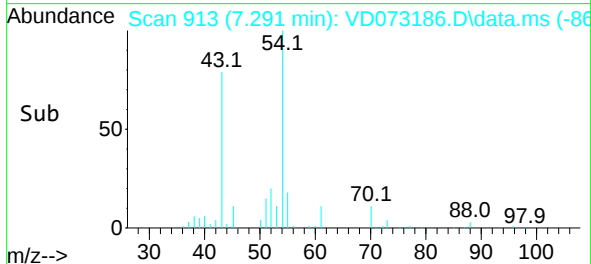
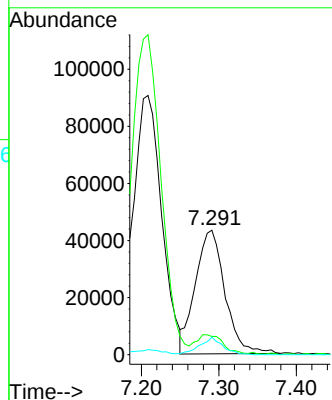
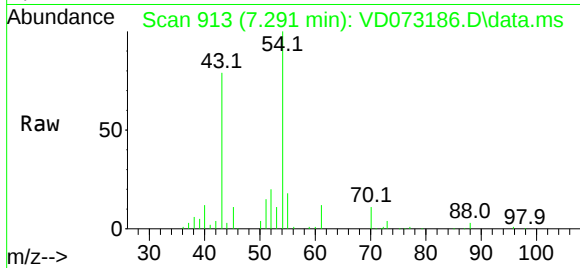
Tgt Ion: 43 Resp: 114781

Ion Ratio Lower Upper

43 100

61 13.5 9.8 14.8

70 11.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 49.296 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

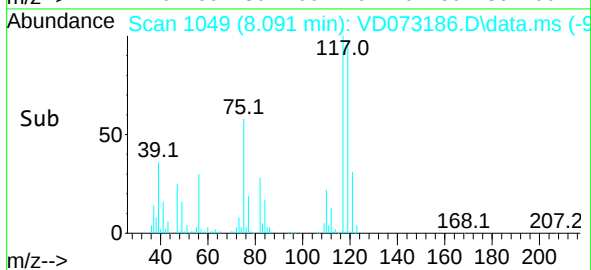
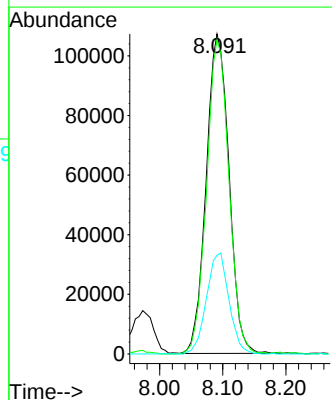
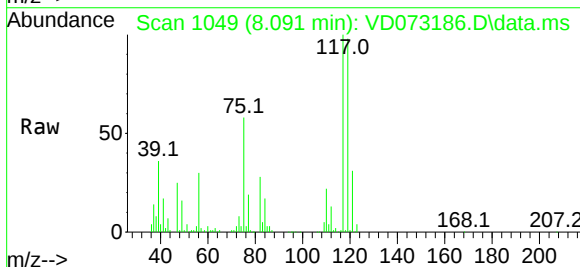
Tgt Ion: 117 Resp: 269186

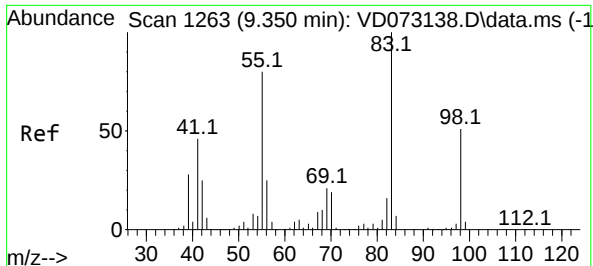
Ion Ratio Lower Upper

117 100

119 98.2 75.8 113.6

121 30.9 24.5 36.7





#39

Methylcyclohexane

Concen: 50.080 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

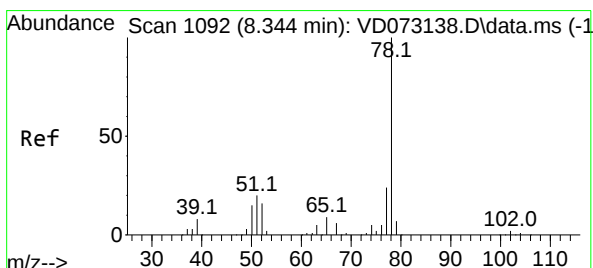
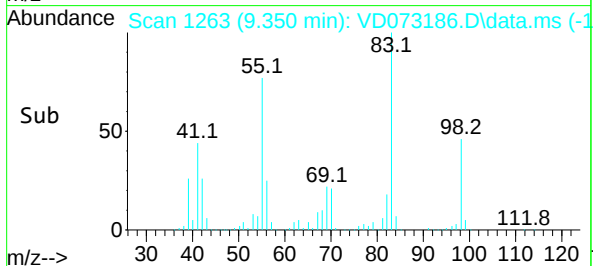
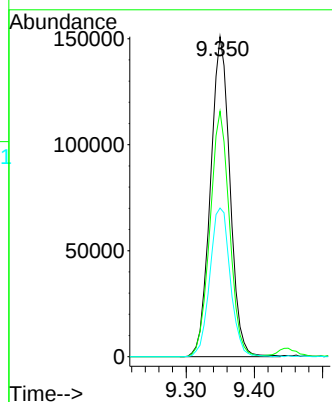
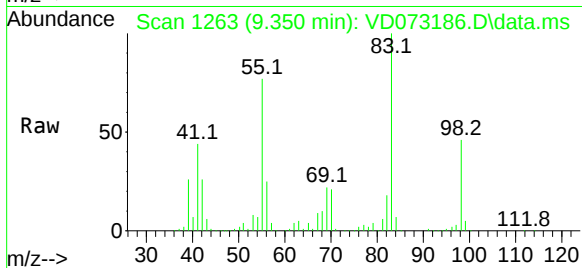
Tgt Ion: 83 Resp: 300659

Ion Ratio Lower Upper

83 100

55 76.7 63.2 94.8

98 46.5 38.2 57.4



#40

Benzene

Concen: 51.068 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073186.D

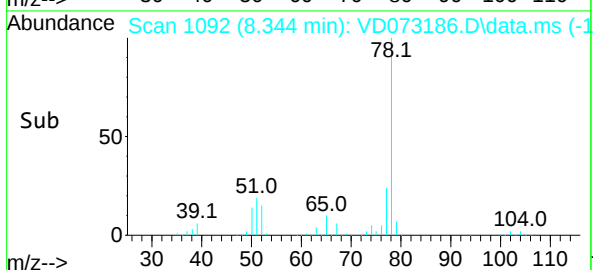
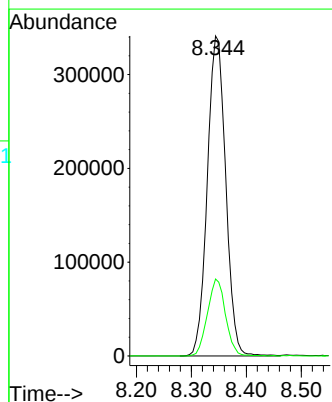
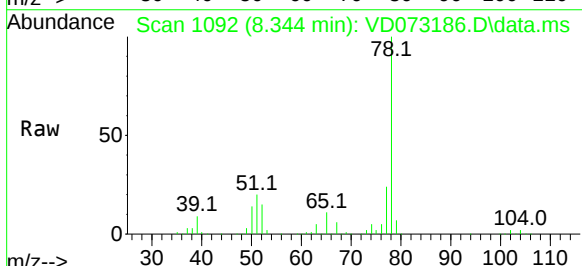
Acq: 20 May 2022 15:20

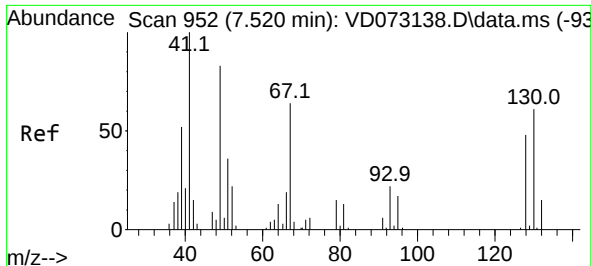
Tgt Ion: 78 Resp: 792847

Ion Ratio Lower Upper

78 100

77 24.1 19.1 28.7

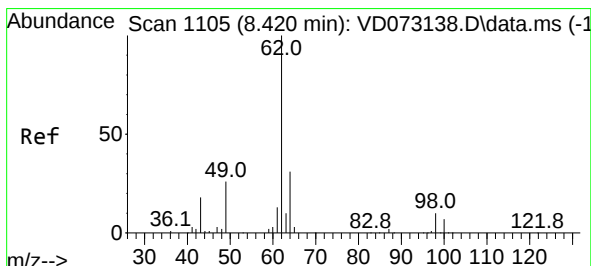
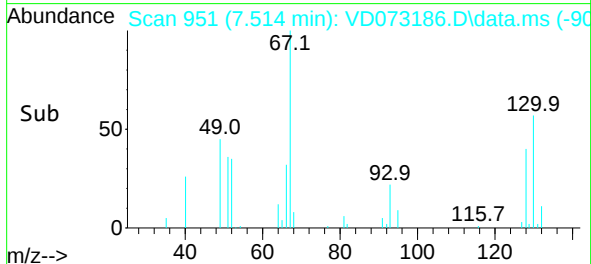
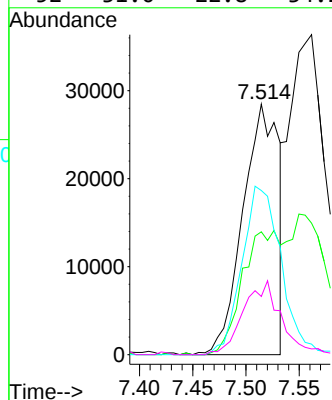
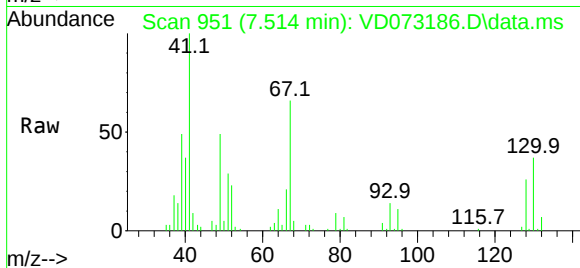




#41
Methacrylonitrile
Concen: 53.650 ug/l
RT: 7.514 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

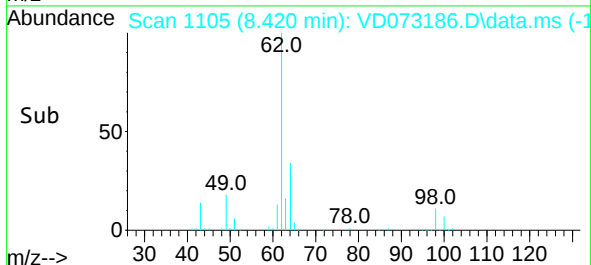
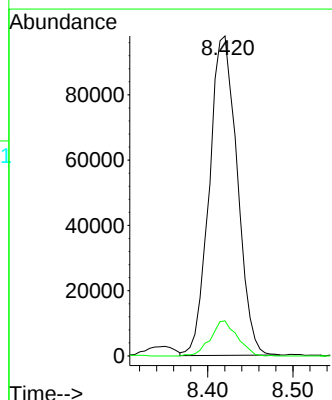
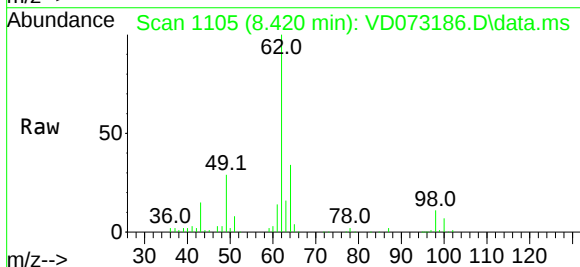
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

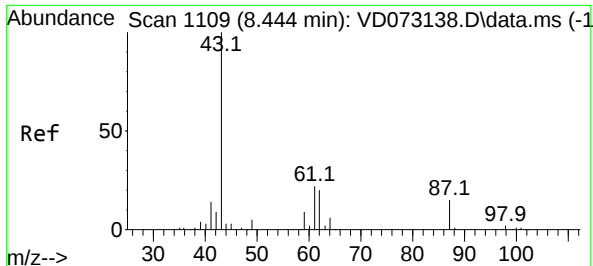
Tgt Ion: 41 Resp: 66511
Ion Ratio Lower Upper
41 100
39 51.8 44.6 67.0
67 73.5 48.2 72.4#
52 31.0 22.8 34.2



#42
1,2-Dichloroethane
Concen: 51.568 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 62 Resp: 222769
Ion Ratio Lower Upper
62 100
98 10.6 0.0 17.6

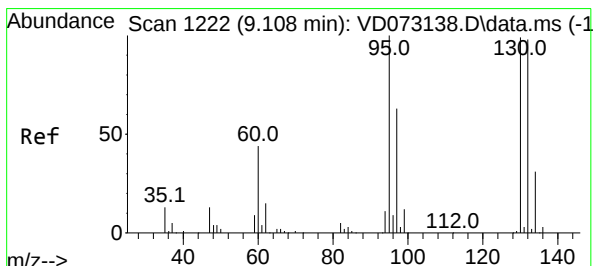
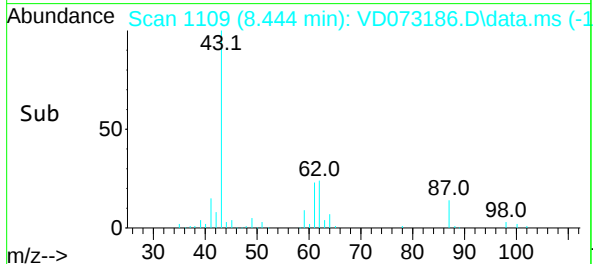
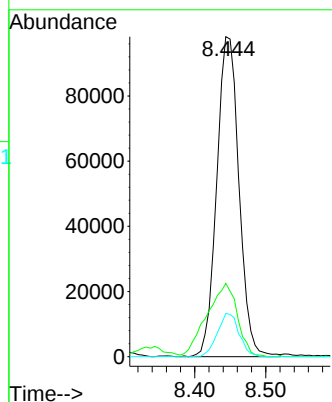
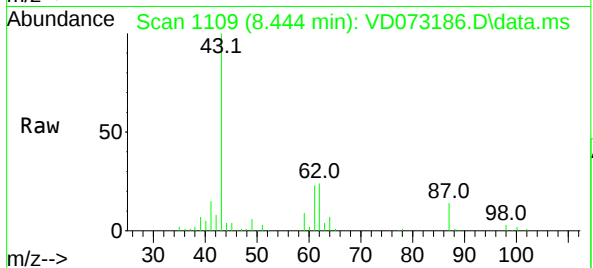




#43
Isopropyl Acetate
Concen: 54.207 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

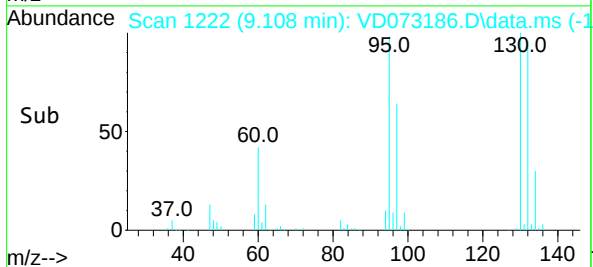
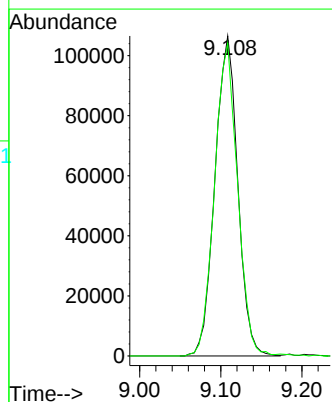
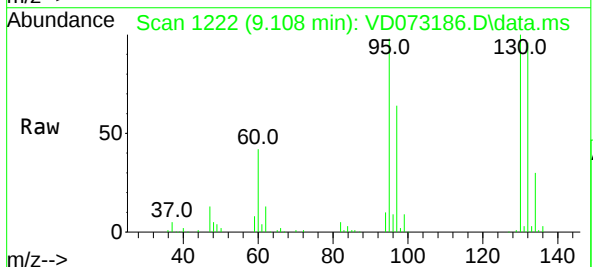
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

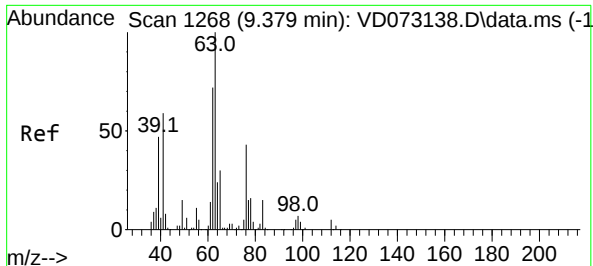
Tgt Ion: 43 Resp: 213196
Ion Ratio Lower Upper
43 100
61 31.5 22.4 33.6
87 13.2 8.7 13.1#



#44
Trichloroethene
Concen: 50.296 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion:130 Resp: 208227
Ion Ratio Lower Upper
130 100
95 97.8 0.0 205.4





#45

1,2-Dichloropropane

Concen: 51.738 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

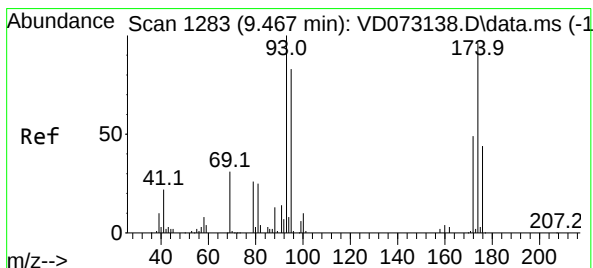
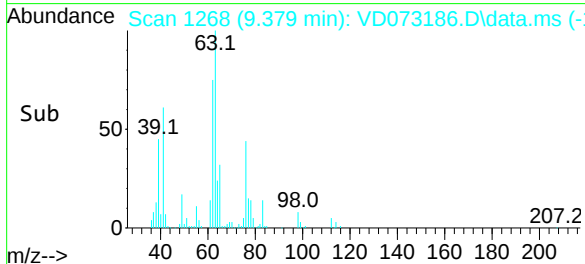
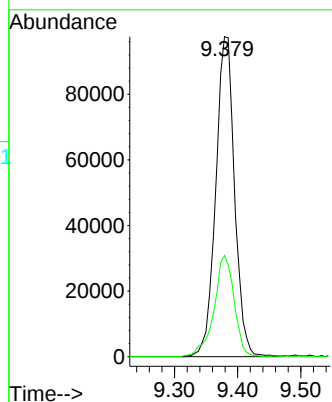
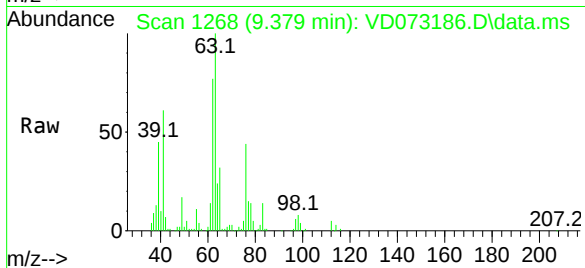
VSTDCCC050EC

Tgt Ion: 63 Resp: 202289

Ion Ratio Lower Upper

63 100

65 31.6 26.2 39.4



#46

Dibromomethane

Concen: 51.943 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

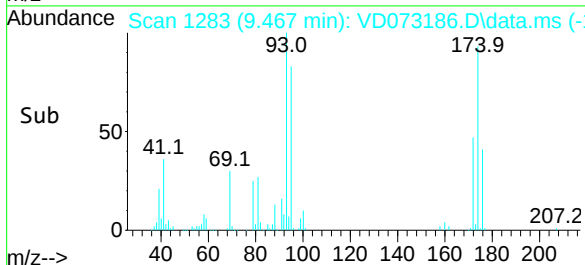
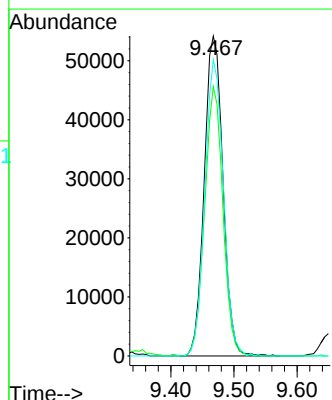
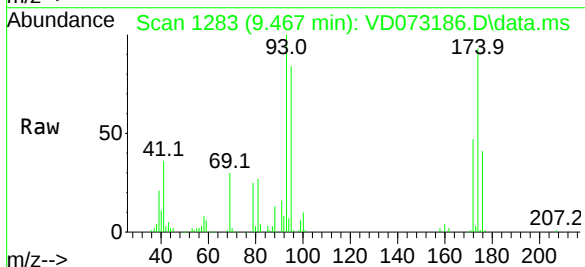
Tgt Ion: 93 Resp: 111540

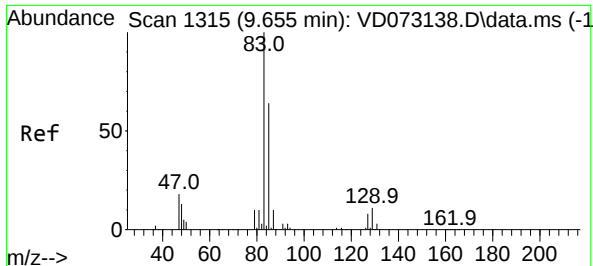
Ion Ratio Lower Upper

93 100

95 82.1 66.7 100.1

174 91.8 71.6 107.4

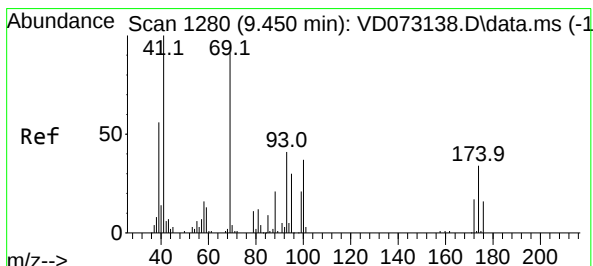
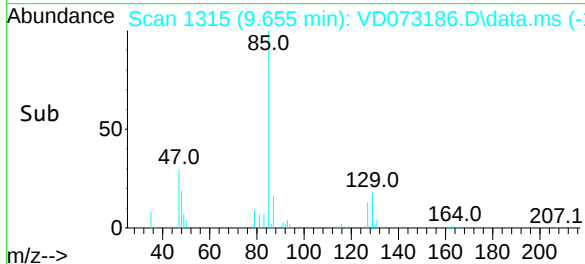
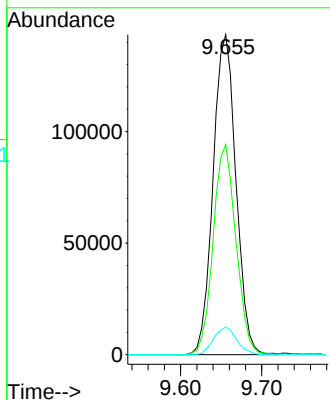
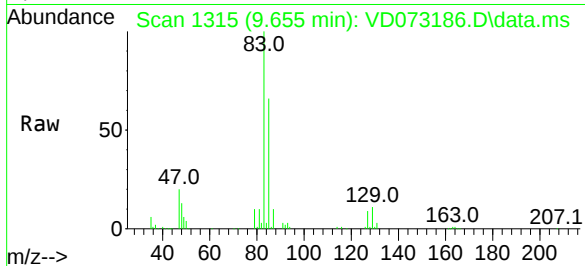




#47
Bromodichloromethane
Concen: 51.119 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

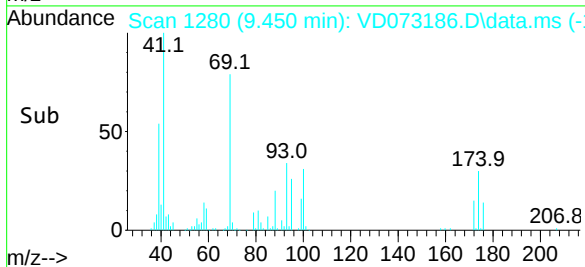
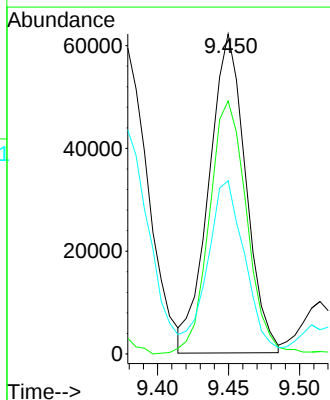
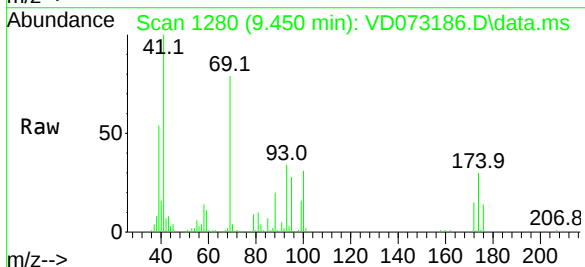
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

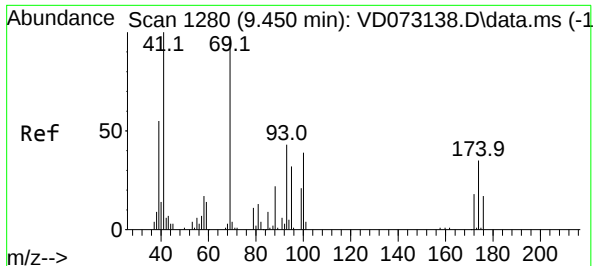
Tgt Ion: 83 Resp: 280874
Ion Ratio Lower Upper
83 100
85 65.7 51.4 77.0
127 8.7 6.1 9.1



#48
Methyl methacrylate
Concen: 56.575 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 41 Resp: 111947
Ion Ratio Lower Upper
41 100
69 79.9 56.7 85.1
39 50.9 42.7 64.1

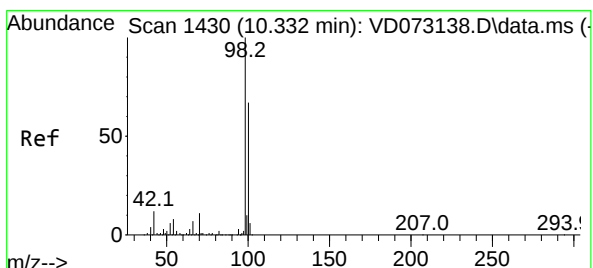
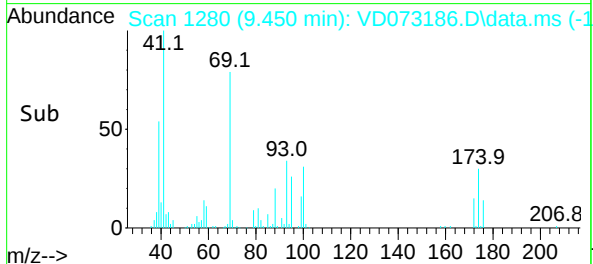
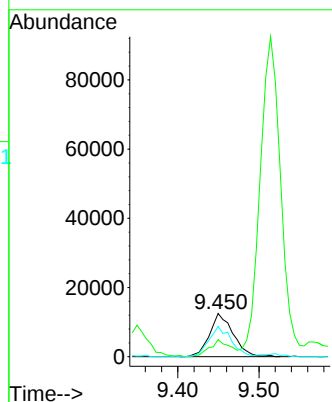
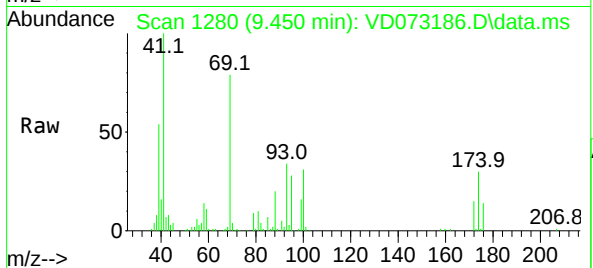




#49
1,4-Dioxane
Concen: 1132.895 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

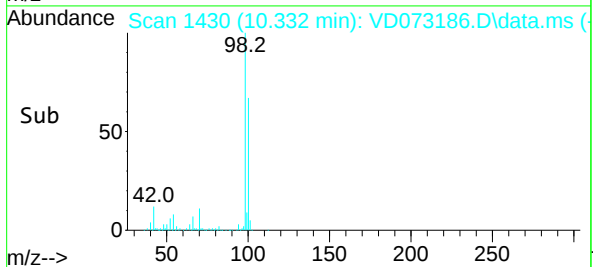
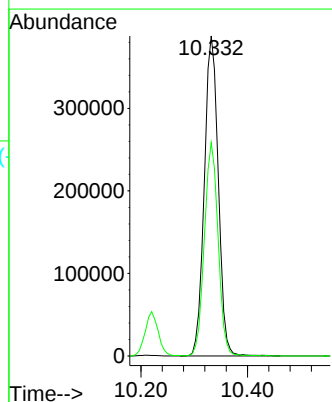
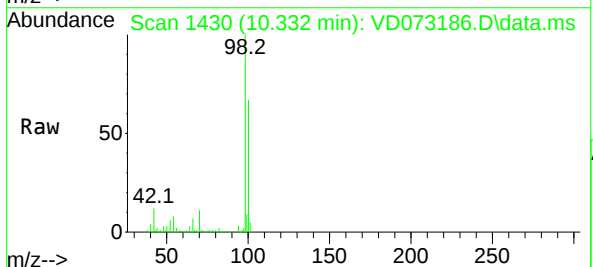
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 25123
Ion Ratio Lower Upper
88 100
43 34.2 31.0 46.4
58 67.2 58.1 87.1



#50
Toluene-d8
Concen: 53.396 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 98 Resp: 705006
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

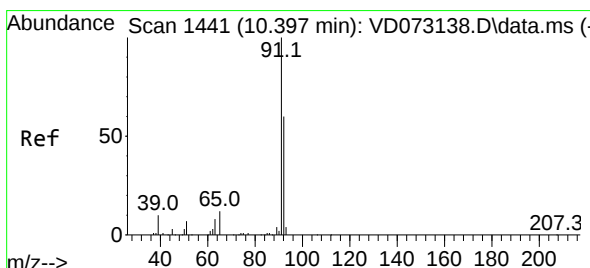
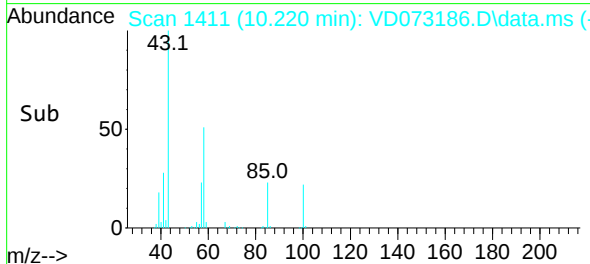
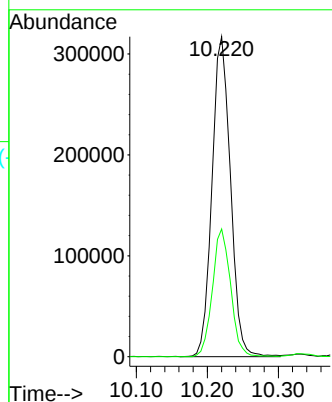
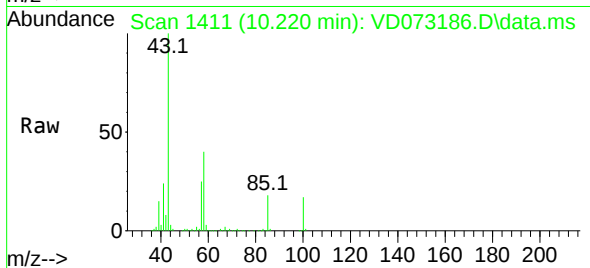




#51
4-Methyl-2-Pentanone
Concen: 280.153 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

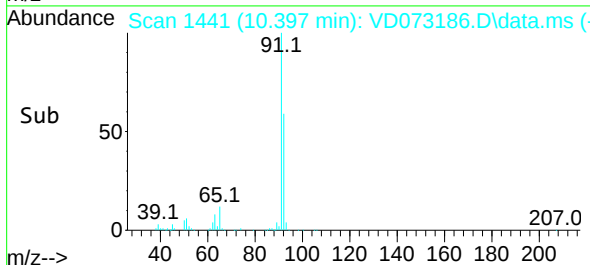
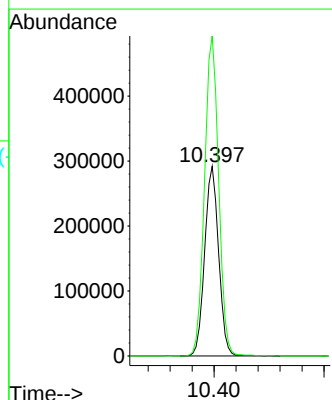
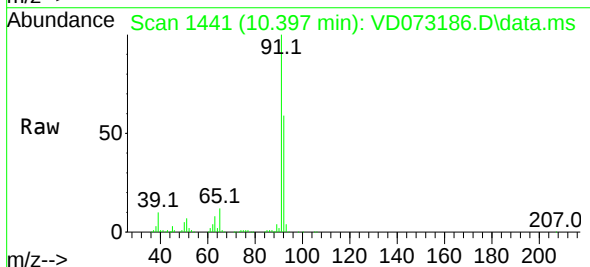
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

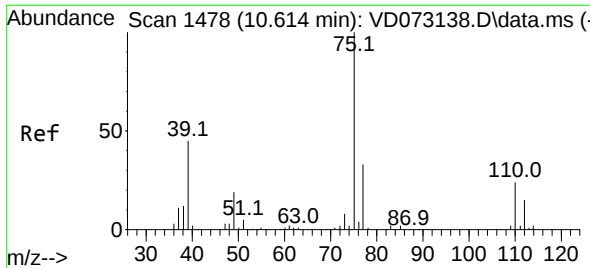
Tgt Ion: 43 Resp: 572273
Ion Ratio Lower Upper
43 100
58 39.3 28.6 43.0



#52
Toluene
Concen: 52.409 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 92 Resp: 514168
Ion Ratio Lower Upper
92 100
91 170.3 139.6 209.4

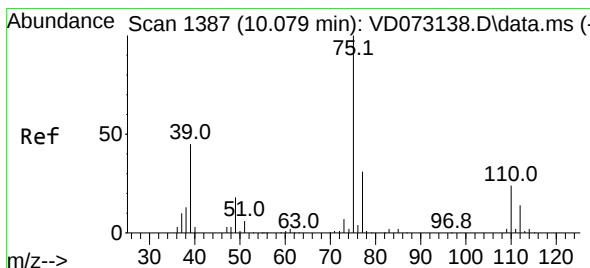
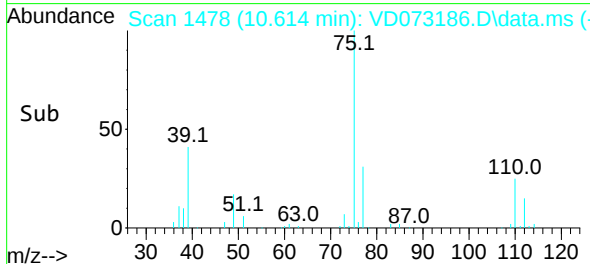
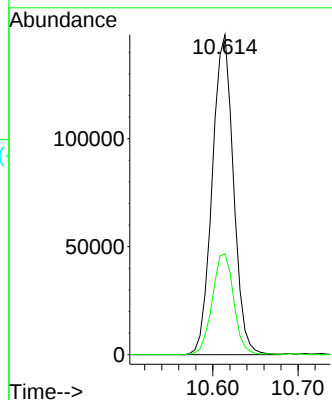
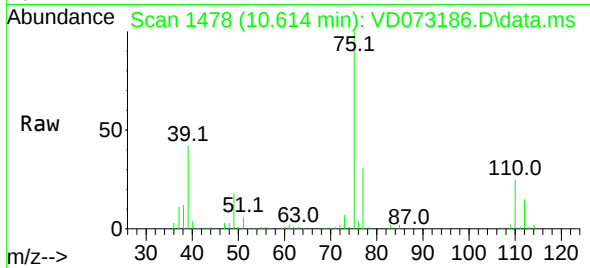




#53
t-1,3-Dichloropropene
Concen: 51.599 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

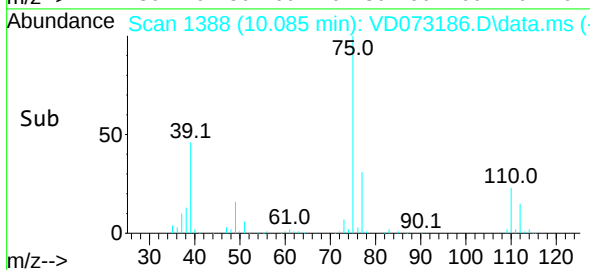
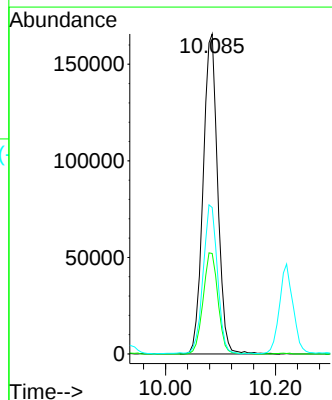
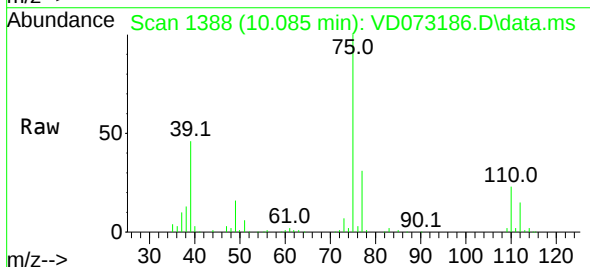
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

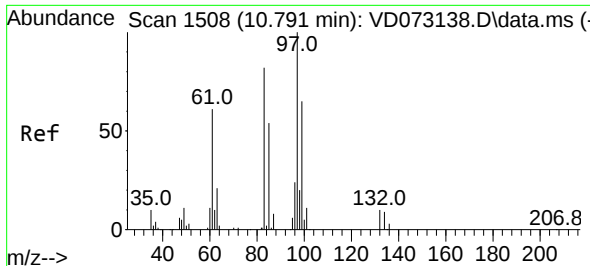
Tgt Ion: 75 Resp: 256128
Ion Ratio Lower Upper
75 100
77 31.5 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 51.222 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 75 Resp: 304265
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2
39 45.4 46.8 70.2#

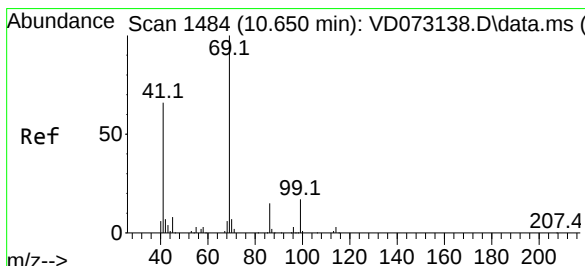
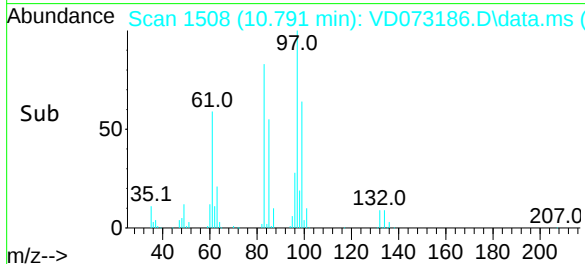
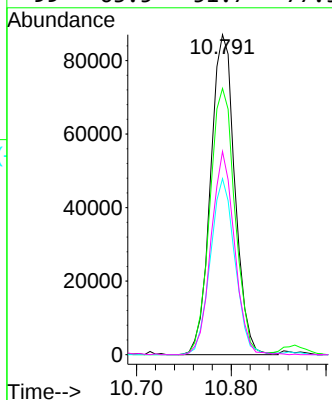
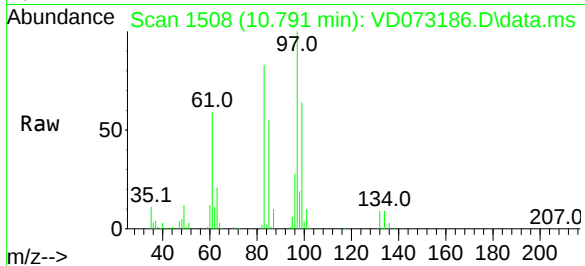




#55
1,1,2-Trichloroethane
Concen: 53.446 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

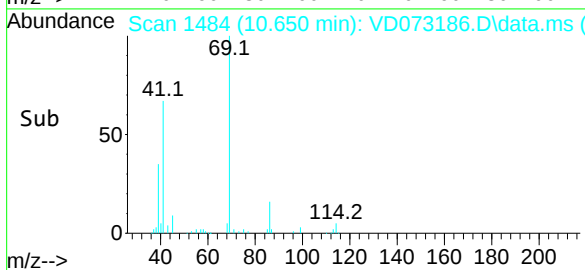
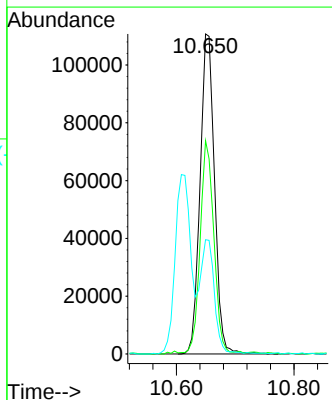
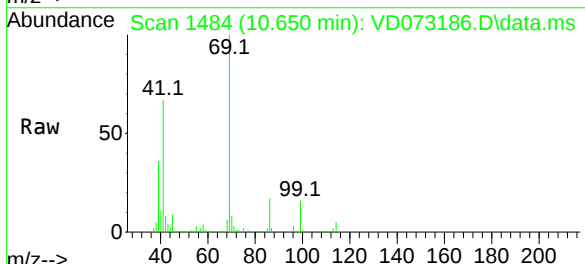
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

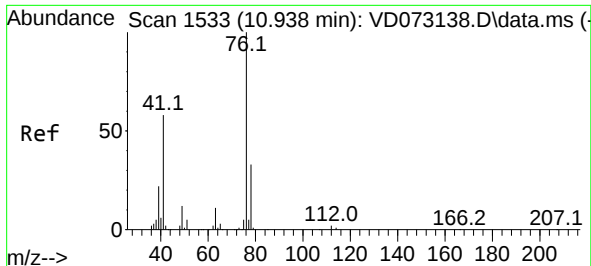
Tgt Ion:	97	Resp:	155196
Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.0	103.4
85	55.0	42.6	63.8
99	63.5	51.7	77.5



#56
Ethyl methacrylate
Concen: 58.392 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion:	69	Resp:	188523
Ion	Ratio	Lower	Upper
69	100		
41	61.8	63.0	94.6#
39	35.3	33.8	50.8

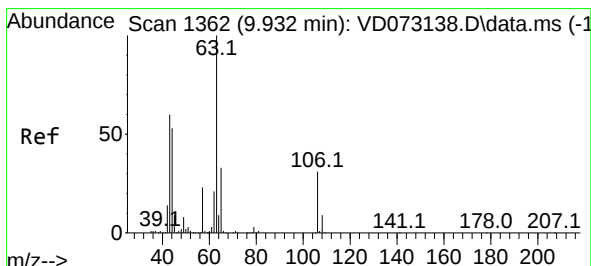
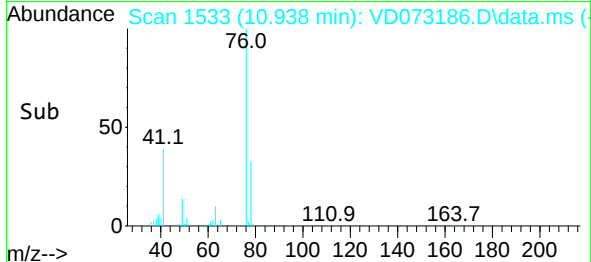
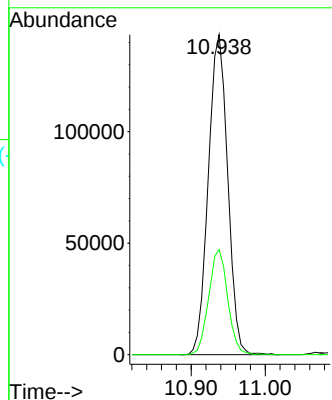
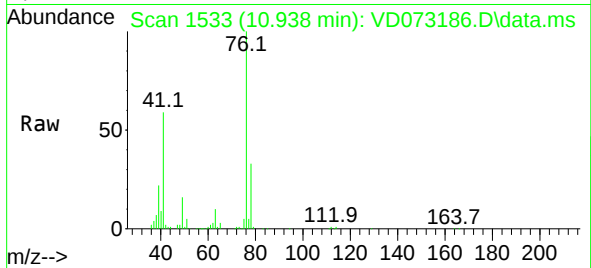




#57
1,3-Dichloropropane
Concen: 53.514 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

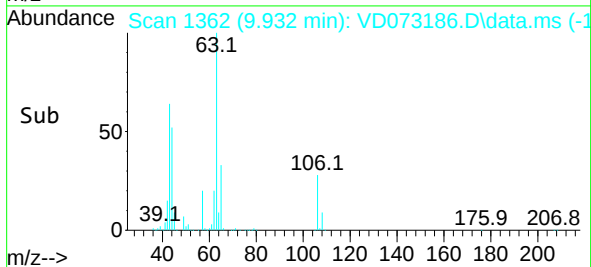
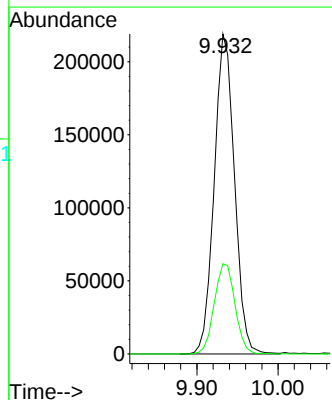
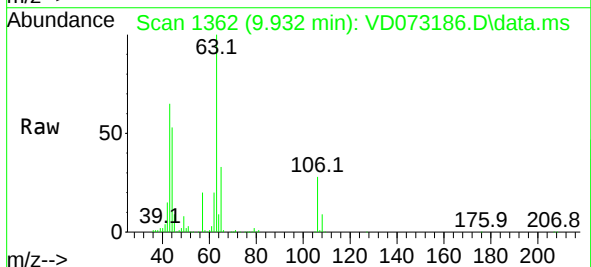
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

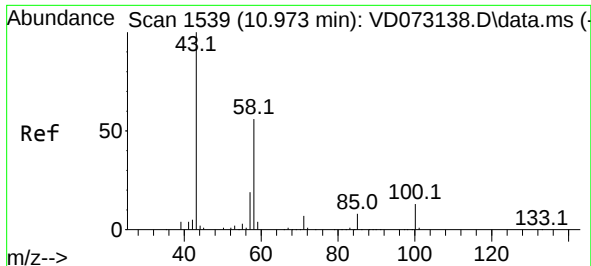
Tgt Ion: 76 Resp: 260737
Ion Ratio Lower Upper
76 100
78 32.2 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 247.896 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 63 Resp: 379945
Ion Ratio Lower Upper
63 100
106 28.9 21.4 32.0

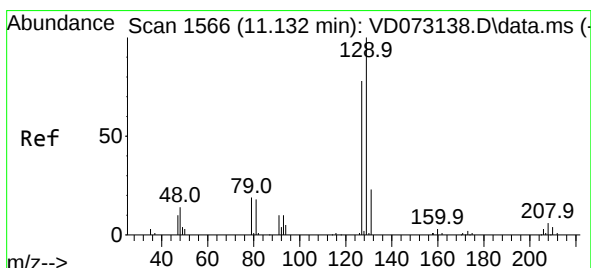
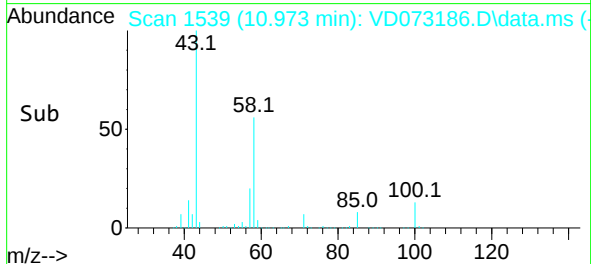
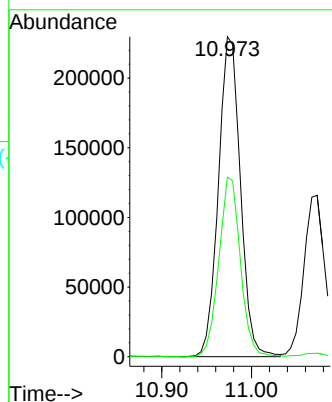
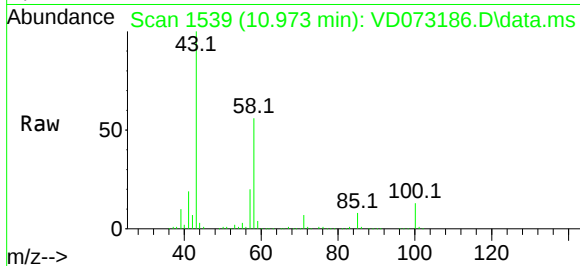




#59
2-Hexanone
Concen: 290.400 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

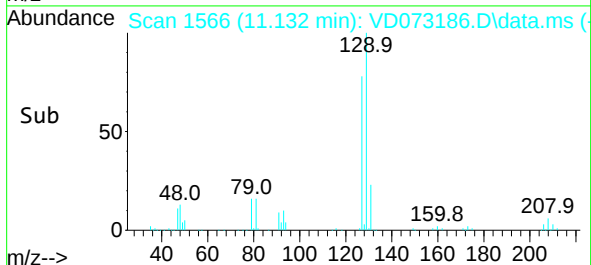
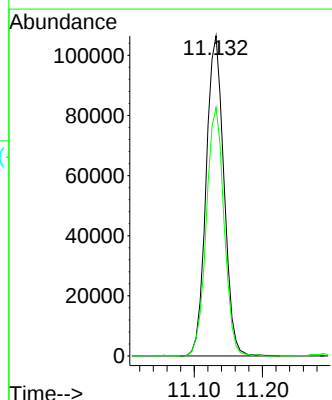
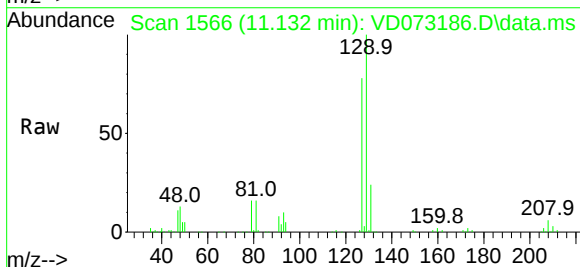
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

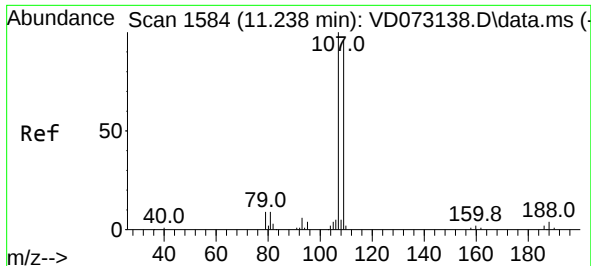
Tgt Ion: 43 Resp: 391092
Ion Ratio Lower Upper
43 100
58 54.9 25.3 75.9



#60
Dibromochloromethane
Concen: 53.301 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 129 Resp: 192995
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6

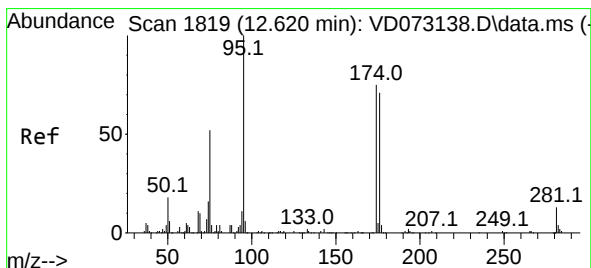
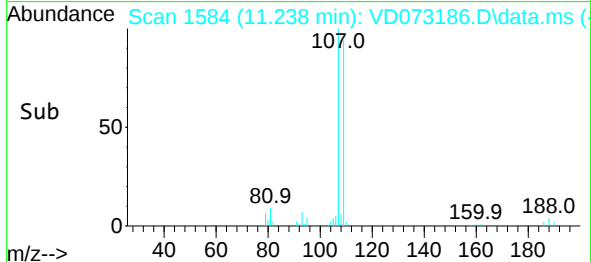
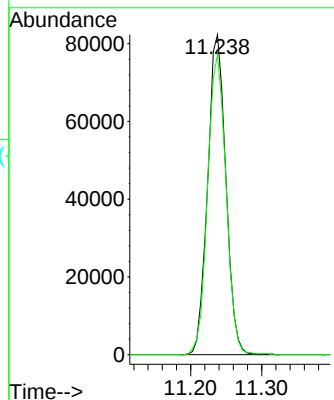
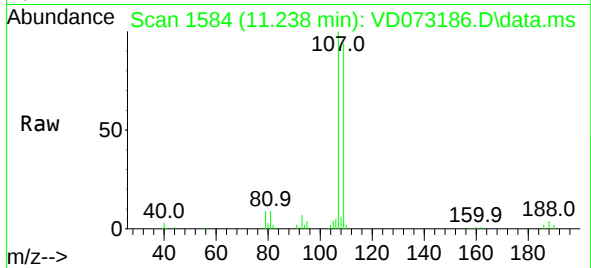




#61
1,2-Dibromoethane
Concen: 52.871 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

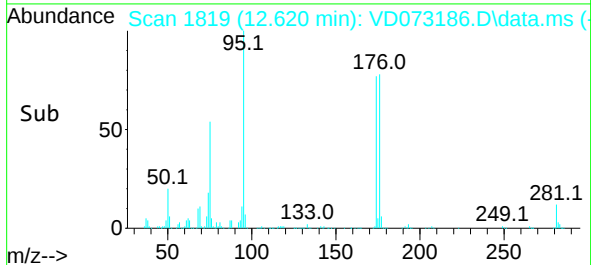
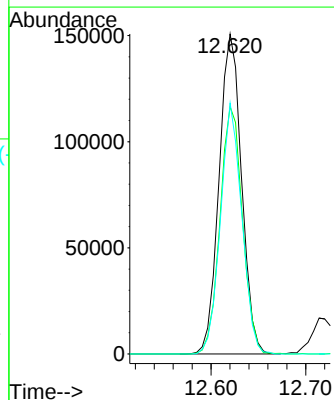
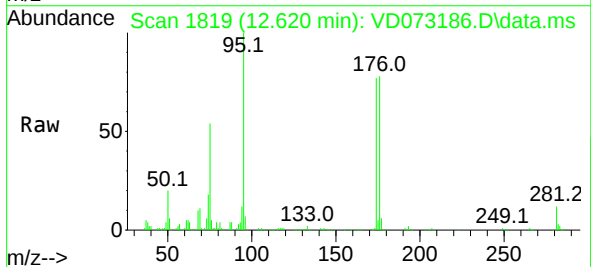
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

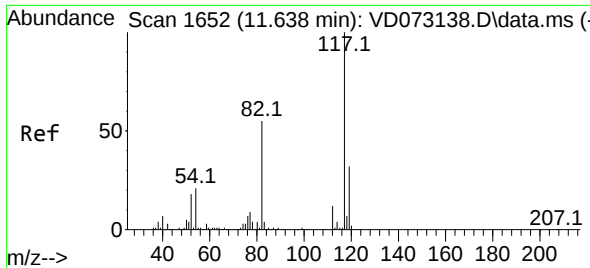
Tgt Ion:107 Resp: 146706
Ion Ratio Lower Upper
107 100
109 95.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 53.628 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 95 Resp: 248494
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 74.3 0.0 145.4

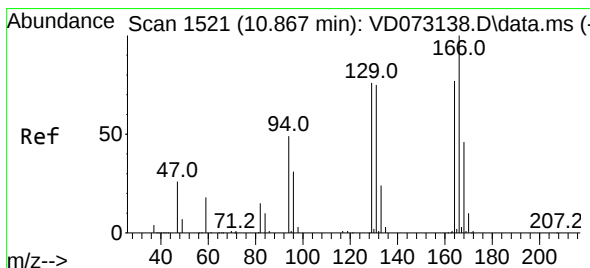
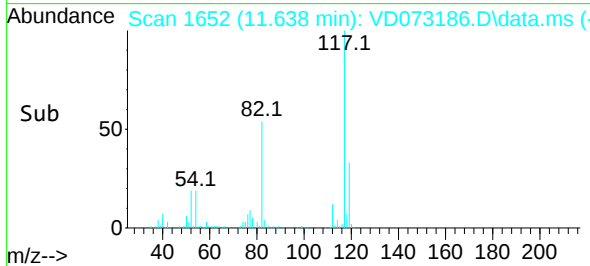
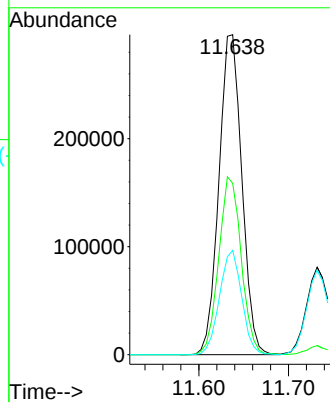
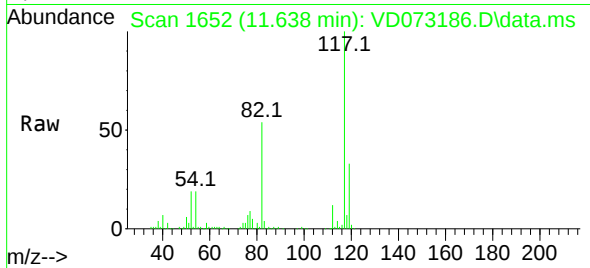




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

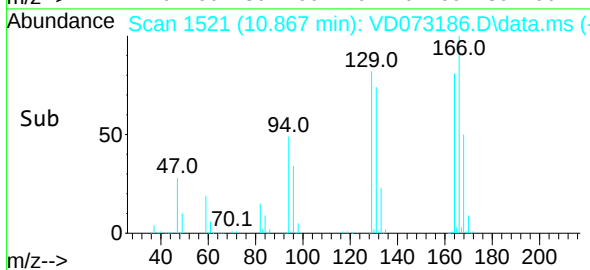
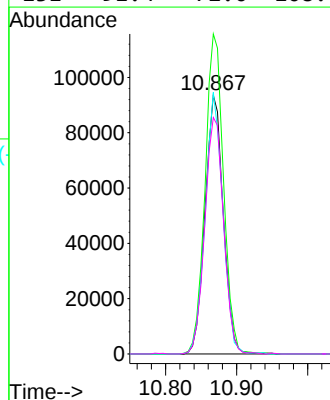
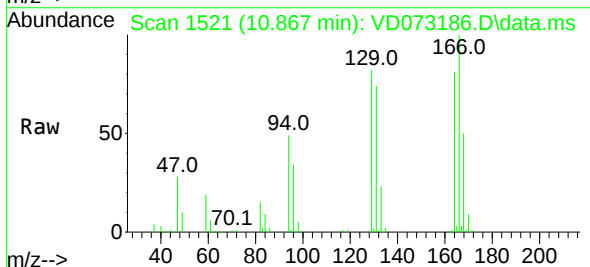
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

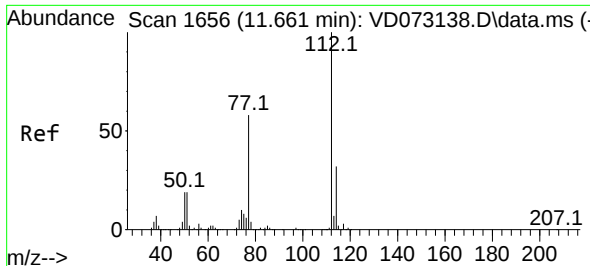
Tgt Ion:117 Resp: 526644
Ion Ratio Lower Upper
117 100
82 53.6 45.3 67.9
119 32.6 26.6 40.0



#64
Tetrachloroethene
Concen: 48.529 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion:164 Resp: 167397
Ion Ratio Lower Upper
164 100
166 123.7 98.5 147.7
129 101.2 74.6 111.8
131 91.4 72.0 108.0

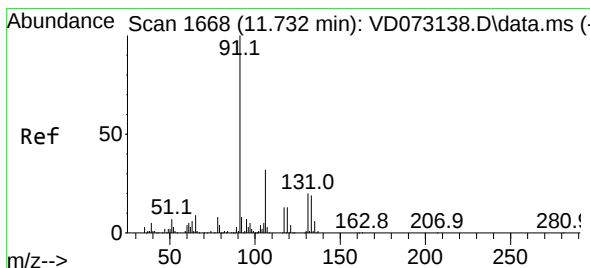
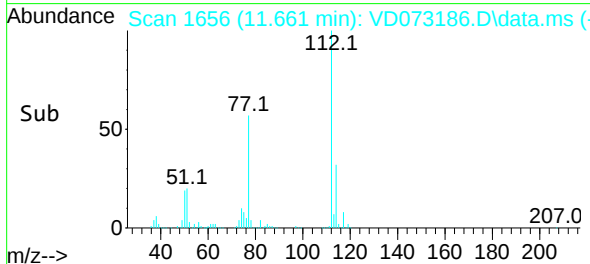
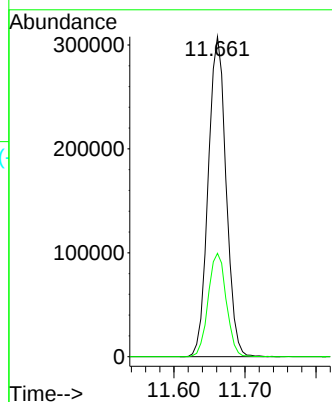
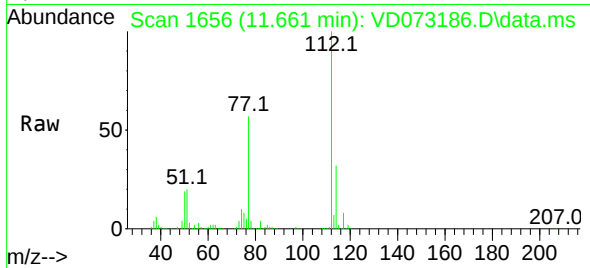




#65
Chlorobenzene
Concen: 49.839 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

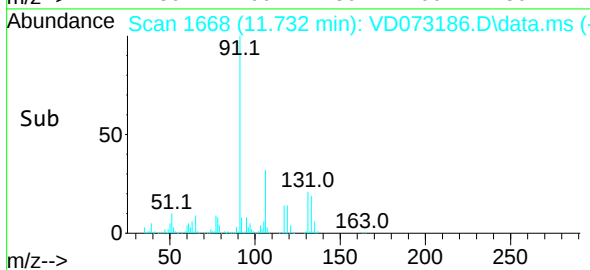
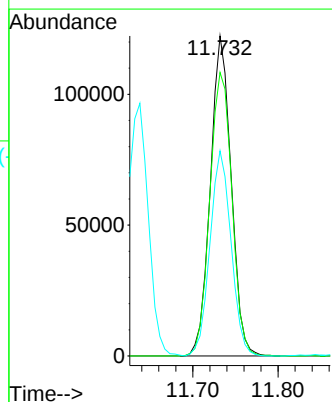
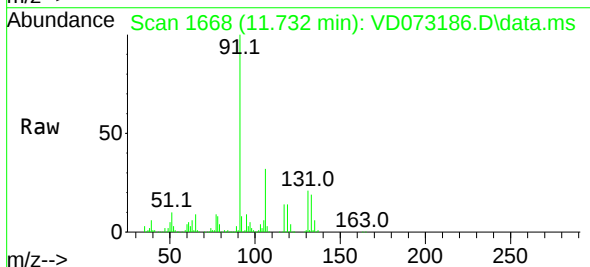
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

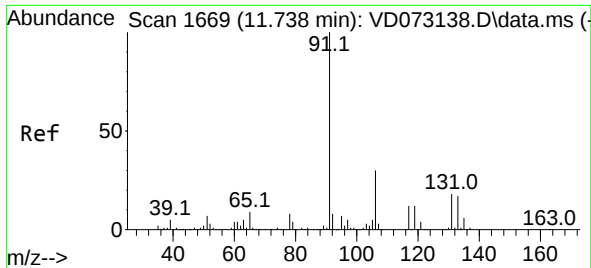
Tgt Ion:112 Resp: 538464
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.804 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion:131 Resp: 207572
Ion Ratio Lower Upper
131 100
133 94.0 48.1 144.3
119 64.9 31.9 95.9

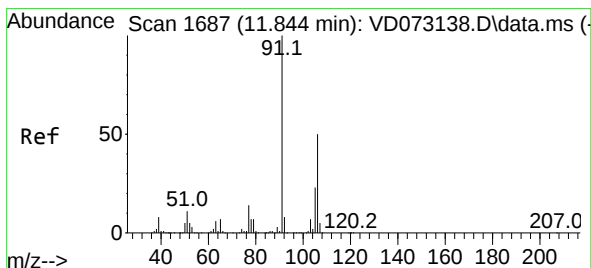
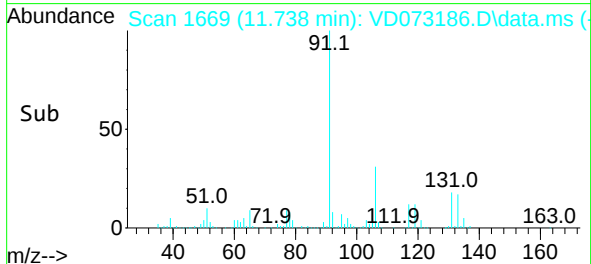
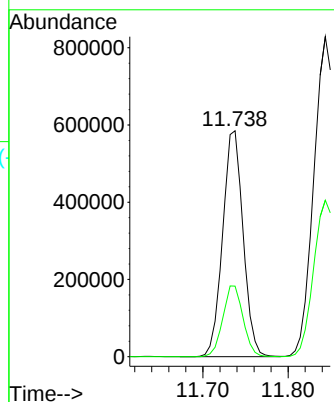
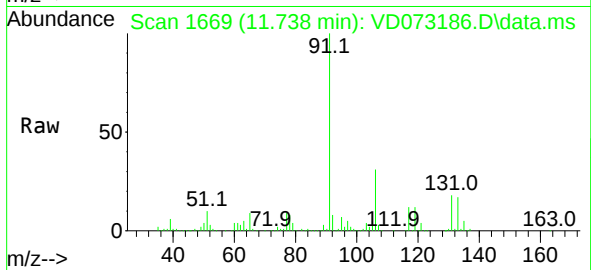




#67
Ethyl Benzene
Concen: 51.514 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

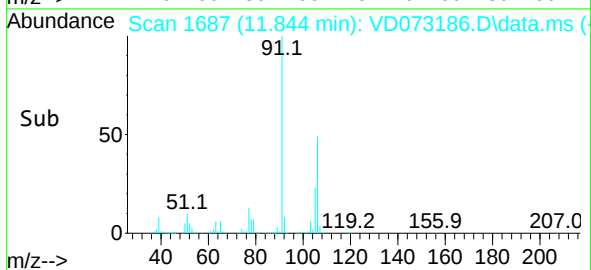
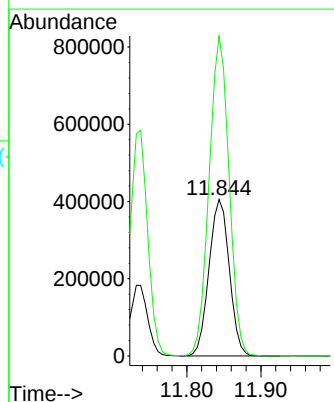
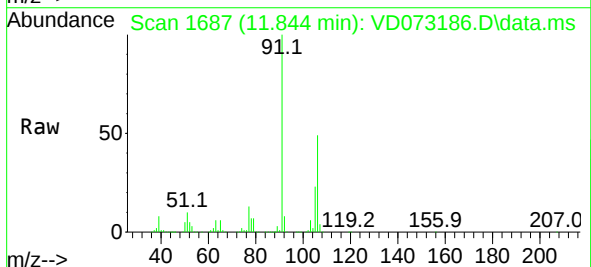
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

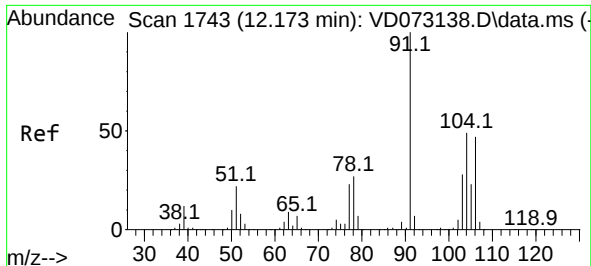
Tgt Ion: 91 Resp: 977020
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.4



#68
m/p-Xylenes
Concen: 104.731 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 106 Resp: 771717
Ion Ratio Lower Upper
106 100
91 200.8 163.7 245.5

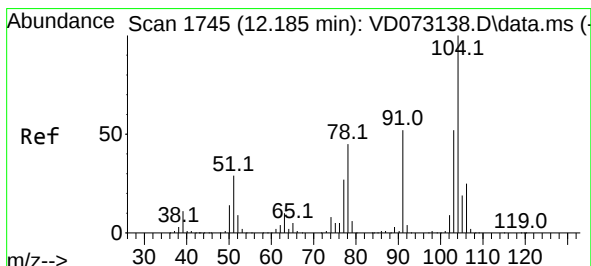
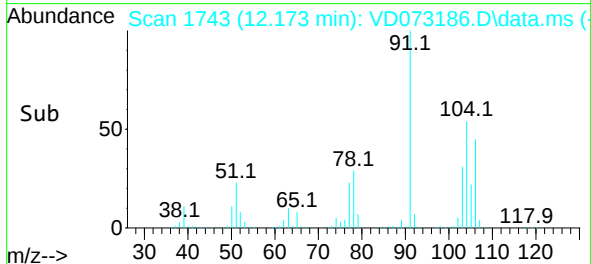
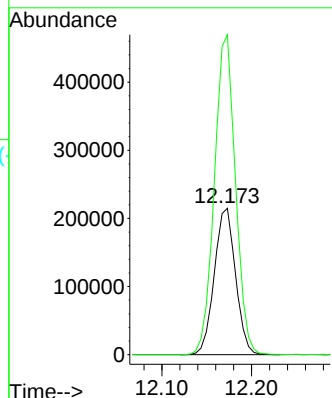
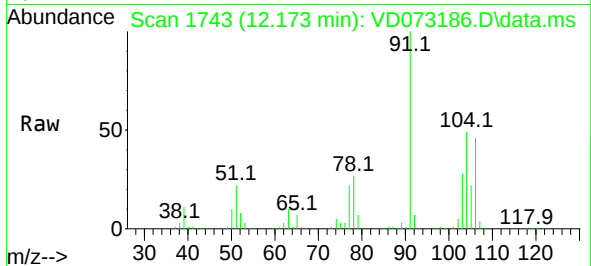




#69
o-Xylene
Concen: 52.214 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

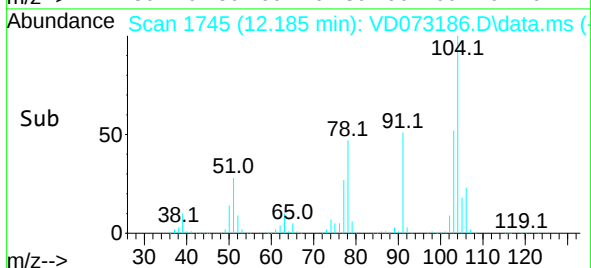
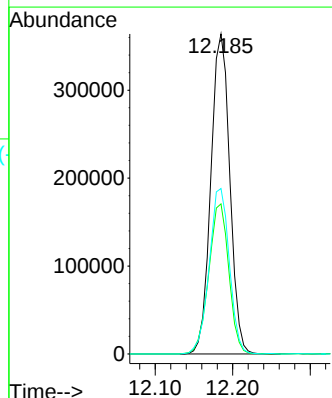
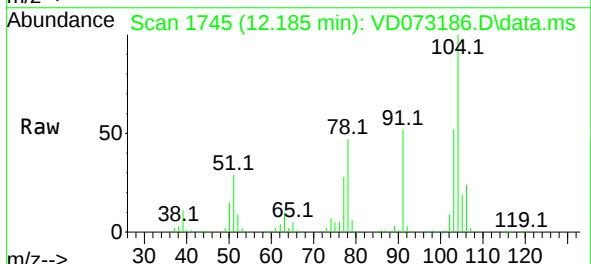
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

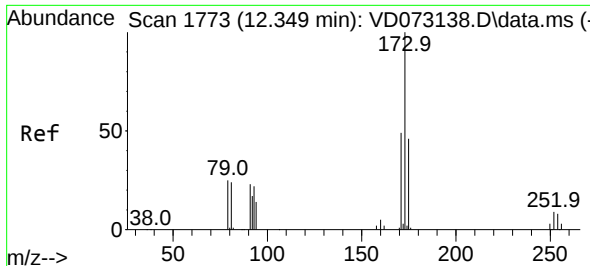
Tgt Ion:106 Resp: 353443
Ion Ratio Lower Upper
106 100
91 216.5 110.4 331.2



#70
Styrene
Concen: 53.077 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion:104 Resp: 618144
Ion Ratio Lower Upper
104 100
78 49.8 41.8 62.8
103 55.0 44.2 66.4

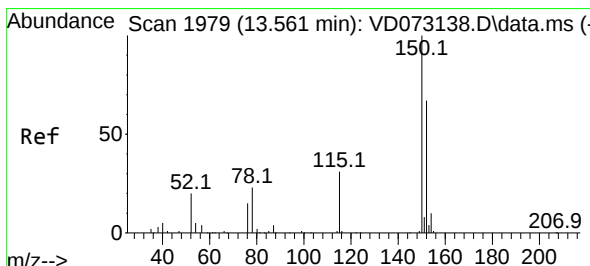
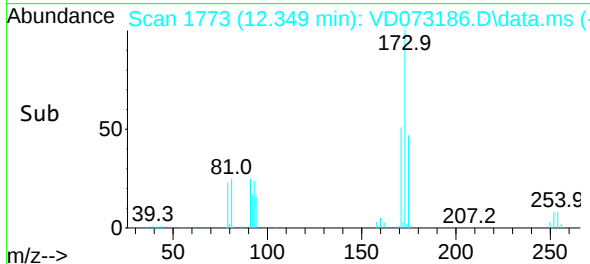
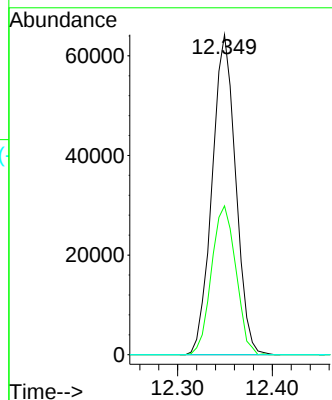
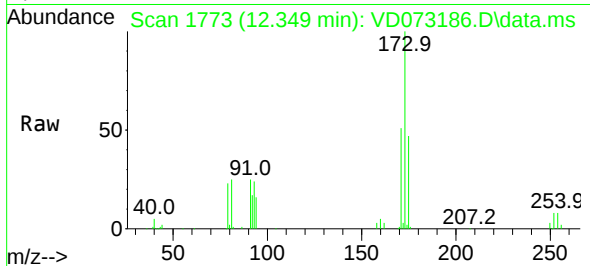




#71
Bromoform
Concen: 53.892 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

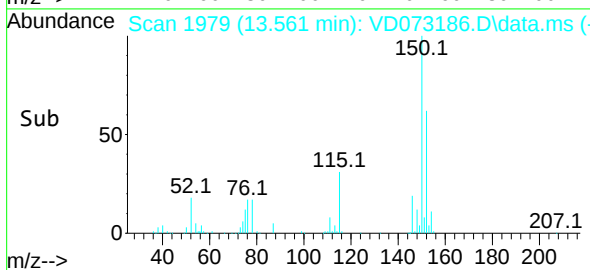
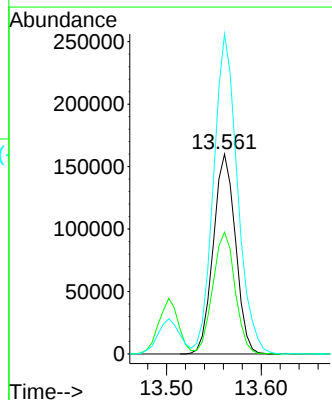
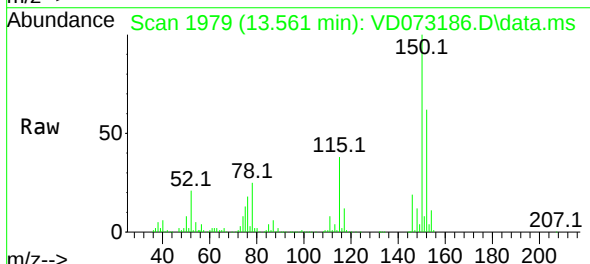
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

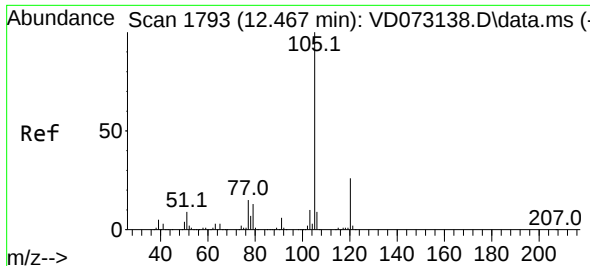
Tgt Ion:173 Resp: 111137
Ion Ratio Lower Upper
173 100
175 48.0 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion:152 Resp: 260200
Ion Ratio Lower Upper
152 100
115 61.3 31.3 93.8
150 173.1 0.0 348.6

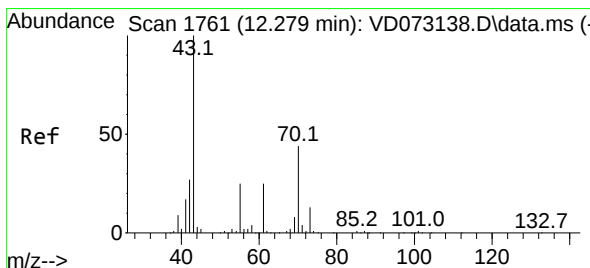
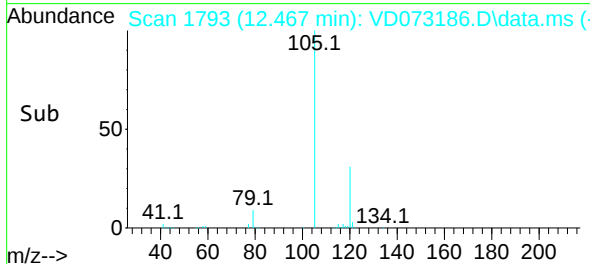
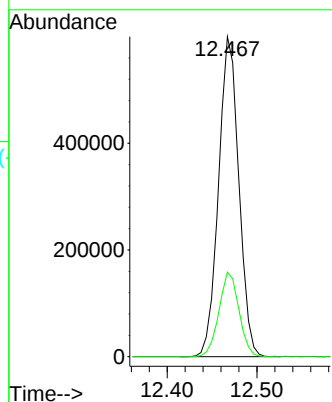
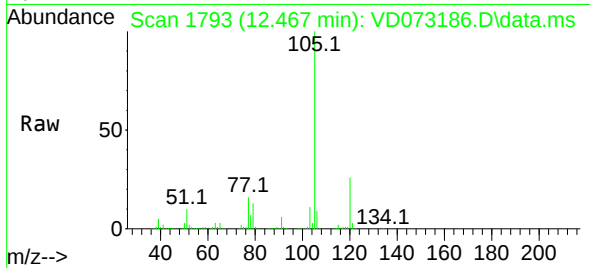




#73
Isopropylbenzene
Concen: 50.669 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

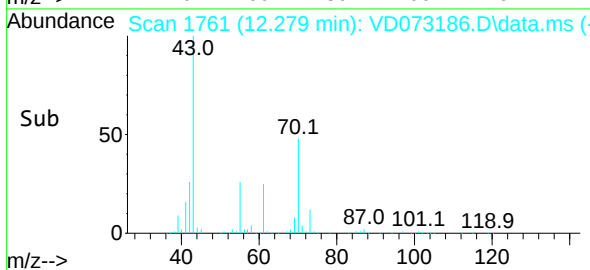
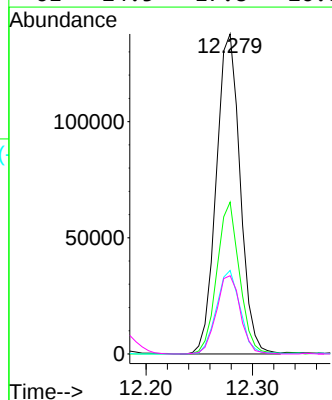
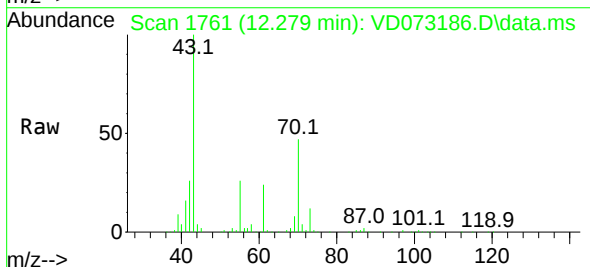
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

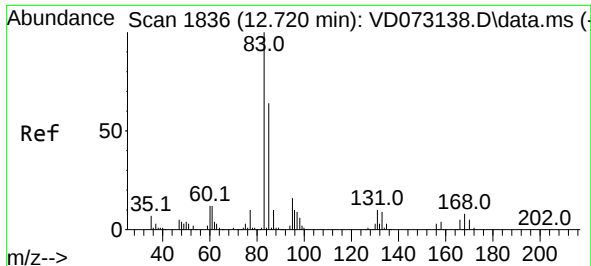
Tgt Ion:105 Resp: 939881
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 52.972 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 43 Resp: 214358
Ion Ratio Lower Upper
43 100
70 44.8 31.3 46.9
55 26.0 20.0 30.0
61 24.5 17.8 26.8

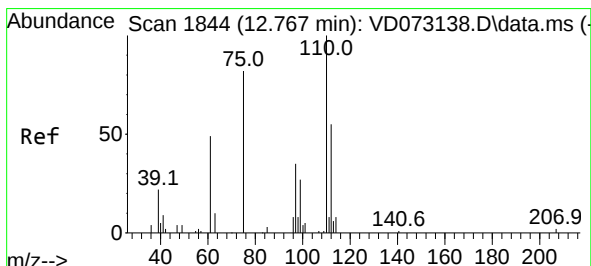
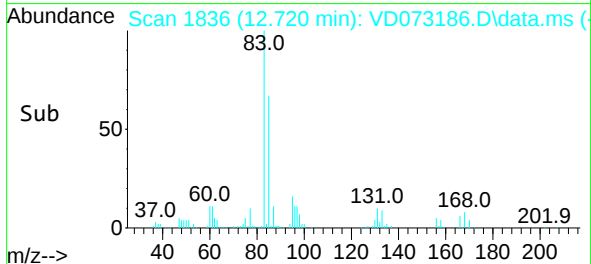
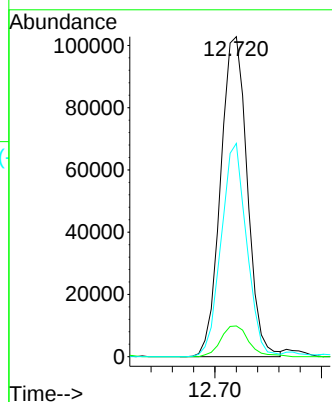
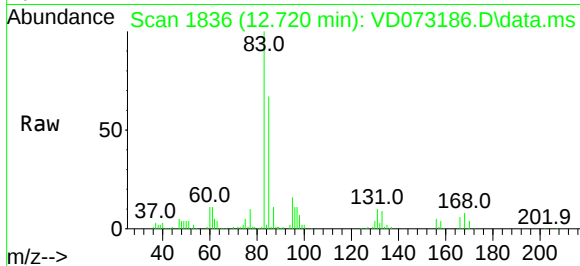




#75
1,1,2,2-Tetrachloroethane
Concen: 52.182 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

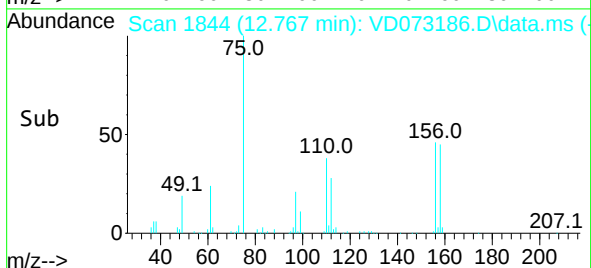
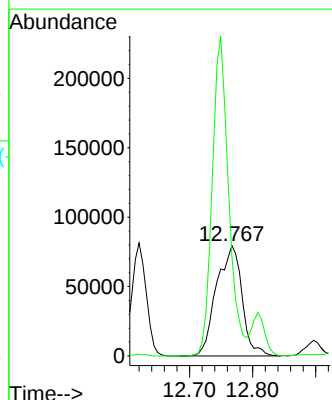
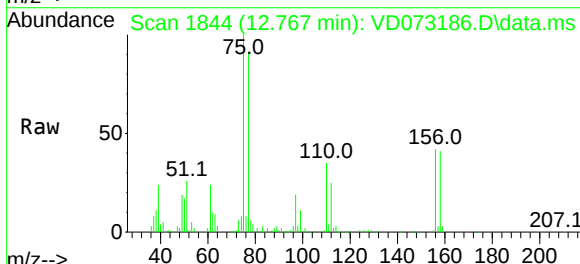
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

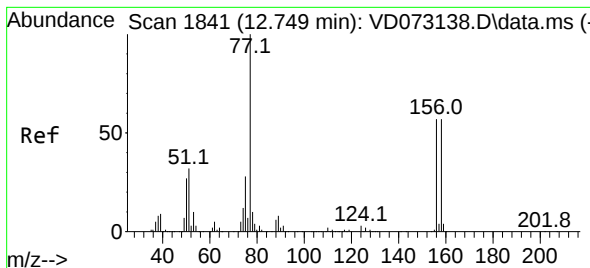
Tgt Ion: 83 Resp: 178518
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 63.7 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 87.630 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 75 Resp: 223721
Ion Ratio Lower Upper
75 100
77 186.8 0.0 0.0#





#77

Bromobenzene

Concen: 50.340 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

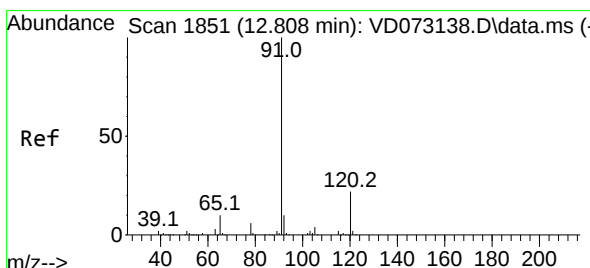
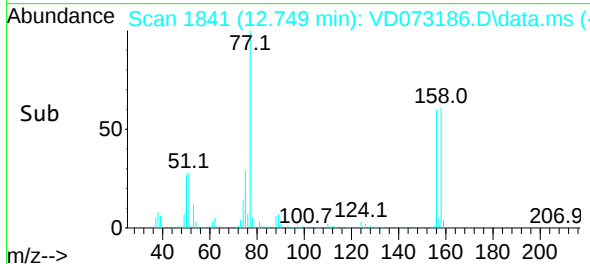
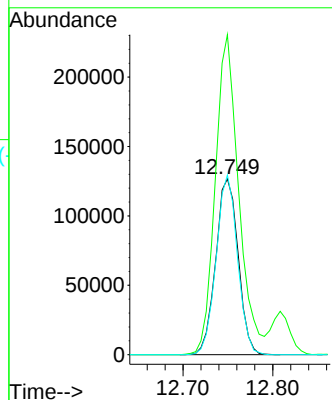
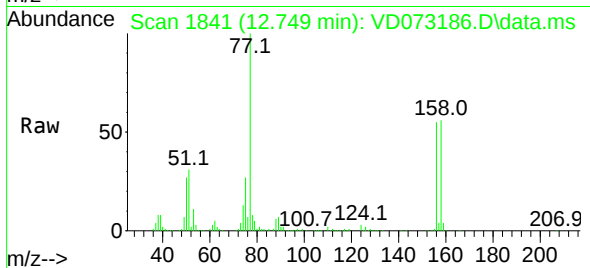
Tgt Ion:156 Resp: 219812

Ion Ratio Lower Upper

156 100

77 190.2 102.8 308.3

158 97.2 48.7 146.1



#78

n-propylbenzene

Concen: 50.824 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073186.D

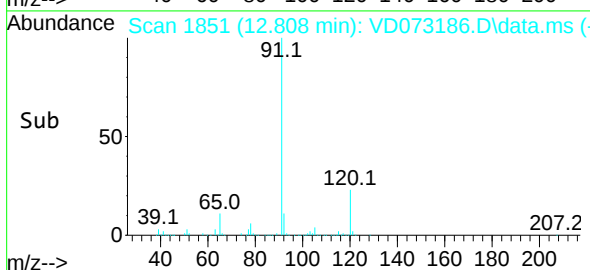
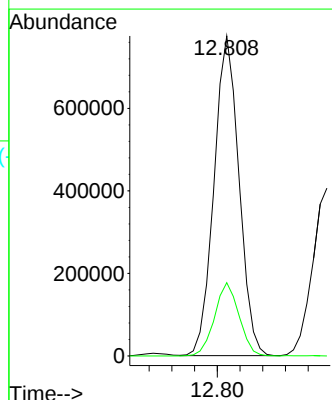
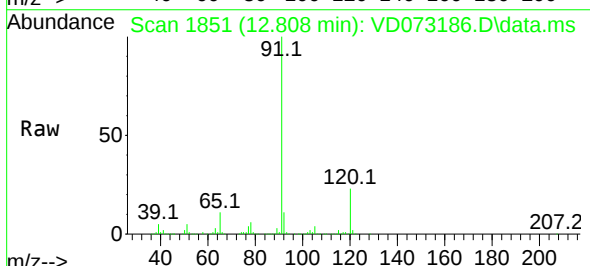
Acq: 20 May 2022 15:20

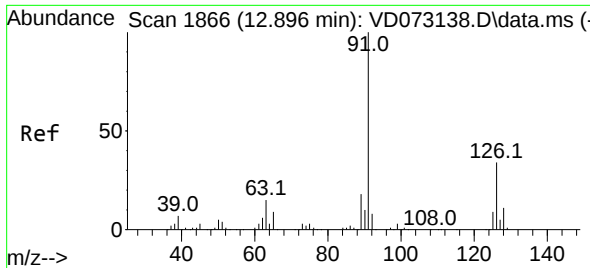
Tgt Ion: 91 Resp: 1183555

Ion Ratio Lower Upper

91 100

120 22.5 10.9 32.9

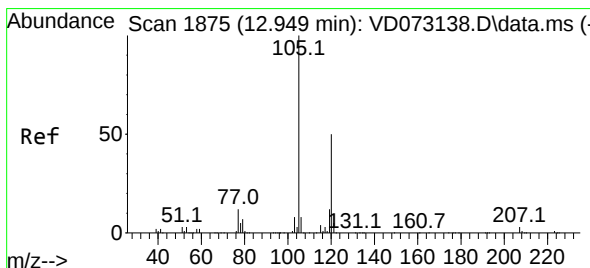
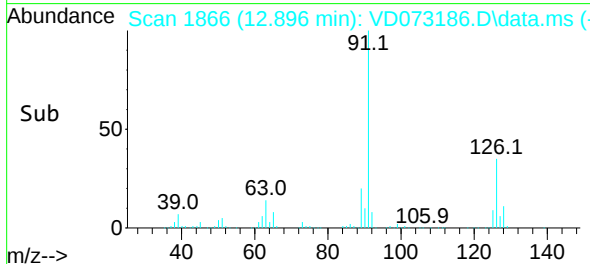
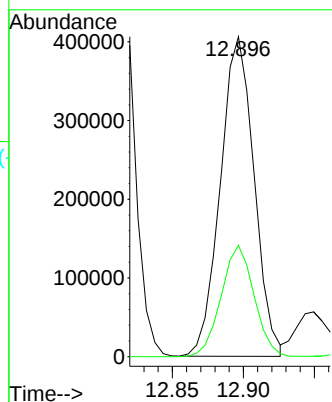
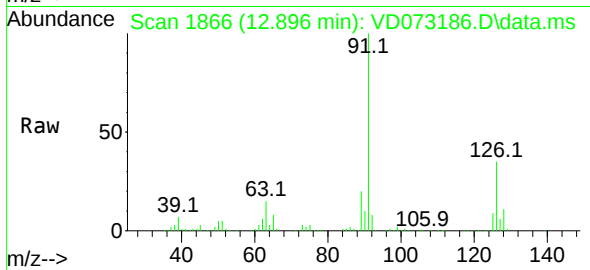




#79
2-Chlorotoluene
Concen: 49.902 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

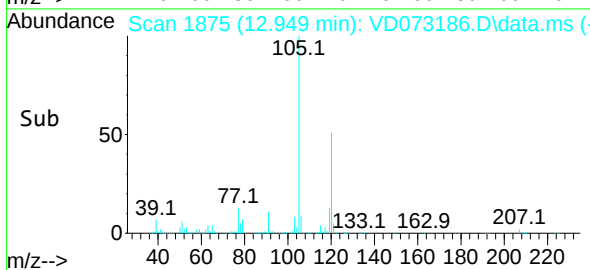
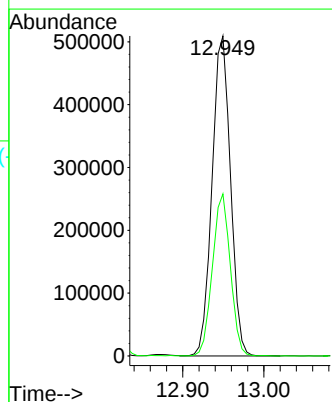
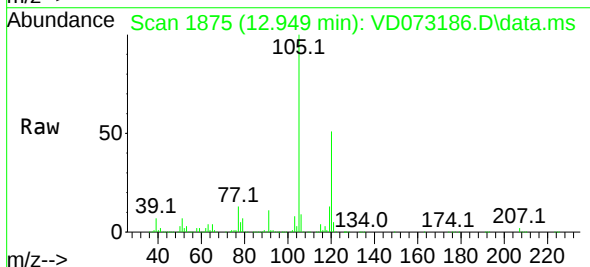
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

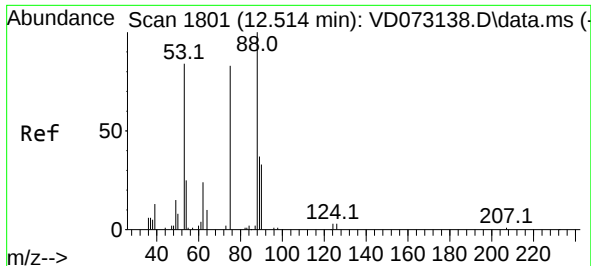
Tgt Ion: 91 Resp: 670975
Ion Ratio Lower Upper
91 100
126 34.0 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 51.099 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 105 Resp: 802933
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.8

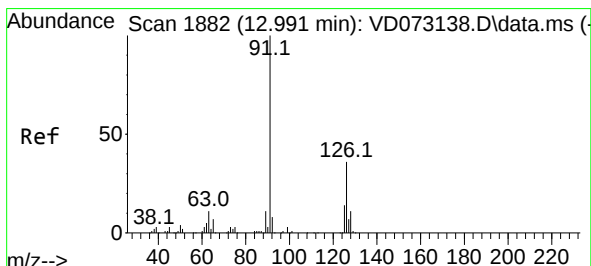
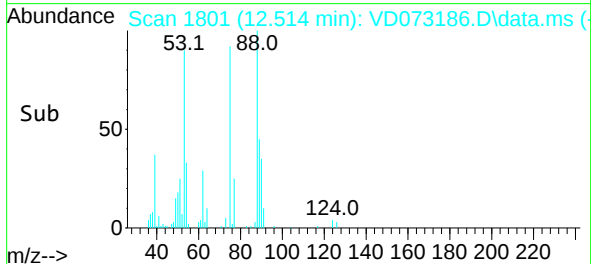
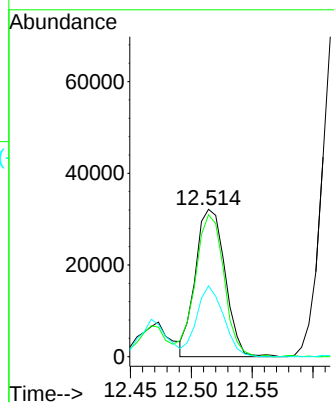
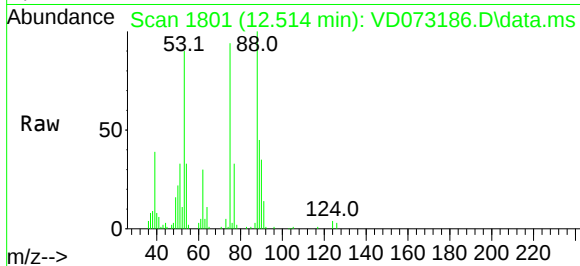




#81
trans-1,4-Dichloro-2-butene
Concen: 51.404 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

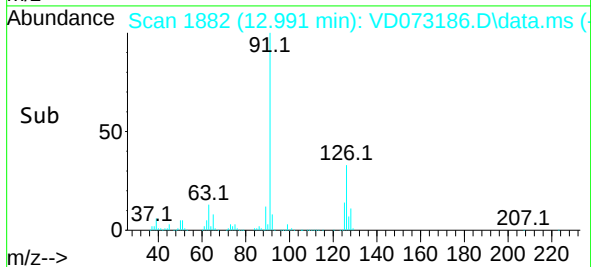
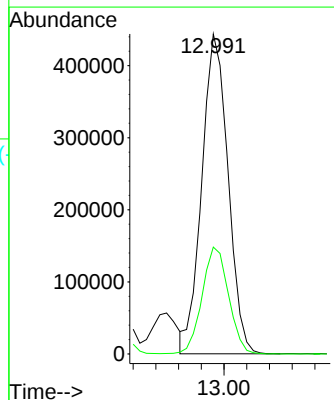
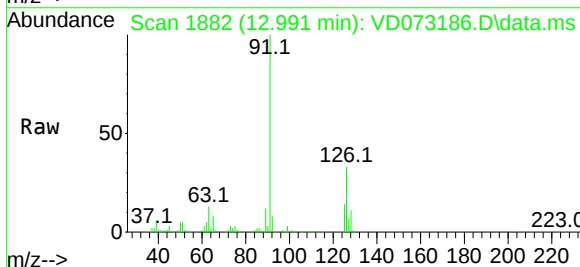
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

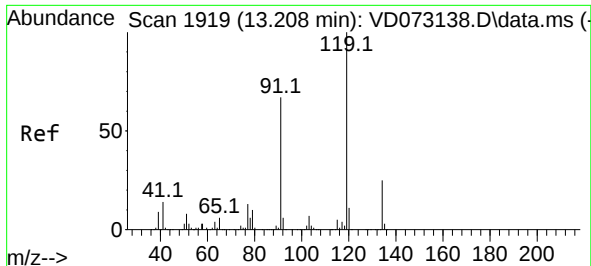
Tgt Ion: 75 Resp: 54666
Ion Ratio Lower Upper
75 100
53 93.9 86.5 129.7
89 43.8 33.9 50.9



#82
4-Chlorotoluene
Concen: 50.342 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 91 Resp: 709488
Ion Ratio Lower Upper
91 100
126 33.8 16.5 49.5

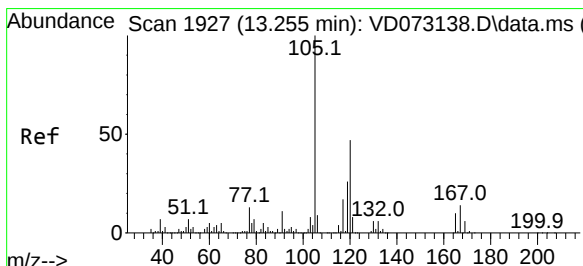
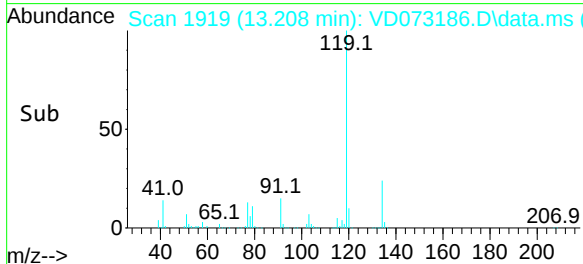
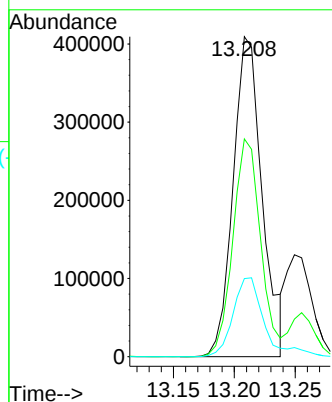
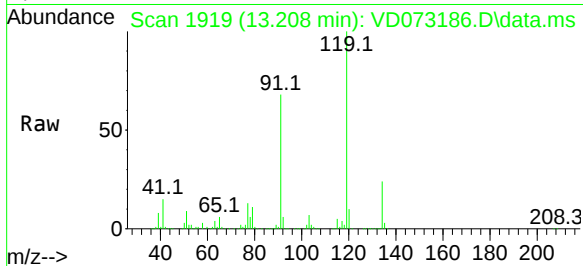




#83
tert-Butylbenzene
Concen: 51.364 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

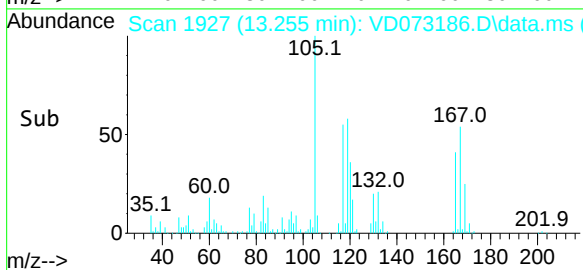
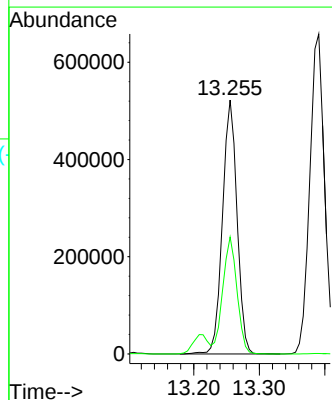
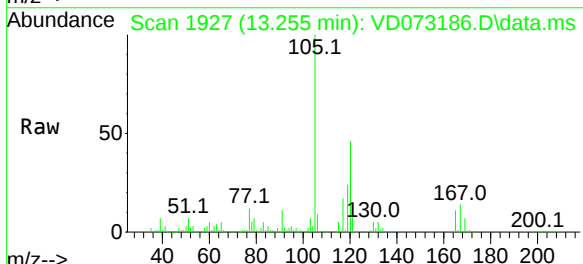
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

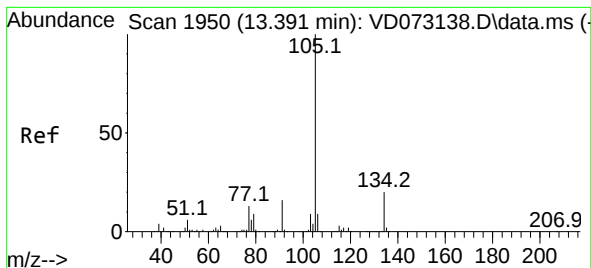
Tgt Ion:119 Resp: 680220
Ion Ratio Lower Upper
119 100
91 65.1 34.8 104.5
134 26.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 51.612 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion:105 Resp: 801185
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 50.407 ug/l

RT: 13.391 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

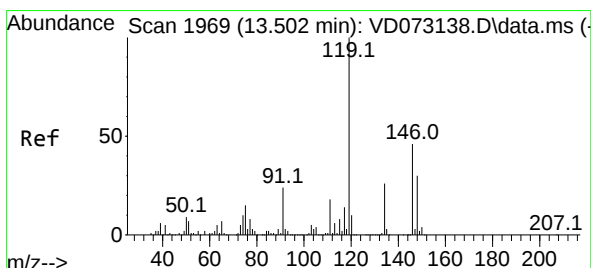
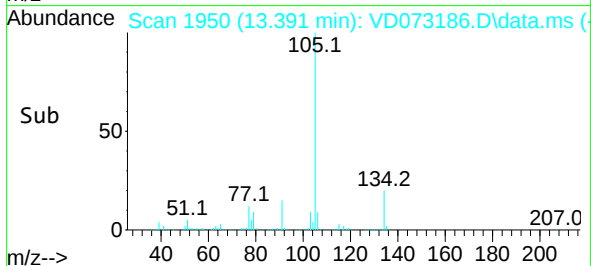
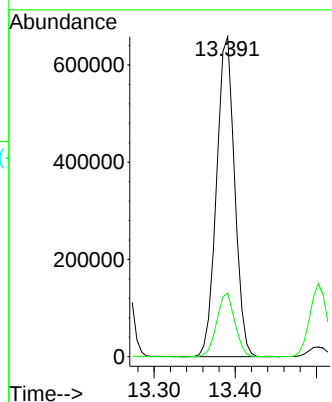
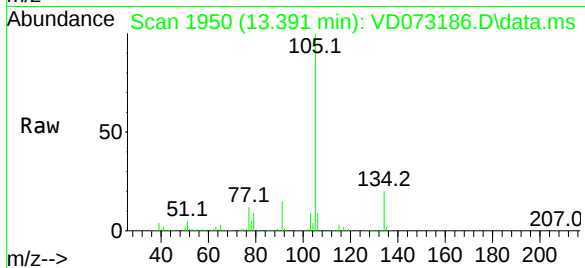
VSTDCCC050EC

Tgt Ion:105 Resp: 1019288

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 51.422 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

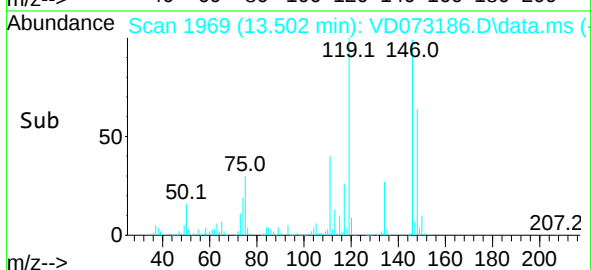
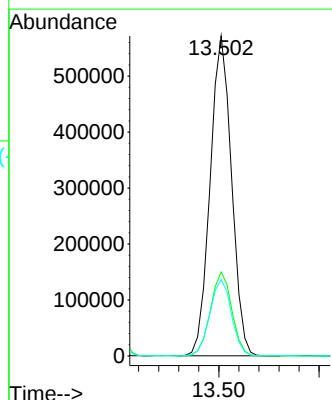
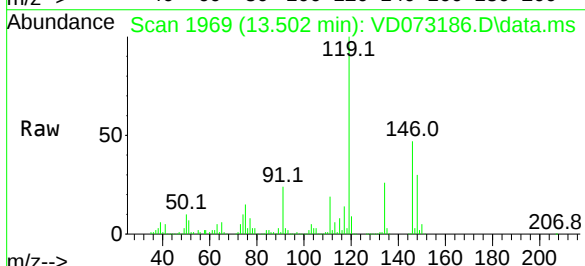
Tgt Ion:119 Resp: 847616

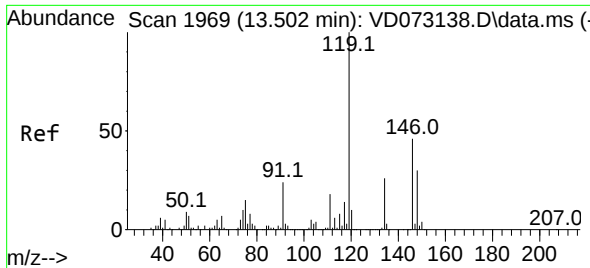
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

91 24.2 12.1 36.3

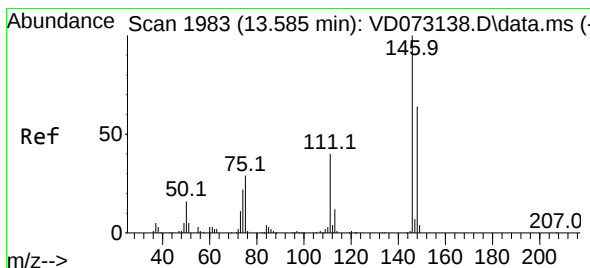
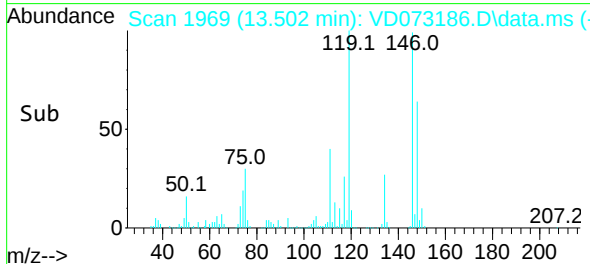
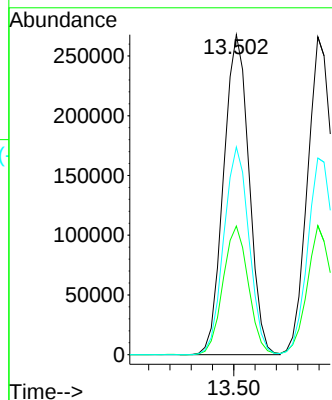
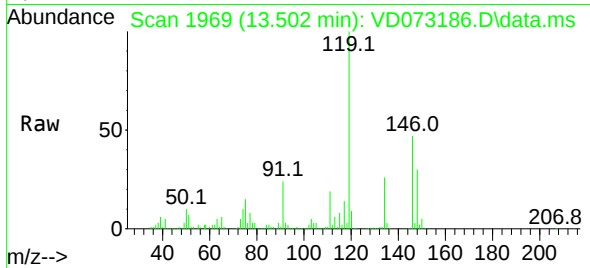




#87
1,3-Dichlorobenzene
Concen: 50.468 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

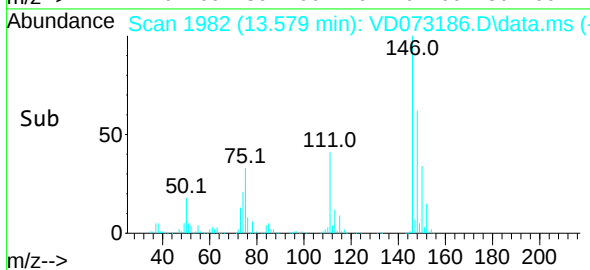
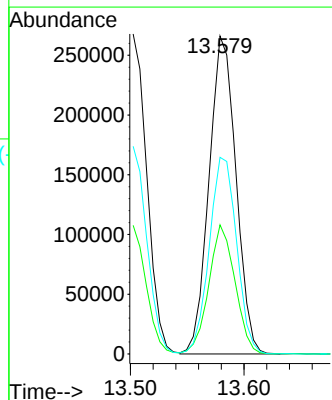
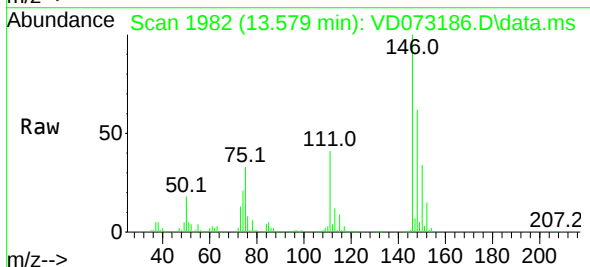
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

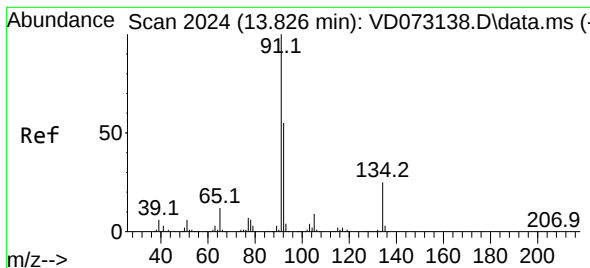
Tgt Ion:146 Resp: 444188
Ion Ratio Lower Upper
146 100
111 40.1 20.4 61.3
148 64.5 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 49.443 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion:146 Resp: 439284
Ion Ratio Lower Upper
146 100
111 39.4 20.3 60.9
148 62.9 31.7 95.1





#89

n-Butylbenzene

Concen: 51.456 ug/l

RT: 13.826 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

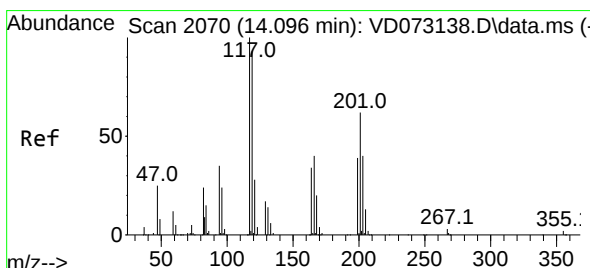
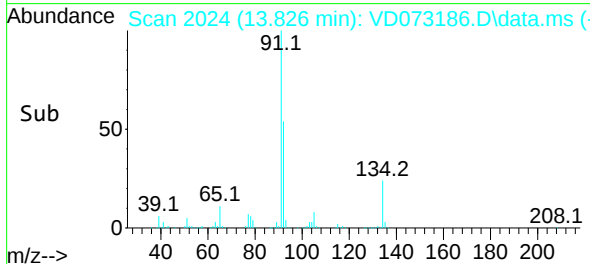
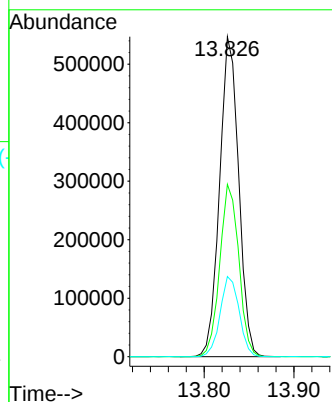
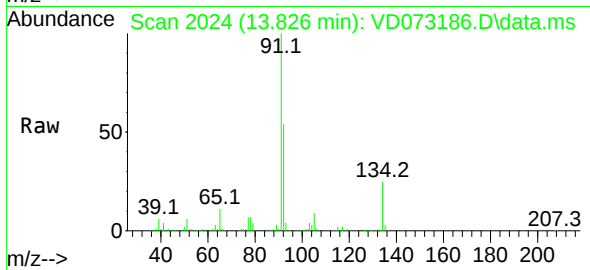
Tgt Ion: 91 Resp: 808145

Ion Ratio Lower Upper

91 100

92 53.7 26.6 79.8

134 25.0 12.3 36.9



#90

Hexachloroethane

Concen: 49.652 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073186.D

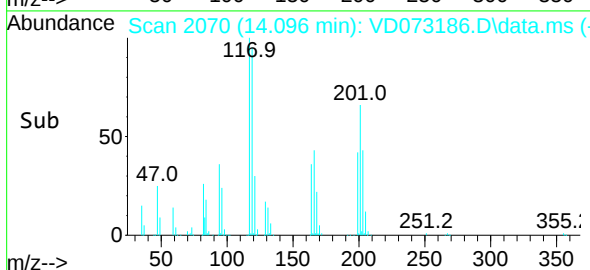
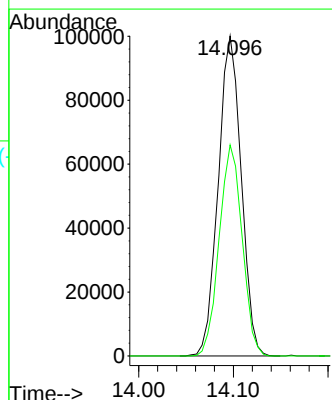
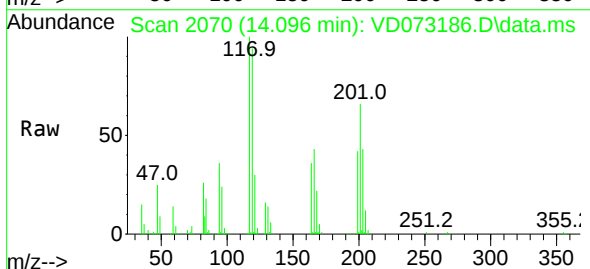
Acq: 20 May 2022 15:20

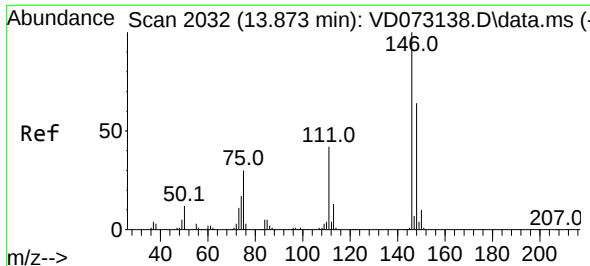
Tgt Ion:117 Resp: 169347

Ion Ratio Lower Upper

117 100

201 65.7 33.4 100.2

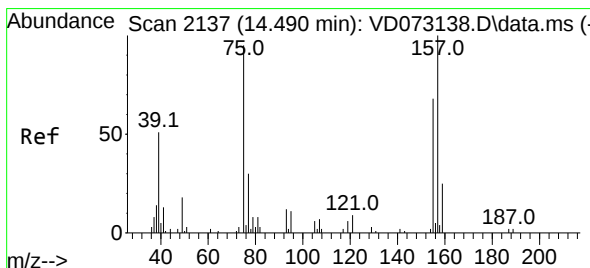
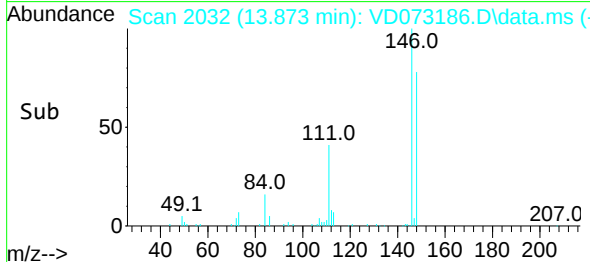
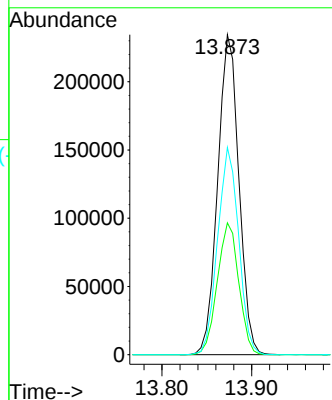
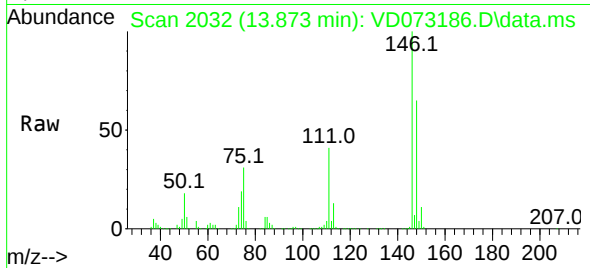




#91
1,2-Dichlorobenzene
Concen: 50.431 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

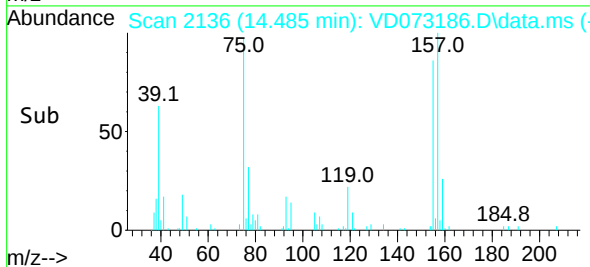
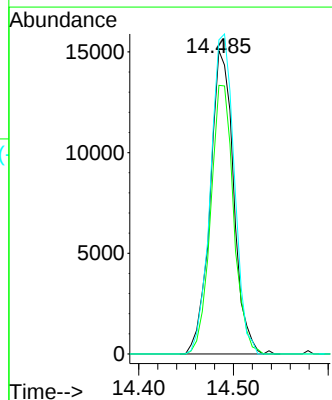
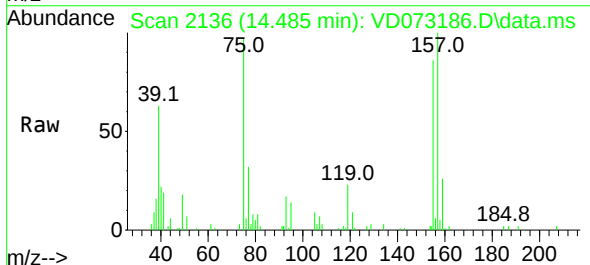
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

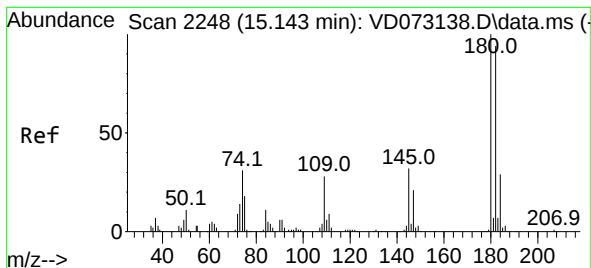
Tgt Ion:146 Resp: 384048
Ion Ratio Lower Upper
146 100
111 41.8 21.1 63.3
148 64.4 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.608 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.005 min
Lab File: VD073186.D
Acq: 20 May 2022 15:20

Tgt Ion: 75 Resp: 25990
Ion Ratio Lower Upper
75 100
155 86.3 36.8 110.3
157 106.5 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 51.546 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD073186.D

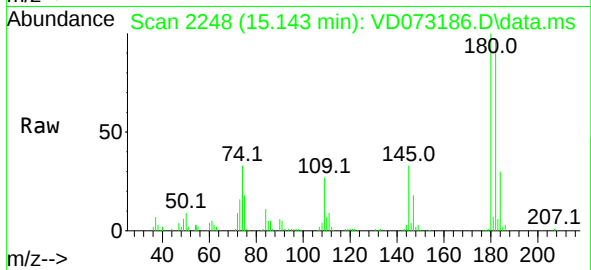
Acq: 20 May 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



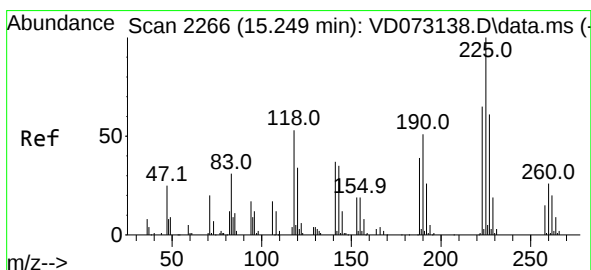
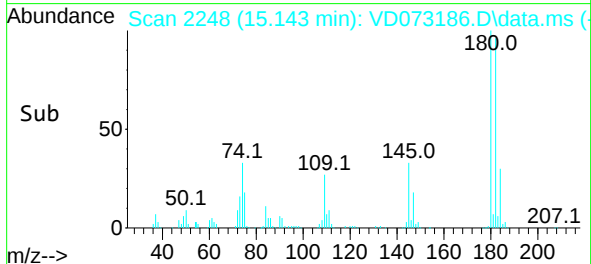
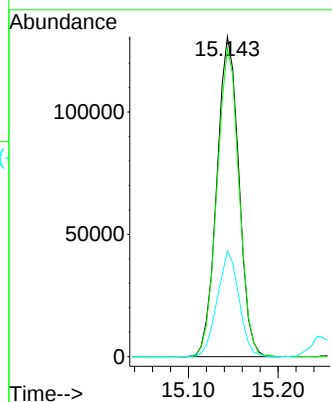
Tgt Ion:180 Resp: 222855

Ion Ratio Lower Upper

180 100

182 96.5 47.3 142.0

145 32.6 16.2 48.5



#94

Hexachlorobutadiene

Concen: 47.017 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

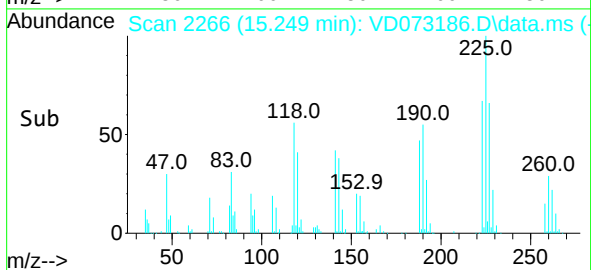
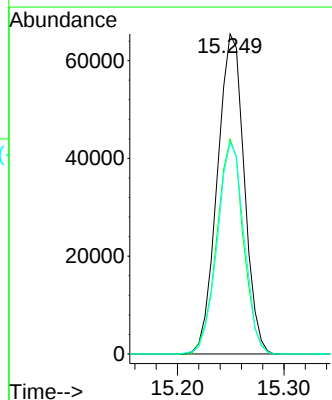
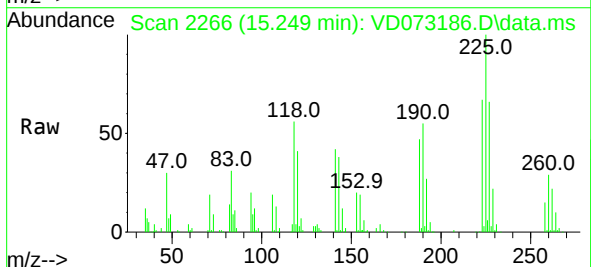
Tgt Ion:225 Resp: 114547

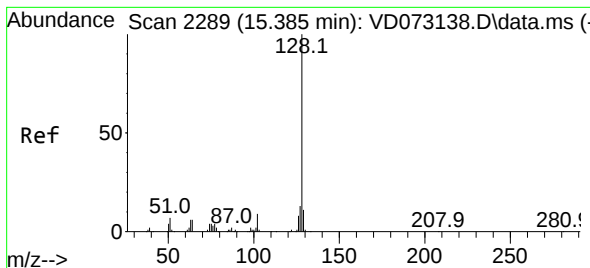
Ion Ratio Lower Upper

225 100

223 65.9 31.1 93.2

227 65.8 32.4 97.0





#95

Naphthalene

Concen: 49.968 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

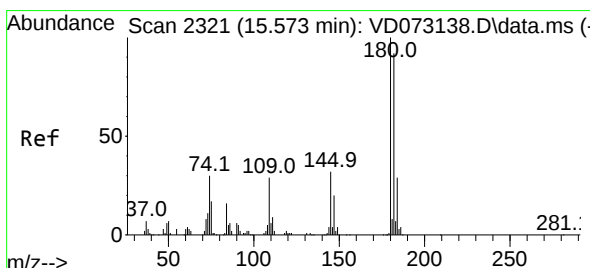
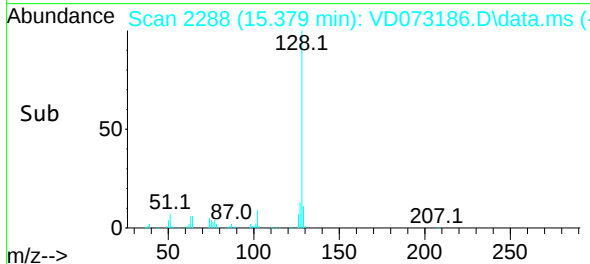
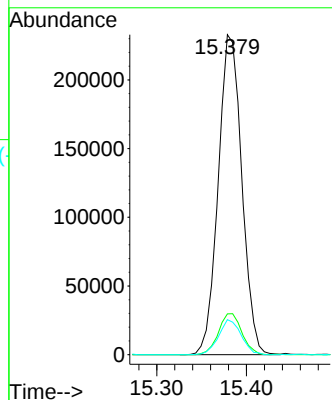
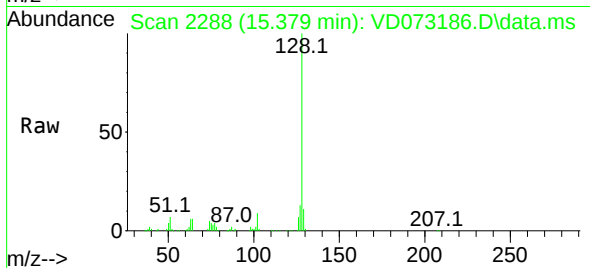
Tgt Ion:128 Resp: 425452

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.5 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 51.193 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. 0.006 min

Lab File: VD073186.D

Acq: 20 May 2022 15:20

Tgt Ion:180 Resp: 196213

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.9

145 35.4 17.1 51.3

