

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
 Data File : VD073400.D
 Acq On : 26 May 2022 20:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 27 01:34:31 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	322008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	550376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	528008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	257156	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	188446	52.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.900%	
35) Dibromofluoromethane	7.909	113	195472	53.823	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.640%	
50) Toluene-d8	10.332	98	710194	53.049	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.100%	
62) 4-Bromofluorobenzene	12.620	95	264752	56.351	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	214065	66.529	ug/l	95
3) Chloromethane	2.209	50	223124	61.326	ug/l	95
4) Vinyl Chloride	2.344	62	206722	62.135	ug/l	99
5) Bromomethane	2.756	94	135651	64.795	ug/l	91
6) Chloroethane	2.915	64	125801	61.510	ug/l	98
7) Trichlorofluoromethane	3.268	101	350761	59.625	ug/l	100
8) Diethyl Ether	3.709	74	112156	69.382	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	207106	59.004	ug/l	94
10) Methyl Iodide	4.297	142	244873	64.662	ug/l	96
11) Tert butyl alcohol	5.215	59	105008	190.189	ug/l #	90
12) 1,1-Dichloroethene	4.062	96	206264	63.739	ug/l	92
13) Acrolein	3.915	56	37220	164.643	ug/l	98
14) Allyl chloride	4.709	41	337138	64.542	ug/l	90
15) Acrylonitrile	5.415	53	256967	347.635	ug/l	97
16) Acetone	4.156	43	181418	294.322	ug/l #	84
17) Carbon Disulfide	4.403	76	686397	63.983	ug/l	98
18) Methyl Acetate	4.715	43	121192	70.707	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	499944	67.814	ug/l	99
20) Methylene Chloride	4.956	84	261573	68.370	ug/l	86
21) trans-1,2-Dichloroethene	5.473	96	249497	63.766	ug/l	88
22) Diisopropyl ether	6.362	45	713874	65.193	ug/l #	91
23) Vinyl Acetate	6.297	43	2001939	342.749	ug/l #	93
24) 1,1-Dichloroethane	6.262	63	431954	61.456	ug/l	99
25) 2-Butanone	7.203	43	298168	330.634	ug/l	93
26) 2,2-Dichloropropane	7.203	77	317242	52.925	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	281401	64.997	ug/l	89
28) Bromochloromethane	7.544	49	120299	49.680	ug/l #	79
29) Tetrahydrofuran	7.561	42	207471	355.792	ug/l	92
30) Chloroform	7.703	83	453553	61.809	ug/l	98
31) Cyclohexane	7.979	56	362412	58.277	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	384411	59.897	ug/l	96
36) 1,1-Dichloropropene	8.109	75	330622	60.530	ug/l	95
37) Ethyl Acetate	7.285	43	144806	67.118	ug/l #	94
38) Carbon Tetrachloride	8.091	117	330088	59.617	ug/l	99
39) Methylcyclohexane	9.350	83	388026	63.744	ug/l	98
40) Benzene	8.344	78	984571	62.545	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	85674	68.157	ug/l #	89
42) 1,2-Dichloroethane	8.420	62	273304	62.396	ug/l	96
43) Isopropyl Acetate	8.444	43	273635	68.617	ug/l #	92
44) Trichloroethene	9.103	130	262151	62.450	ug/l	96
45) 1,2-Dichloropropane	9.379	63	246115	62.082	ug/l	100
46) Dibromomethane	9.467	93	138380	63.555	ug/l	96
47) Bromodichloromethane	9.656	83	342830	61.537	ug/l #	99
48) Methyl methacrylate	9.450	41	137269	68.418	ug/l #	89
49) 1,4-Dioxane	9.456	88	31900	1418.714	ug/l	89
51) 4-Methyl-2-Pentanone	10.220	43	731570	353.210	ug/l	93
52) Toluene	10.397	92	642002	64.539	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	319923	63.565	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	379133	62.948	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	189651	64.413	ug/l	96
56) Ethyl methacrylate	10.650	69	241593	73.801	ug/l	86
57) 1,3-Dichloropropane	10.938	76	323358	65.453	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	449135	285.424	ug/l	95
59) 2-Hexanone	10.973	43	488836	357.987	ug/l	90
60) Dibromochloromethane	11.132	129	233522	63.607	ug/l	100
61) 1,2-Dibromoethane	11.238	107	183786	65.323	ug/l	96
64) Tetrachloroethene	10.867	164	211837	61.254	ug/l	96
65) Chlorobenzene	11.661	112	678523	62.641	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	252254	62.793	ug/l	99
67) Ethyl Benzene	11.732	91	1210840	63.678	ug/l	100
68) m/p-Xylenes	11.844	106	950646	128.681	ug/l	98
69) o-Xylene	12.167	106	440106	64.848	ug/l	99
70) Styrene	12.185	104	773718	66.264	ug/l	97
71) Bromoform	12.349	173	138055	66.772	ug/l #	98
73) Isopropylbenzene	12.467	105	1161022	63.331	ug/l	99
74) N-amyl acetate	12.279	43	270067	67.529	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	213651	63.190	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	267101	105.860	ug/l #	100
77) Bromobenzene	12.749	156	270580	62.700	ug/l	91
78) n-propylbenzene	12.808	91	1419786	61.690	ug/l	99
79) 2-Chlorotoluene	12.897	91	821881	61.849	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	985617	63.467	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	64920	61.769	ug/l	88
82) 4-Chlorotoluene	12.991	91	860866	61.806	ug/l	99
83) tert-Butylbenzene	13.208	119	840402	64.211	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	972757	63.407	ug/l	98
85) sec-Butylbenzene	13.385	105	1222242	61.160	ug/l	99
86) p-Isopropyltoluene	13.502	119	1010658	62.039	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	528959	60.810	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	524935	59.783	ug/l	99
89) n-Butylbenzene	13.826	91	970860	62.548	ug/l	98
90) Hexachloroethane	14.096	117	200714	59.545	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	466313	61.959	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	33542	64.781	ug/l	85
93) 1,2,4-Trichlorobenzene	15.143	180	277886	65.035	ug/l	99
94) Hexachlorobutadiene	15.249	225	137804	57.233	ug/l	99
95) Naphthalene	15.379	128	565429	65.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	250355	66.092	ug/l	99

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

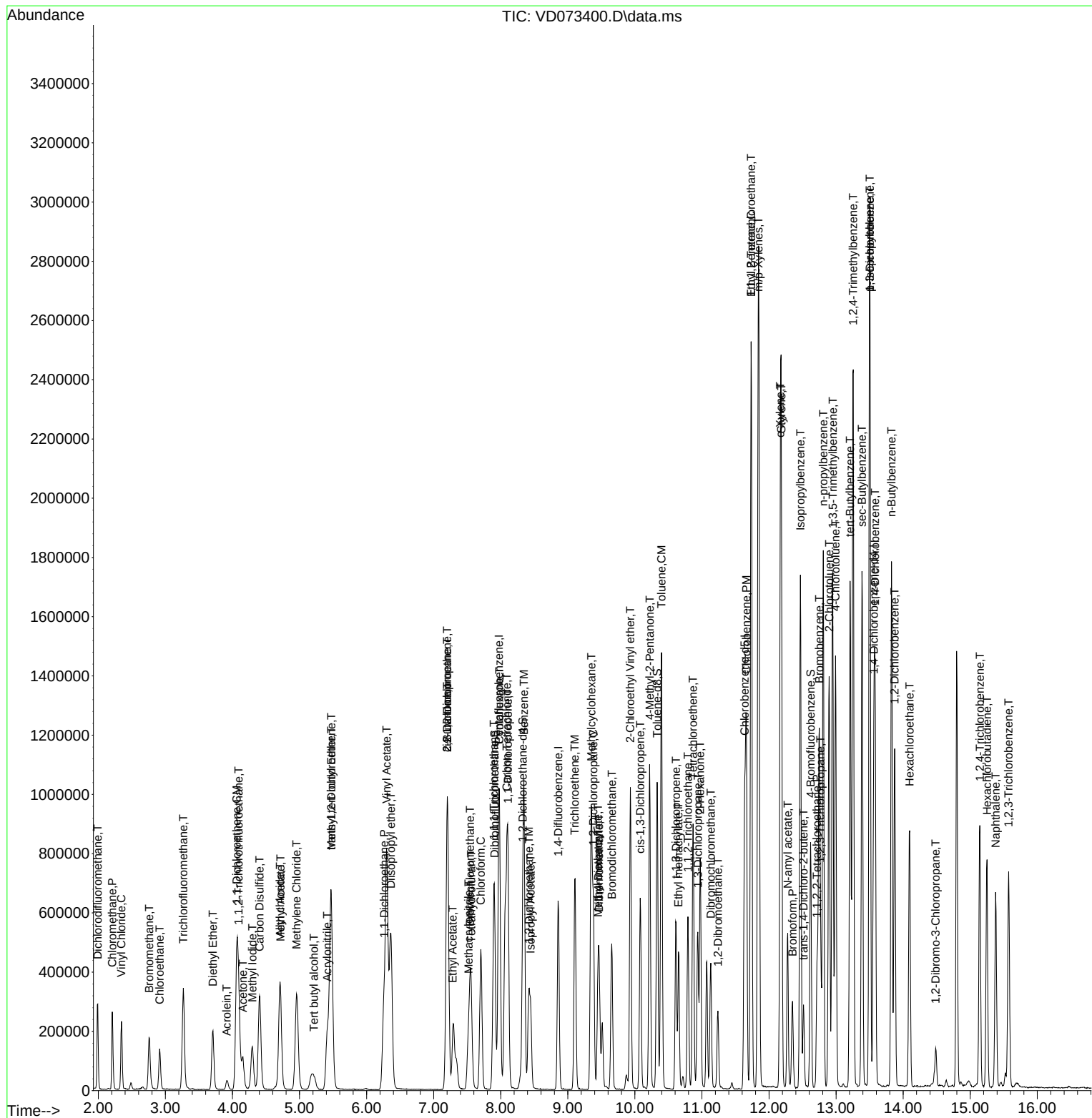
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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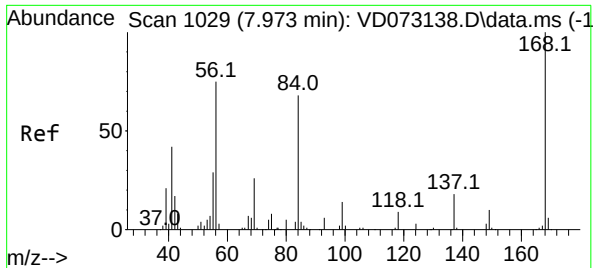
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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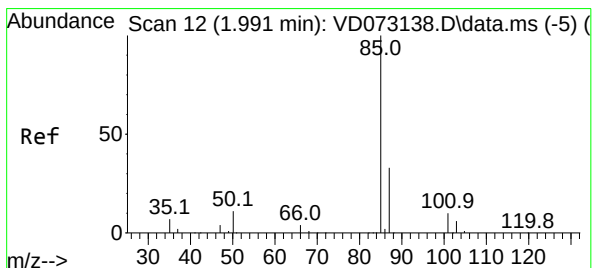
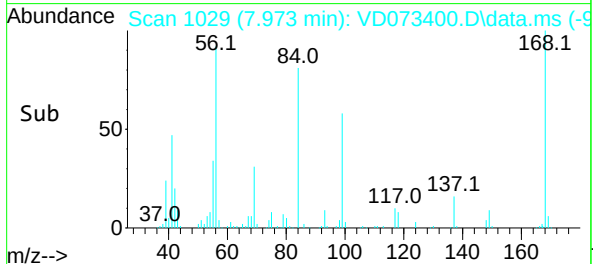
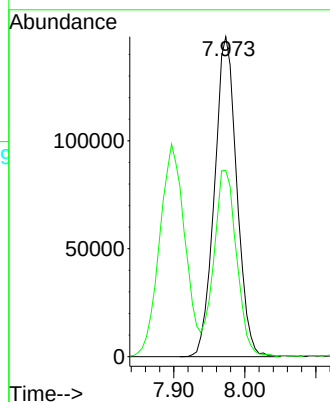
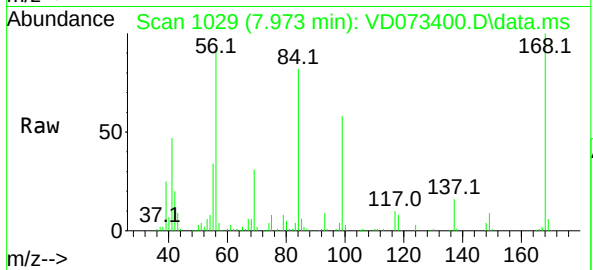




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073400.D
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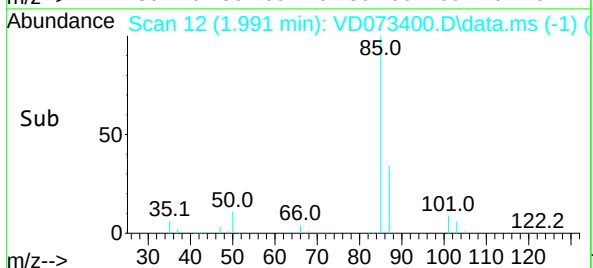
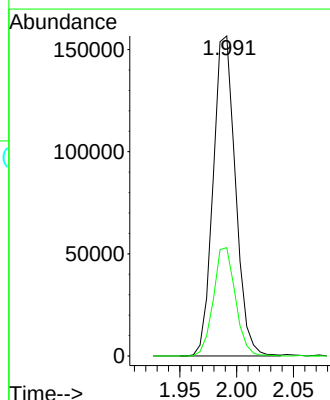
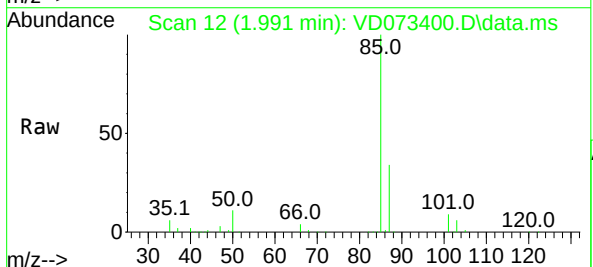
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

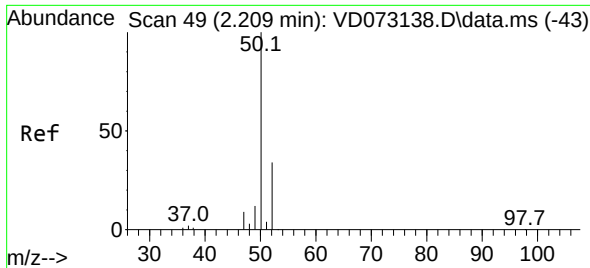
Tgt Ion:168 Resp: 322008
Ion Ratio Lower Upper
168 100
99 58.0 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 66.529 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion: 85 Resp: 214065
Ion Ratio Lower Upper
85 100
87 33.8 15.7 47.0

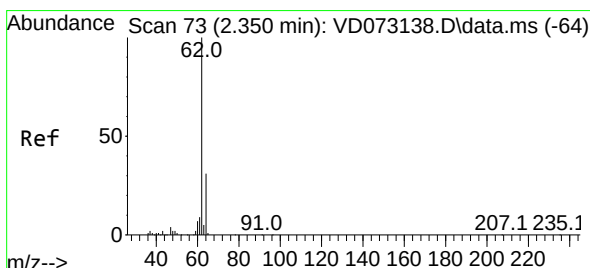
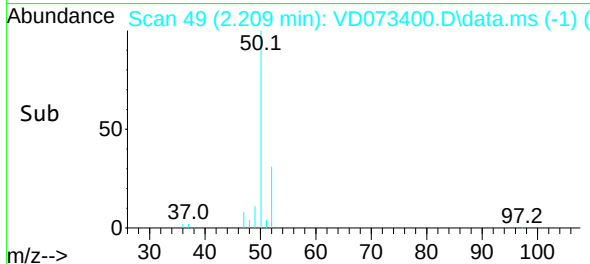
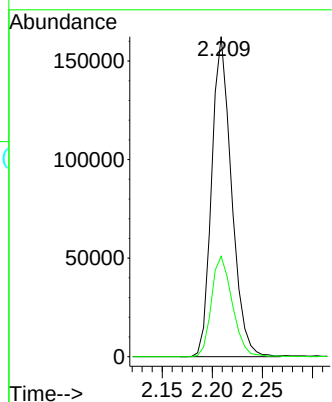
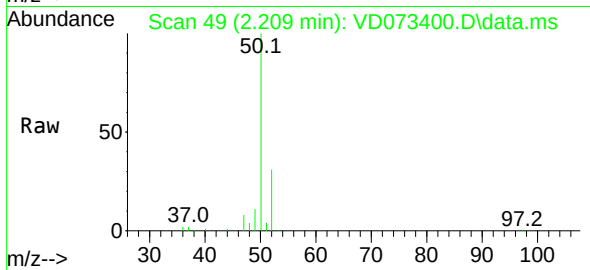




#3
Chloromethane
Concen: 61.326 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

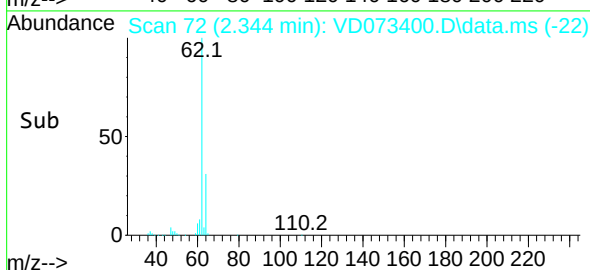
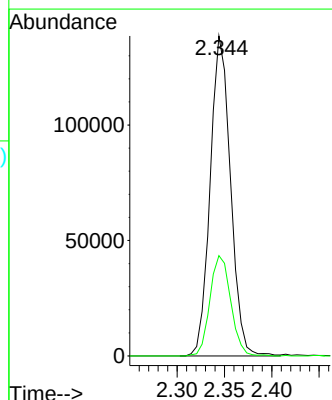
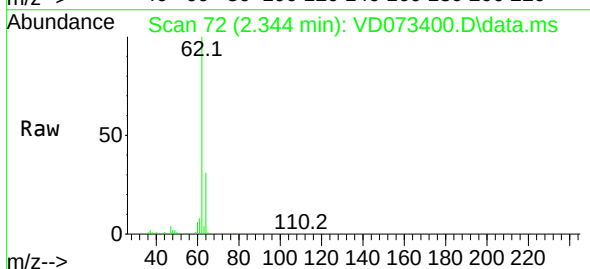
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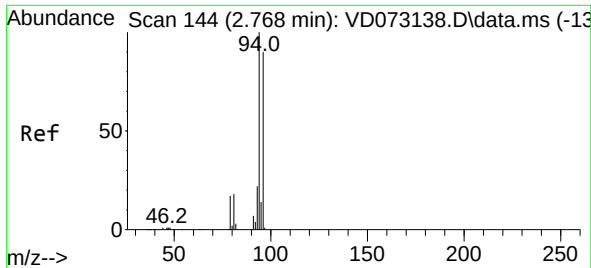
Tgt Ion: 50 Resp: 223124
Ion Ratio Lower Upper
50 100
52 31.3 27.4 41.0



#4
Vinyl Chloride
Concen: 62.135 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion: 62 Resp: 206722
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0

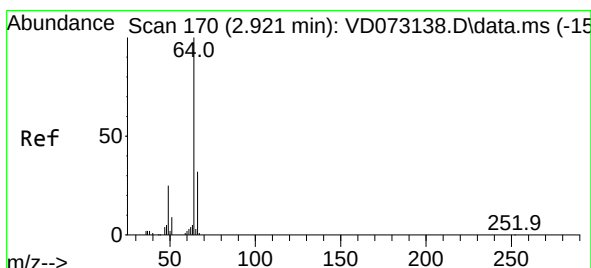
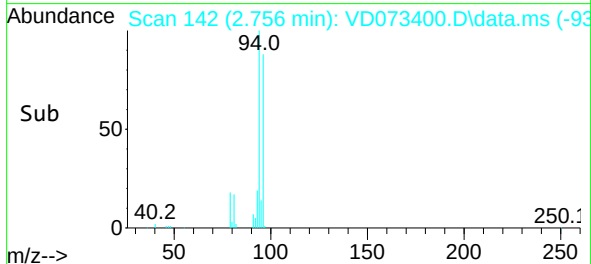
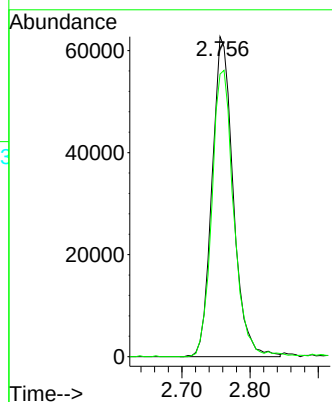
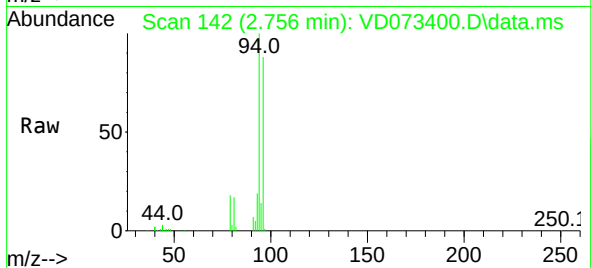




#5
Bromomethane
Concen: 64.795 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD073400.D
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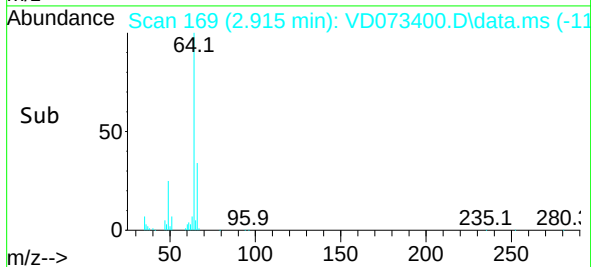
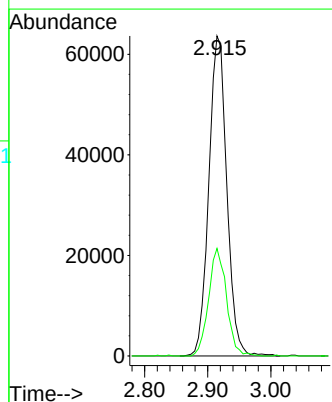
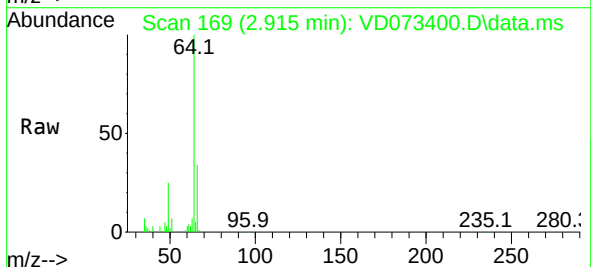
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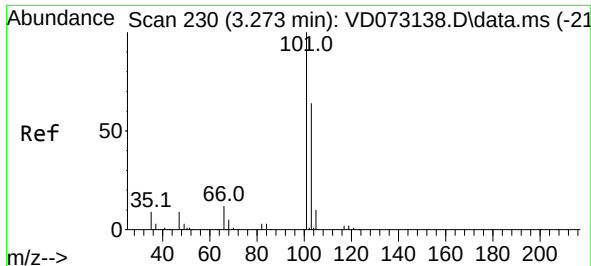
Tgt Ion: 94 Resp: 135651
Ion Ratio Lower Upper
94 100
96 88.3 77.6 116.4



#6
Chloroethane
Concen: 61.510 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion: 64 Resp: 125801
Ion Ratio Lower Upper
64 100
66 33.6 25.9 38.9

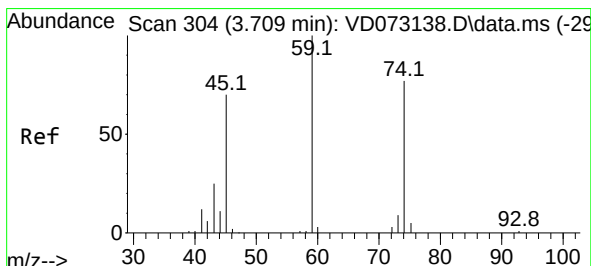
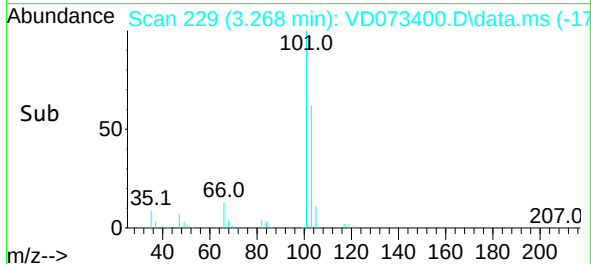
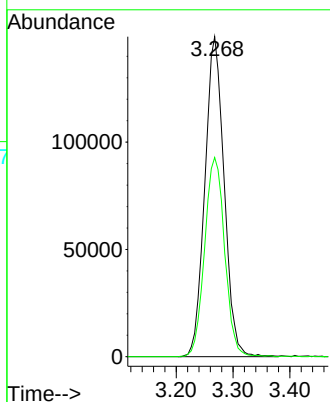
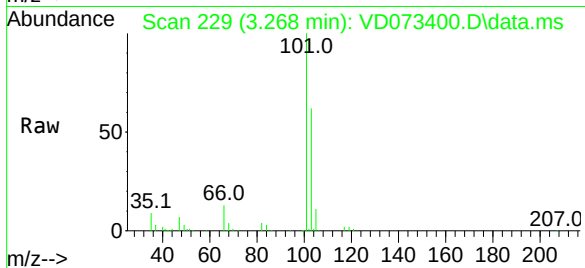




#7
 Trichlorofluoromethane
 Concen: 59.625 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD073400.D
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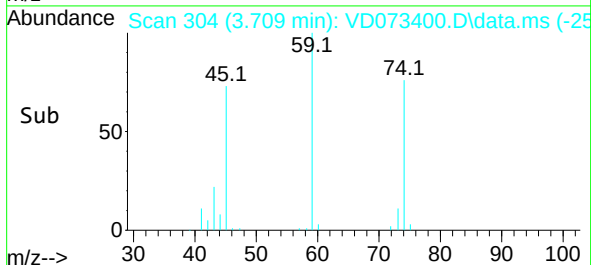
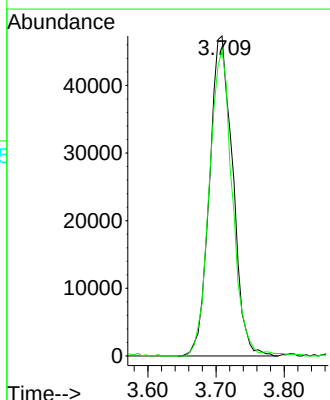
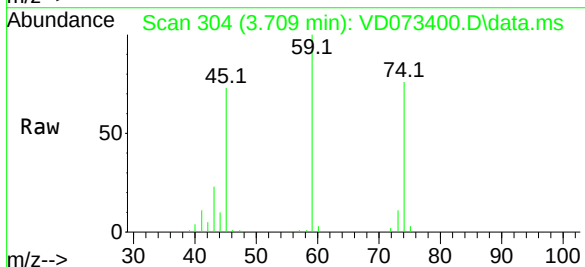
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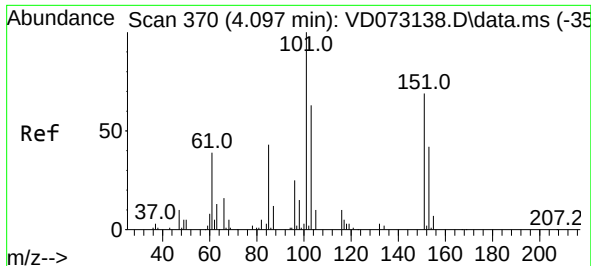
Tgt Ion:101 Resp: 350761
 Ion Ratio Lower Upper
 101 100
 103 62.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 69.382 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073400.D
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Tgt Ion: 74 Resp: 112156
 Ion Ratio Lower Upper
 74 100
 45 95.1 52.6 157.8

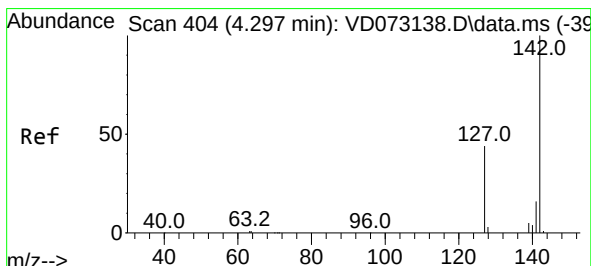
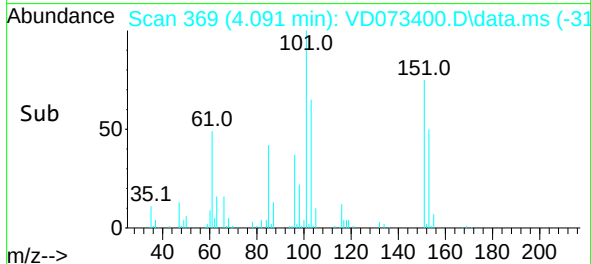
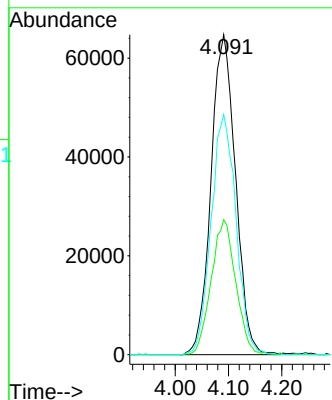
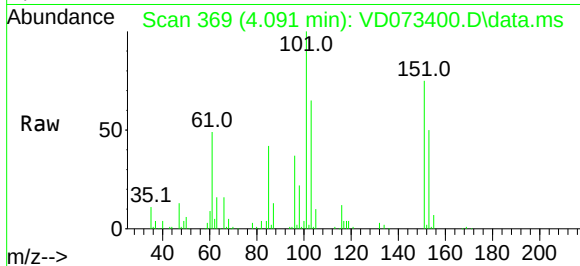




#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.004 ug/l
RT: 4.091 min Scan# 3
Delta R.T. -0.006 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

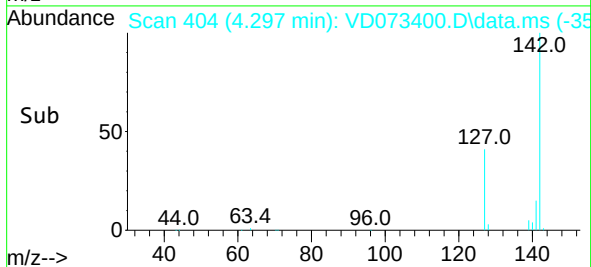
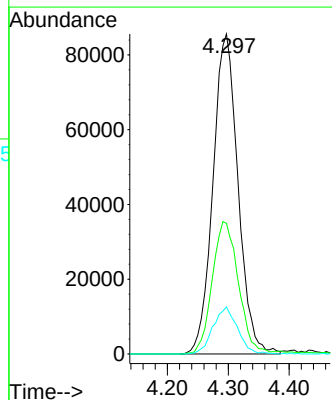
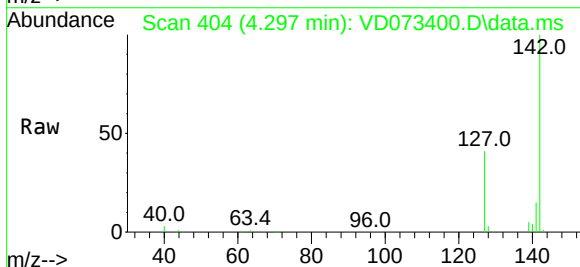
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

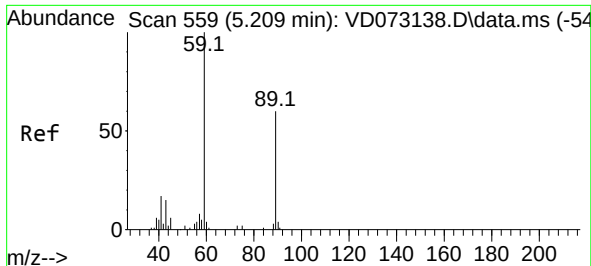
Tgt Ion:101 Resp: 207106
Ion Ratio Lower Upper
101 100
85 42.2 36.4 54.6
151 76.5 57.3 85.9



#10
Methyl Iodide
Concen: 64.662 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion:142 Resp: 244873
Ion Ratio Lower Upper
142 100
127 43.3 37.3 55.9
141 14.3 11.7 17.5

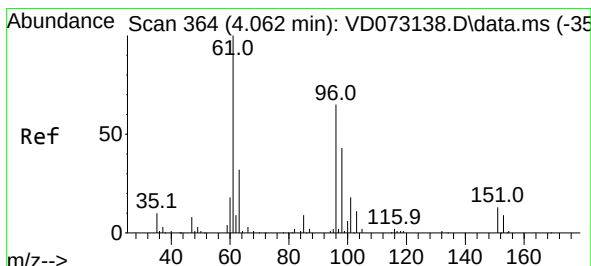
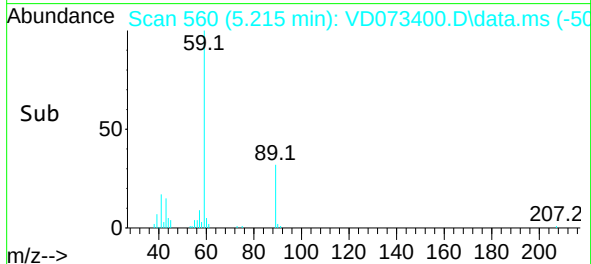
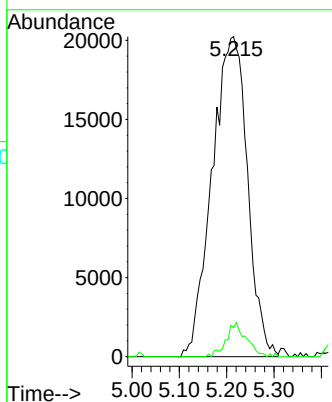
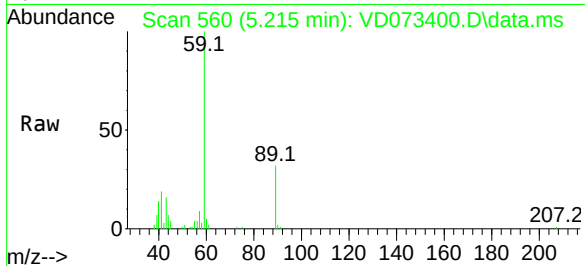




#11
Tert butyl alcohol
Concen: 190.189 ug/l
RT: 5.215 min Scan# 511
Delta R.T. 0.006 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

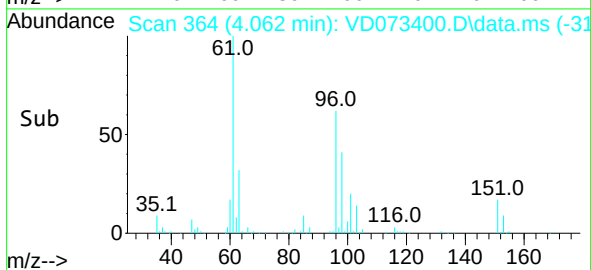
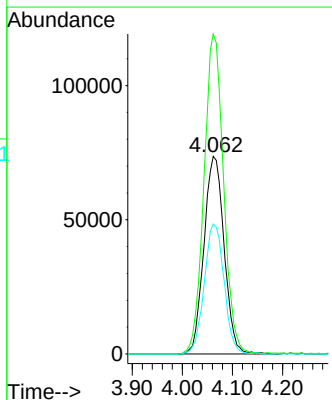
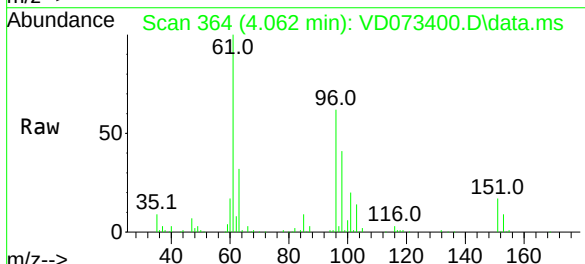
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

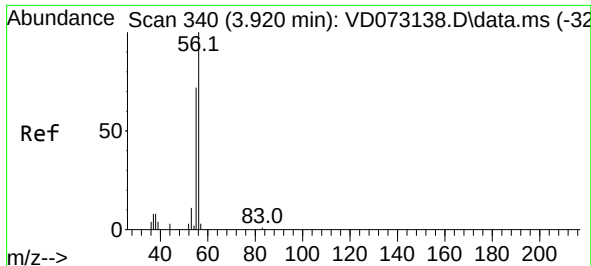
Tgt Ion: 59 Resp: 105008
Ion Ratio Lower Upper
59 100
57 6.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 63.739 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion: 96 Resp: 206264
Ion Ratio Lower Upper
96 100
61 161.9 138.5 207.7
98 65.8 48.6 73.0

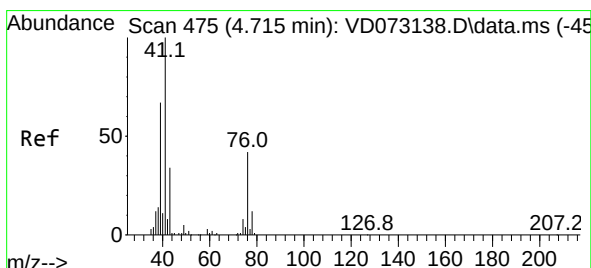
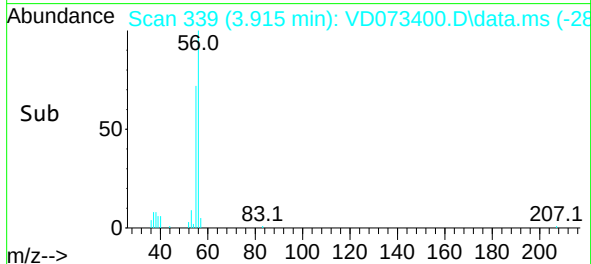
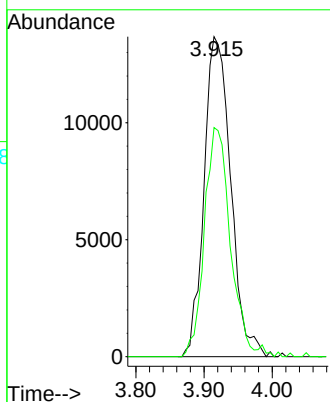
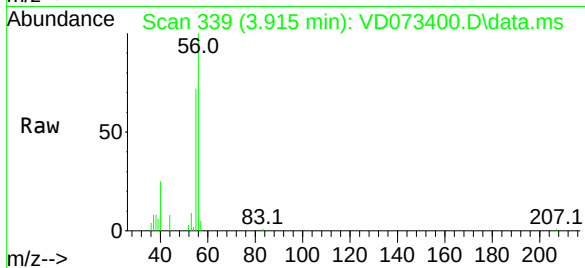




#13
Acrolein
Concen: 164.643 ug/l
RT: 3.915 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

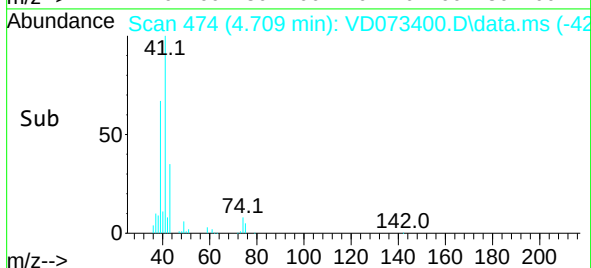
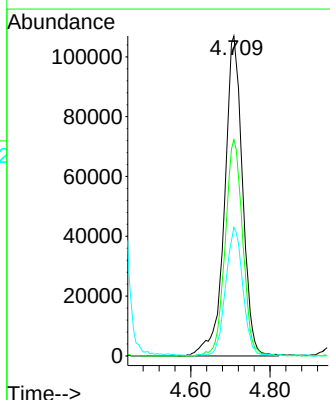
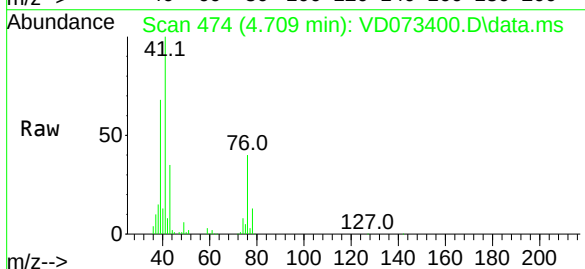
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

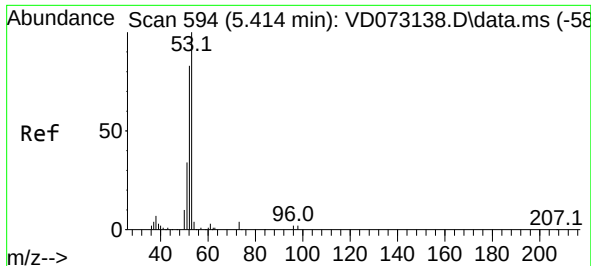
Tgt Ion: 56 Resp: 37220
Ion Ratio Lower Upper
56 100
55 70.0 57.1 85.7



#14
Allyl chloride
Concen: 64.542 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

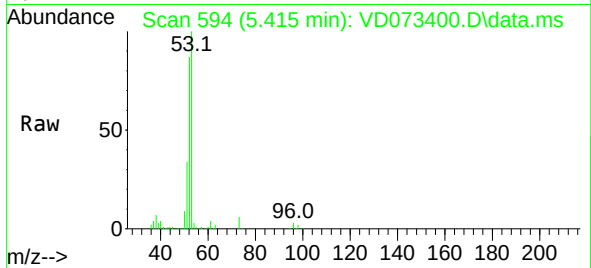
Tgt Ion: 41 Resp: 337138
Ion Ratio Lower Upper
41 100
39 65.7 59.3 88.9
76 37.9 25.7 38.5





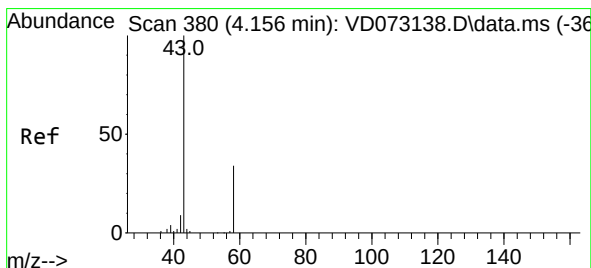
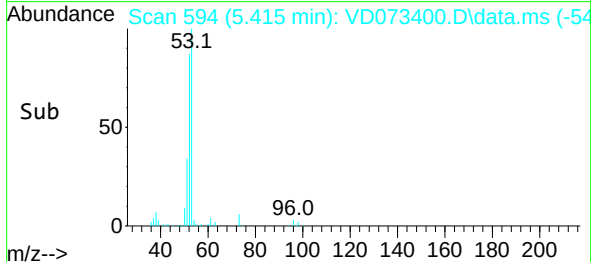
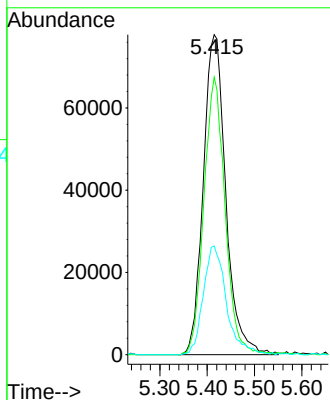
#15
Acrylonitrile
Concen: 347.635 ug/l
RT: 5.415 min Scan# 51
Delta R.T. 0.001 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 256967

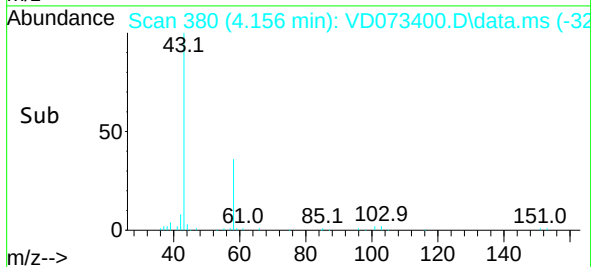
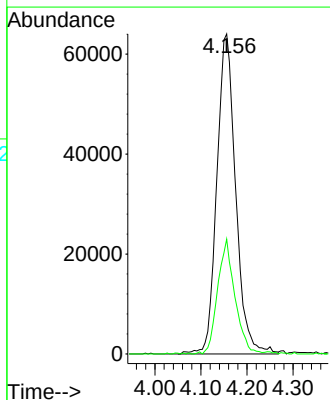
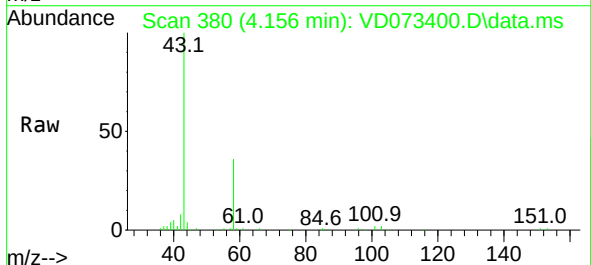
Ion	Ratio	Lower	Upper
53	100		
52	81.5	67.2	100.8
51	34.8	30.3	45.5

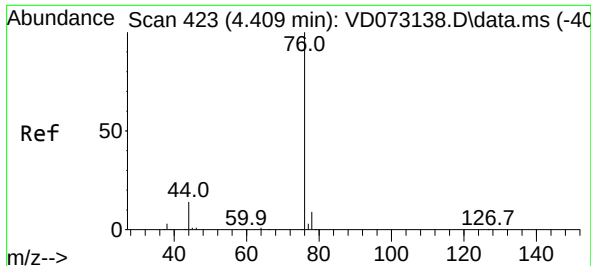


#16
Acetone
Concen: 294.322 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion: 43 Resp: 181418

Ion	Ratio	Lower	Upper
43	100		
58	35.9	22.1	33.1

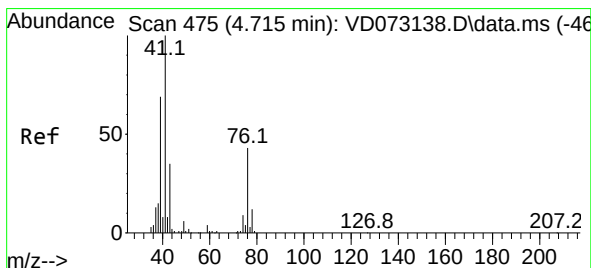
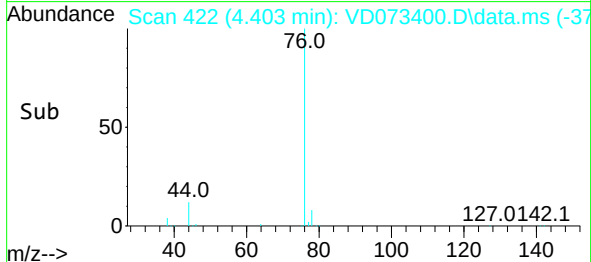
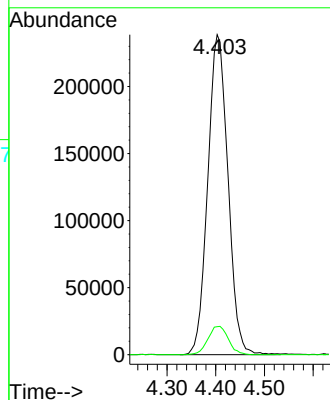
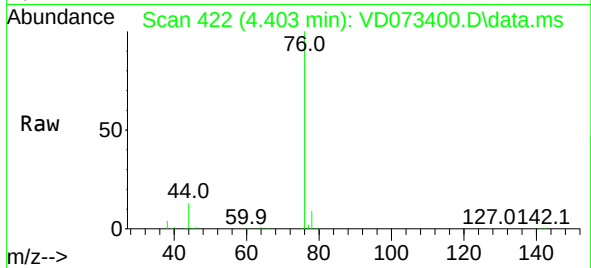




#17
Carbon Disulfide
Concen: 63.983 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

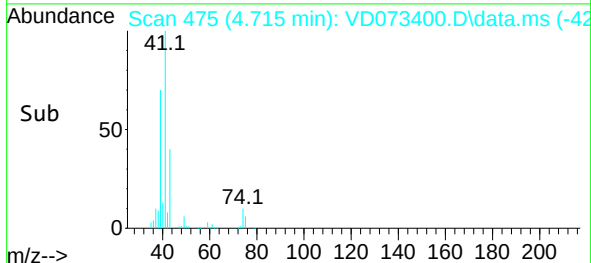
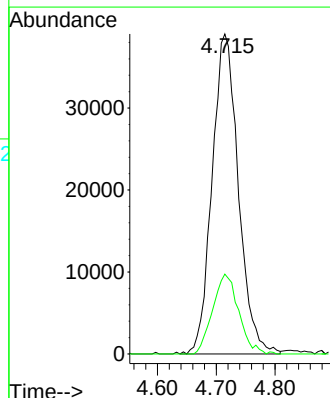
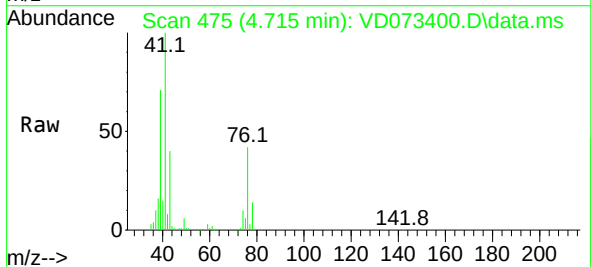
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

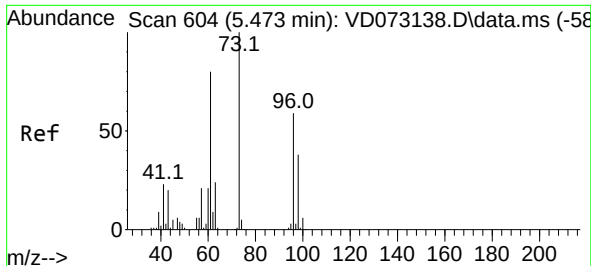
Tgt Ion: 76 Resp: 686397
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 70.707 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion: 43 Resp: 121192
Ion Ratio Lower Upper
43 100
74 24.5 16.7 25.1

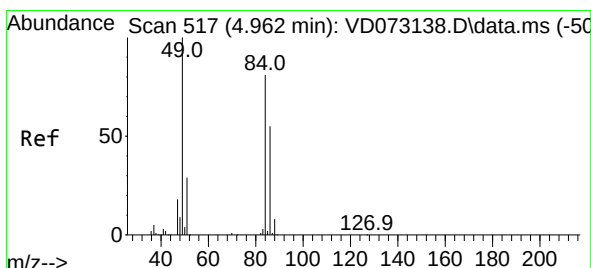
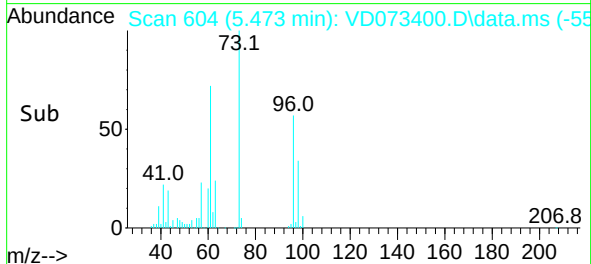
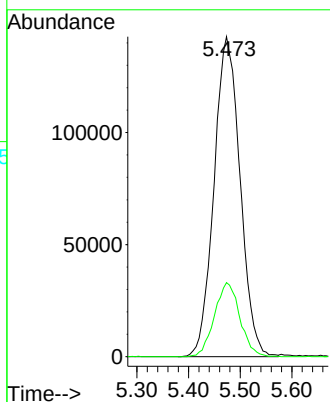
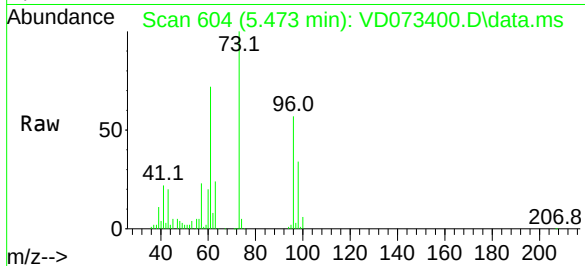




#19
Methyl tert-butyl Ether
Concen: 67.814 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

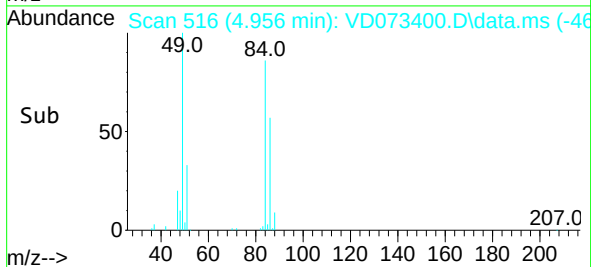
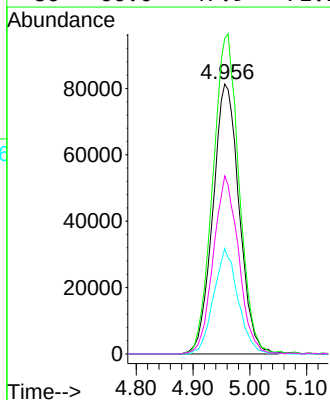
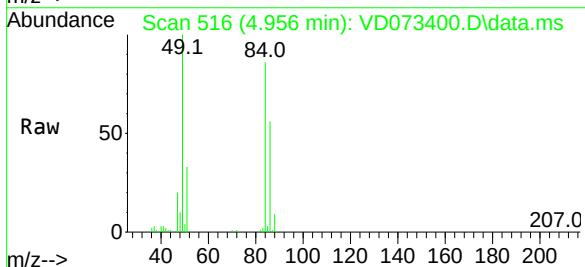
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

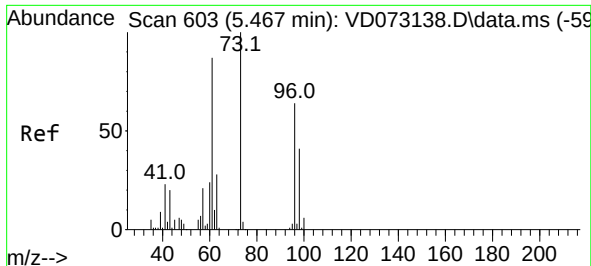
Tgt Ion: 73 Resp: 499944
Ion Ratio Lower Upper
73 100
57 23.2 18.0 27.0



#20
Methylene Chloride
Concen: 68.370 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion: 84 Resp: 261573
Ion Ratio Lower Upper
84 100
49 117.0 112.8 169.2
51 39.0 32.6 48.8
86 66.0 47.9 71.9

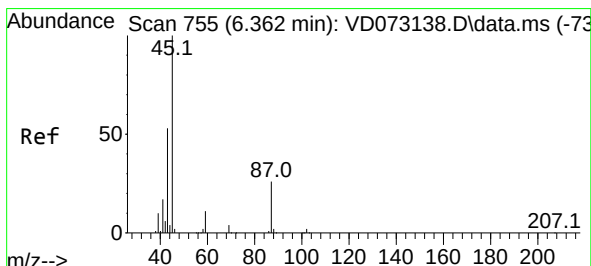
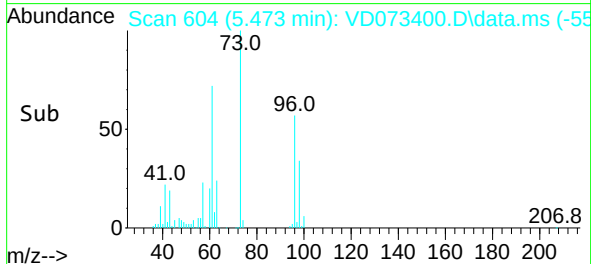
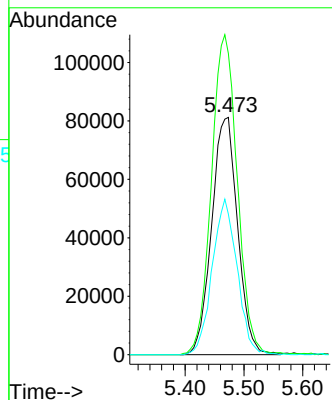
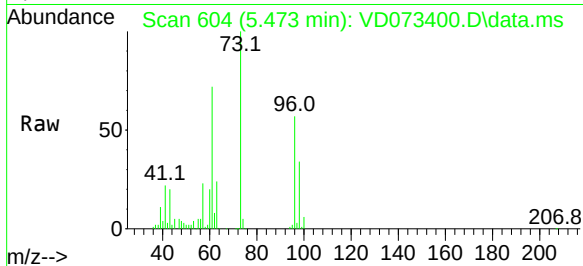




#21
trans-1,2-Dichloroethene
Concen: 63.766 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

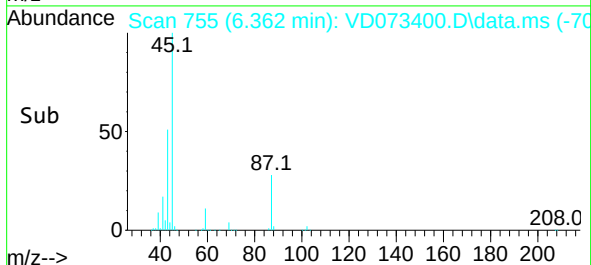
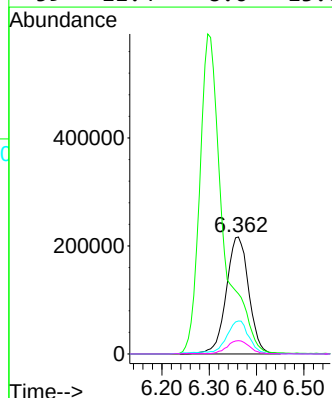
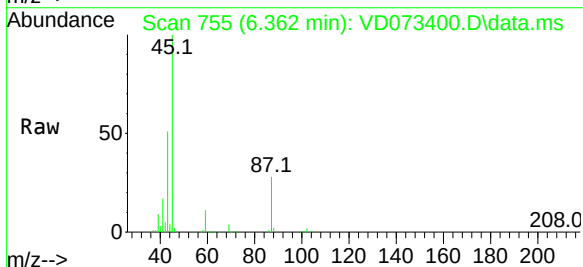
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

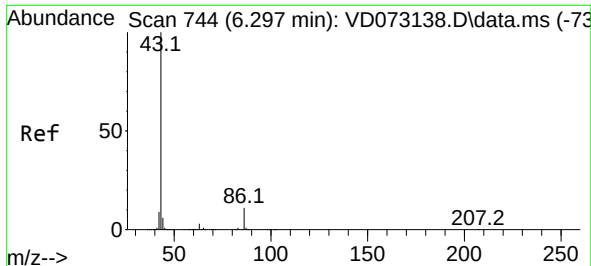
Tgt Ion: 96 Resp: 249497
Ion Ratio Lower Upper
96 100
61 127.0 117.9 176.9
98 59.2 49.4 74.2



#22
Diisopropyl ether
Concen: 65.193 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion: 45 Resp: 713874
Ion Ratio Lower Upper
45 100
43 50.8 46.6 70.0
87 28.0 18.4 27.6#
59 11.4 8.6 13.0

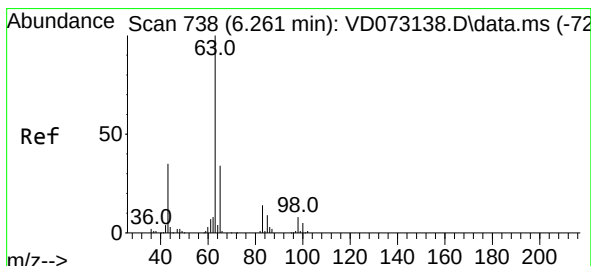
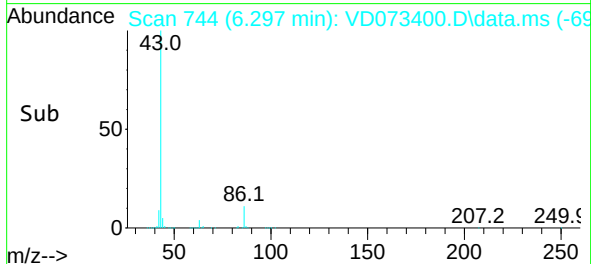
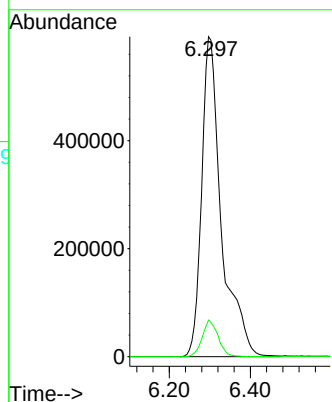
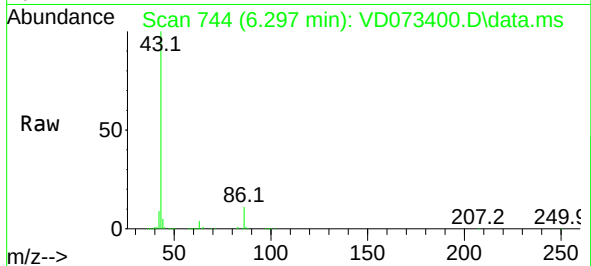




#23
 Vinyl Acetate
 Concen: 342.749 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073400.D
 Acq: 26 May 2022 20:54

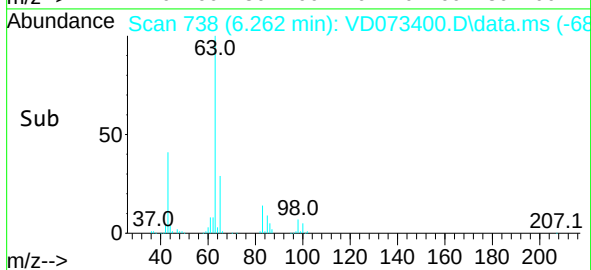
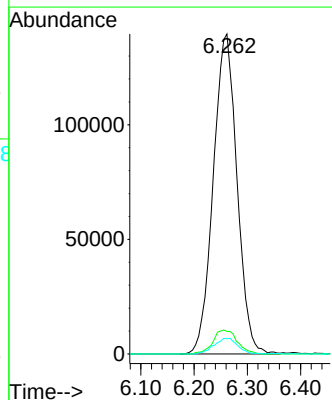
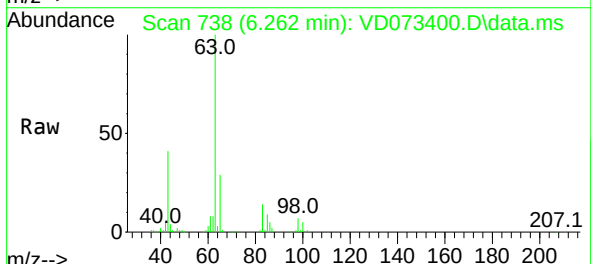
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

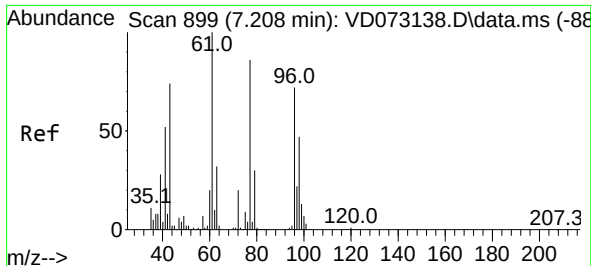
Tgt Ion: 43 Resp: 2001939
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 61.456 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.001 min
 Lab File: VD073400.D
 Acq: 26 May 2022 20:54

Tgt Ion: 63 Resp: 431954
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.7 2.1 6.5

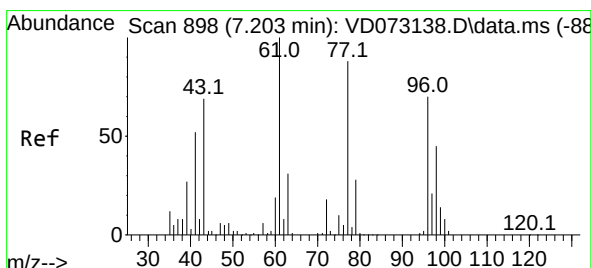
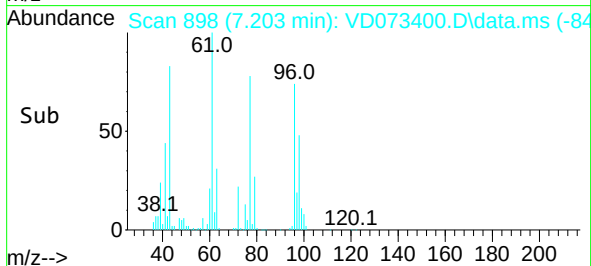
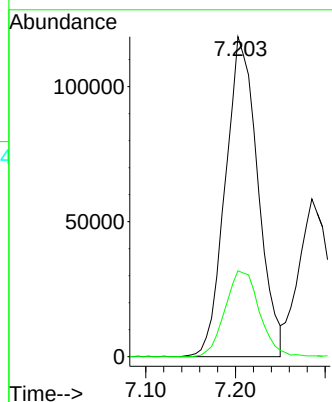
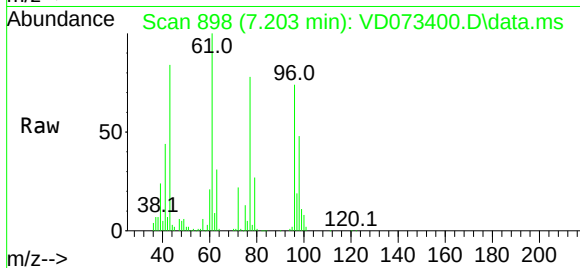




#25
2-Butanone
Concen: 330.634 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

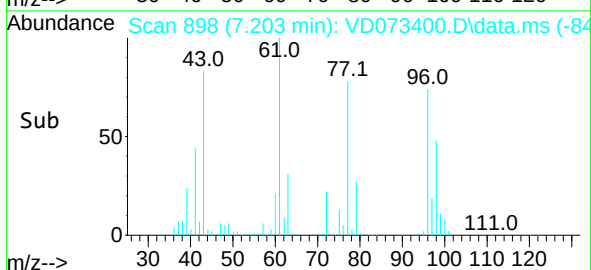
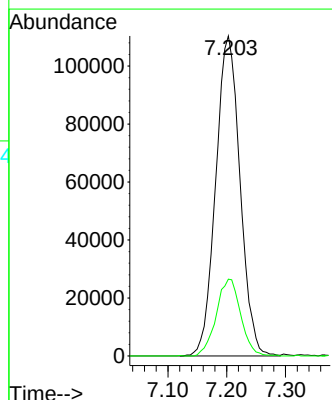
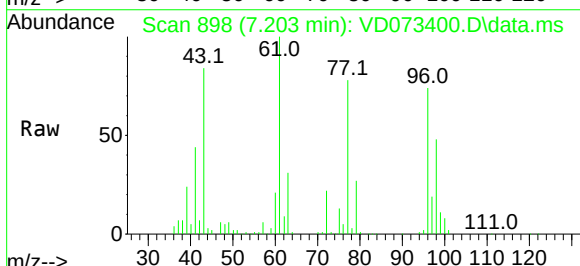
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

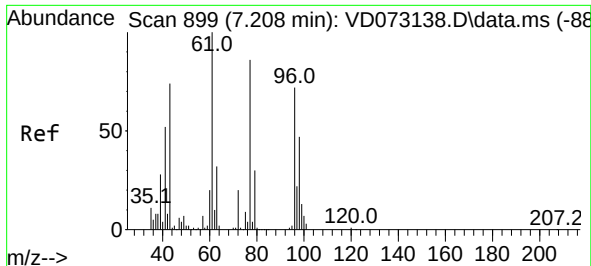
Tgt Ion: 43 Resp: 298168
Ion Ratio Lower Upper
43 100
72 26.8 18.6 27.8



#26
2,2-Dichloropropane
Concen: 52.925 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion: 77 Resp: 317242
Ion Ratio Lower Upper
77 100
97 24.1 10.8 32.4

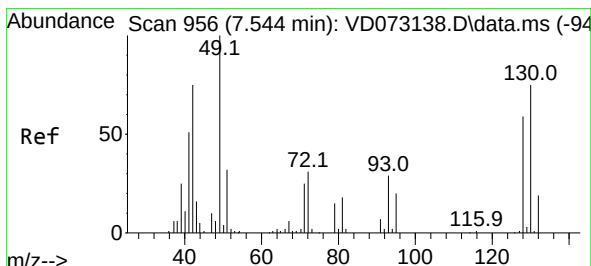
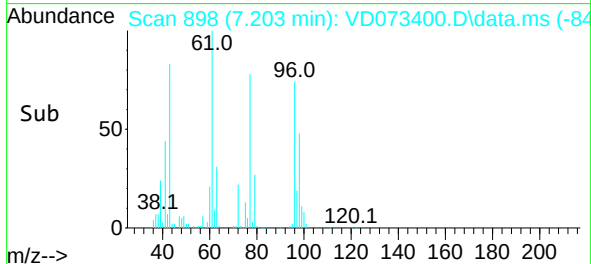
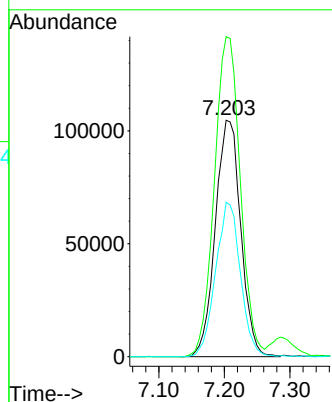
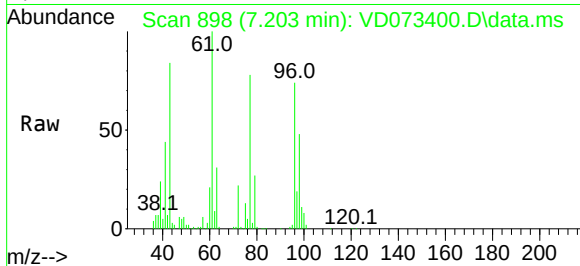




#27
 cis-1,2-Dichloroethene
 Concen: 64.997 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.005 min
 Lab File: VD073400.D
 Acq: 26 May 2022 20:54

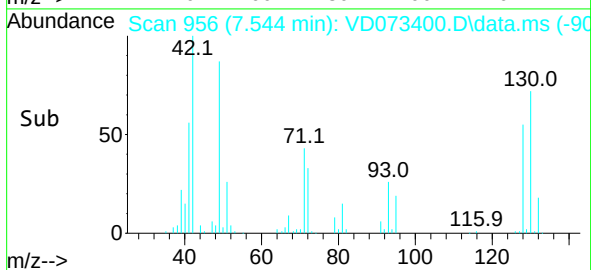
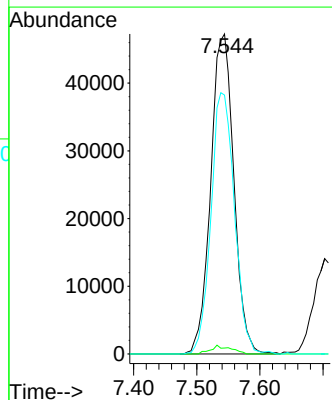
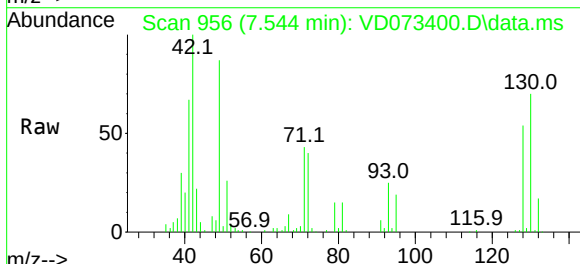
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

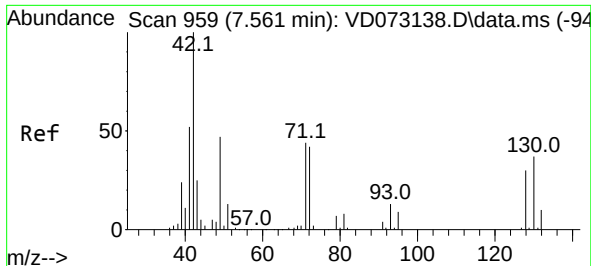
Tgt Ion: 96 Resp: 281401
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 313.8
 98 63.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 49.680 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD073400.D
 Acq: 26 May 2022 20:54

Tgt Ion: 49 Resp: 120299
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.0
 130 82.9 52.6 79.0#





#29

Tetrahydrofuran

Concen: 355.792 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

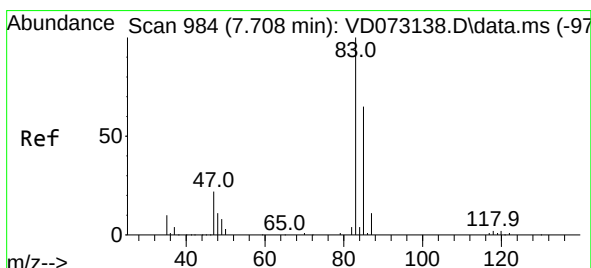
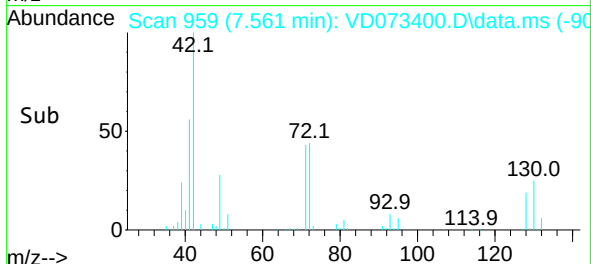
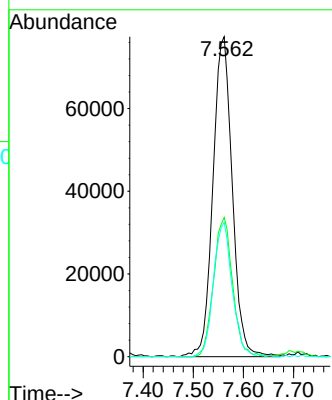
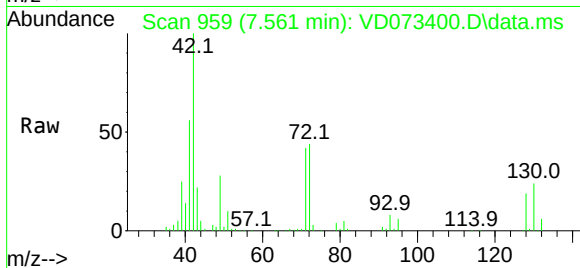
Tgt Ion: 42 Resp: 207471

Ion Ratio Lower Upper

42 100

72 42.7 30.7 46.1

71 40.5 28.6 43.0



#30

Chloroform

Concen: 61.809 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073400.D

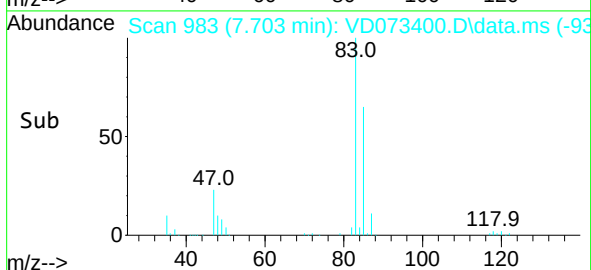
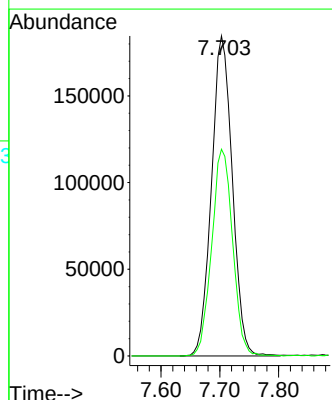
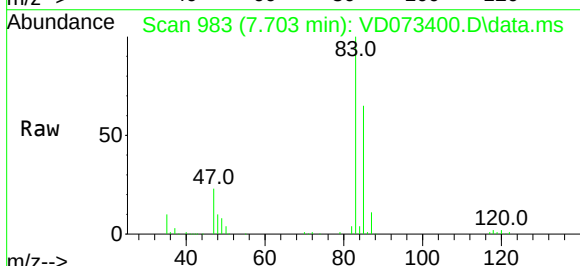
Acq: 26 May 2022 20:54

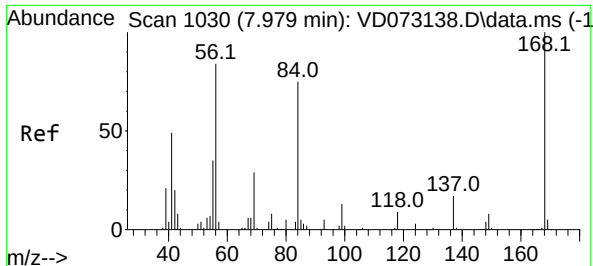
Tgt Ion: 83 Resp: 453553

Ion Ratio Lower Upper

83 100

85 64.6 52.7 79.1





#31

Cyclohexane

Concen: 58.277 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

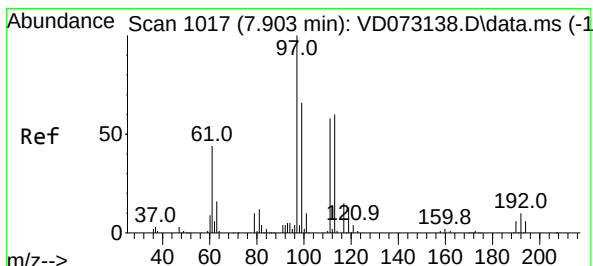
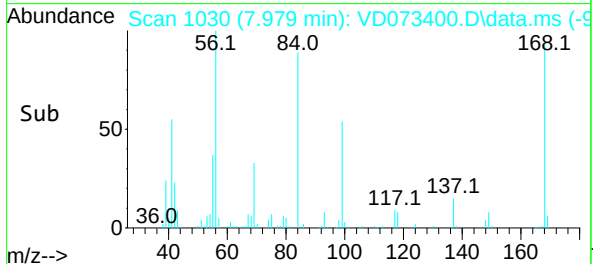
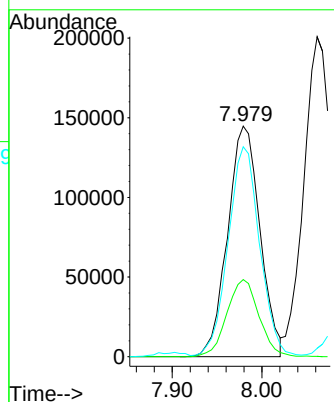
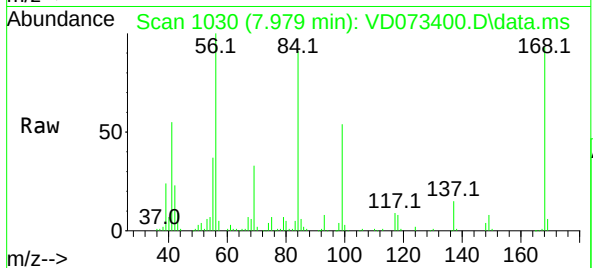
Tgt Ion: 56 Resp: 362412

Ion Ratio Lower Upper

56 100

69 33.4 25.4 38.2

84 89.6 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 59.897 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

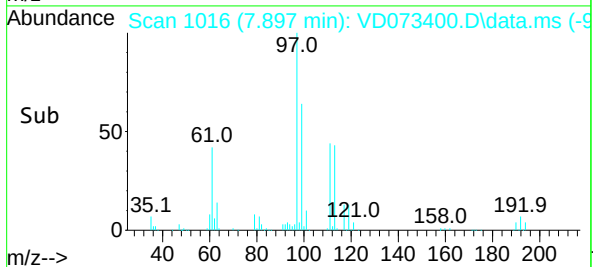
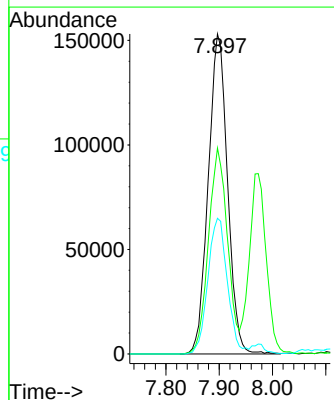
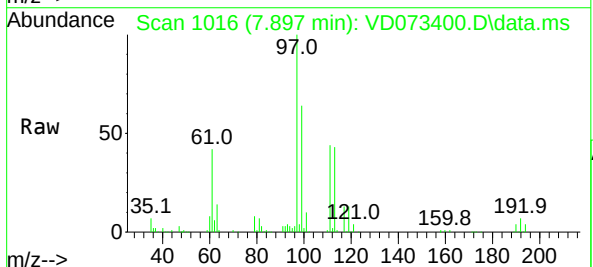
Tgt Ion: 97 Resp: 384411

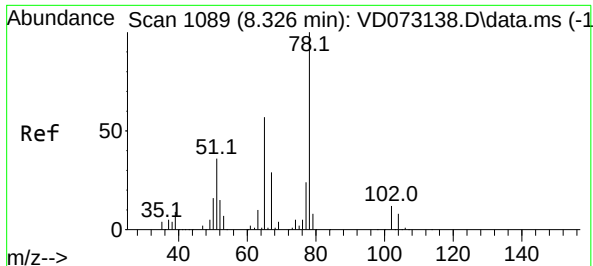
Ion Ratio Lower Upper

97 100

99 63.9 52.4 78.6

61 43.0 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 52.954 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Instrument :

MSVOA_D

ClientSampleId :

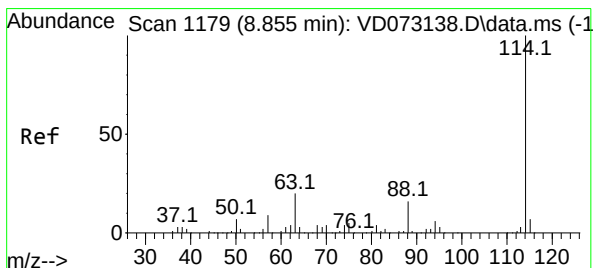
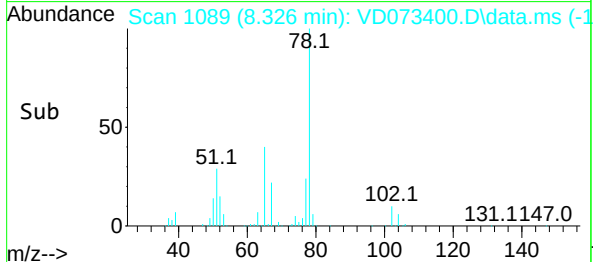
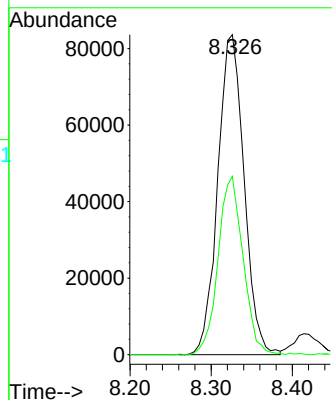
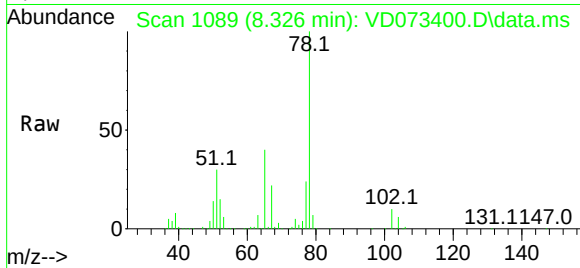
VSTDCCC050EC

Tgt Ion: 65 Resp: 188446

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

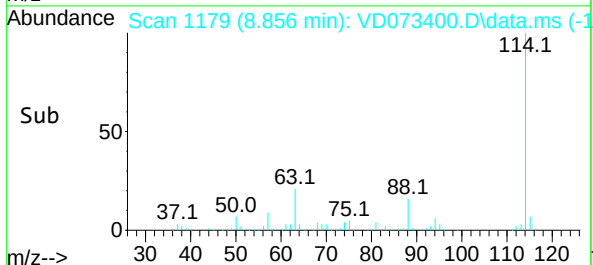
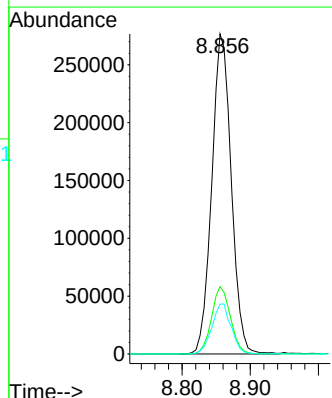
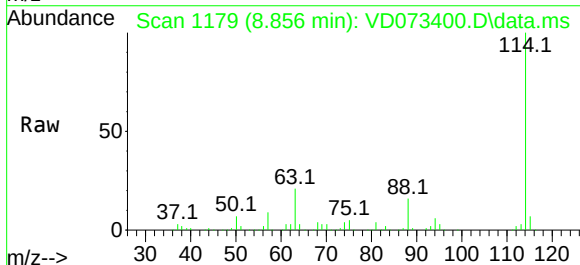
Tgt Ion: 114 Resp: 550376

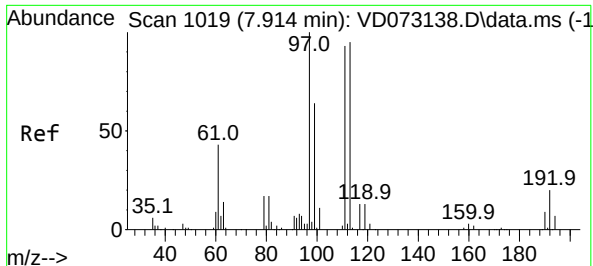
Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.823 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

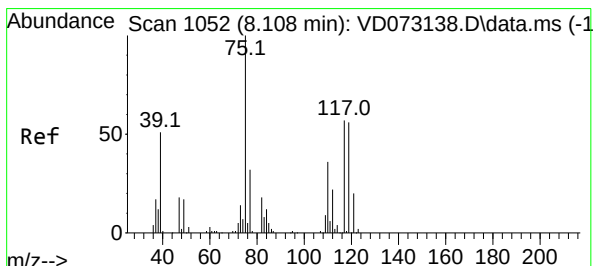
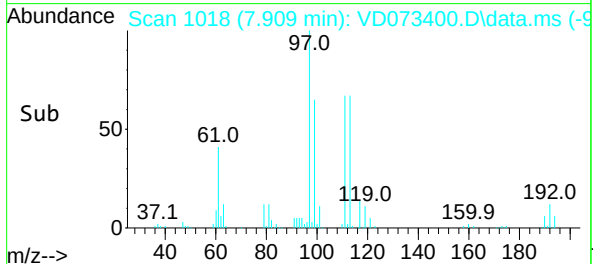
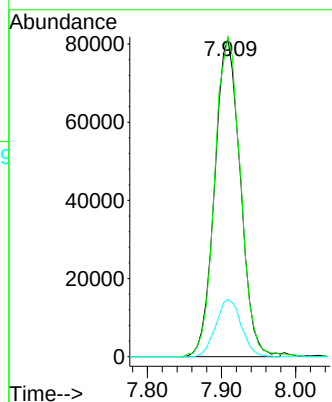
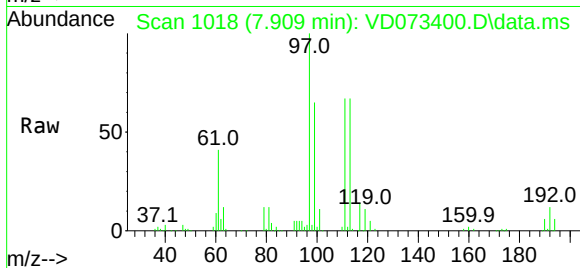
Tgt Ion:113 Resp: 195472

Ion Ratio Lower Upper

113 100

111 101.2 83.8 125.6

192 17.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 60.530 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. 0.001 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

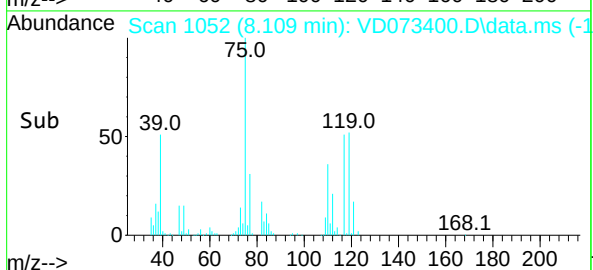
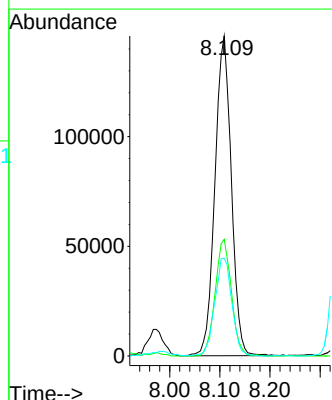
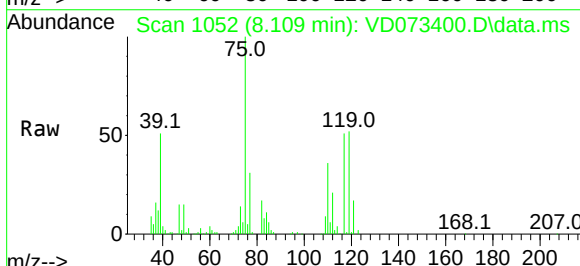
Tgt Ion: 75 Resp: 330622

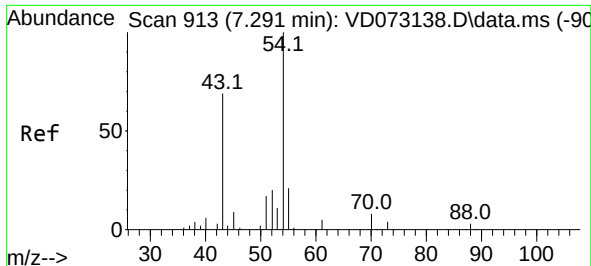
Ion Ratio Lower Upper

75 100

110 36.2 16.4 49.1

77 32.0 24.2 36.2





#37

Ethyl Acetate

Concen: 67.118 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

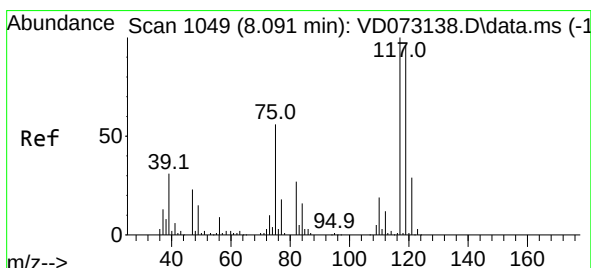
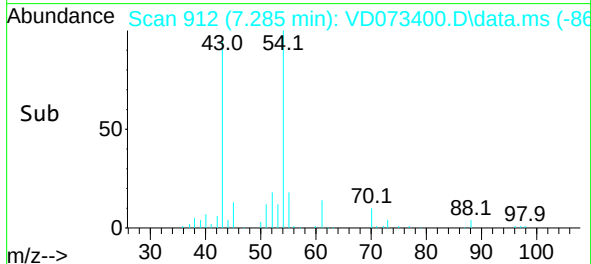
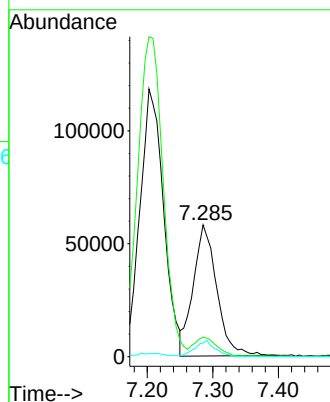
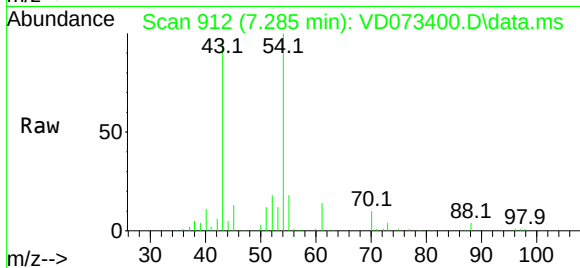
Tgt Ion: 43 Resp: 144806

Ion Ratio Lower Upper

43 100

61 14.6 9.8 14.8

70 10.5 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 59.617 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

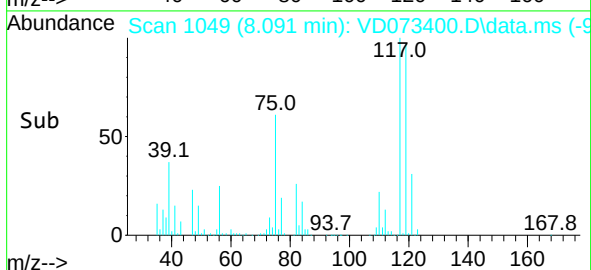
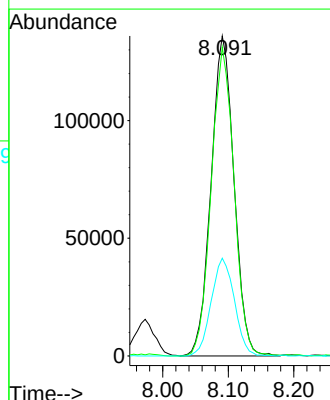
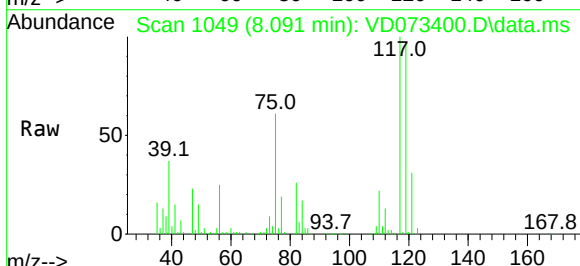
Tgt Ion:117 Resp: 330088

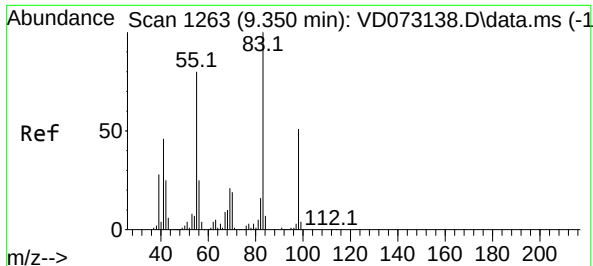
Ion Ratio Lower Upper

117 100

119 96.5 75.8 113.6

121 30.5 24.5 36.7





#39

Methylcyclohexane

Concen: 63.744 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

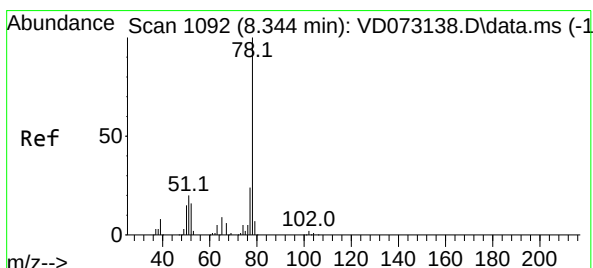
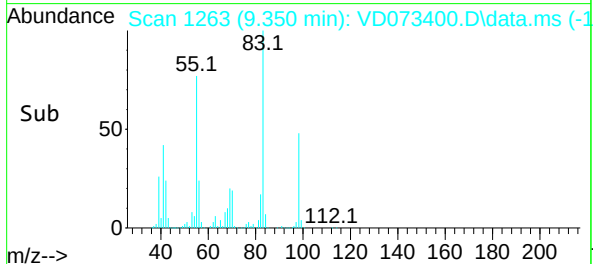
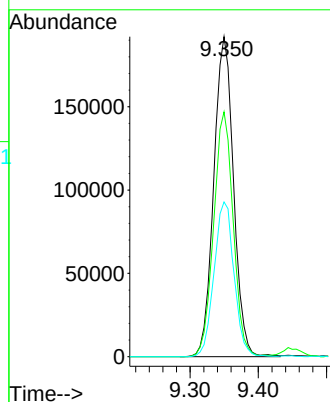
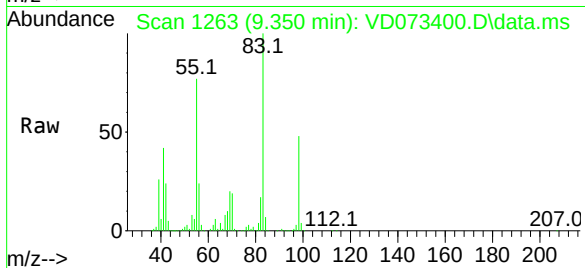
Tgt Ion: 83 Resp: 388026

Ion Ratio Lower Upper

83 100

55 76.5 63.2 94.8

98 48.3 38.2 57.4



#40

Benzene

Concen: 62.545 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073400.D

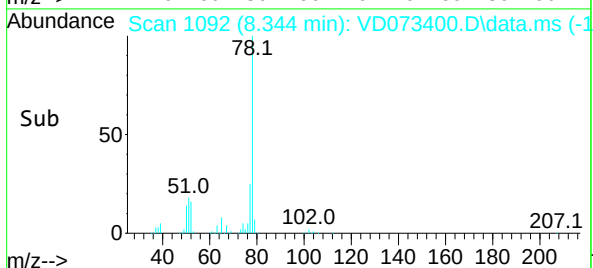
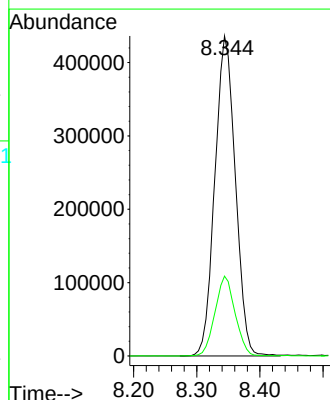
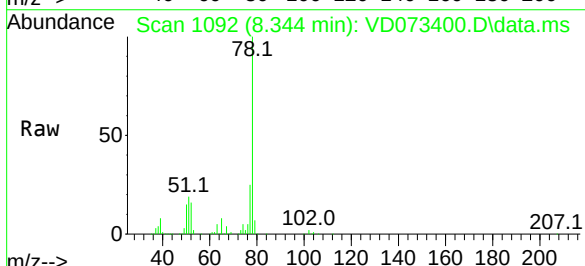
Acq: 26 May 2022 20:54

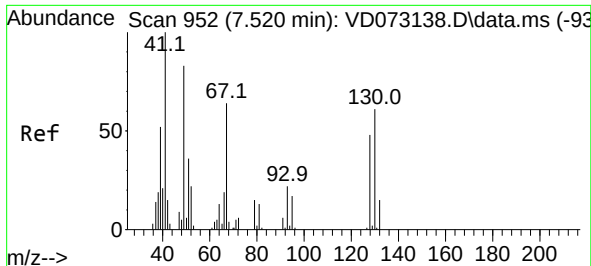
Tgt Ion: 78 Resp: 984571

Ion Ratio Lower Upper

78 100

77 24.9 19.1 28.7

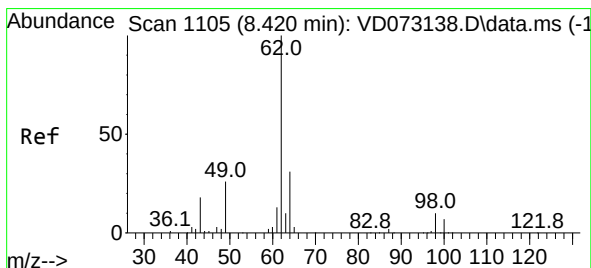
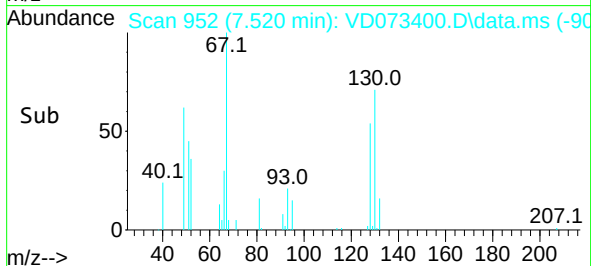
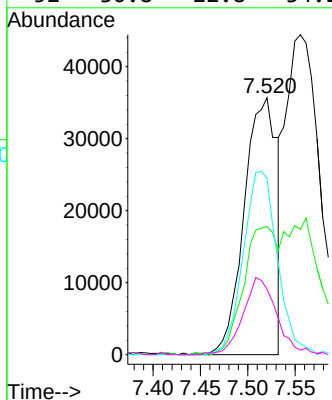
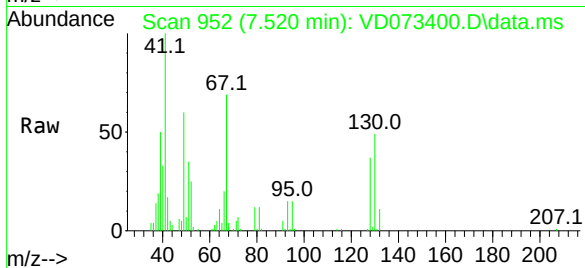




#41
Methacrylonitrile
Concen: 68.157 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

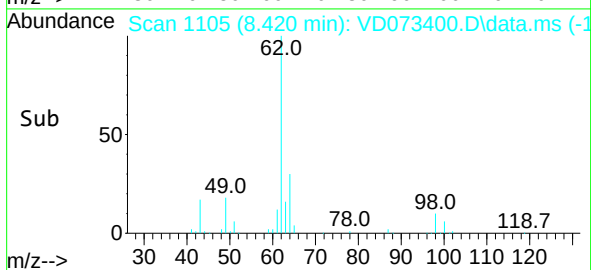
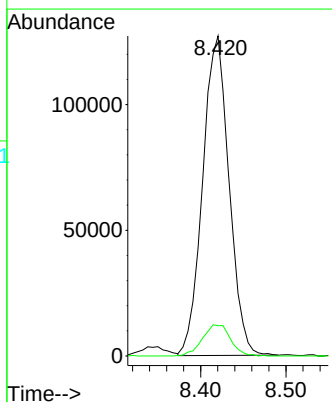
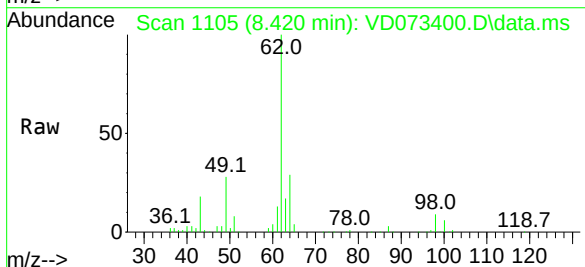
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

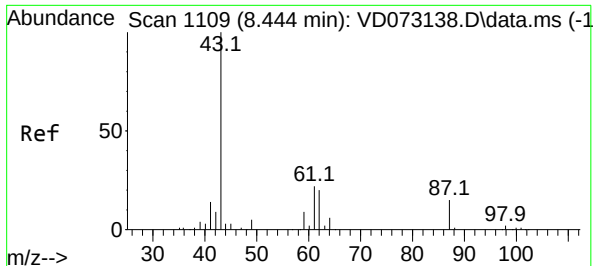
Tgt Ion: 41	Resp: 85674
Ion Ratio	Lower Upper
41 100	
39 51.6	44.6 67.0
67 74.8	48.2 72.4#
52 30.8	22.8 34.2



#42
1,2-Dichloroethane
Concen: 62.396 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion: 62	Resp: 273304
Ion Ratio	Lower Upper
62 100	
98 10.4	0.0 17.6





#43

Isopropyl Acetate

Concen: 68.617 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

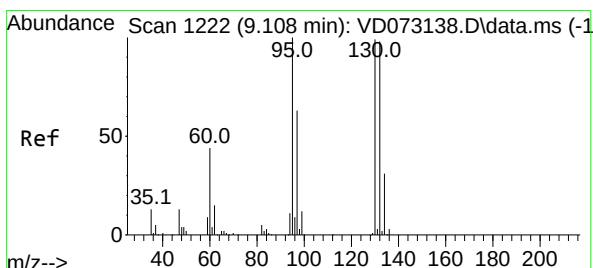
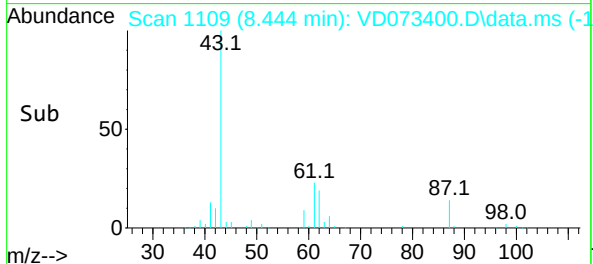
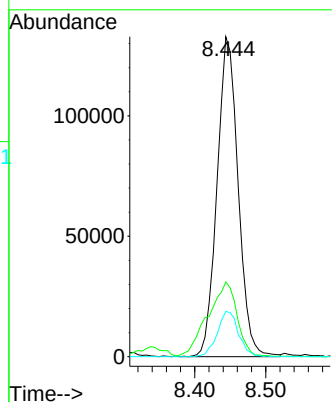
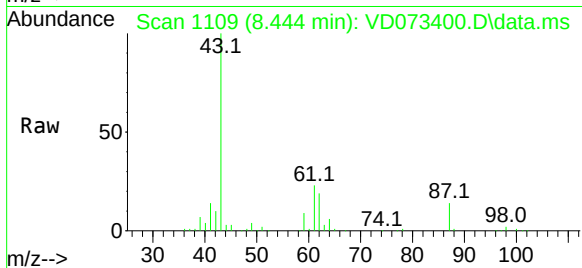
Tgt Ion: 43 Resp: 273635

Ion Ratio Lower Upper

43 100

61 32.1 22.4 33.6

87 14.3 8.7 13.1#



#44

Trichloroethene

Concen: 62.450 ug/l

RT: 9.103 min Scan# 1221

Delta R.T. -0.005 min

Lab File: VD073400.D

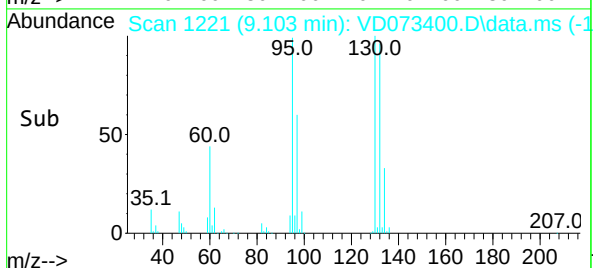
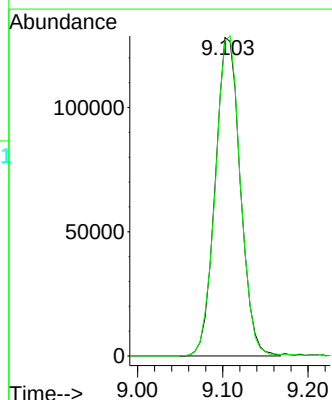
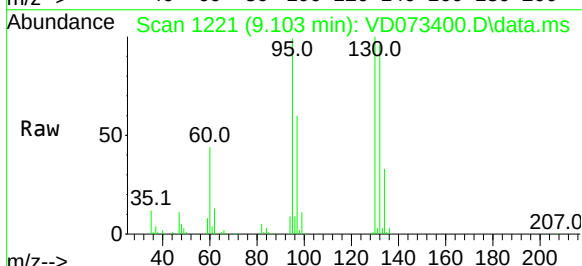
Acq: 26 May 2022 20:54

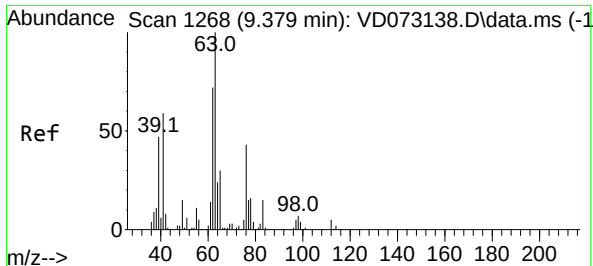
Tgt Ion:130 Resp: 262151

Ion Ratio Lower Upper

130 100

95 98.9 0.0 205.4





#45

1,2-Dichloropropane

Concen: 62.082 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Instrument :

MSVOA_D

ClientSampleId :

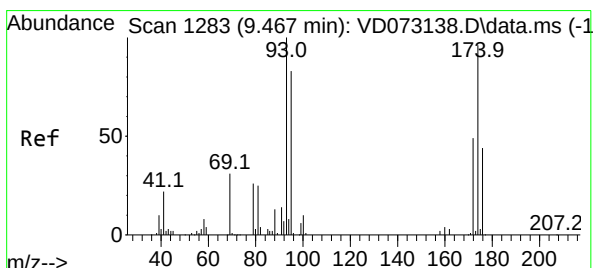
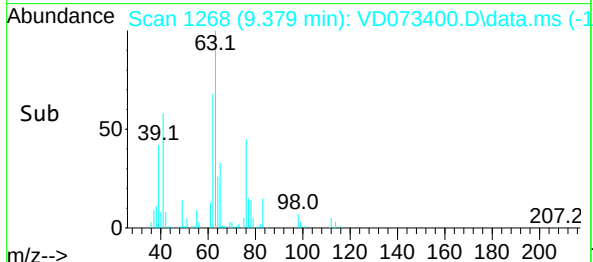
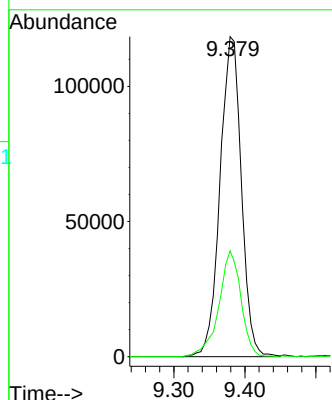
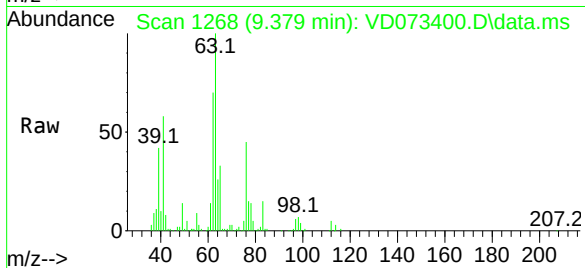
VSTDCCC050EC

Tgt Ion: 63 Resp: 246115

Ion Ratio Lower Upper

63 100

65 33.1 26.2 39.4



#46

Dibromomethane

Concen: 63.555 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

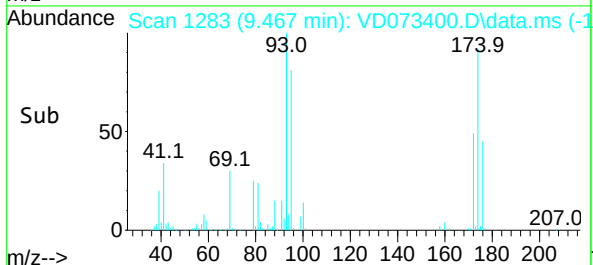
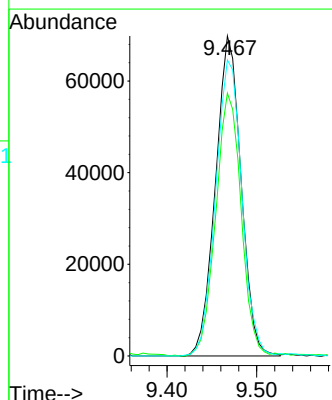
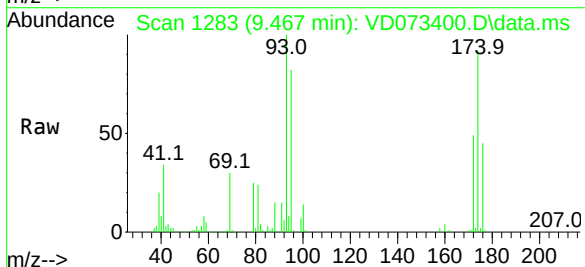
Tgt Ion: 93 Resp: 138380

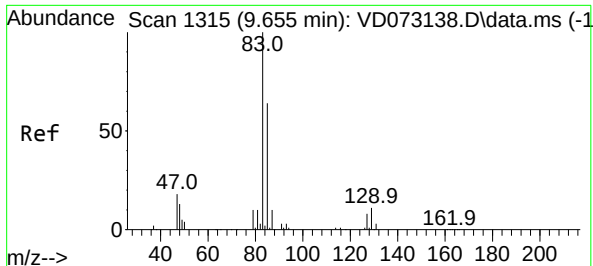
Ion Ratio Lower Upper

93 100

95 81.8 66.7 100.1

174 95.4 71.6 107.4

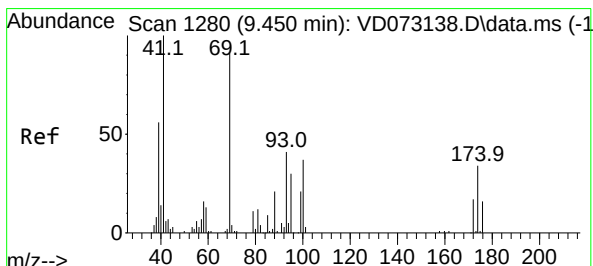
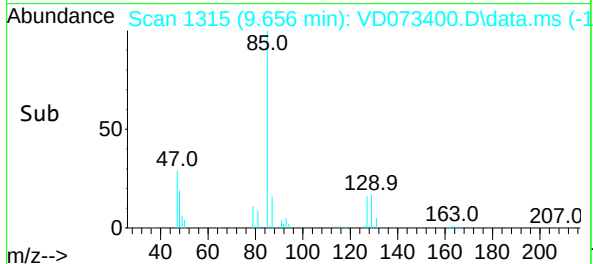
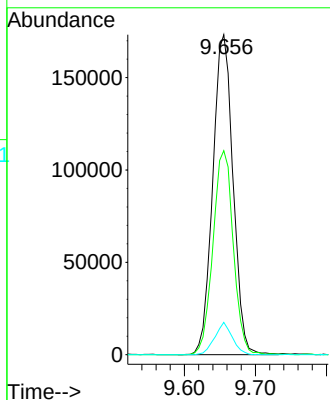
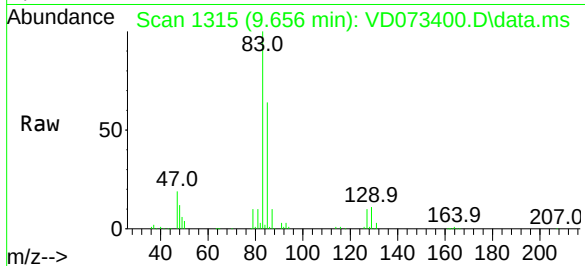




#47
Bromodichloromethane
Concen: 61.537 ug/l
RT: 9.656 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

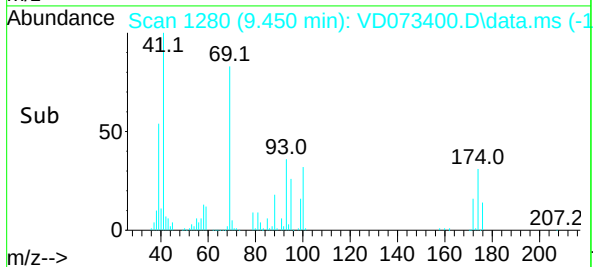
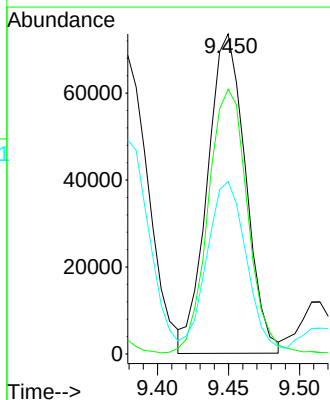
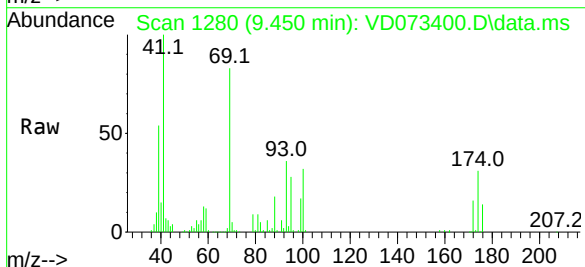
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

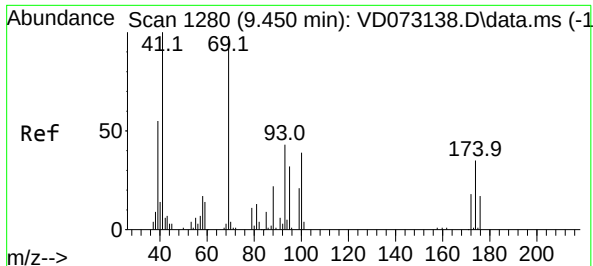
Tgt Ion: 83 Resp: 342830
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.0
127 10.1 6.1 9.1#



#48
Methyl methacrylate
Concen: 68.418 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion: 41 Resp: 137269
Ion Ratio Lower Upper
41 100
69 86.5 56.7 85.1#
39 52.4 42.7 64.1





#49

1,4-Dioxane

Concen: 1418.714 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

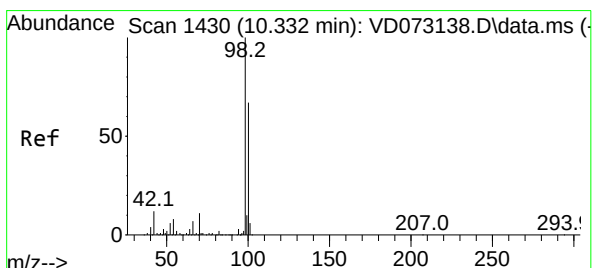
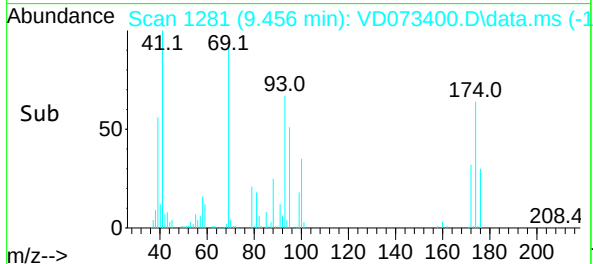
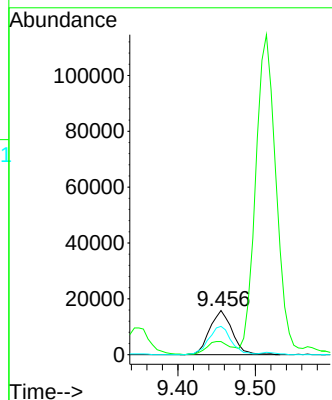
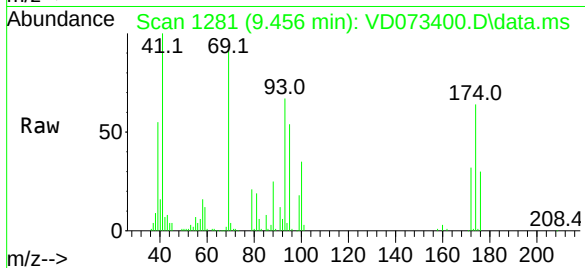
Tgt Ion: 88 Resp: 31900

Ion Ratio Lower Upper

88 100

43 31.4 31.0 46.4

58 63.8 58.1 87.1



#50

Toluene-d8

Concen: 53.049 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073400.D

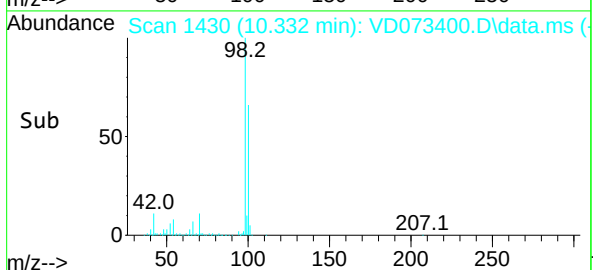
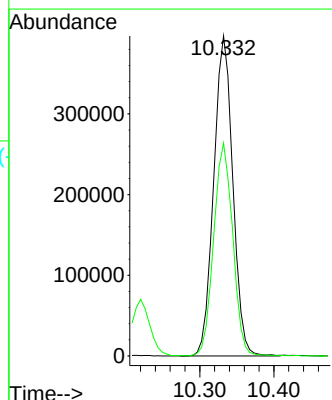
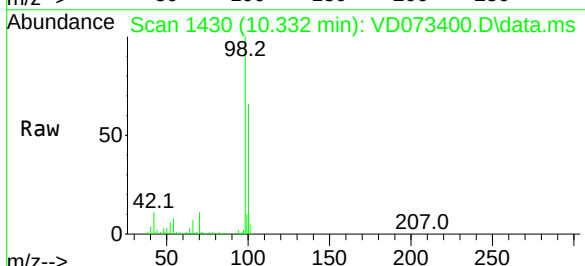
Acq: 26 May 2022 20:54

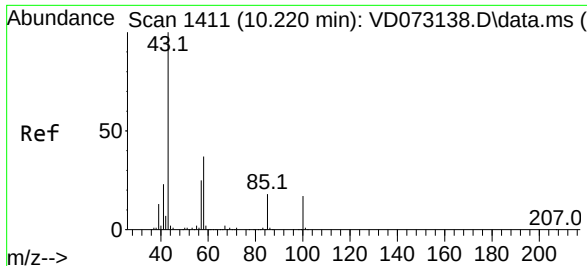
Tgt Ion: 98 Resp: 710194

Ion Ratio Lower Upper

98 100

100 66.5 52.4 78.6

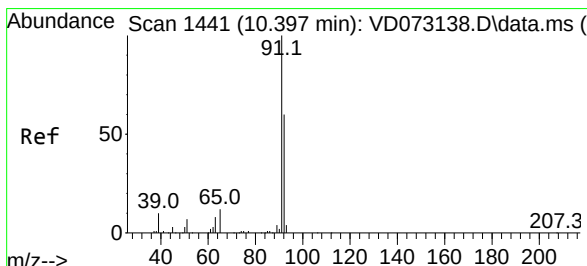
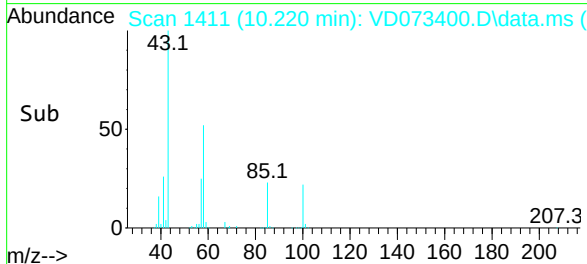
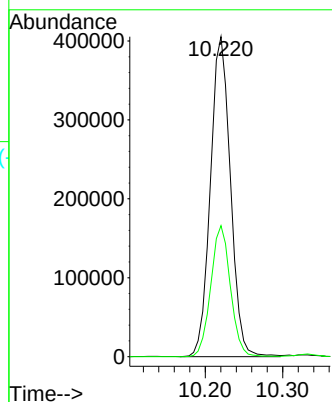
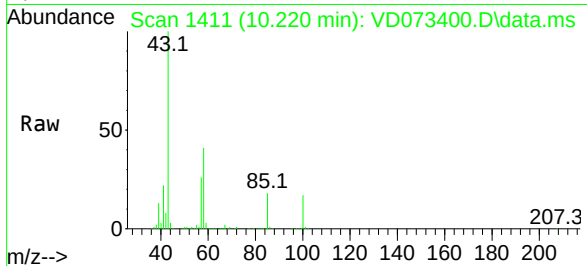




#51
4-Methyl-2-Pentanone
Concen: 353.210 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

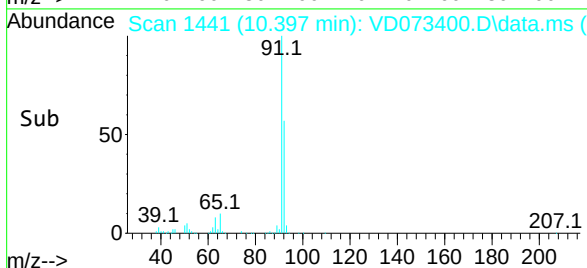
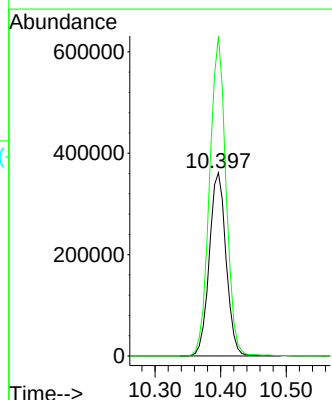
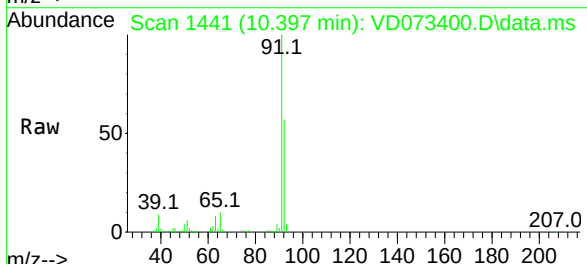
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

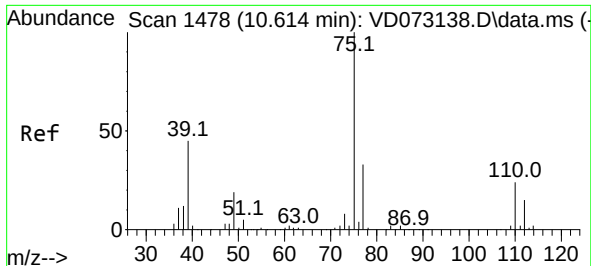
Tgt Ion: 43 Resp: 731570
Ion Ratio Lower Upper
43 100
58 40.0 28.6 43.0



#52
Toluene
Concen: 64.539 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion: 92 Resp: 642002
Ion Ratio Lower Upper
92 100
91 170.8 139.6 209.4

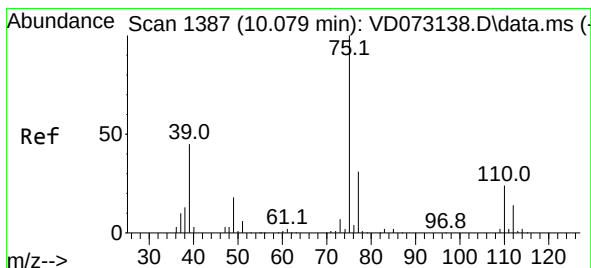
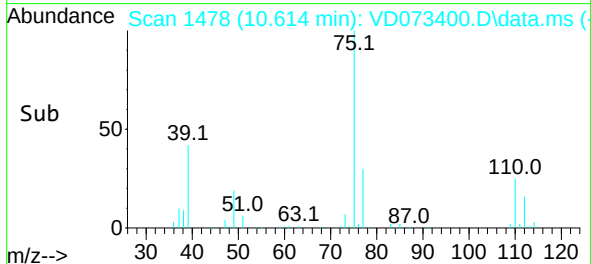
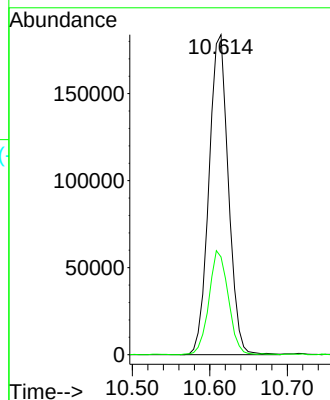
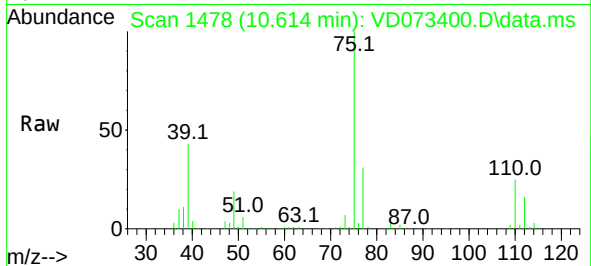




#53
t-1,3-Dichloropropene
Concen: 63.565 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

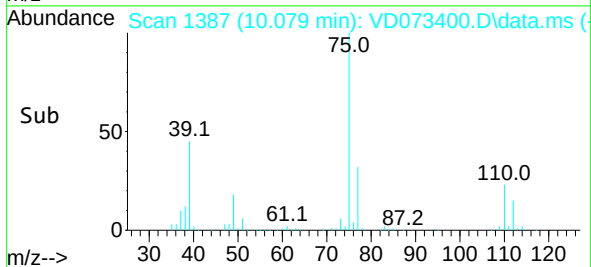
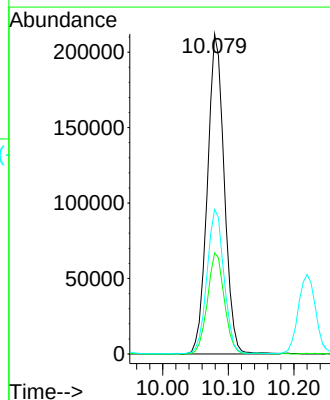
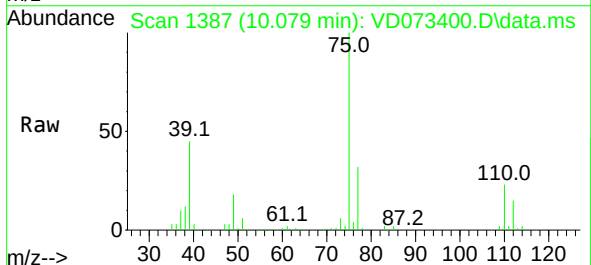
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

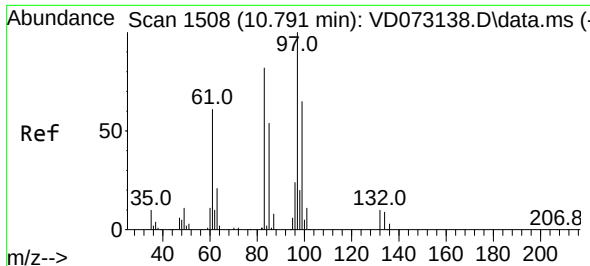
Tgt Ion: 75 Resp: 319923
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 62.948 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion: 75 Resp: 379133
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 45.0 46.8 70.2#

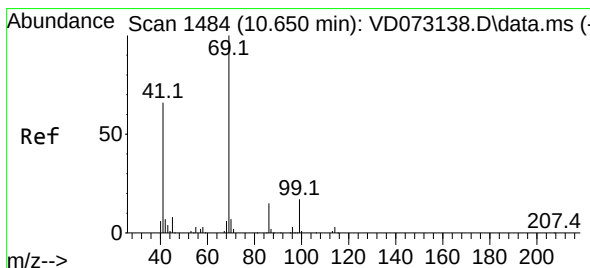
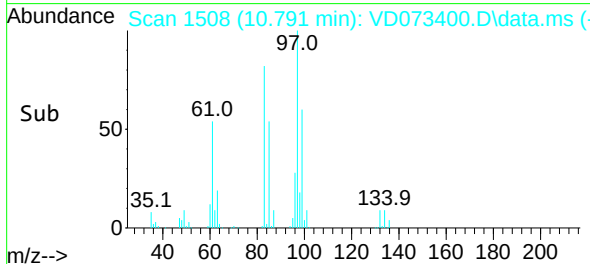
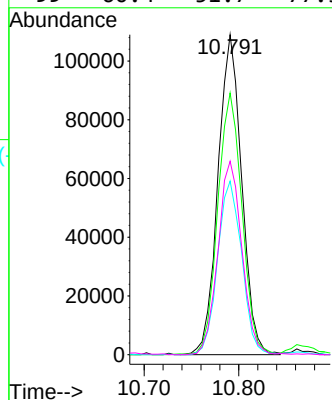
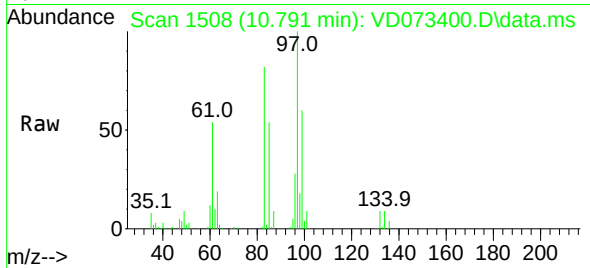




#55
1,1,2-Trichloroethane
Concen: 64.413 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

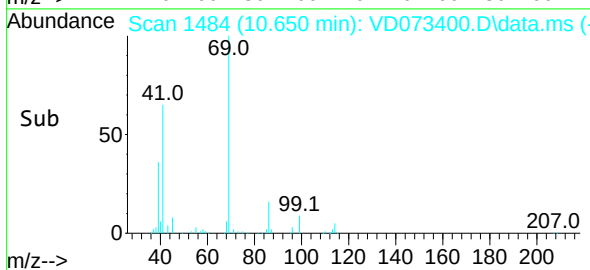
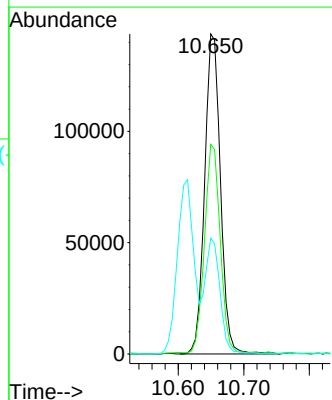
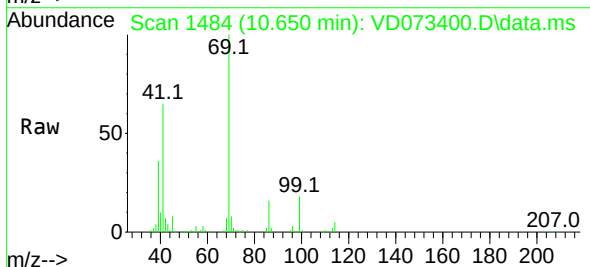
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

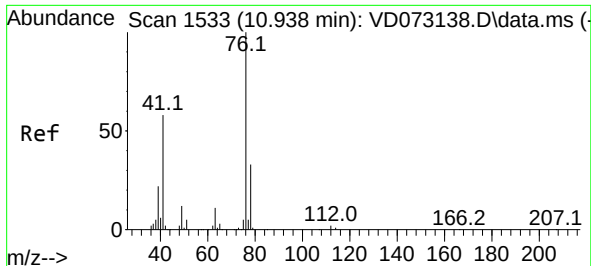
Tgt Ion:	97	Resp:	189651
Ion	Ratio	Lower	Upper
97	100		
83	81.6	69.0	103.4
85	54.3	42.6	63.8
99	60.4	51.7	77.5



#56
Ethyl methacrylate
Concen: 73.801 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion:	69	Resp:	241593
Ion	Ratio	Lower	Upper
69	100		
41	65.2	63.0	94.6
39	34.8	33.8	50.8





#57

1,3-Dichloropropane

Concen: 65.453 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Instrument :

MSVOA_D

ClientSampleId :

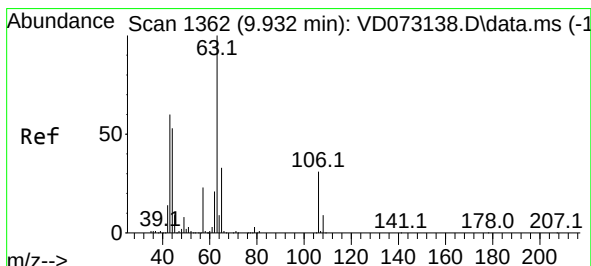
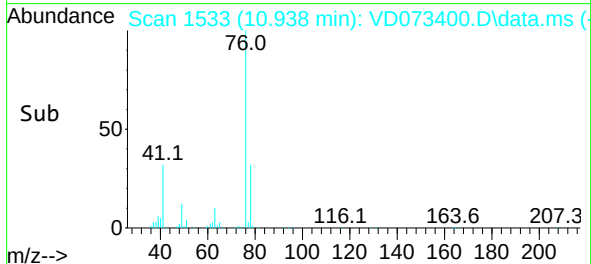
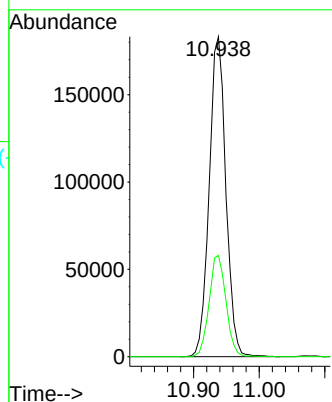
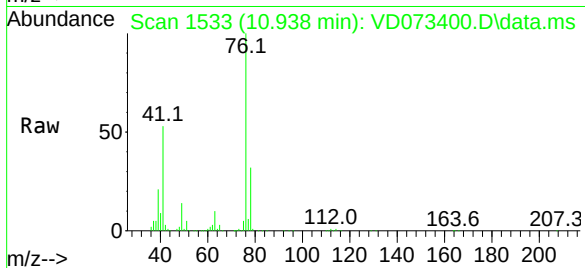
VSTDCCC050EC

Tgt Ion: 76 Resp: 323358

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 285.424 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073400.D

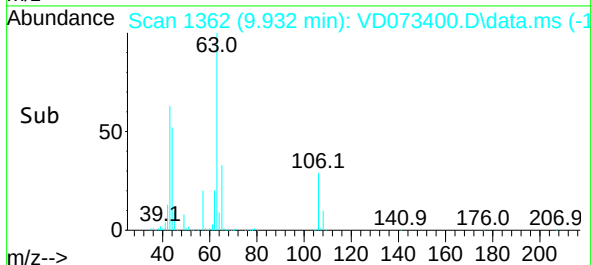
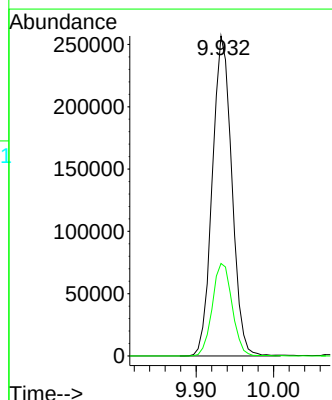
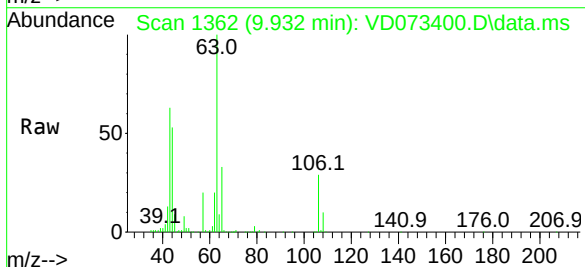
Acq: 26 May 2022 20:54

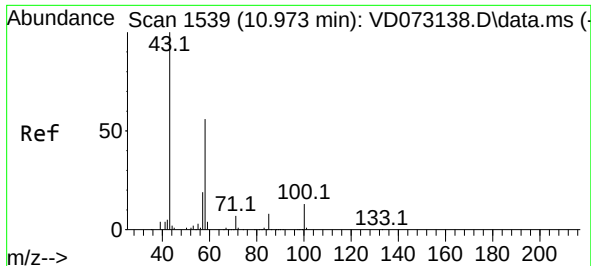
Tgt Ion: 63 Resp: 449135

Ion Ratio Lower Upper

63 100

106 29.3 21.4 32.0

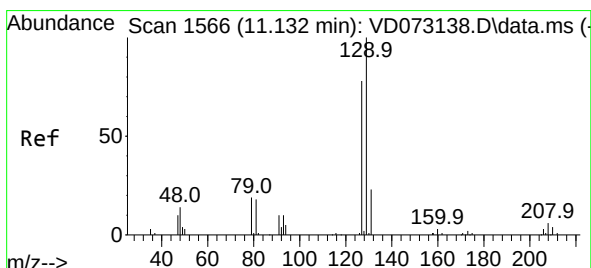
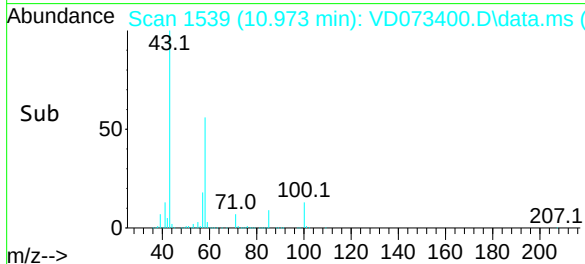
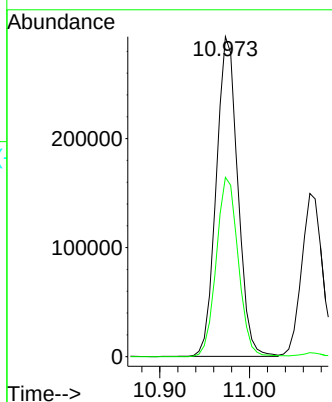
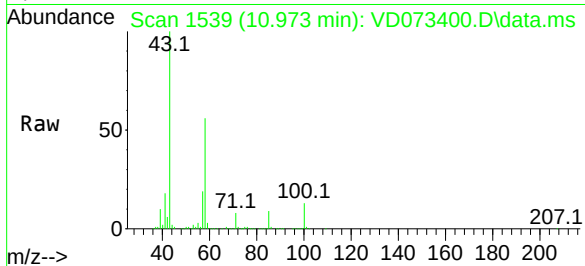




#59
2-Hexanone
Concen: 357.987 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

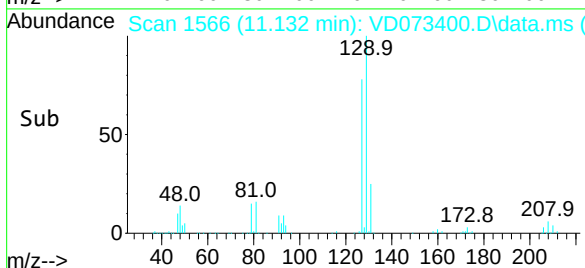
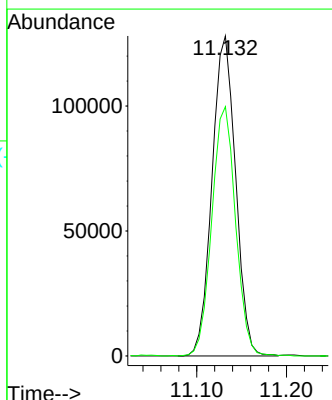
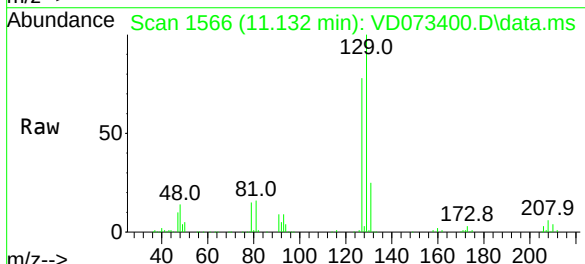
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

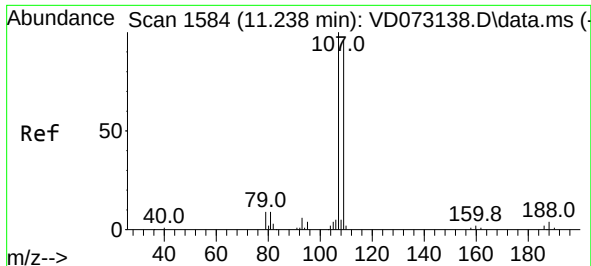
Tgt Ion: 43 Resp: 488836
Ion Ratio Lower Upper
43 100
58 57.3 25.3 75.9



#60
Dibromochloromethane
Concen: 63.607 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion: 129 Resp: 233522
Ion Ratio Lower Upper
129 100
127 78.6 39.2 117.6

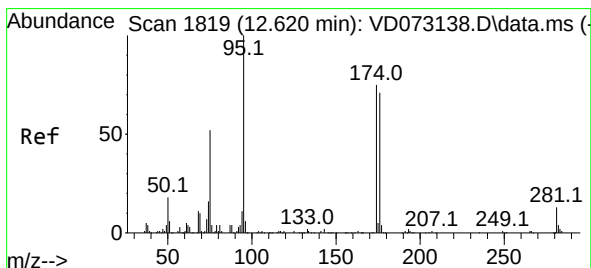
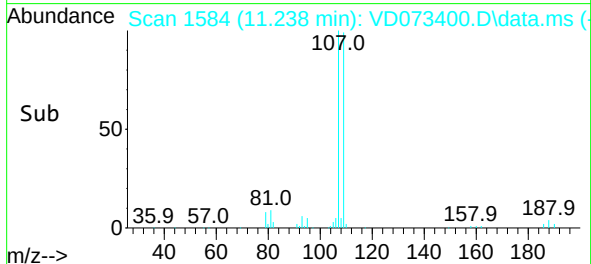
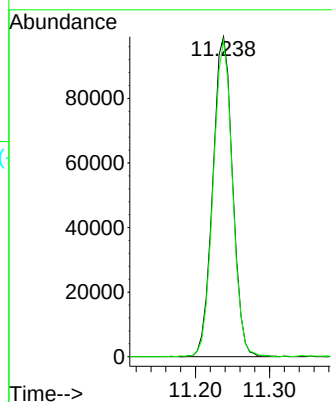
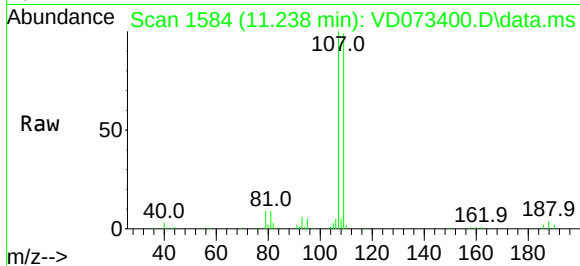




#61
1,2-Dibromoethane
Concen: 65.323 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

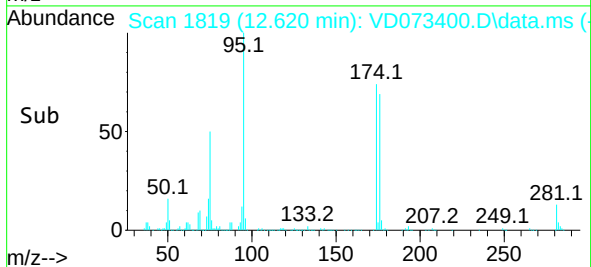
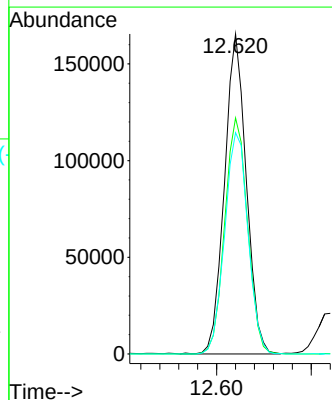
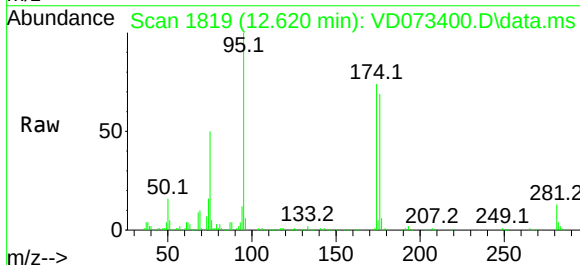
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

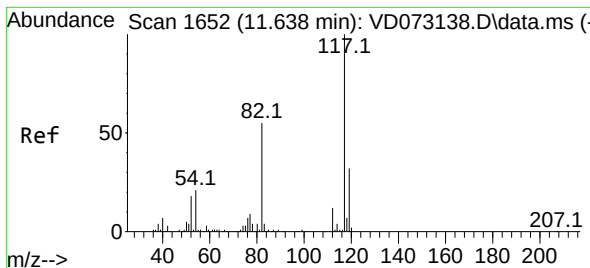
Tgt Ion:107 Resp: 183786
Ion Ratio Lower Upper
107 100
109 96.7 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 56.351 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion: 95 Resp: 264752
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 73.9 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

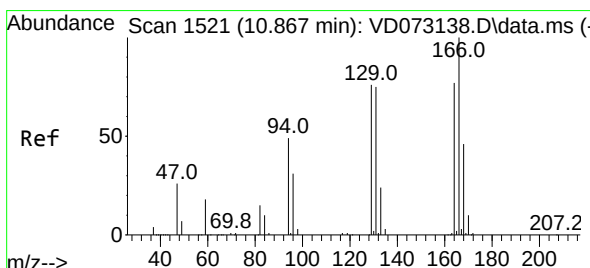
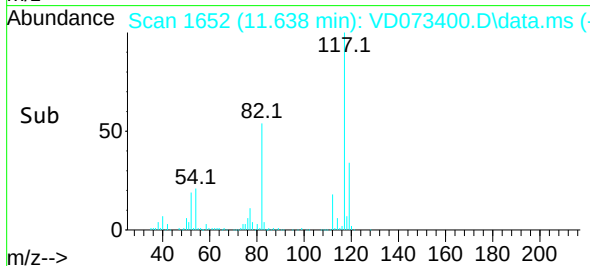
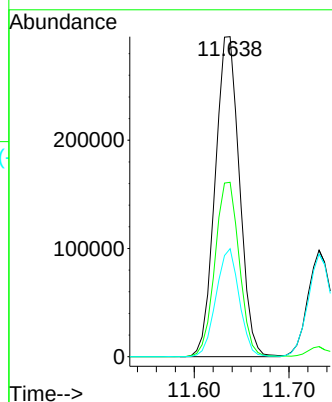
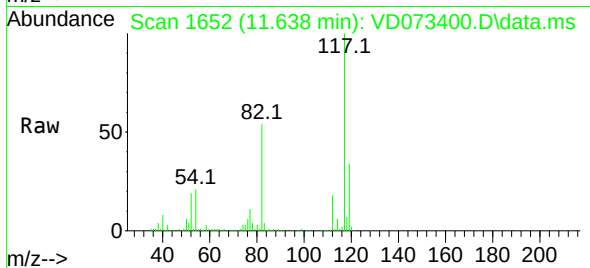
Tgt Ion:117 Resp: 528008

Ion Ratio Lower Upper

117 100

82 54.4 45.3 67.9

119 33.8 26.6 40.0



#64

Tetrachloroethene

Concen: 61.254 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Tgt Ion:164 Resp: 211837

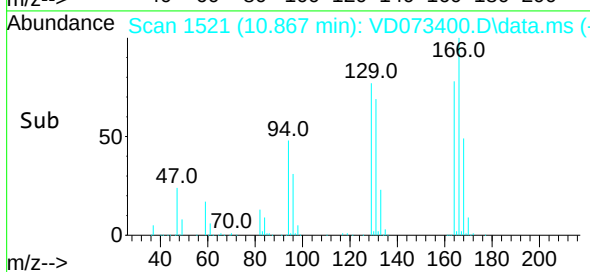
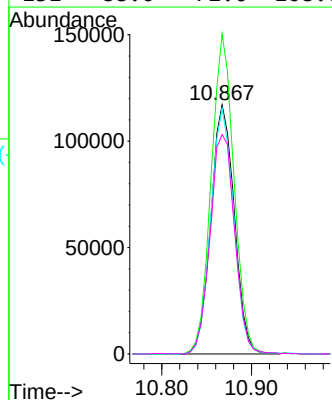
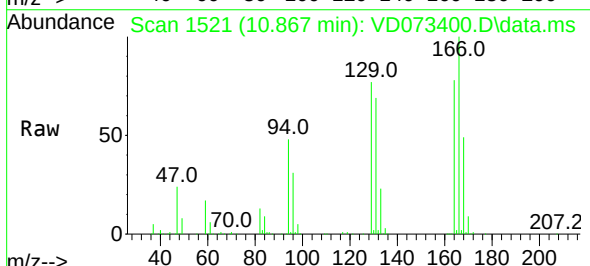
Ion Ratio Lower Upper

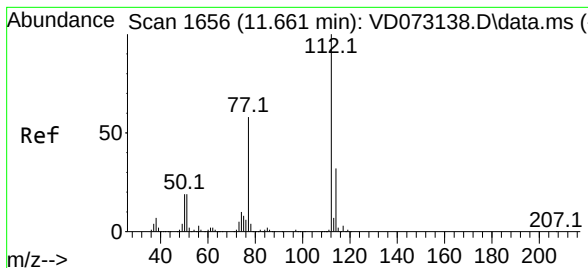
164 100

166 128.5 98.5 147.7

129 98.6 74.6 111.8

131 88.0 72.0 108.0

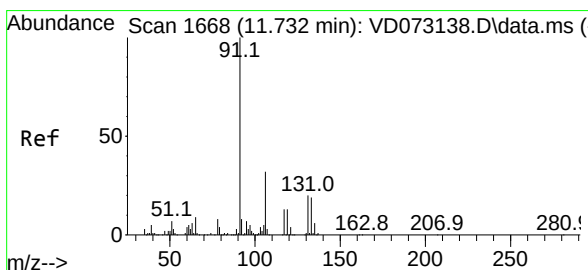
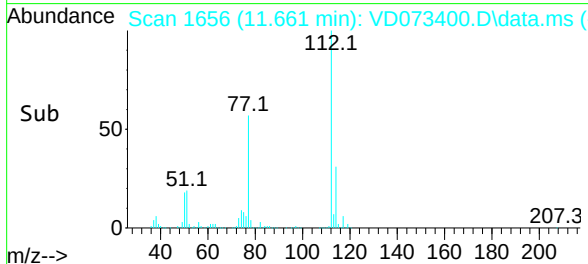
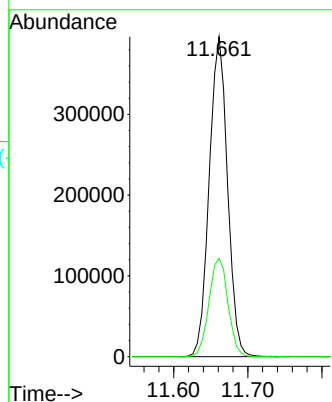
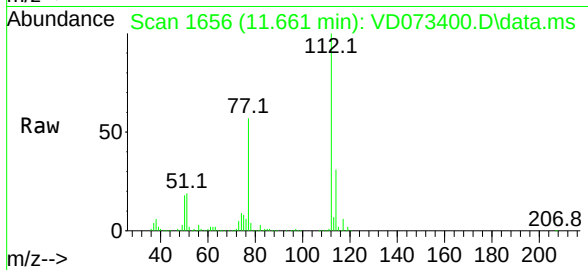




#65
Chlorobenzene
Concen: 62.641 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

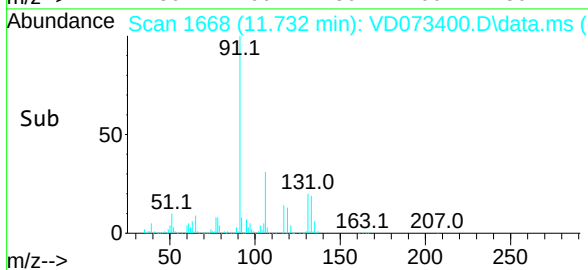
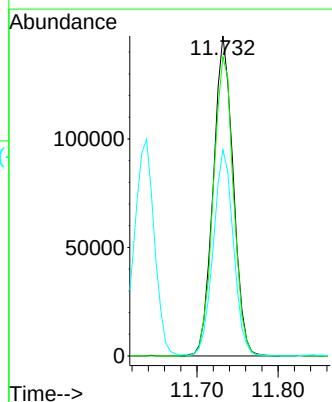
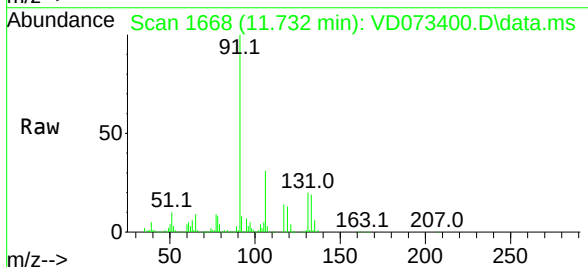
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

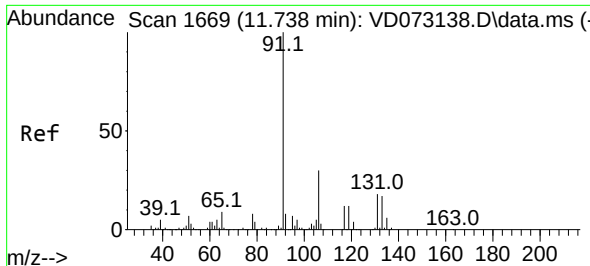
Tgt Ion:112 Resp: 678523
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 62.793 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion:131 Resp: 252254
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.3
119 64.8 31.9 95.9

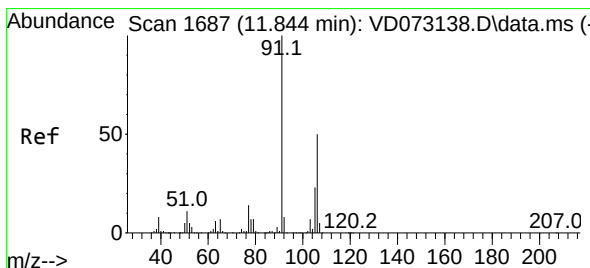
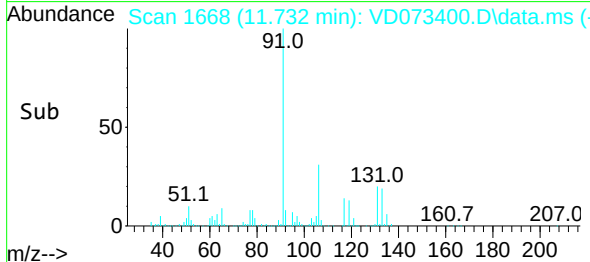
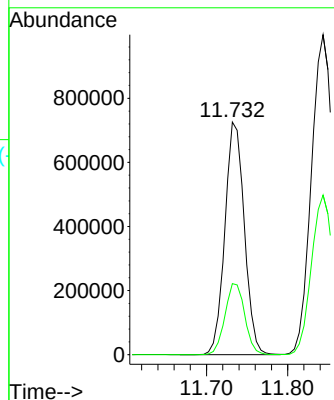
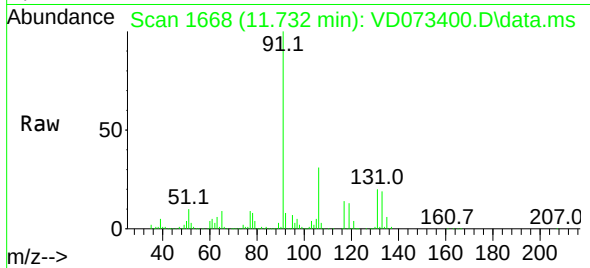




#67
Ethyl Benzene
Concen: 63.678 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

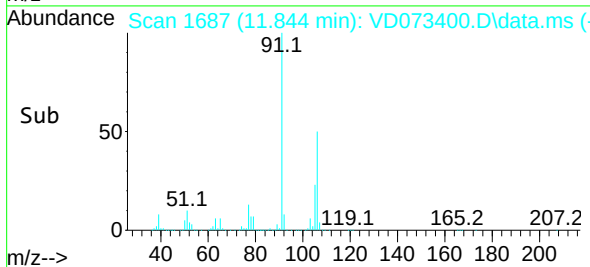
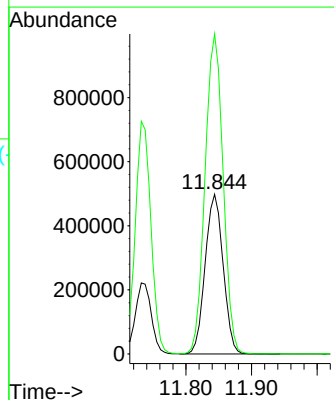
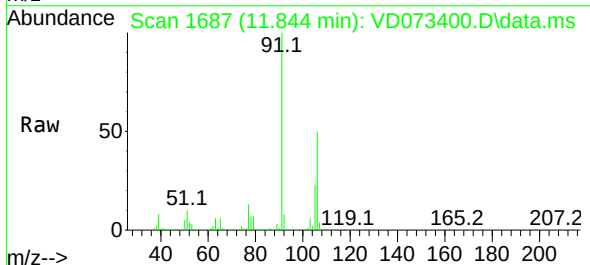
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

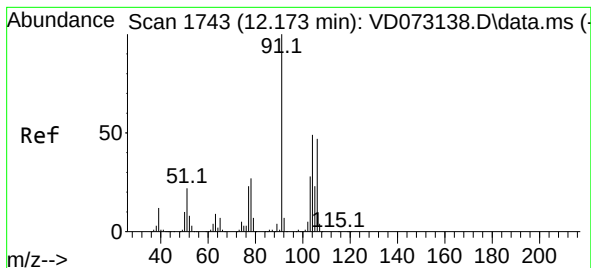
Tgt Ion: 91 Resp: 1210840
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4



#68
m/p-Xylenes
Concen: 128.681 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion:106 Resp: 950646
Ion Ratio Lower Upper
106 100
91 201.2 163.7 245.5





#69

o-Xylene

Concen: 64.848 ug/l

RT: 12.167 min Scan# 1742

Delta R.T. -0.006 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Instrument :

MSVOA_D

ClientSampleId :

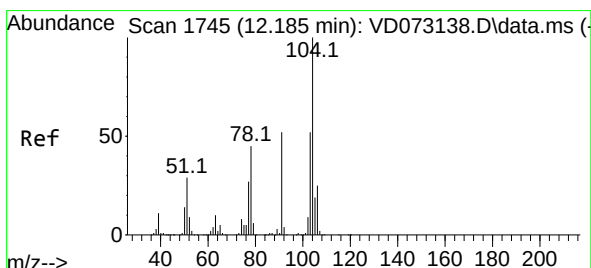
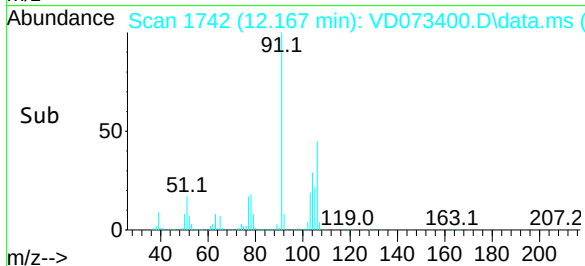
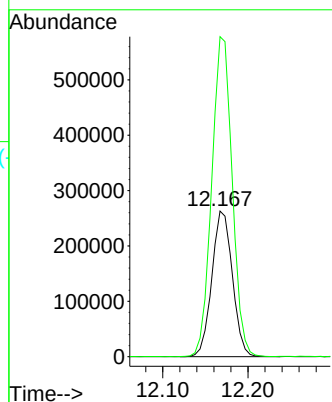
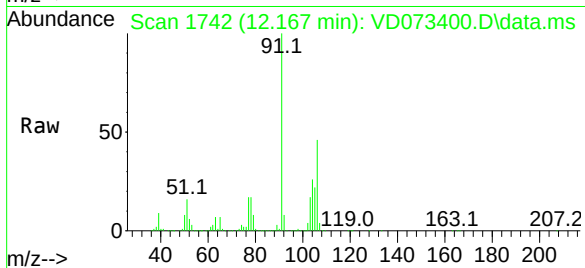
VSTDCCC050EC

Tgt Ion:106 Resp: 440106

Ion Ratio Lower Upper

106 100

91 219.0 110.4 331.2



#70

Styrene

Concen: 66.264 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

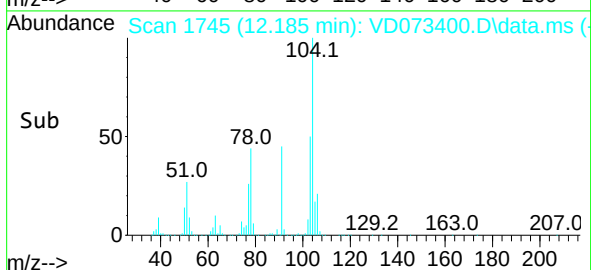
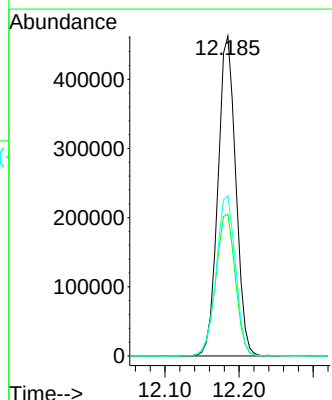
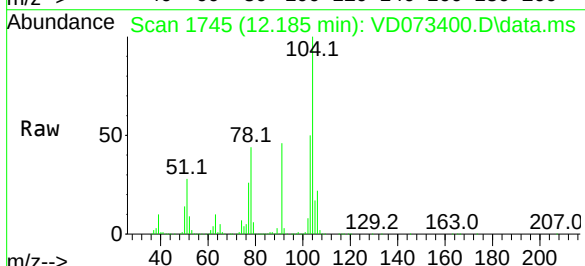
Tgt Ion:104 Resp: 773718

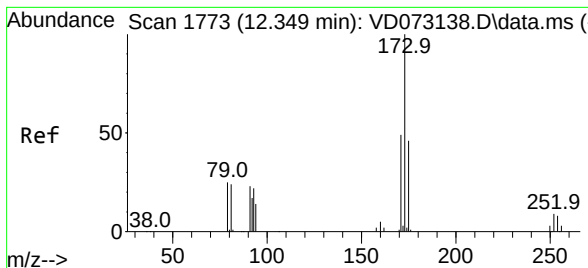
Ion Ratio Lower Upper

104 100

78 48.9 41.8 62.8

103 54.1 44.2 66.4





#71

Bromoform

Concen: 66.772 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

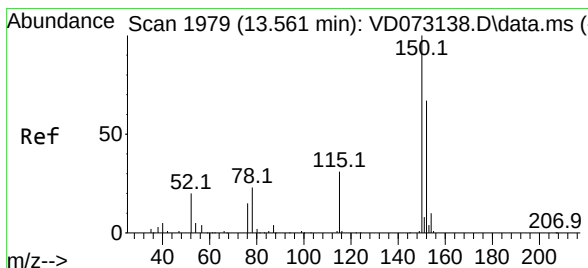
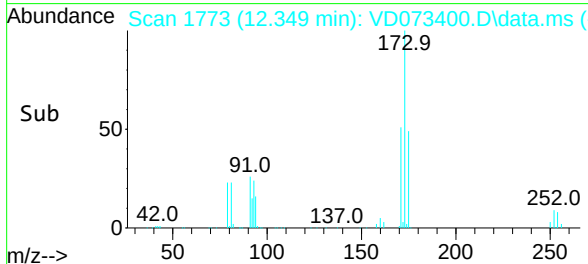
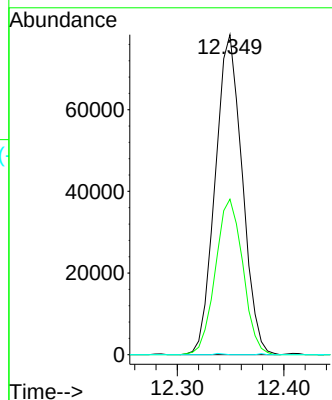
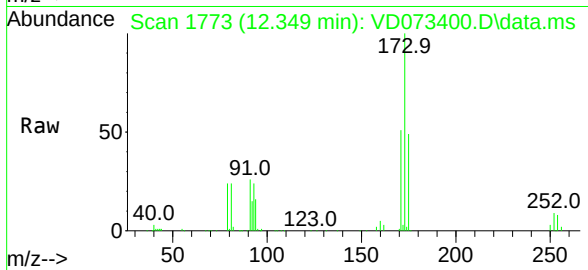
Tgt Ion:173 Resp: 138055

Ion Ratio Lower Upper

173 100

175 49.3 23.9 71.8

254 0.1 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: VD073400.D

Acq: 26 May 2022 20:54

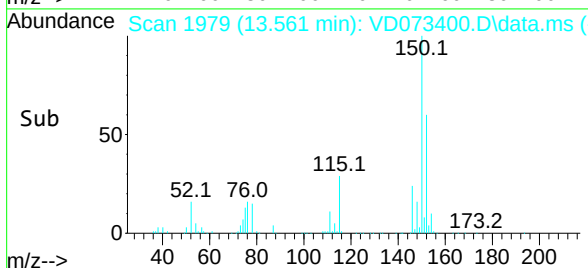
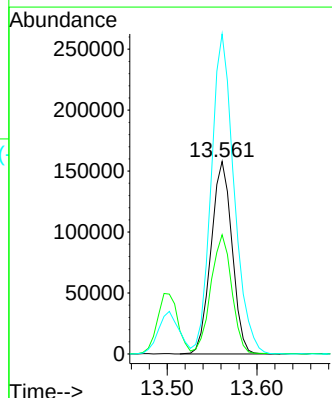
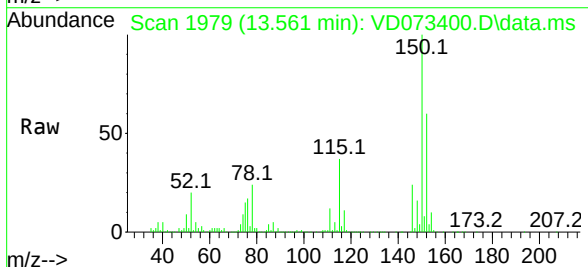
Tgt Ion:152 Resp: 257156

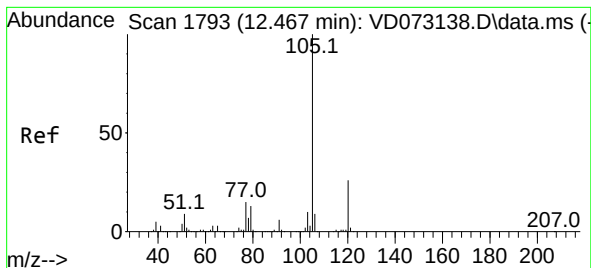
Ion Ratio Lower Upper

152 100

115 62.0 31.3 93.8

150 180.5 0.0 348.6





#73

Isopropylbenzene

Concen: 63.331 ug/l

RT: 12.467 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Instrument :

MSVOA_D

ClientSampleId :

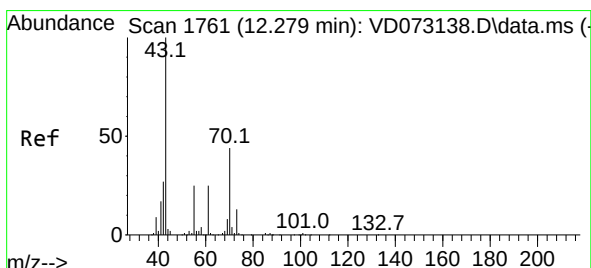
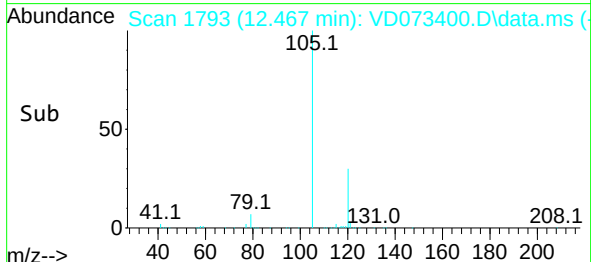
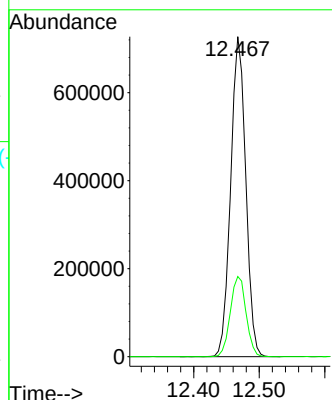
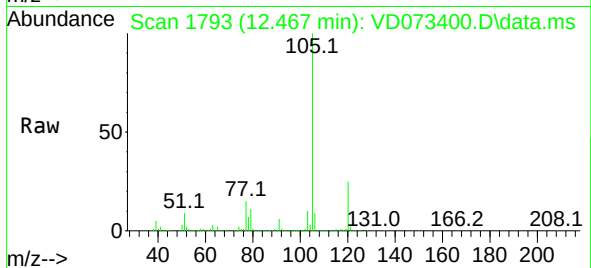
VSTDCCC050EC

Tgt Ion:105 Resp: 1161022

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 67.529 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Tgt Ion: 43 Resp: 270067

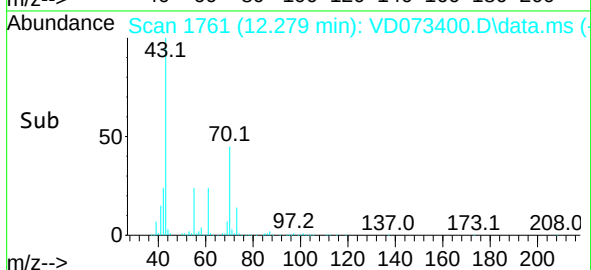
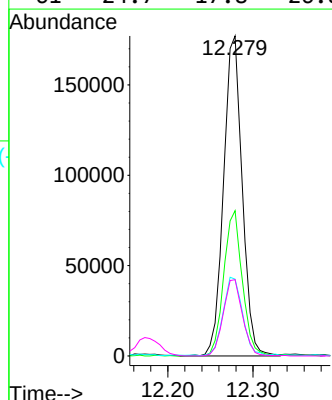
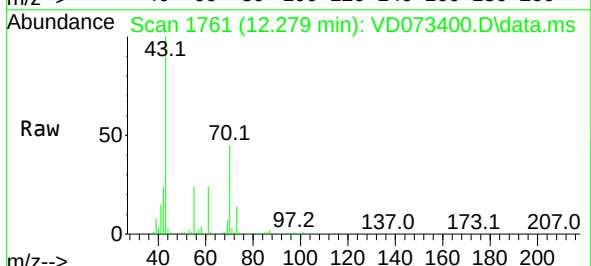
Ion Ratio Lower Upper

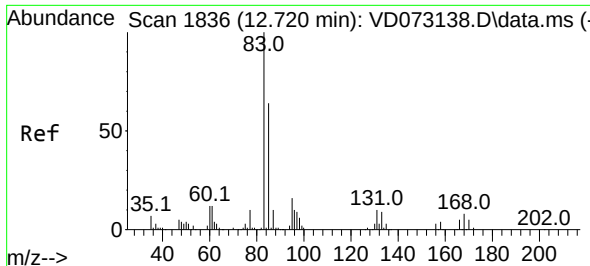
43 100

70 45.2 31.3 46.9

55 25.4 20.0 30.0

61 24.7 17.8 26.8

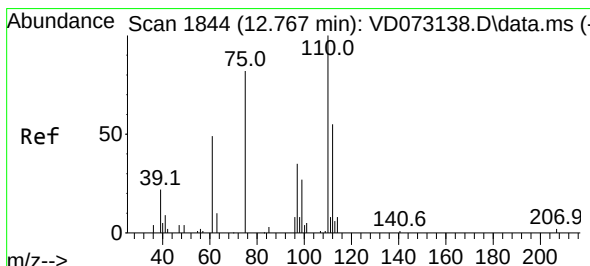
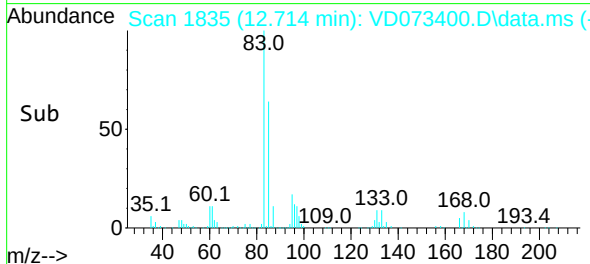
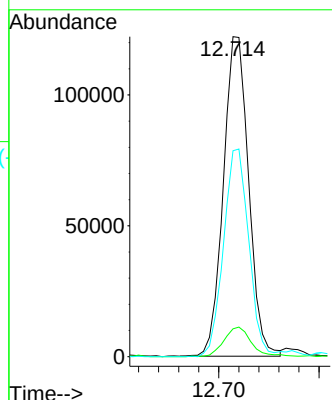
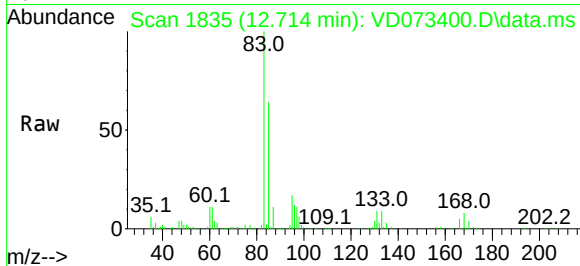




#75
 1,1,2,2-Tetrachloroethane
 Concen: 63.190 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD073400.D
 Acq: 26 May 2022 20:54

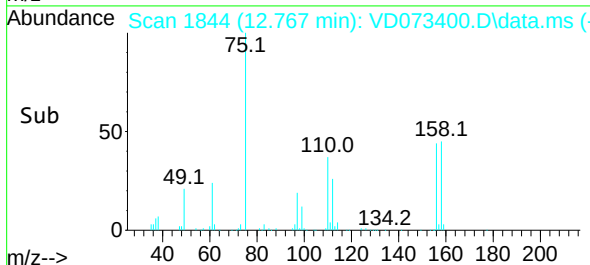
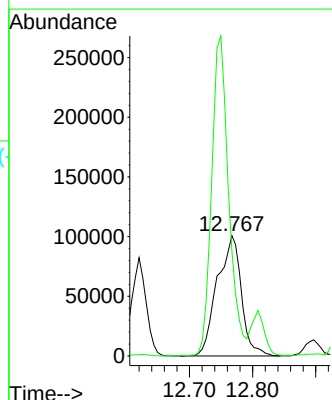
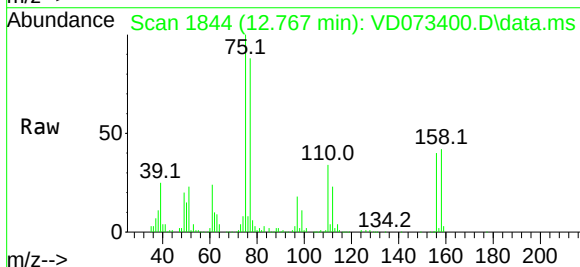
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

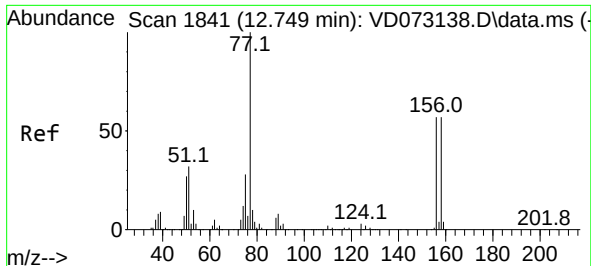
Tgt Ion: 83 Resp: 213651
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 14.9
 85 64.8 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 105.860 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD073400.D
 Acq: 26 May 2022 20:54

Tgt Ion: 75 Resp: 267101
 Ion Ratio Lower Upper
 75 100
 77 189.2 0.0 0.0#

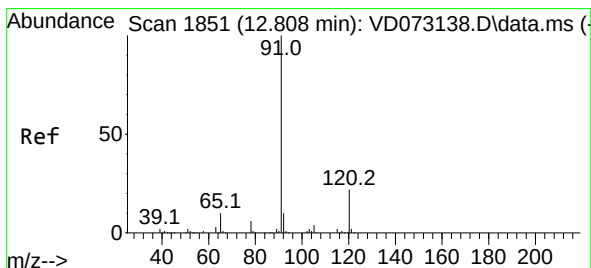
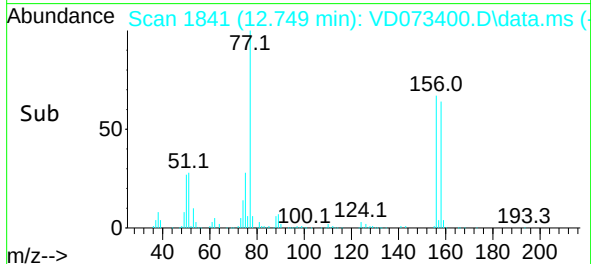
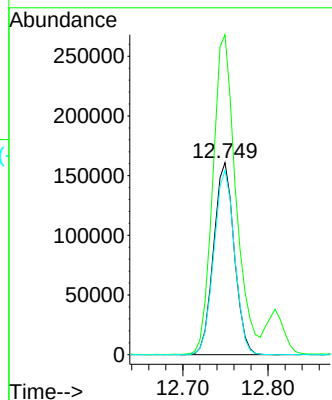
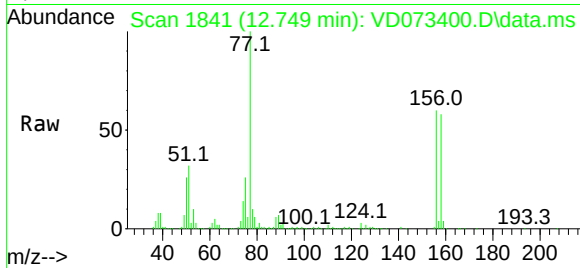




#77
Bromobenzene
Concen: 62.700 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

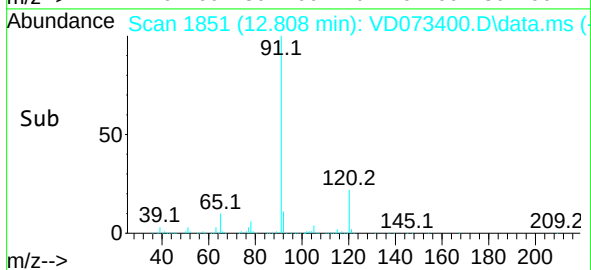
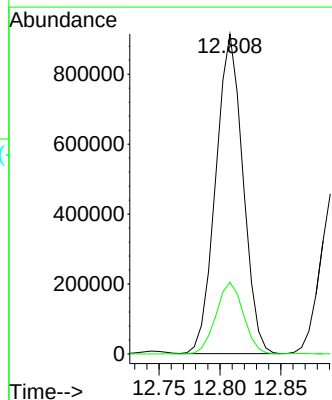
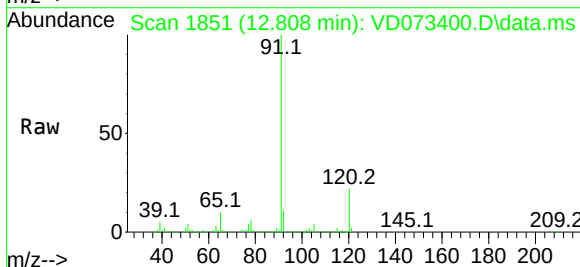
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

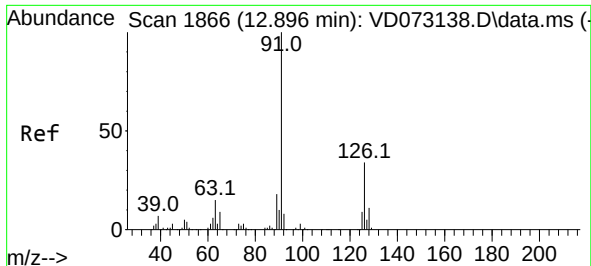
Tgt Ion:156 Resp: 270580
Ion Ratio Lower Upper
156 100
77 186.8 102.8 308.3
158 96.5 48.7 146.1



#78
n-propylbenzene
Concen: 61.690 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion: 91 Resp: 1419786
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.9

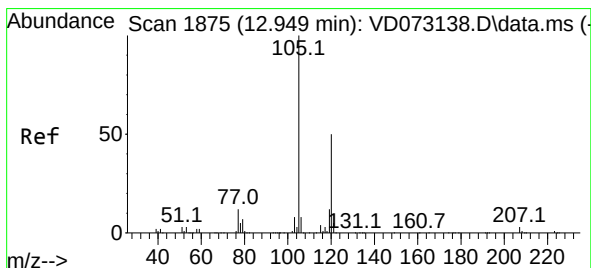
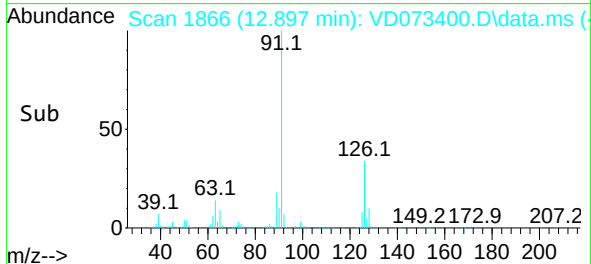
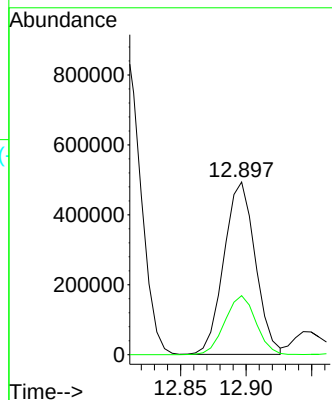
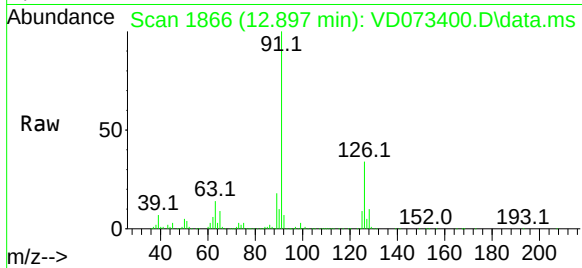




#79
2-Chlorotoluene
Concen: 61.849 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

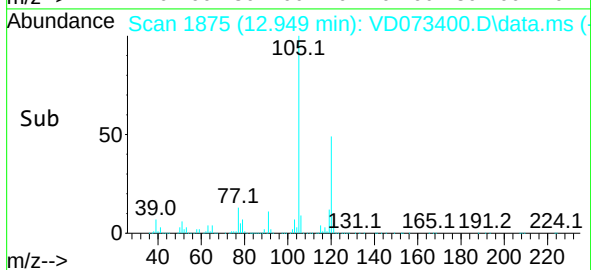
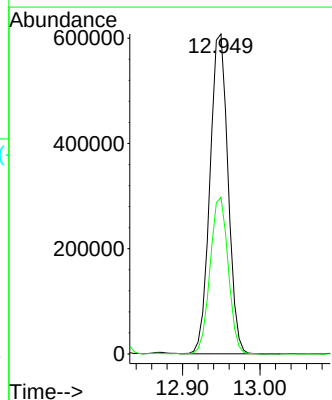
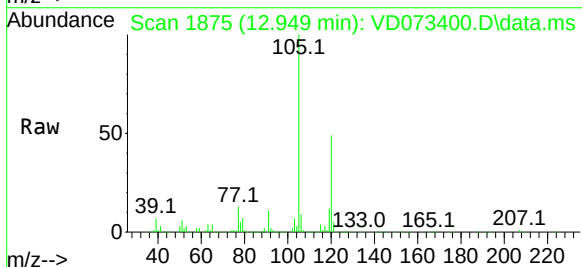
Instrument :
MSVOA_D
ClientSampleId :
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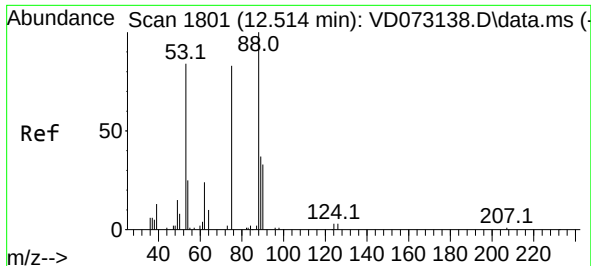
Tgt Ion: 91 Resp: 821881
Ion Ratio Lower Upper
91 100
126 33.9 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 63.467 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion: 105 Resp: 985617
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.8

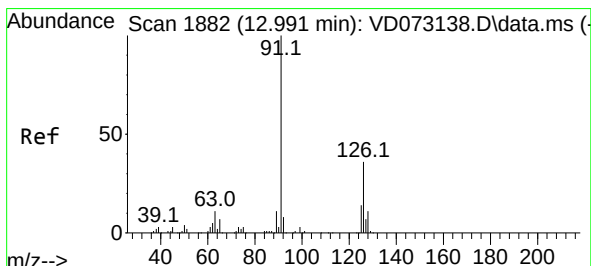
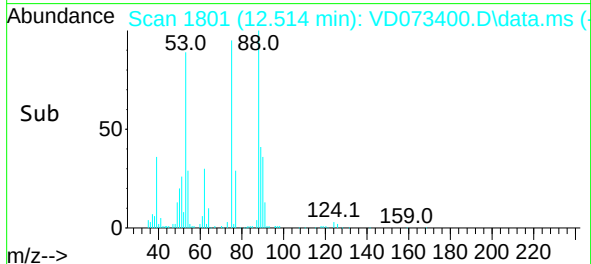
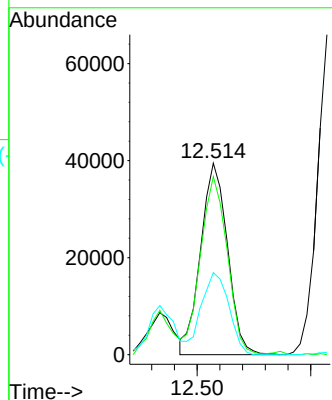
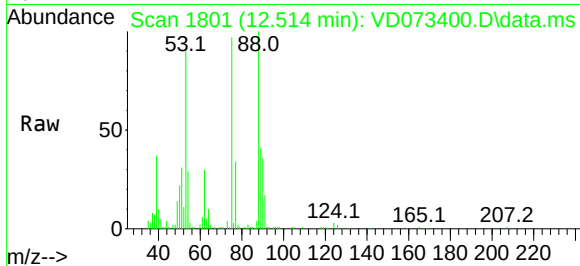




#81
trans-1,4-Dichloro-2-butene
Concen: 61.769 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

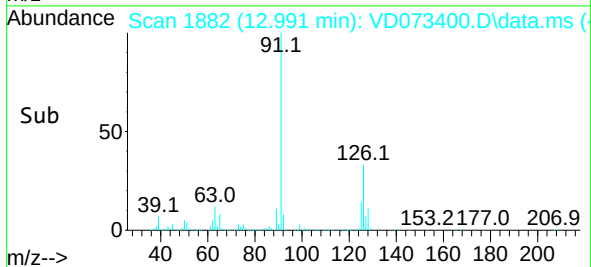
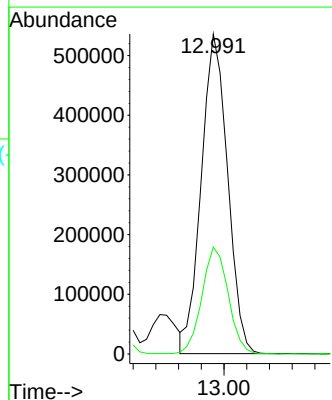
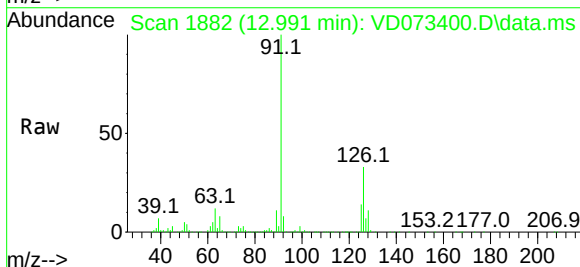
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

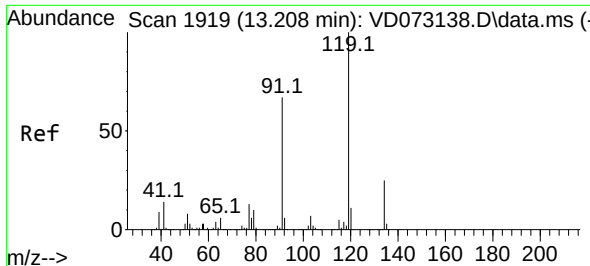
Tgt Ion: 75 Resp: 64920
Ion Ratio Lower Upper
75 100
53 92.0 86.5 129.7
89 43.7 33.9 50.9



#82
4-Chlorotoluene
Concen: 61.806 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion: 91 Resp: 860866
Ion Ratio Lower Upper
91 100
126 33.5 16.5 49.5

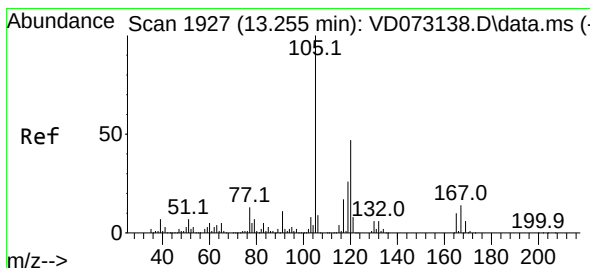
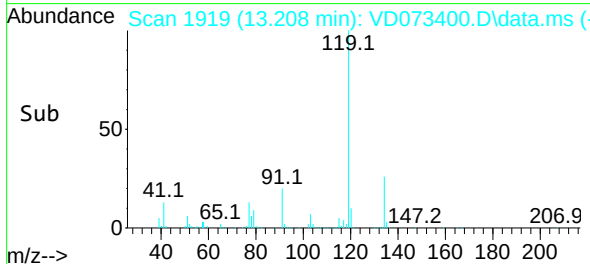
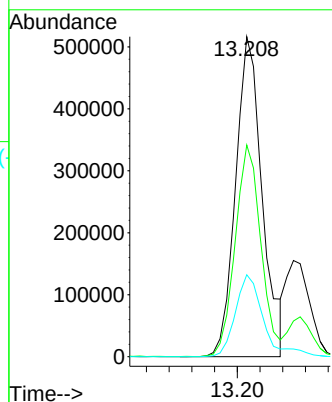
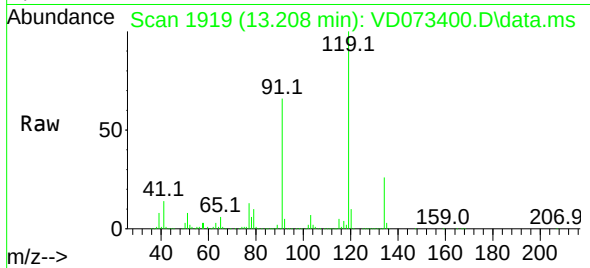




#83
tert-Butylbenzene
Concen: 64.211 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

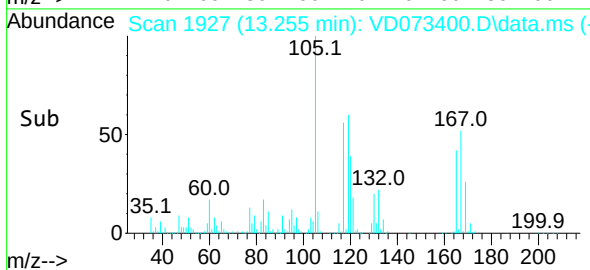
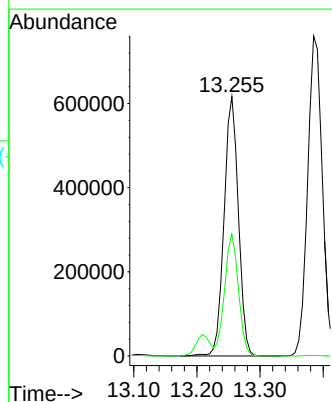
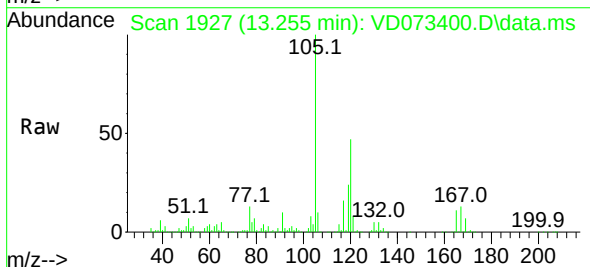
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

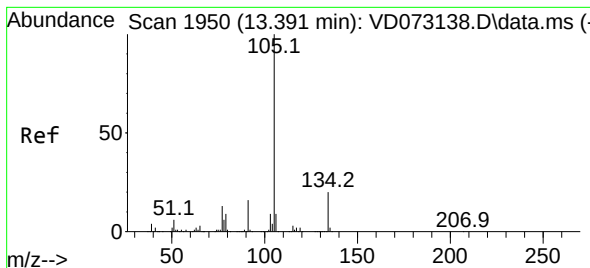
Tgt Ion:119 Resp: 840402
Ion Ratio Lower Upper
119 100
91 63.9 34.8 104.5
134 26.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 63.407 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion:105 Resp: 972757
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 61.160 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. -0.006 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Instrument :

MSVOA_D

ClientSampleId :

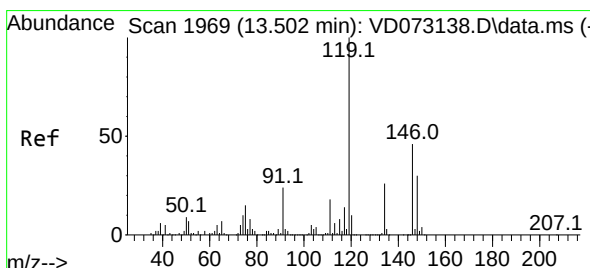
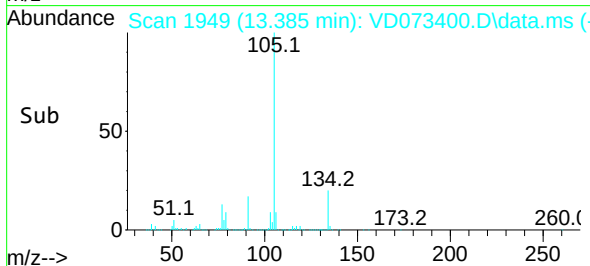
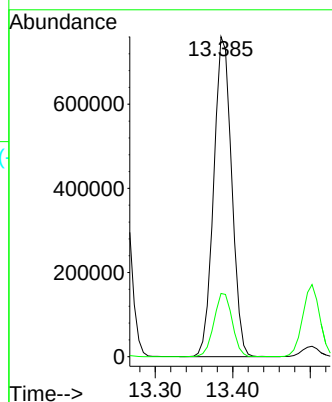
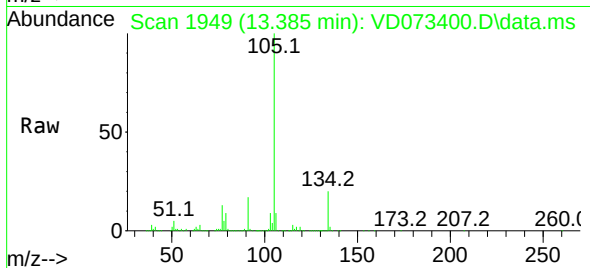
VSTDCCC050EC

Tgt Ion:105 Resp: 1222242

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 62.039 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

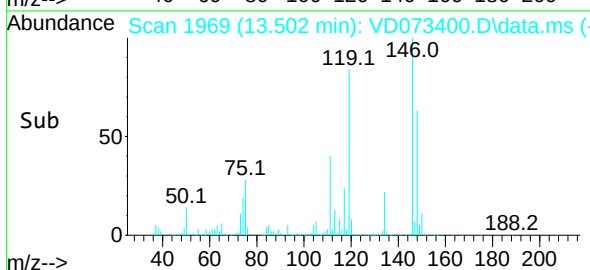
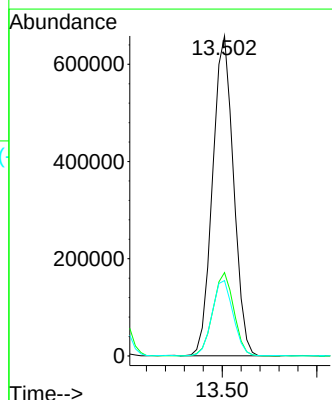
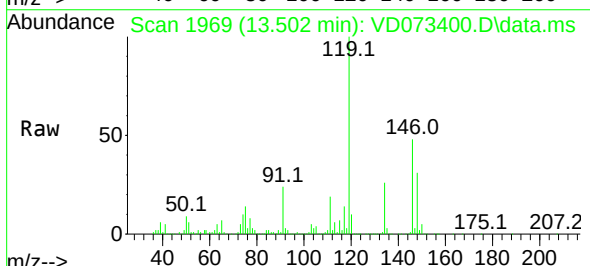
Tgt Ion:119 Resp: 1010658

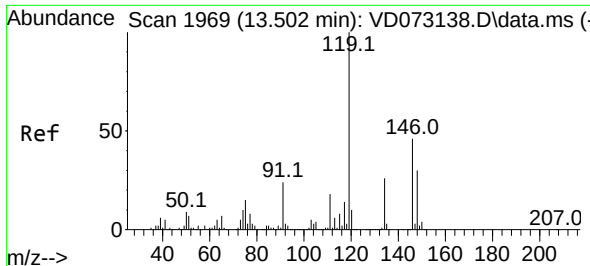
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 24.0 12.1 36.3

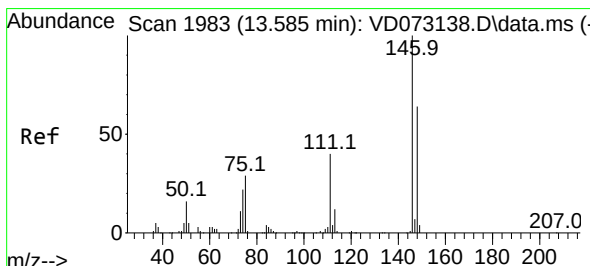
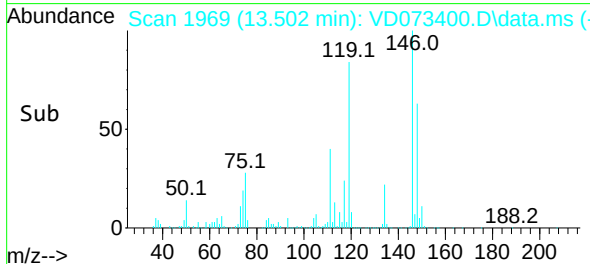
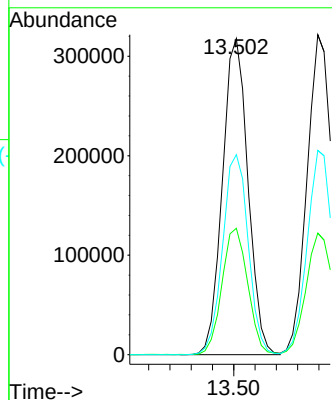
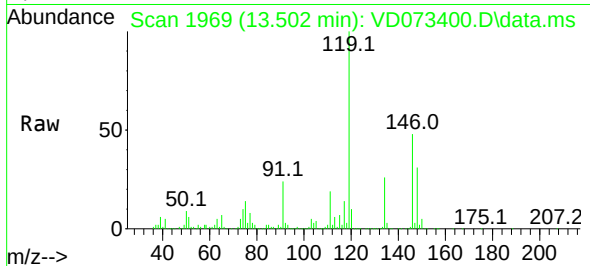




#87
1,3-Dichlorobenzene
Concen: 60.810 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

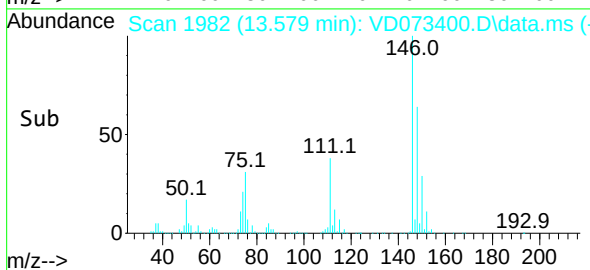
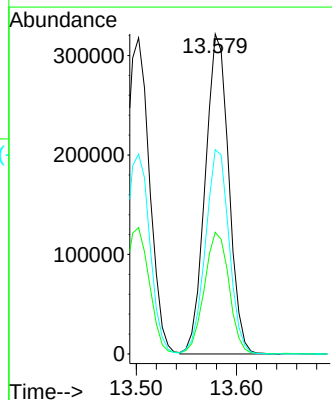
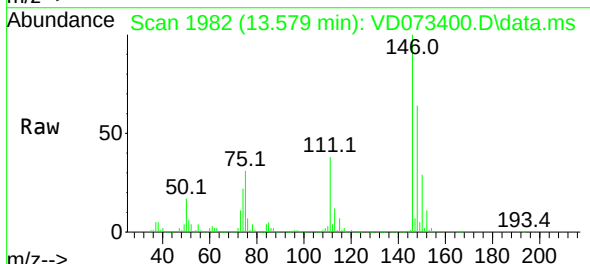
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

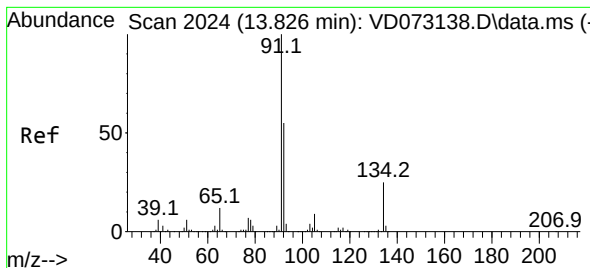
Tgt Ion:146 Resp: 528959
Ion Ratio Lower Upper
146 100
111 40.5 20.4 61.3
148 63.4 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 59.783 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion:146 Resp: 524935
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 64.3 31.7 95.1





#89

n-Butylbenzene

Concen: 62.548 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

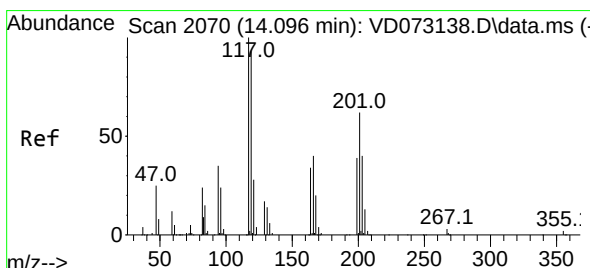
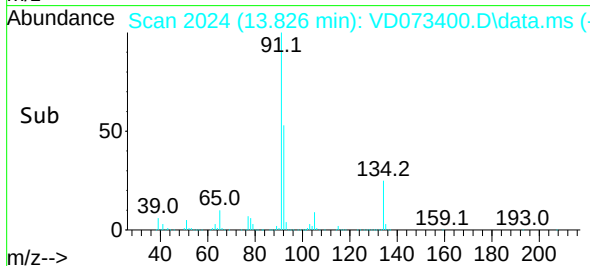
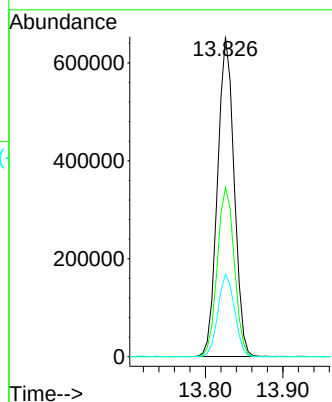
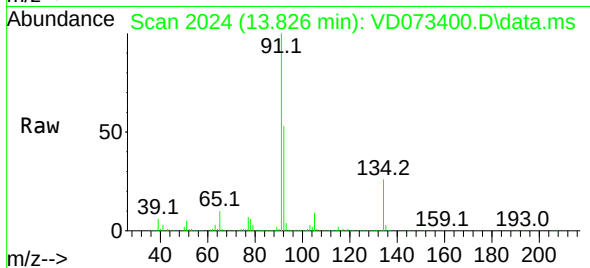
Tgt Ion: 91 Resp: 970860

Ion Ratio Lower Upper

91 100

92 54.1 26.6 79.8

134 25.9 12.3 36.9



#90

Hexachloroethane

Concen: 59.545 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073400.D

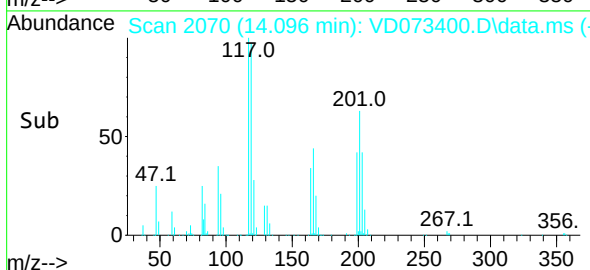
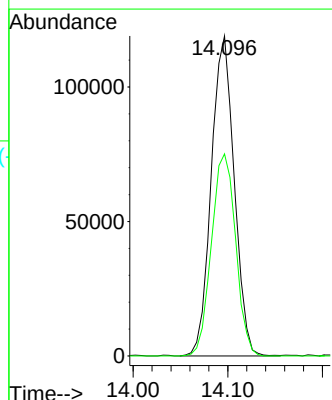
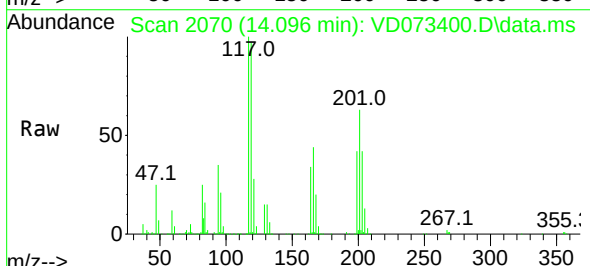
Acq: 26 May 2022 20:54

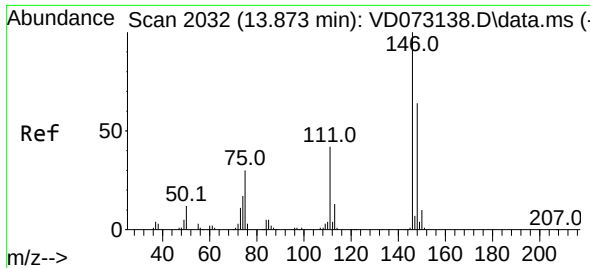
Tgt Ion: 117 Resp: 200714

Ion Ratio Lower Upper

117 100

201 66.5 33.4 100.2

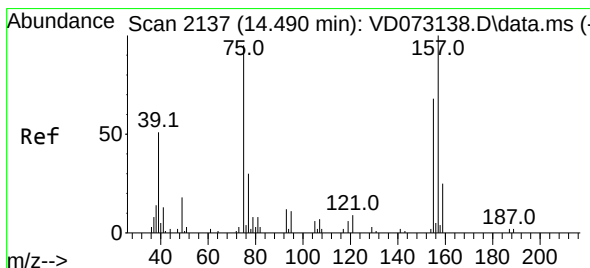
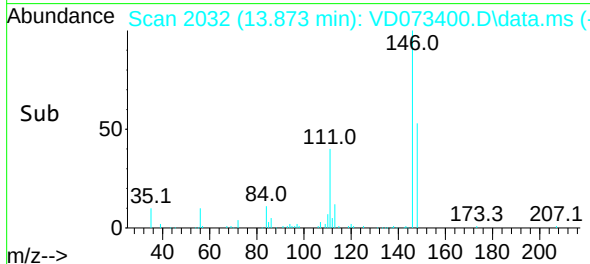
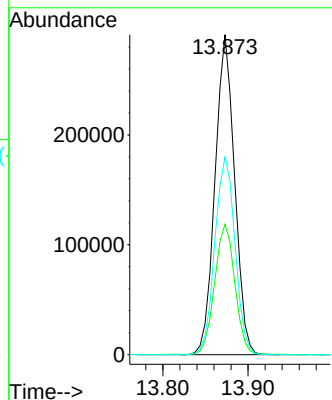
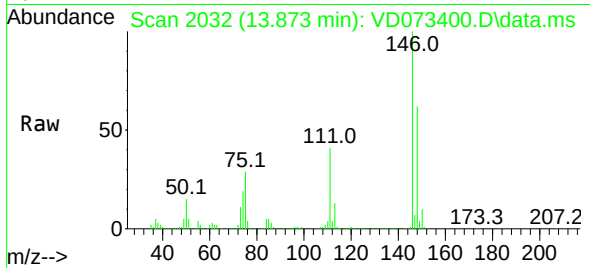




#91
1,2-Dichlorobenzene
Concen: 61.959 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

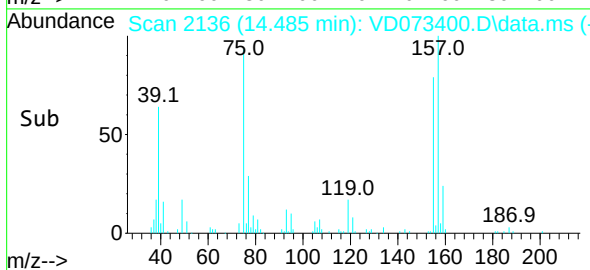
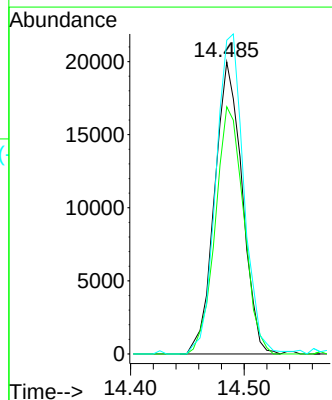
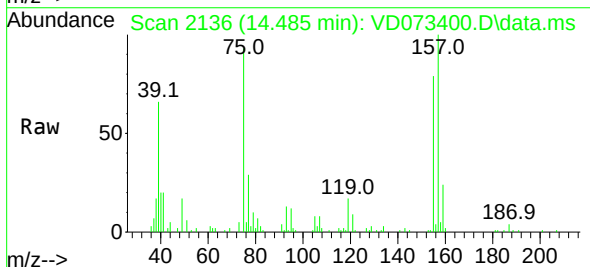
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

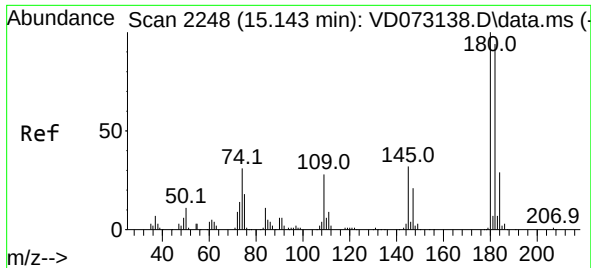
Tgt Ion:146 Resp: 466313
Ion Ratio Lower Upper
146 100
111 41.7 21.1 63.3
148 63.9 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 64.781 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.005 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion: 75 Resp: 33542
Ion Ratio Lower Upper
75 100
155 87.1 36.8 110.3
157 111.1 48.4 145.0

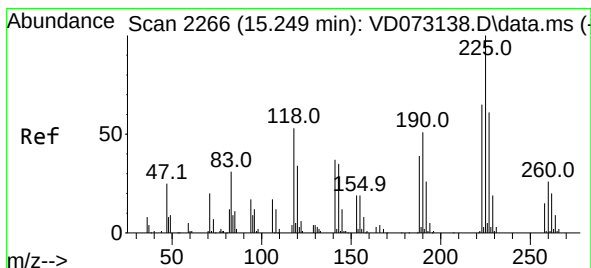
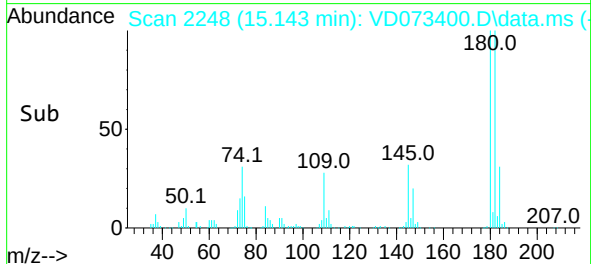
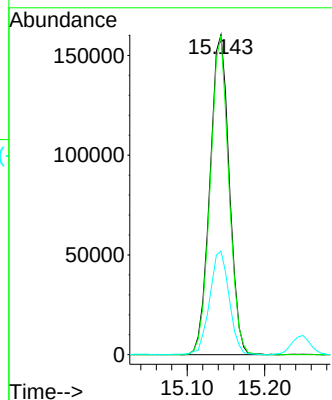
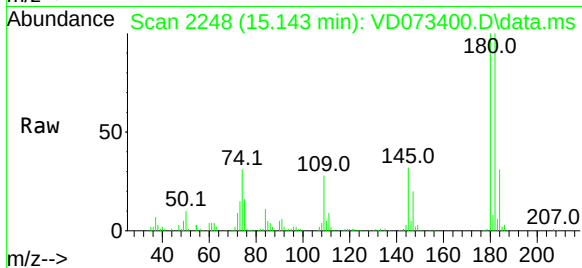




#93
1,2,4-Trichlorobenzene
Concen: 65.035 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

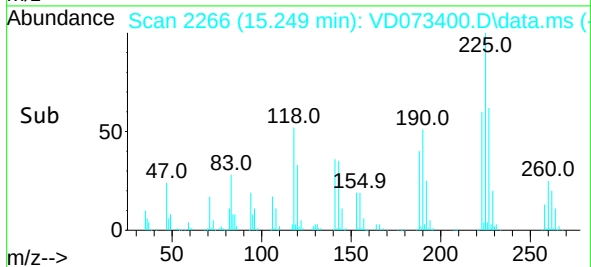
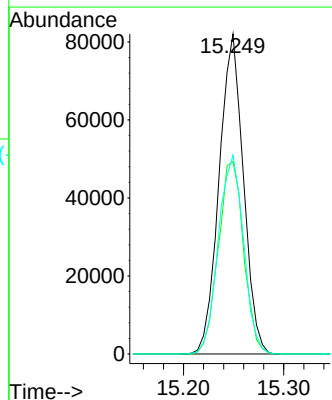
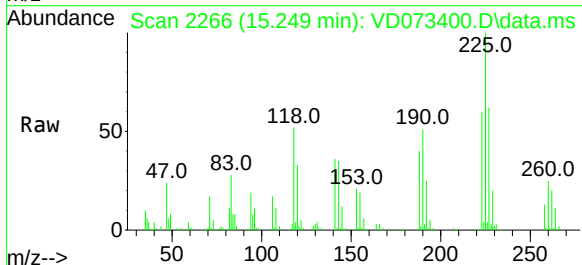
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

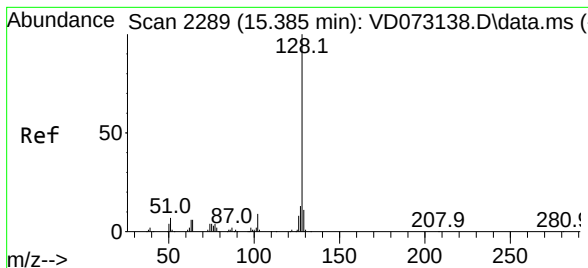
Tgt Ion:180 Resp: 277886
Ion Ratio Lower Upper
180 100
182 95.7 47.3 142.0
145 32.7 16.2 48.5



#94
Hexachlorobutadiene
Concen: 57.233 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073400.D
Acq: 26 May 2022 20:54

Tgt Ion:225 Resp: 137804
Ion Ratio Lower Upper
225 100
223 62.9 31.1 93.2
227 64.5 32.4 97.0





#95

Naphthalene

Concen: 65.973 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

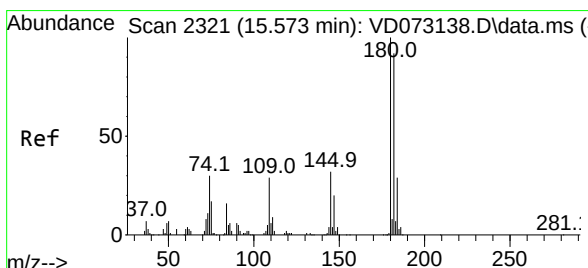
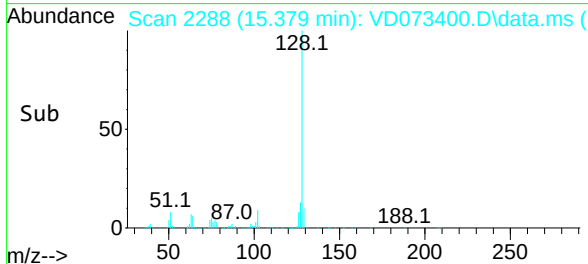
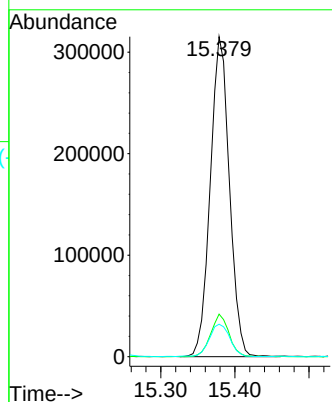
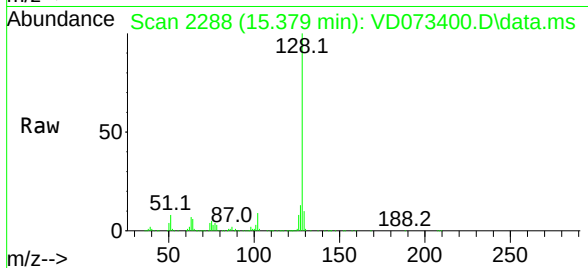
Tgt Ion:128 Resp: 565429

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 66.092 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073400.D

Acq: 26 May 2022 20:54

Tgt Ion:180 Resp: 250355

Ion Ratio Lower Upper

180 100

182 94.2 47.6 142.9

145 34.6 17.1 51.3

