

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073089.D
 Acq On : 18 May 2022 10:04
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 18 16:27:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	286295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	463166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	462966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	234881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	174386	48.707	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.420%
35) Dibromofluoromethane	7.909	113	165562	50.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.820%
50) Toluene-d8	10.332	98	598250	50.710	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.420%
62) 4-Bromofluorobenzene	12.620	95	219216	51.303	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	148502	41.481	ug/l	97
3) Chloromethane	2.209	50	158243	42.876	ug/l	100
4) Vinyl Chloride	2.350	62	152196	44.839	ug/l	97
5) Bromomethane	2.762	94	103254	42.830	ug/l	98
6) Chloroethane	2.921	64	96346	45.582	ug/l	98
7) Trichlorofluoromethane	3.274	101	283411	45.627	ug/l	98
8) Diethyl Ether	3.709	74	80307	47.249	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	167086	45.425	ug/l	96
10) Methyl Iodide	4.297	142	167321	40.021	ug/l	99
11) Tert butyl alcohol	5.209	59	82092	148.236	ug/l	95
12) 1,1-Dichloroethene	4.068	96	152321	45.794	ug/l	87
13) Acrolein	3.921	56	69182	207.028	ug/l	99
14) Allyl chloride	4.709	41	238563	45.270	ug/l	90
15) Acrylonitrile	5.415	53	206508	253.507	ug/l	95
16) Acetone	4.150	43	187134	288.826	ug/l	93
17) Carbon Disulfide	4.409	76	510015	45.781	ug/l	97
18) Methyl Acetate	4.709	43	92087	47.153	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	388408	49.932	ug/l	99
20) Methylene Chloride	4.962	84	194272	41.312	ug/l	87
21) trans-1,2-Dichloroethene	5.468	96	183179	46.297	ug/l	94
22) Diisopropyl ether	6.362	45	556079	49.162	ug/l	92
23) Vinyl Acetate	6.303	43	1573360	257.478	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	324346	46.091	ug/l	97
25) 2-Butanone	7.209	43	259752	264.754	ug/l	91
26) 2,2-Dichloropropane	7.203	77	277808	46.629	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	202641	46.443	ug/l	92
28) Bromochloromethane	7.544	49	118206	49.037	ug/l #	83
29) Tetrahydrofuran	7.556	42	168605	267.070	ug/l	94
30) Chloroform	7.703	83	351611	46.698	ug/l	99
31) Cyclohexane	7.979	56	292674	45.382	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	300863	46.640	ug/l	97
36) 1,1-Dichloropropene	8.109	75	258971	48.874	ug/l	96
37) Ethyl Acetate	7.291	43	114641	51.517	ug/l #	95
38) Carbon Tetrachloride	8.091	117	263263	48.563	ug/l	97
39) Methylcyclohexane	9.350	83	305344	49.419	ug/l	98
40) Benzene	8.344	78	747825	49.358	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.515	41	63276	50.426	ug/l #	88
42) 1,2-Dichloroethane	8.414	62	221747	50.283	ug/l	97
43) Isopropyl Acetate	8.444	43	216962	52.440	ug/l #	94
44) Trichloroethene	9.109	130	196767	48.014	ug/l	95
45) 1,2-Dichloropropane	9.379	63	191318	48.625	ug/l	99
46) Dibromomethane	9.467	93	112040	51.498	ug/l	98
47) Bromodichloromethane	9.656	83	270697	48.989	ug/l	98
48) Methyl methacrylate	9.450	41	112770	54.951	ug/l	89
49) 1,4-Dioxane	9.450	88	24731	1091.840	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	600339	278.051	ug/l	93
52) Toluene	10.397	92	484289	50.347	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	257111	51.018	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	295729	49.770	ug/l	88
55) 1,1,2-Trichloroethane	10.791	97	153963	51.847	ug/l	98
56) Ethyl methacrylate	10.650	69	185480	55.228	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	258641	51.187	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	435648	244.168	ug/l	97
59) 2-Hexanone	10.973	43	420635	294.916	ug/l	94
60) Dibromochloromethane	11.126	129	190650	51.676	ug/l	97
61) 1,2-Dibromoethane	11.238	107	148103	51.829	ug/l	98
64) Tetrachloroethene	10.867	164	158726	46.796	ug/l	88
65) Chlorobenzene	11.661	112	508168	48.409	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	191777	47.825	ug/l	99
67) Ethyl Benzene	11.738	91	910817	49.832	ug/l	99
68) m/p-Xylenes	11.844	106	717214	101.246	ug/l	98
69) o-Xylene	12.173	106	331956	50.815	ug/l	95
70) Styrene	12.185	104	593188	51.988	ug/l	97
71) Bromoform	12.350	173	108140	51.220	ug/l #	98
73) Isopropylbenzene	12.467	105	870446	48.891	ug/l	100
74) N-amyl acetate	12.279	43	215212	51.725	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	178228	50.778	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	221376	83.375	ug/l #	100
77) Bromobenzene	12.750	156	212077	49.924	ug/l	92
78) n-propylbenzene	12.808	91	1110663	49.677	ug/l	99
79) 2-Chlorotoluene	12.897	91	630566	48.413	ug/l	98
80) 1,3,5-Trimethylbenzene	12.950	105	754009	49.713	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	55905	50.485	ug/l	91
82) 4-Chlorotoluene	12.991	91	673454	48.855	ug/l	99
83) tert-Butylbenzene	13.208	119	635715	49.482	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	752800	49.887	ug/l	99
85) sec-Butylbenzene	13.391	105	978963	50.200	ug/l	100
86) p-Isopropyltoluene	13.502	119	799059	50.375	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	420594	48.172	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	410072	47.529	ug/l	100
89) n-Butylbenzene	13.826	91	758734	49.186	ug/l	98
90) Hexachloroethane	14.097	117	154553	46.891	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	366144	48.350	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	28877	52.930	ug/l	95
93) 1,2,4-Trichlorobenzene	15.144	180	216057	50.005	ug/l	99
94) Hexachlorobutadiene	15.249	225	116932	48.485	ug/l	97
95) Naphthalene	15.379	128	413860	45.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	193800	50.521	ug/l	99

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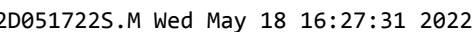
Instrument :
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ClientSampleId :
VSTDCCC050

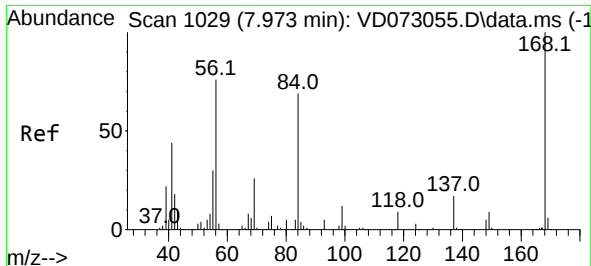
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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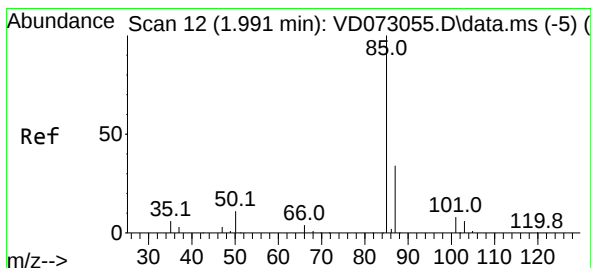
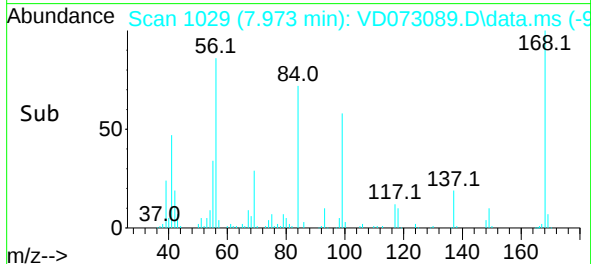
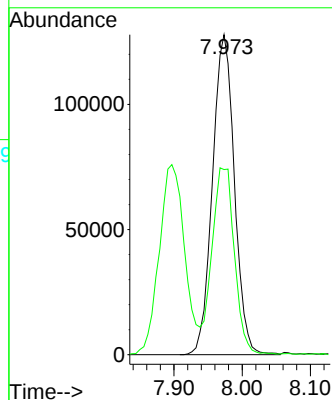
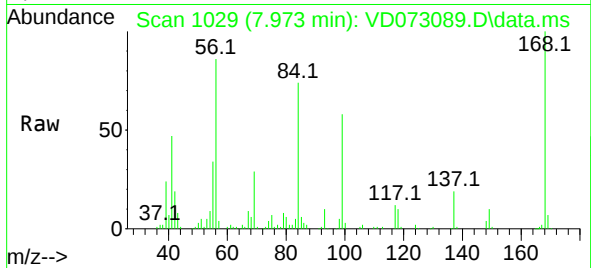




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073089.D
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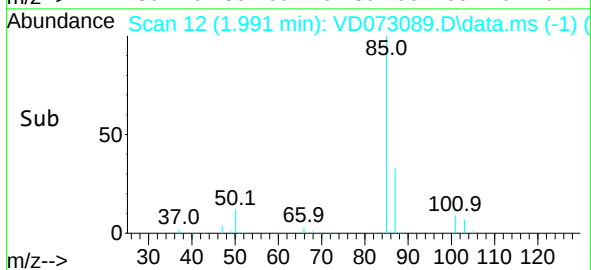
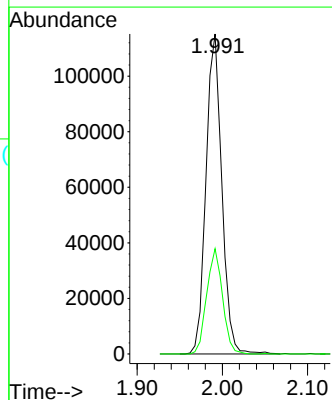
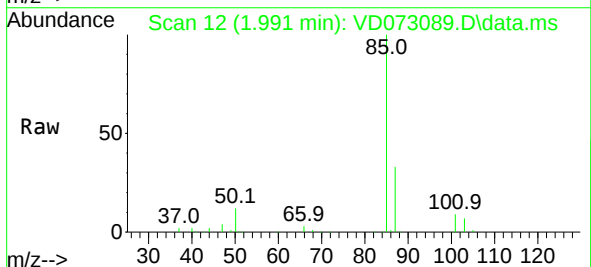
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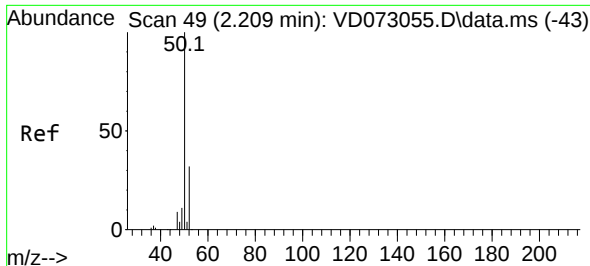
Tgt Ion:168 Resp: 286295
Ion Ratio Lower Upper
168 100
99 57.6 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 41.481 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 85 Resp: 148502
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.0

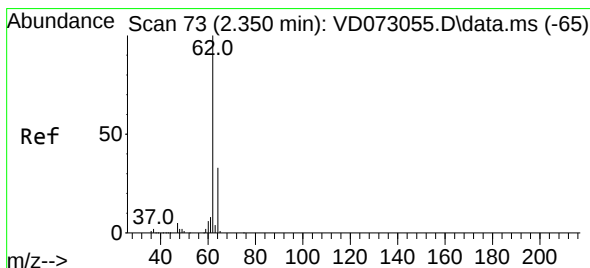
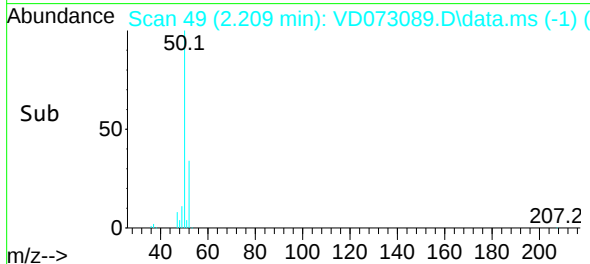
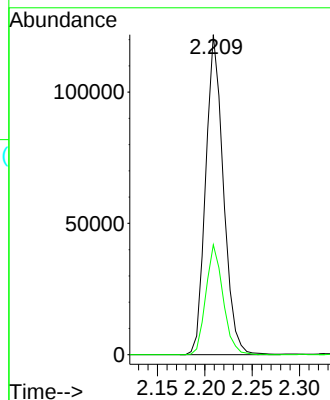
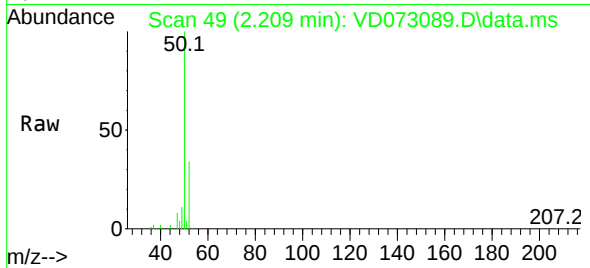




#3
Chloromethane
Concen: 42.876 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

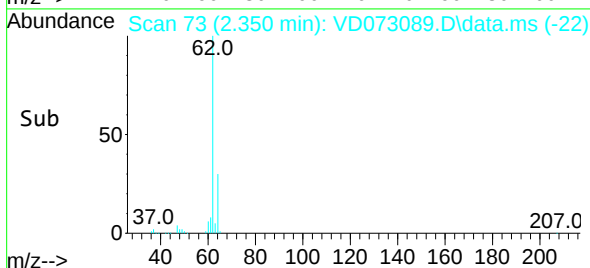
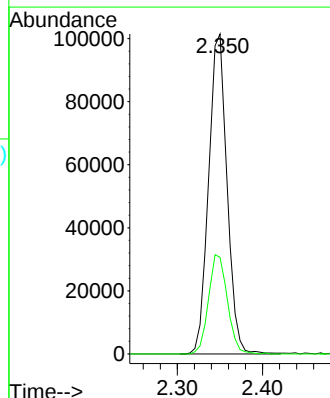
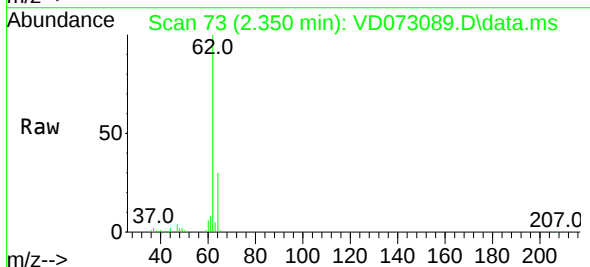
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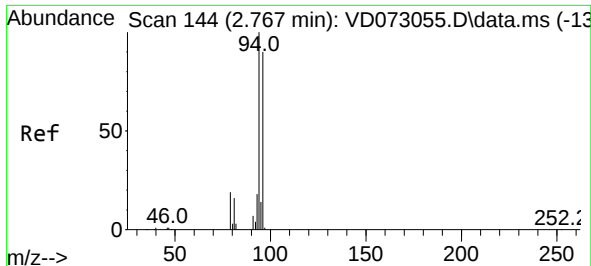
Tgt Ion: 50 Resp: 158243
Ion Ratio Lower Upper
50 100
52 34.3 27.4 41.0



#4
Vinyl Chloride
Concen: 44.839 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 62 Resp: 152196
Ion Ratio Lower Upper
62 100
64 30.2 25.4 38.0

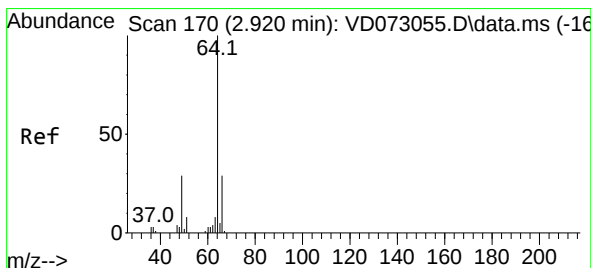
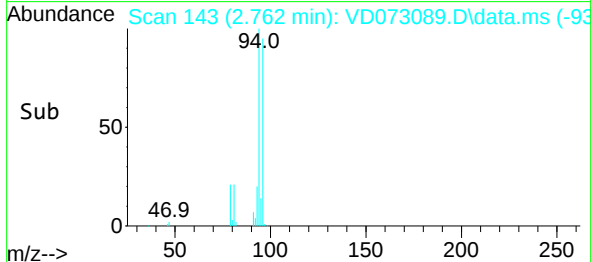
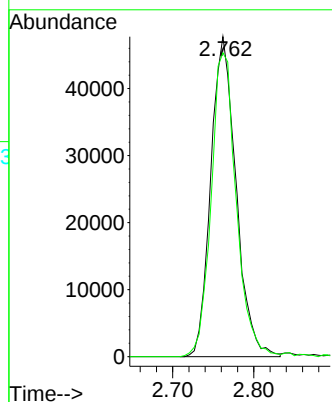
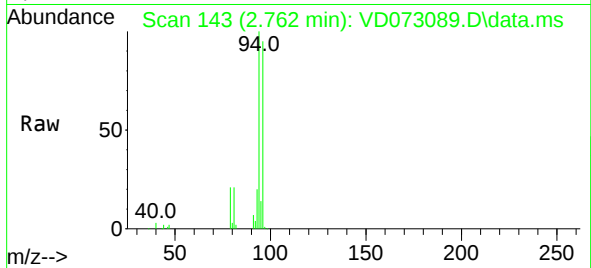




#5
Bromomethane
Concen: 42.830 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

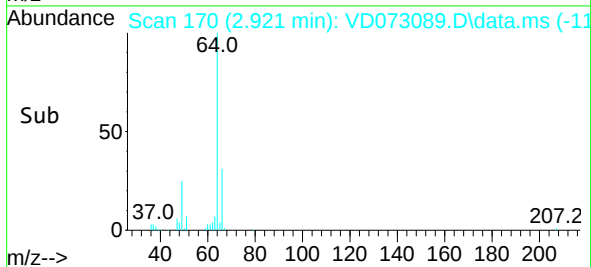
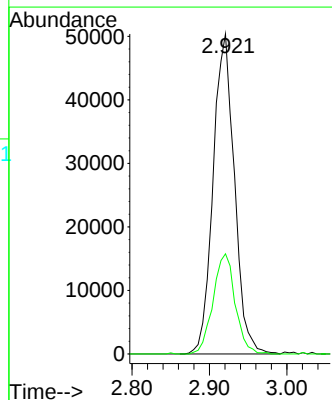
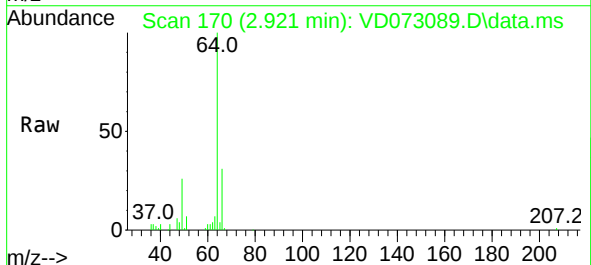
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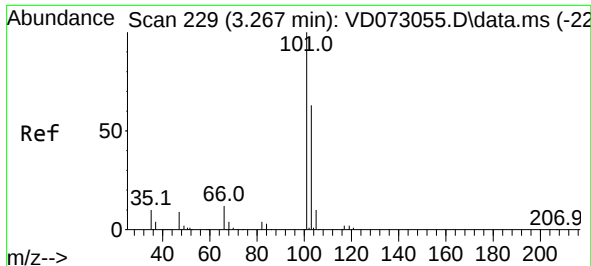
Tgt Ion: 94 Resp: 103254
Ion Ratio Lower Upper
94 100
96 94.9 77.6 116.4



#6
Chloroethane
Concen: 45.582 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 64 Resp: 96346
Ion Ratio Lower Upper
64 100
66 31.3 25.9 38.9

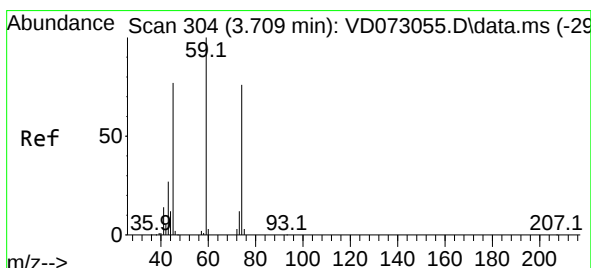
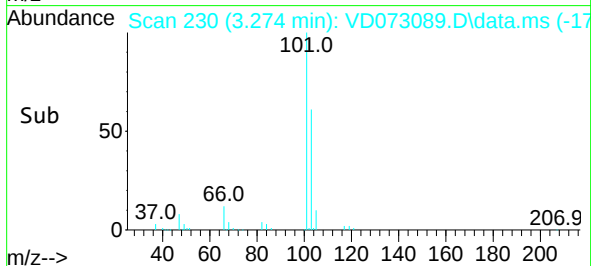
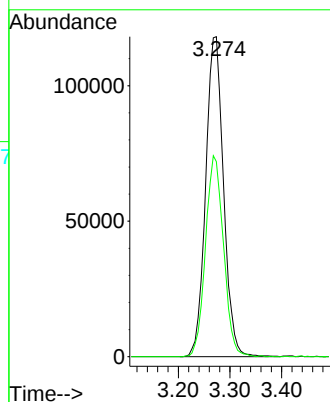
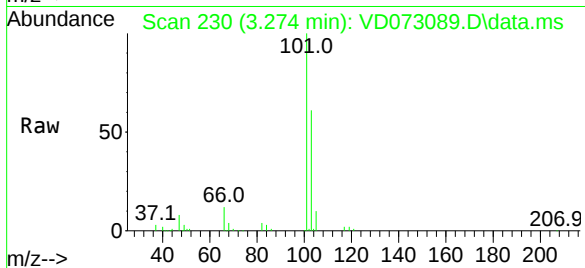




#7
 Trichlorofluoromethane
 Concen: 45.627 ug/l
 RT: 3.274 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD073089.D
 Acq: 18 May 2022 10:04

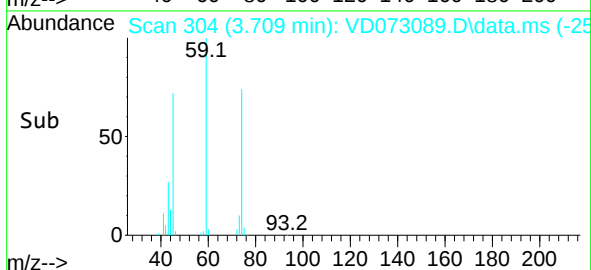
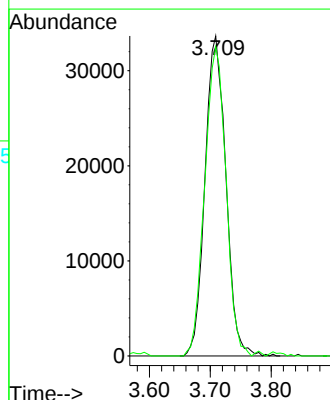
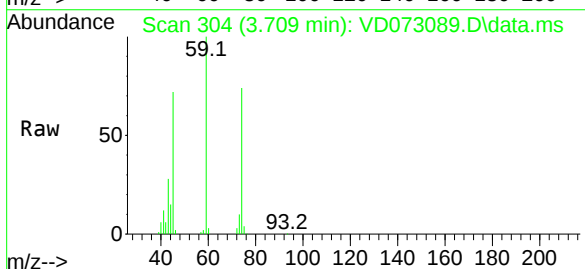
Instrument :
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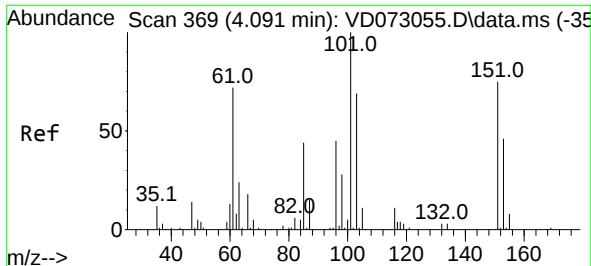
Tgt Ion:101 Resp: 283411
 Ion Ratio Lower Upper
 101 100
 103 61.0 50.1 75.1



#8
 Diethyl Ether
 Concen: 47.249 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 80307
 Ion Ratio Lower Upper
 74 100
 45 98.2 52.6 157.8

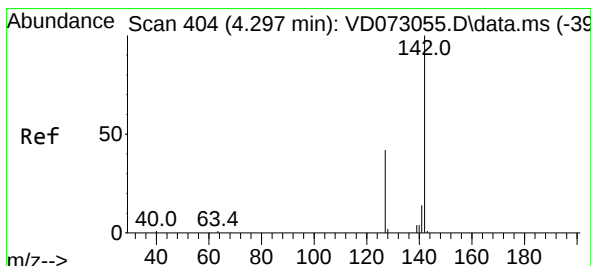
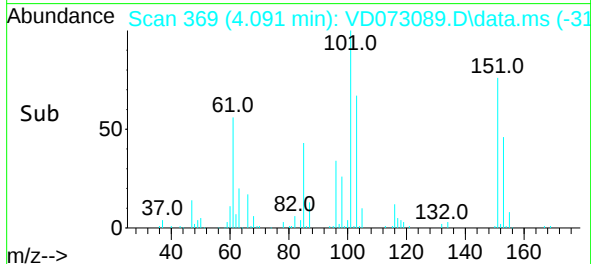
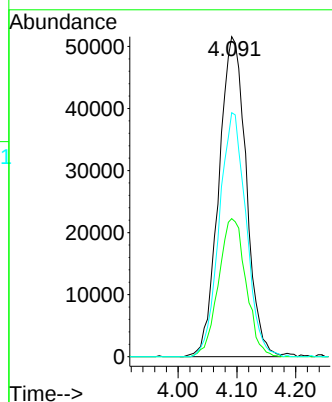
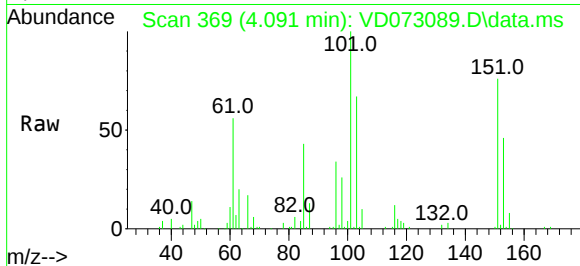




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.425 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

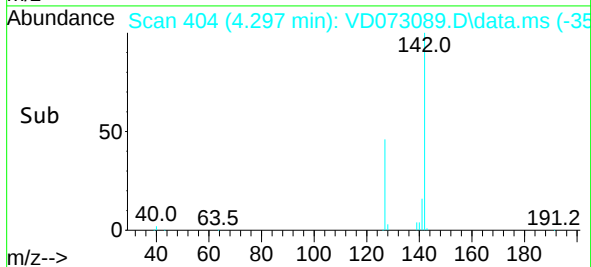
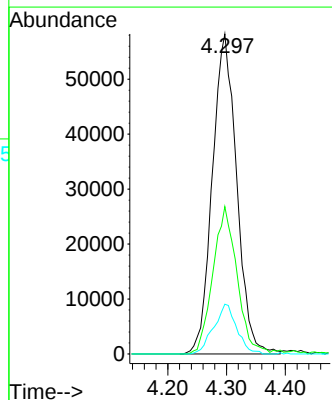
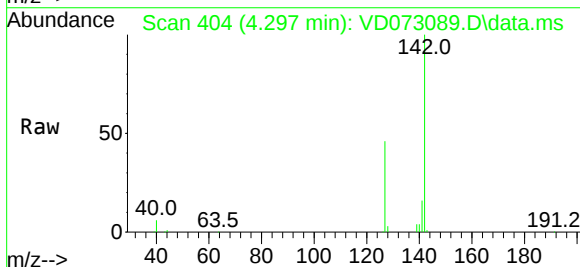
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

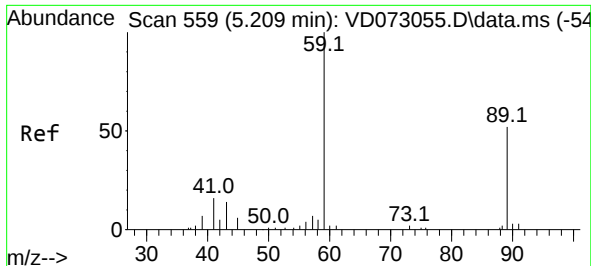
Tgt Ion:101 Resp: 167086
Ion Ratio Lower Upper
101 100
85 43.2 36.4 54.6
151 74.7 57.3 85.9



#10
Methyl Iodide
Concen: 40.021 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion:142 Resp: 167321
Ion Ratio Lower Upper
142 100
127 45.6 37.3 55.9
141 14.7 11.7 17.5

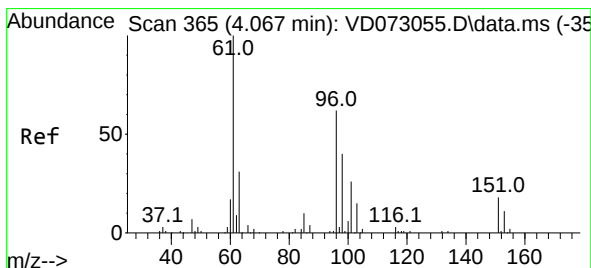
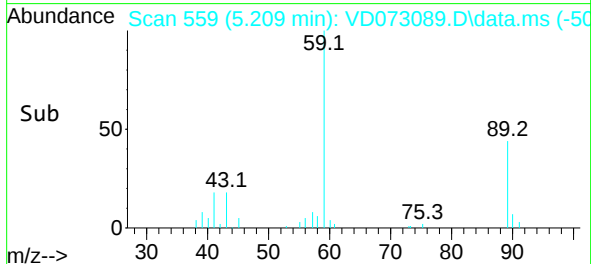
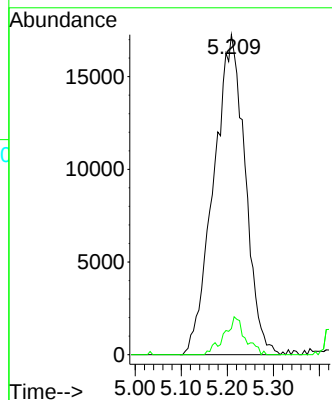
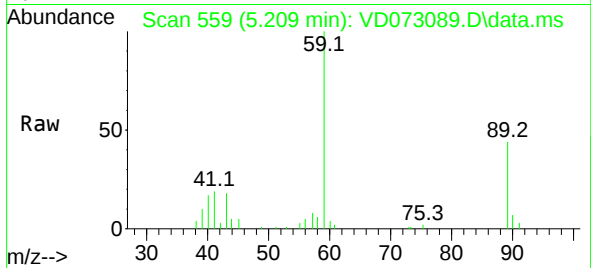




#11
Tert butyl alcohol
Concen: 148.236 ug/l
RT: 5.209 min Scan# 511
Delta R.T. -0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

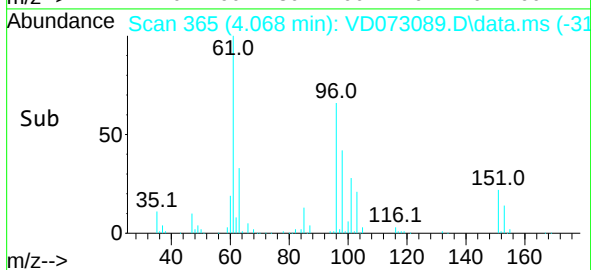
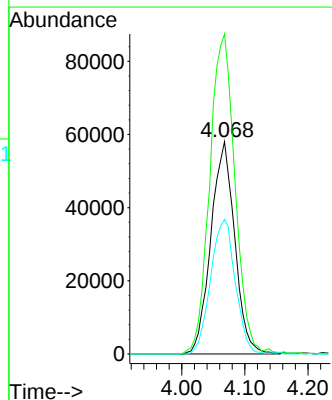
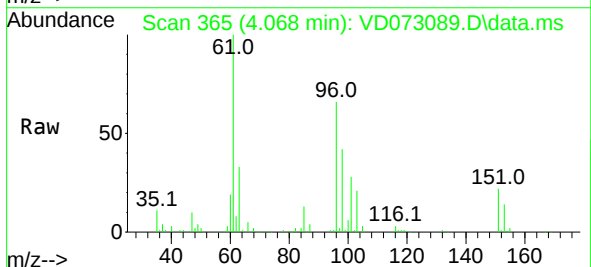
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

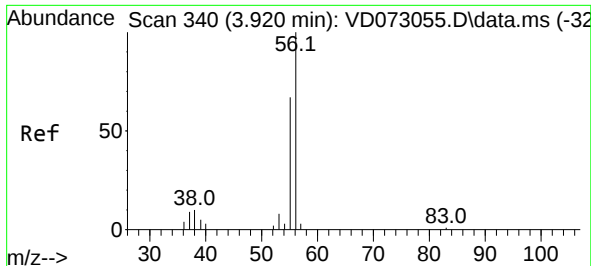
Tgt Ion: 59 Resp: 82092
Ion Ratio Lower Upper
59 100
57 7.8 7.8 11.6



#12
1,1-Dichloroethene
Concen: 45.794 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 96 Resp: 152321
Ion Ratio Lower Upper
96 100
61 150.7 138.5 207.7
98 63.4 48.6 73.0





#13

Acrolein

Concen: 207.028 ug/l

RT: 3.921 min Scan# 34

Delta R.T. 0.001 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

Instrument :

MSVOA_D

ClientSampleId :

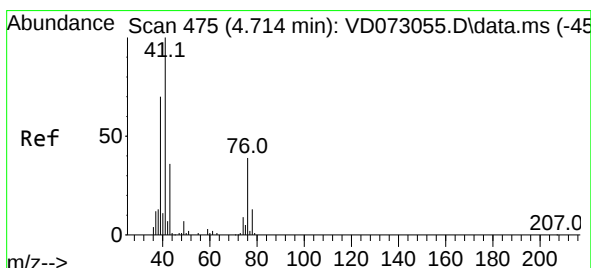
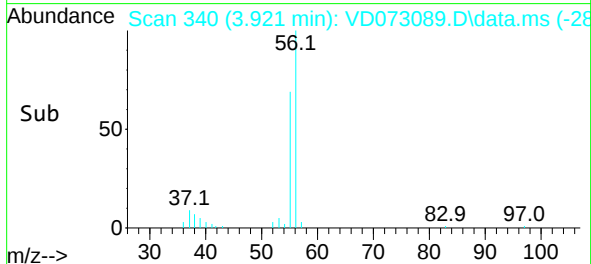
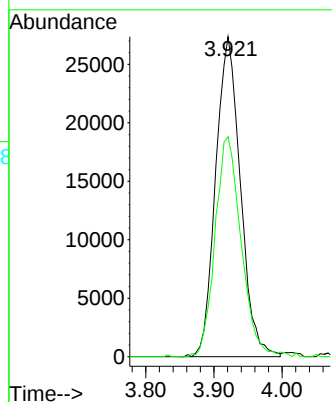
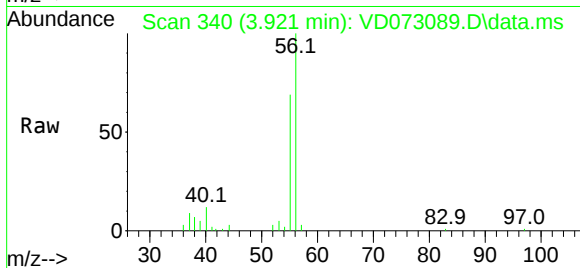
VSTDCCC050

Tgt Ion: 56 Resp: 69182

Ion Ratio Lower Upper

56 100

55 72.2 57.1 85.7



#14

Allyl chloride

Concen: 45.270 ug/l

RT: 4.709 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

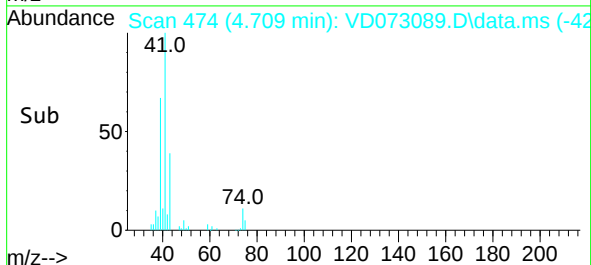
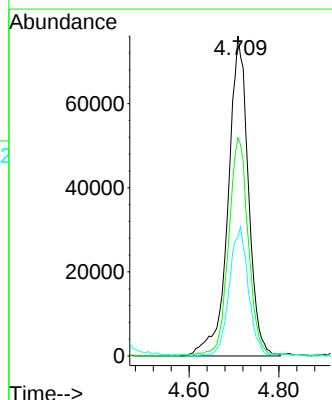
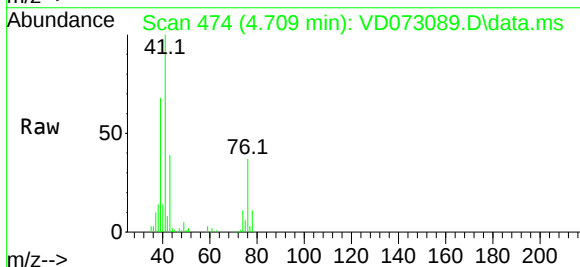
Tgt Ion: 41 Resp: 238563

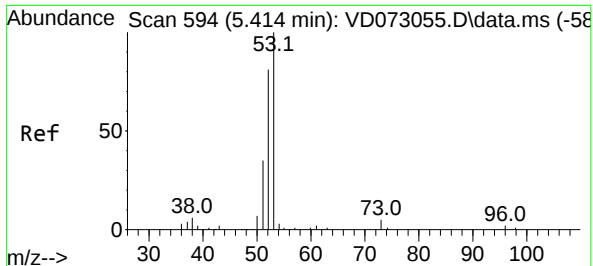
Ion Ratio Lower Upper

41 100

39 66.4 59.3 88.9

76 38.0 25.7 38.5

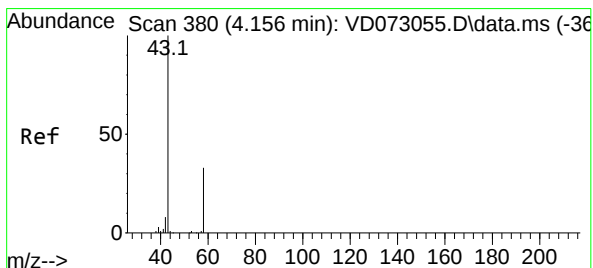
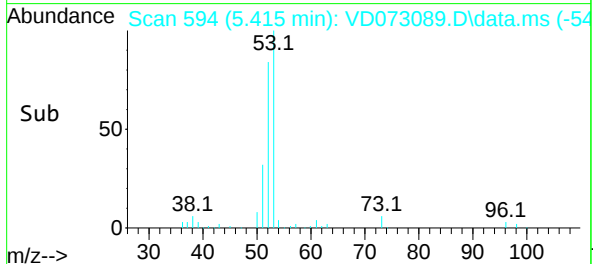
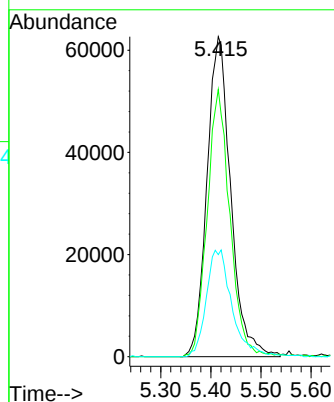
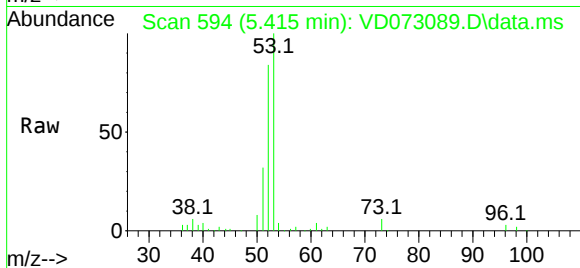




#15
Acrylonitrile
Concen: 253.507 ug/l
RT: 5.415 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

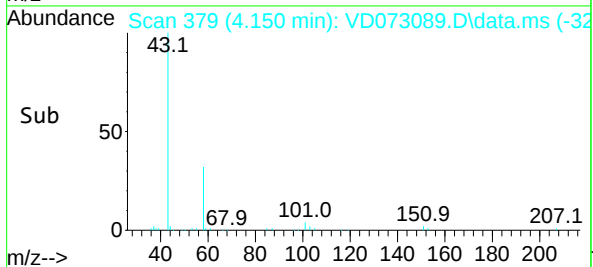
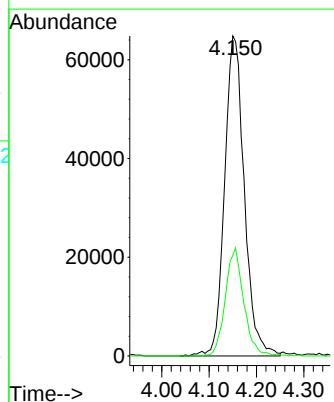
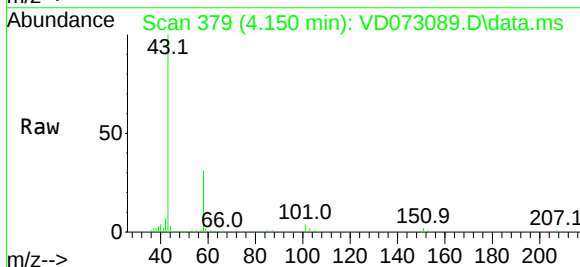
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

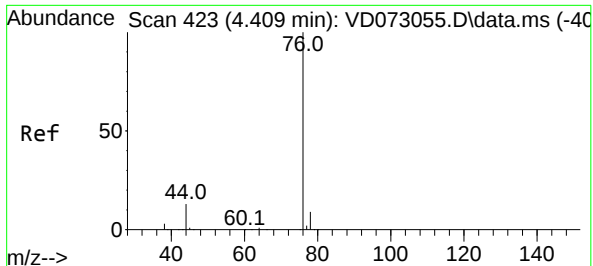
Tgt Ion: 53 Resp: 206508
Ion Ratio Lower Upper
53 100
52 79.3 67.2 100.8
51 35.5 30.3 45.5



#16
Acetone
Concen: 288.826 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 43 Resp: 187134
Ion Ratio Lower Upper
43 100
58 31.4 22.1 33.1

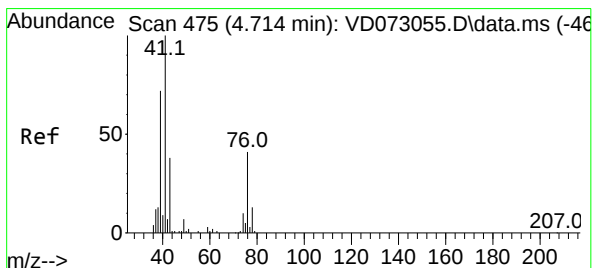
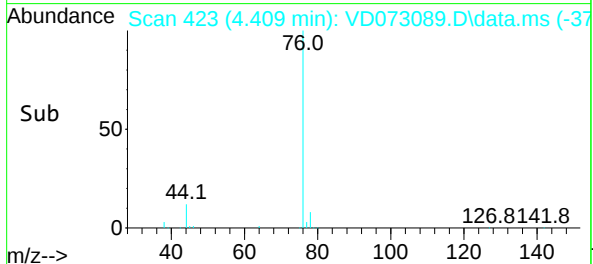
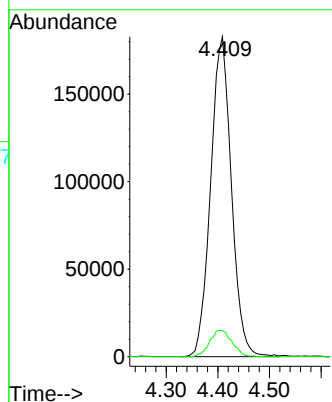
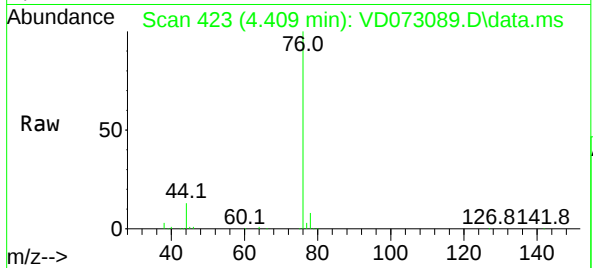




#17
Carbon Disulfide
Concen: 45.781 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

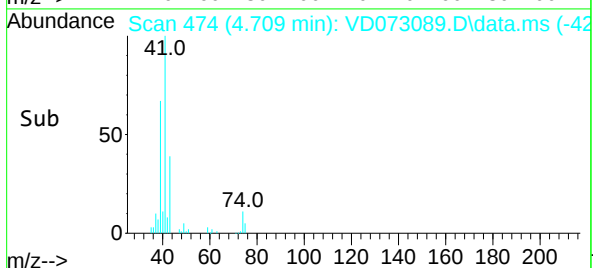
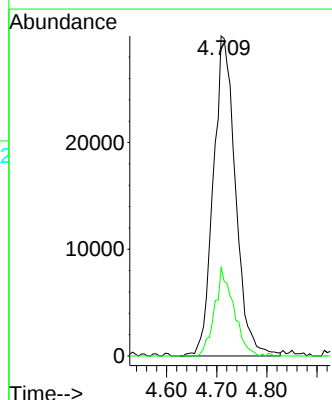
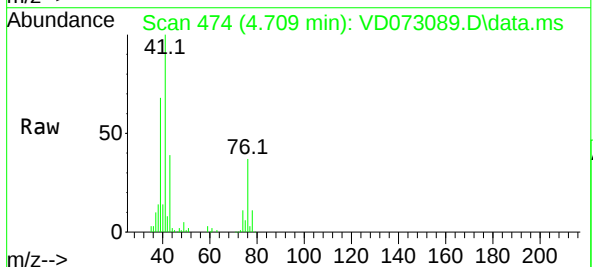
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

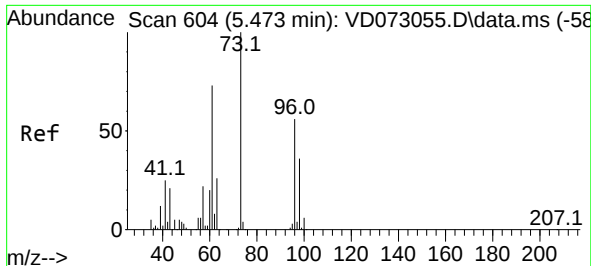
Tgt Ion: 76 Resp: 510015
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3



#18
Methyl Acetate
Concen: 47.153 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.005 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 43 Resp: 92087
Ion Ratio Lower Upper
43 100
74 23.7 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 49.932 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

Instrument :

MSVOA_D

ClientSampleId :

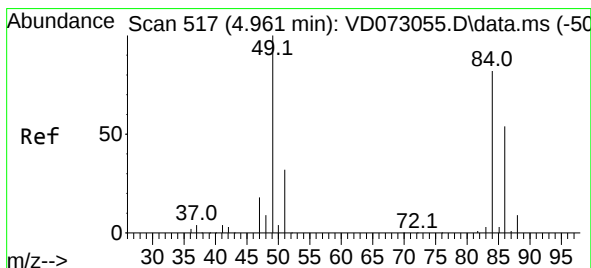
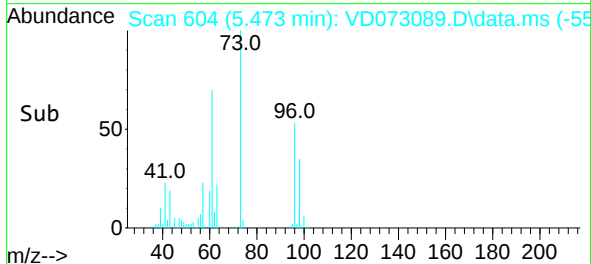
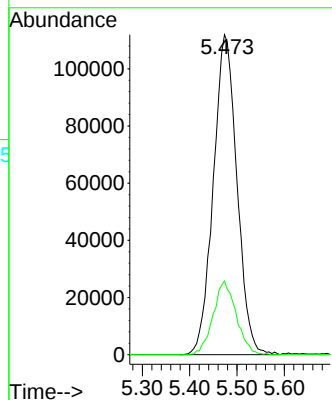
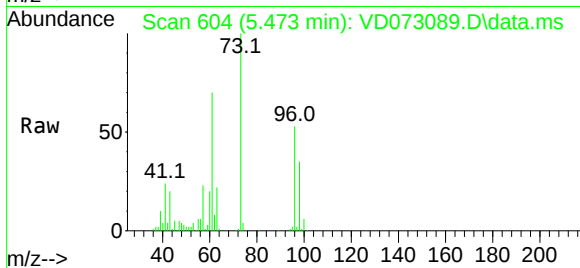
VSTDCCC050

Tgt Ion: 73 Resp: 388408

Ion Ratio Lower Upper

73 100

57 23.0 18.0 27.0



#20

Methylene Chloride

Concen: 41.312 ug/l

RT: 4.962 min Scan# 517

Delta R.T. 0.000 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

Tgt Ion: 84 Resp: 194272

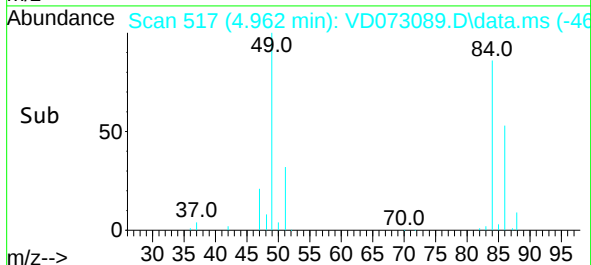
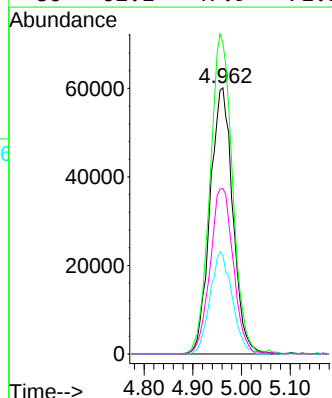
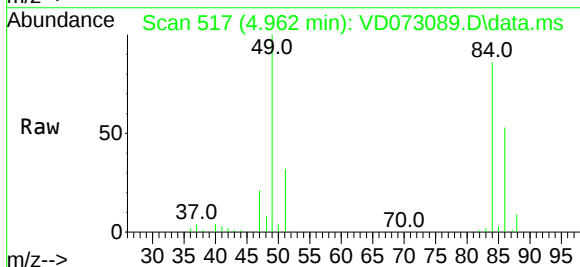
Ion Ratio Lower Upper

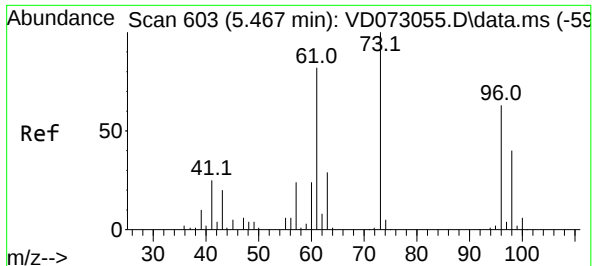
84 100

49 116.8 112.8 169.2

51 37.0 32.6 48.8

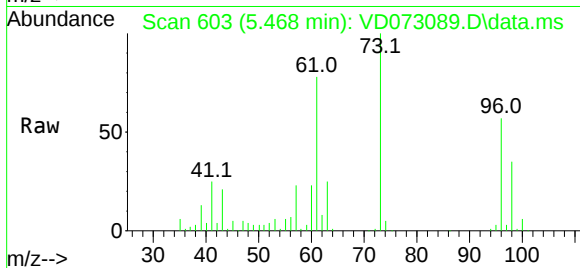
86 62.1 47.9 71.9





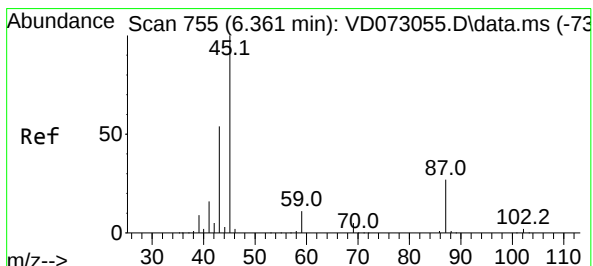
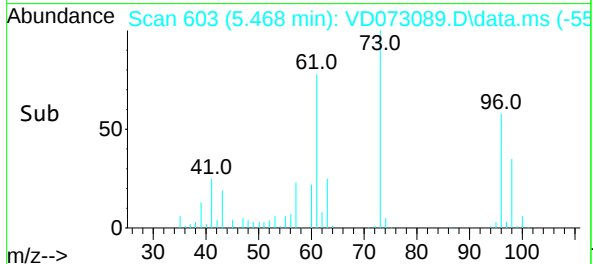
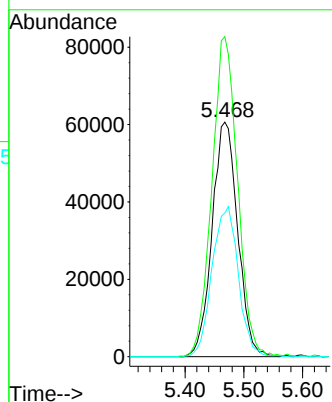
#21
trans-1,2-Dichloroethene
Concen: 46.297 ug/l
RT: 5.468 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 183179

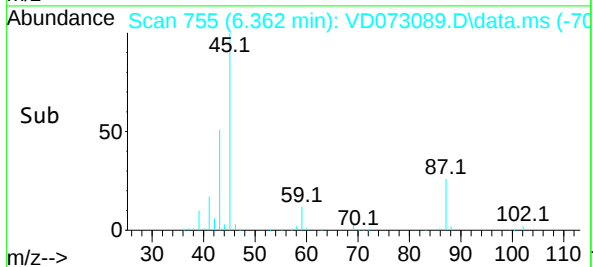
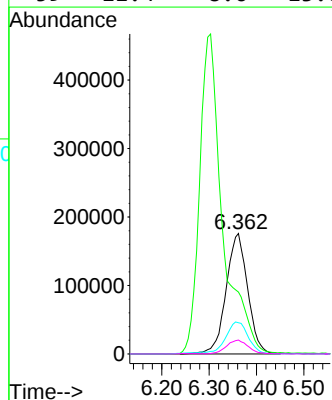
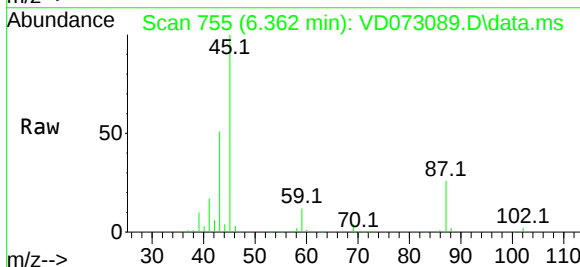
Ion	Ratio	Lower	Upper
96	100		
61	136.5	117.9	176.9
98	60.9	49.4	74.2

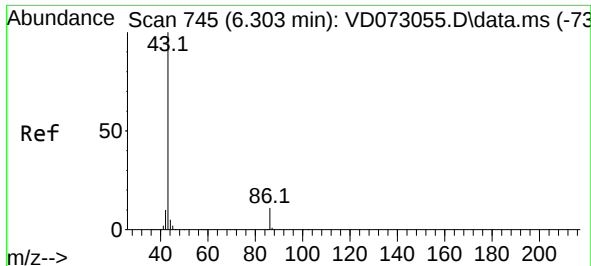


#22
Diisopropyl ether
Concen: 49.162 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 45 Resp: 556079

Ion	Ratio	Lower	Upper
45	100		
43	51.0	46.6	70.0
87	25.8	18.4	27.6
59	11.4	8.6	13.0

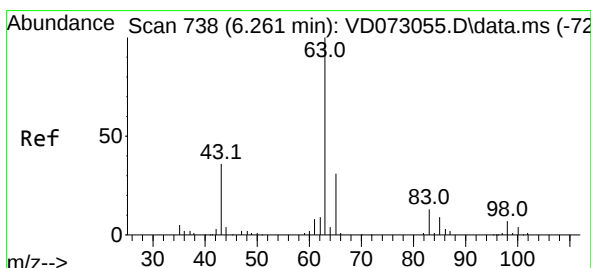
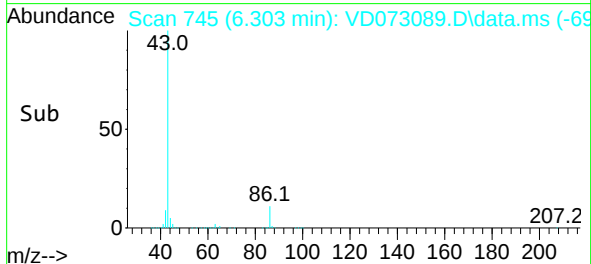
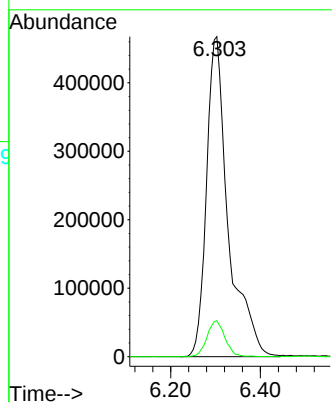
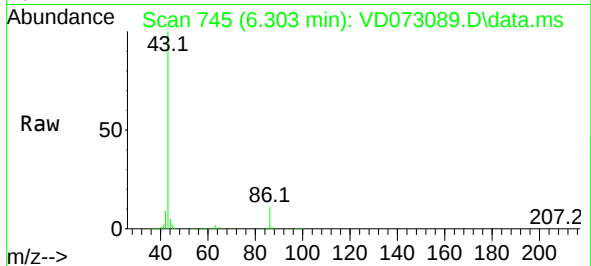




#23
 Vinyl Acetate
 Concen: 257.478 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD073089.D
 Acq: 18 May 2022 10:04

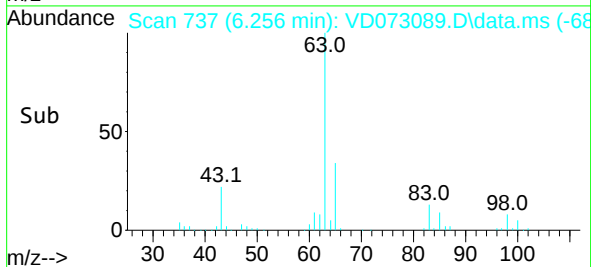
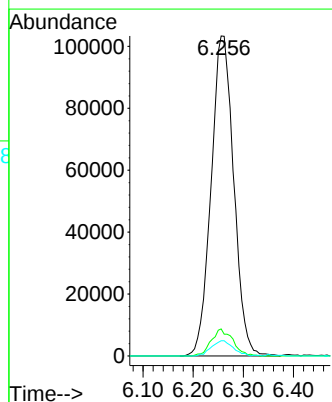
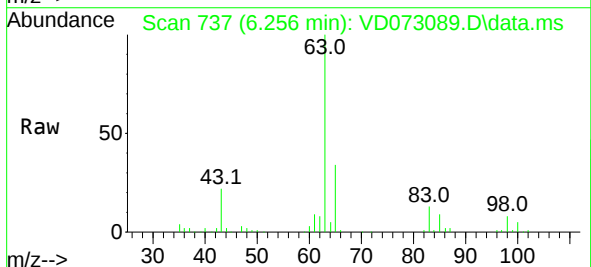
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

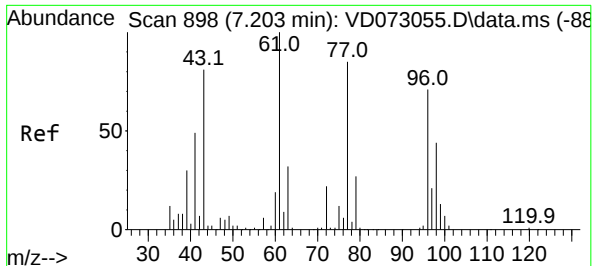
Tgt Ion: 43 Resp: 1573360
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 46.091 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073089.D
 Acq: 18 May 2022 10:04

Tgt Ion: 63 Resp: 324346
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.9
 100 4.8 2.1 6.5

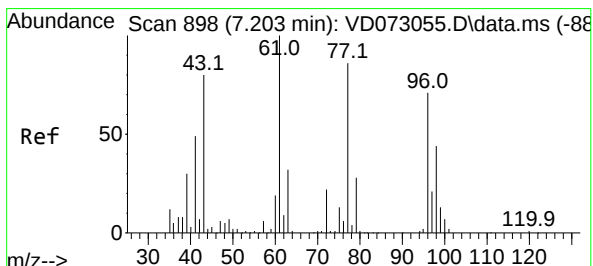
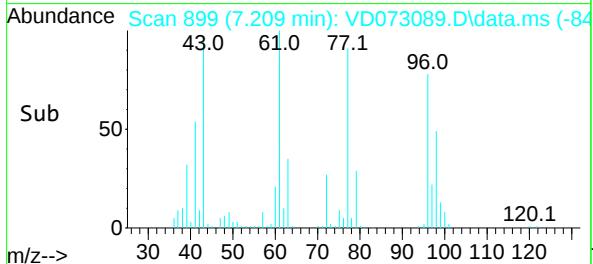
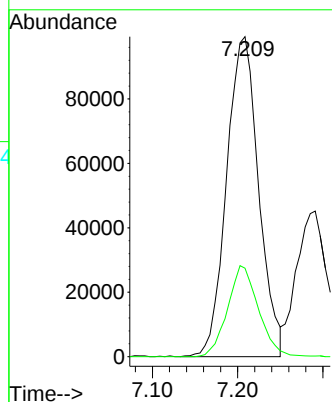
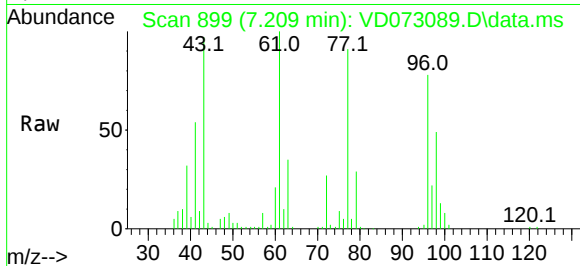




#25
2-Butanone
Concen: 264.754 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

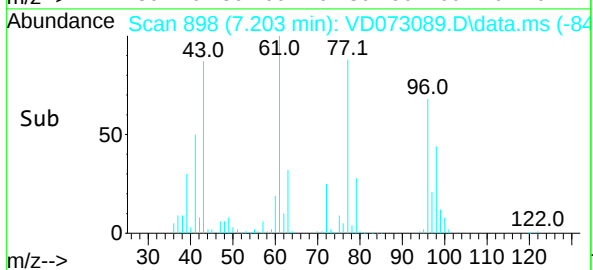
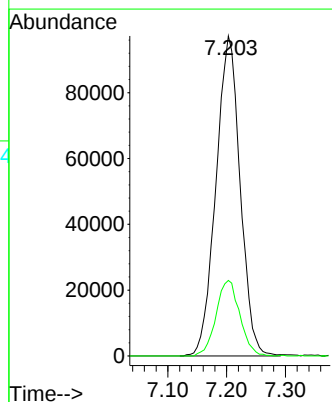
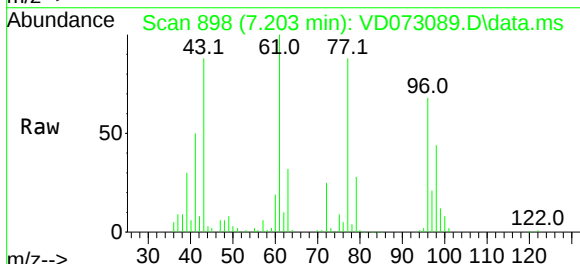
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

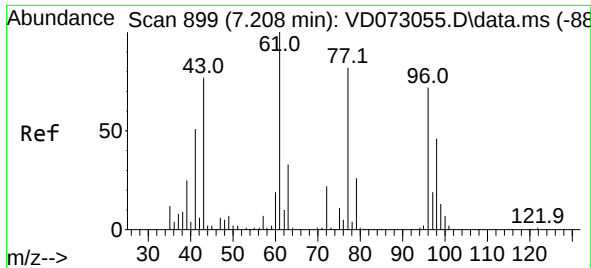
Tgt Ion: 43 Resp: 259752
Ion Ratio Lower Upper
43 100
72 27.6 18.6 27.8



#26
2,2-Dichloropropane
Concen: 46.629 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 77 Resp: 277808
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.4

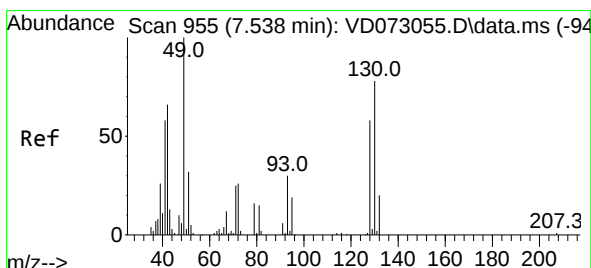
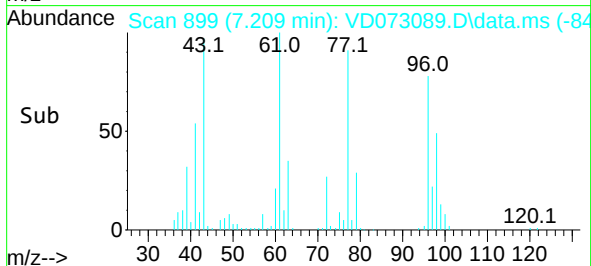
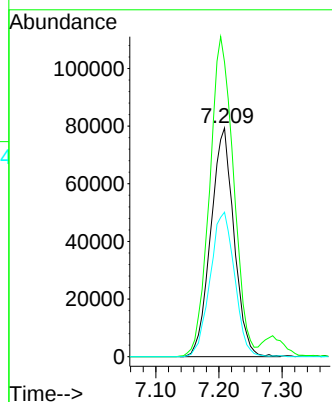
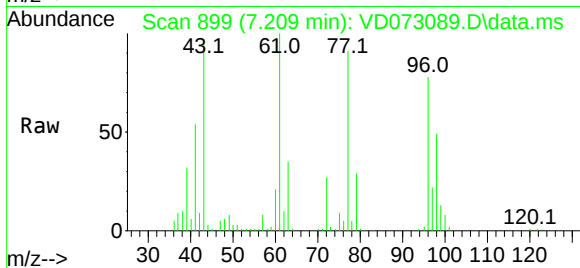




#27
 cis-1,2-Dichloroethene
 Concen: 46.443 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD073089.D
 Acq: 18 May 2022 10:04

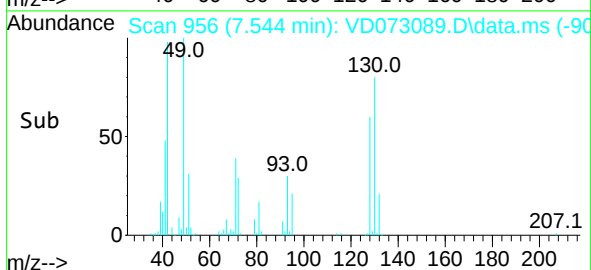
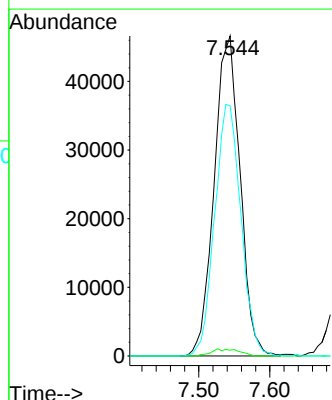
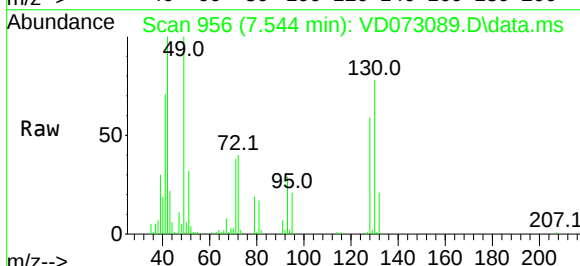
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

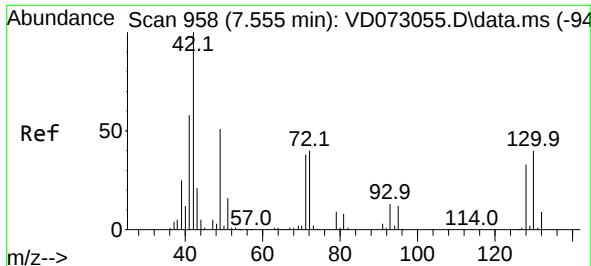
Tgt Ion: 96 Resp: 202641
 Ion Ratio Lower Upper
 96 100
 61 144.4 0.0 313.8
 98 66.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 49.037 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.006 min
 Lab File: VD073089.D
 Acq: 18 May 2022 10:04

Tgt Ion: 49 Resp: 118206
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.0
 130 79.5 52.6 79.0#





#29

Tetrahydrofuran

Concen: 267.070 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

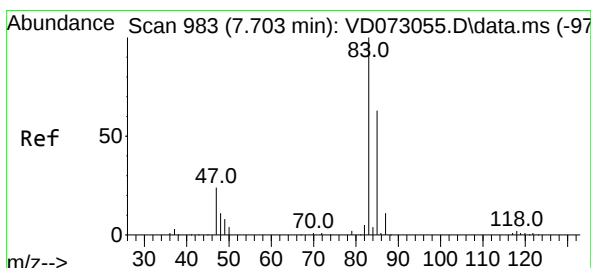
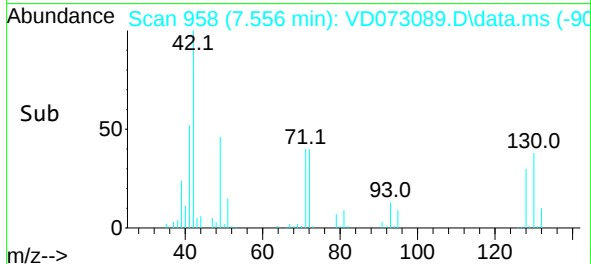
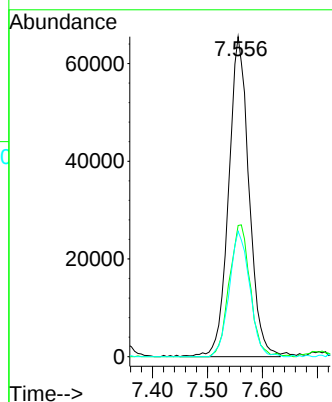
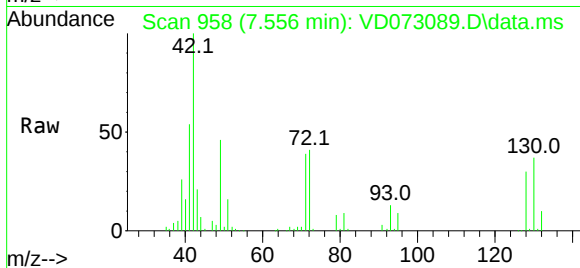
Tgt Ion: 42 Resp: 168605

Ion Ratio Lower Upper

42 100

72 42.5 30.7 46.1

71 39.4 28.6 43.0



#30

Chloroform

Concen: 46.698 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073089.D

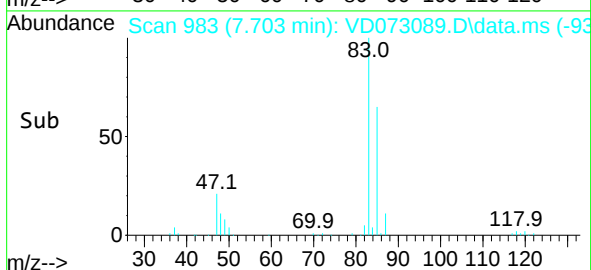
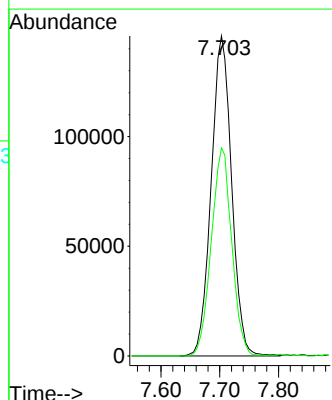
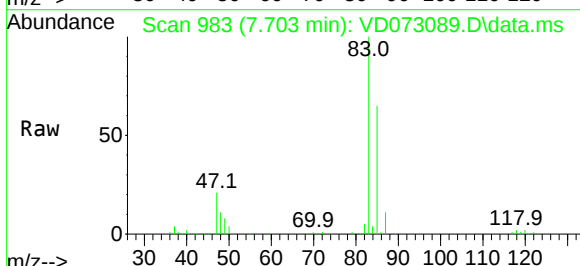
Acq: 18 May 2022 10:04

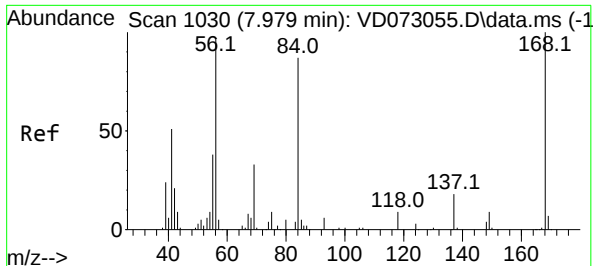
Tgt Ion: 83 Resp: 351611

Ion Ratio Lower Upper

83 100

85 65.0 52.7 79.1





#31

Cyclohexane

Concen: 45.382 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

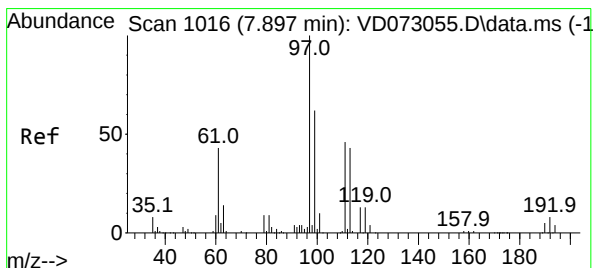
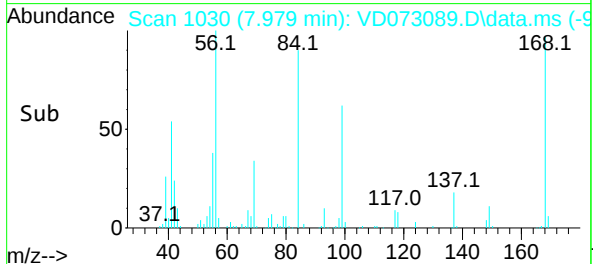
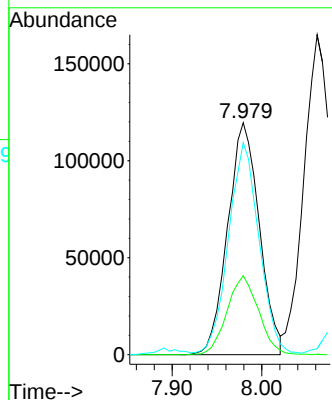
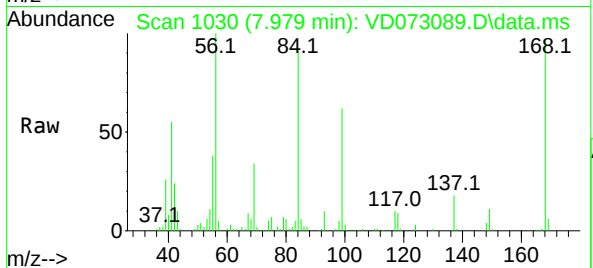
Tgt Ion: 56 Resp: 292674

Ion Ratio Lower Upper

56 100

69 34.1 25.4 38.2

84 90.0 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 46.640 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

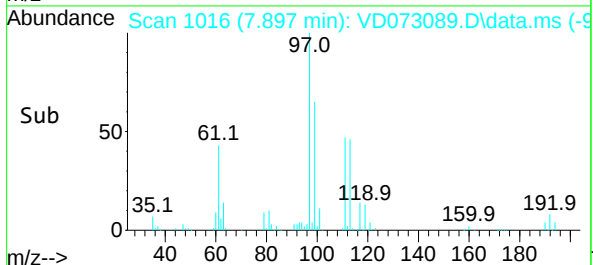
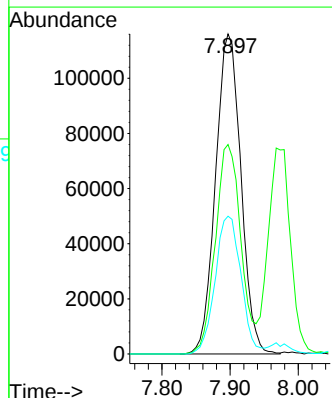
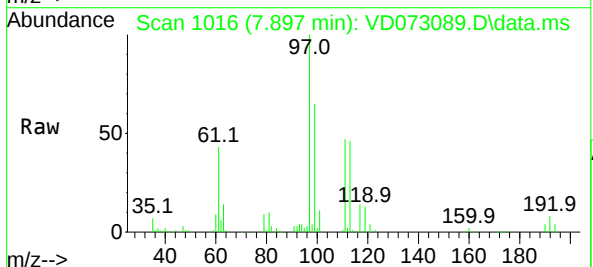
Tgt Ion: 97 Resp: 300863

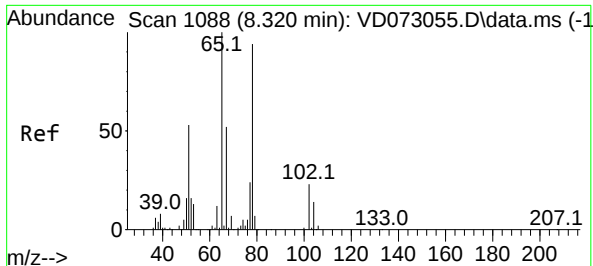
Ion Ratio Lower Upper

97 100

99 66.1 52.4 78.6

61 43.9 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 48.707 ug/l

RT: 8.326 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

Instrument :

MSVOA_D

ClientSampleId :

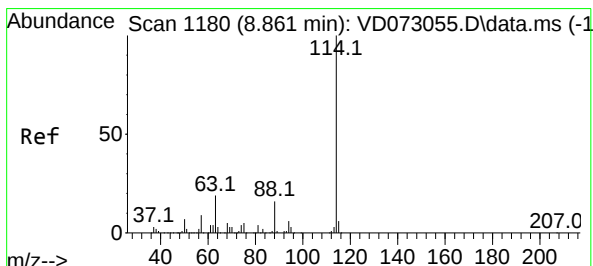
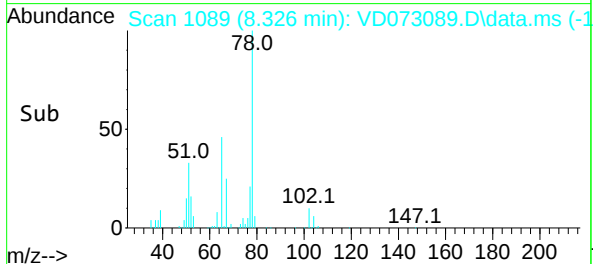
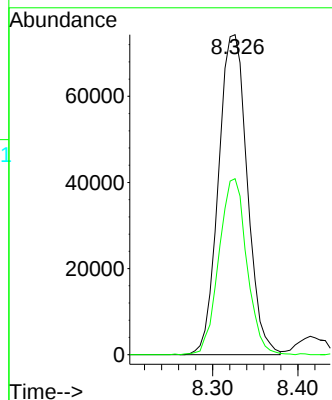
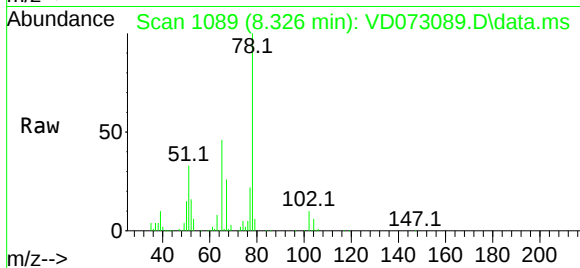
VSTDCCC050

Tgt Ion: 65 Resp: 174386

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

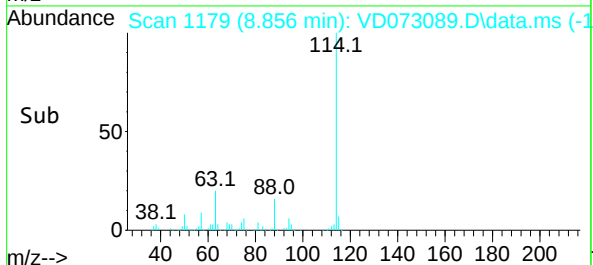
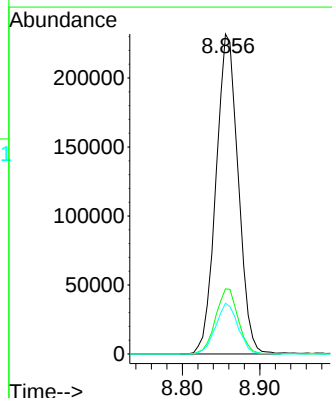
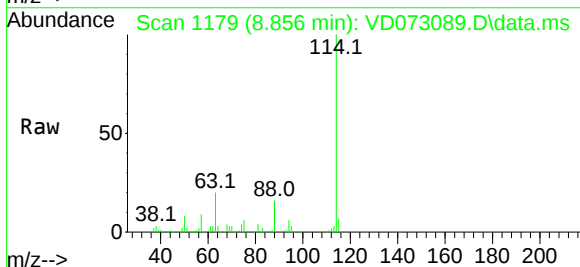
Tgt Ion: 114 Resp: 463166

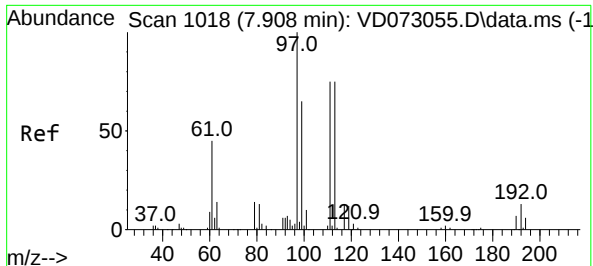
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.912 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

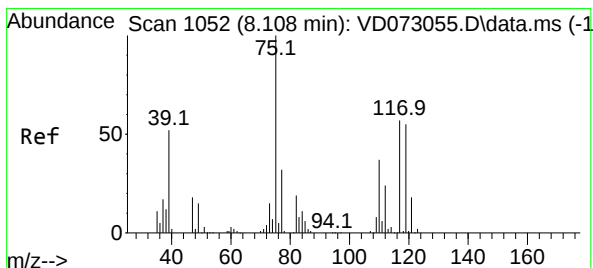
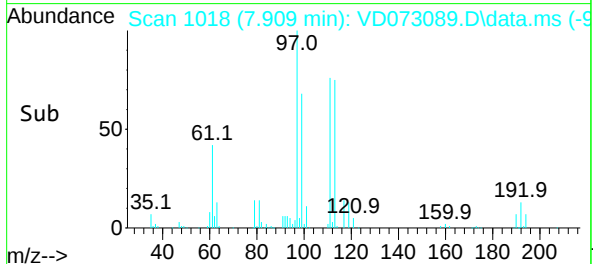
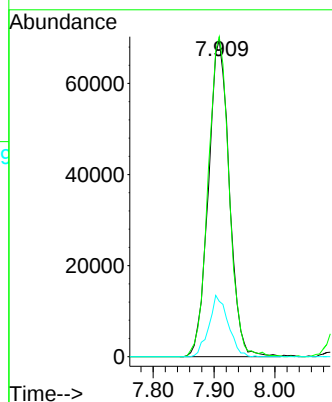
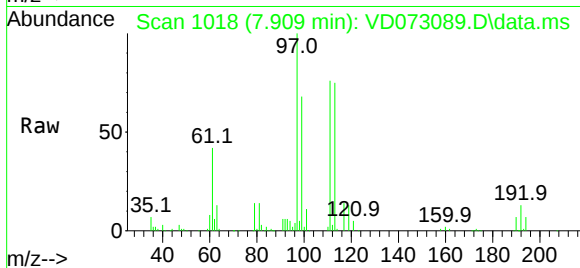
Tgt Ion:113 Resp: 165562

Ion Ratio Lower Upper

113 100

111 101.4 83.8 125.6

192 17.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 48.874 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

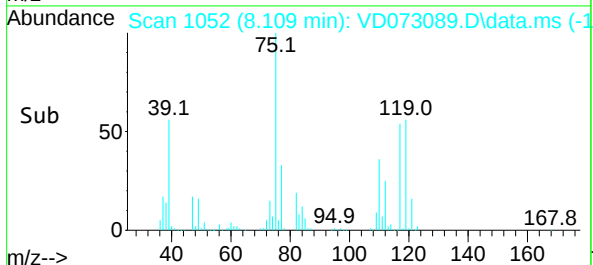
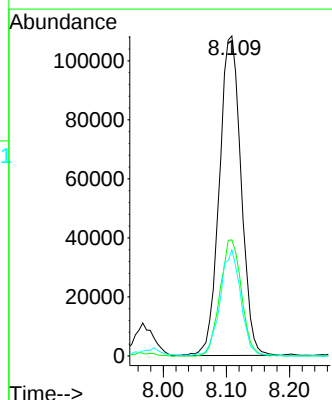
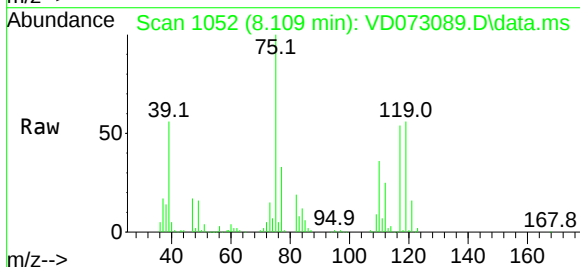
Tgt Ion: 75 Resp: 258971

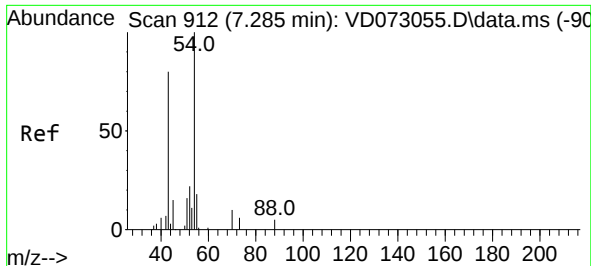
Ion Ratio Lower Upper

75 100

110 35.7 16.4 49.1

77 31.9 24.2 36.2

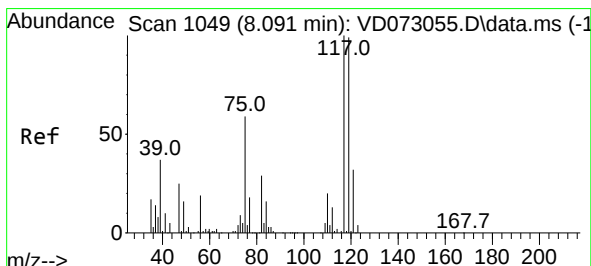
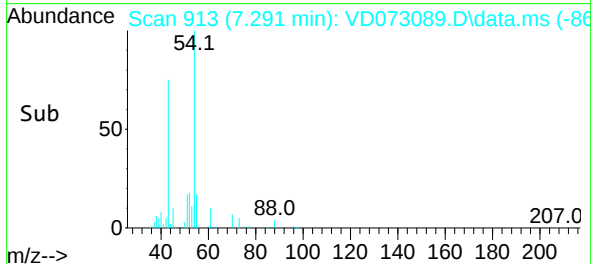
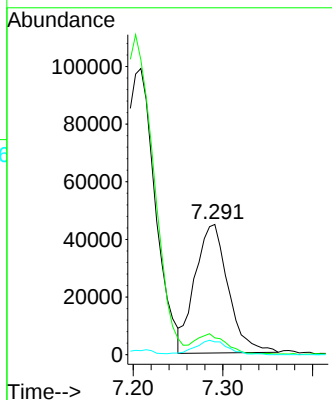
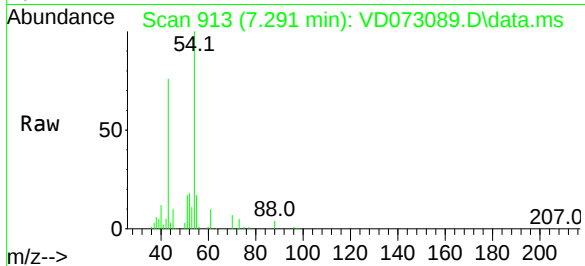




#37
Ethyl Acetate
Concen: 51.517 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

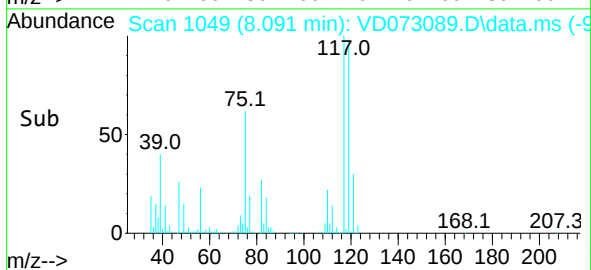
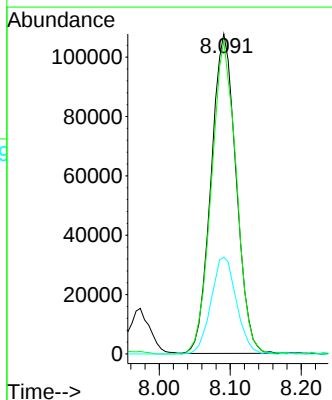
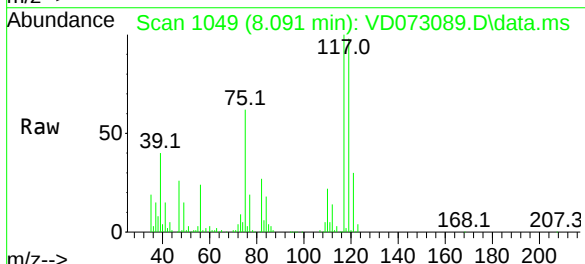
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

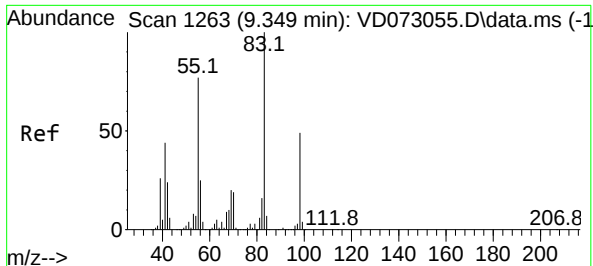
Tgt Ion: 43 Resp: 114641
Ion Ratio Lower Upper
43 100
61 14.0 9.8 14.8
70 11.0 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 48.563 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 117 Resp: 263263
Ion Ratio Lower Upper
117 100
119 97.9 75.8 113.6
121 30.3 24.5 36.7





#39

Methylcyclohexane

Concen: 49.419 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

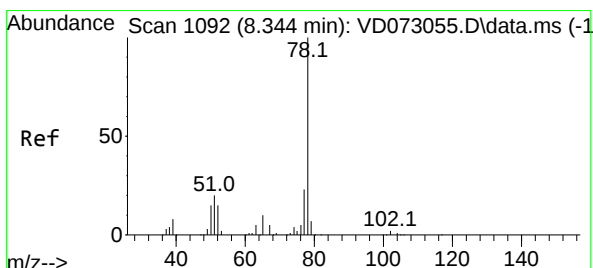
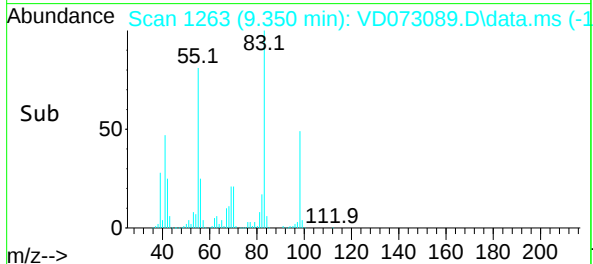
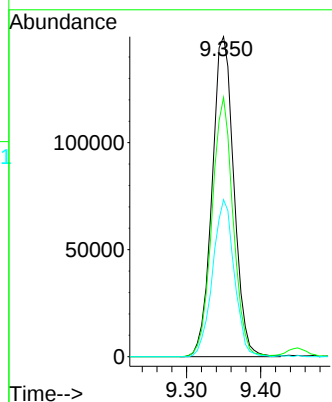
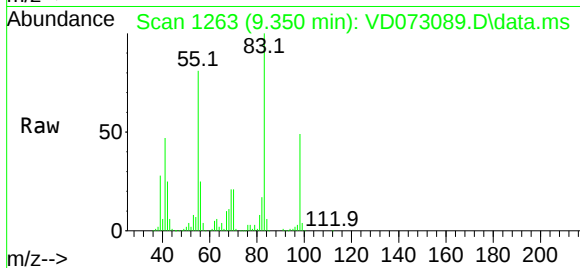
Tgt Ion: 83 Resp: 305344

Ion Ratio Lower Upper

83 100

55 81.0 63.2 94.8

98 49.1 38.2 57.4



#40

Benzene

Concen: 49.358 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073089.D

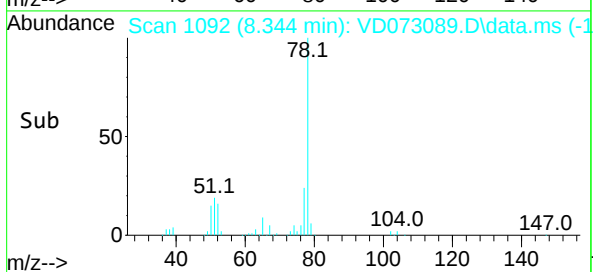
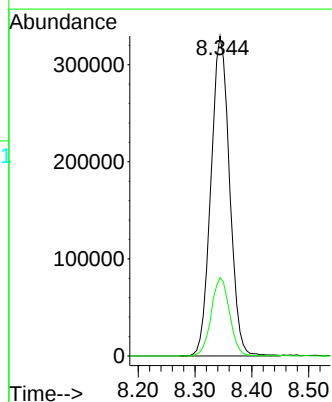
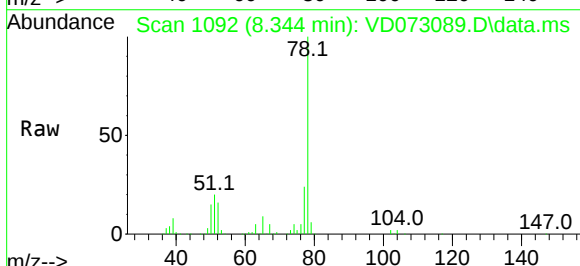
Acq: 18 May 2022 10:04

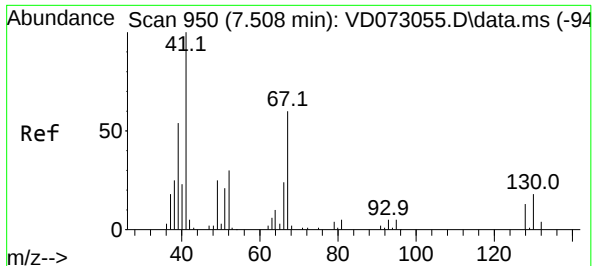
Tgt Ion: 78 Resp: 747825

Ion Ratio Lower Upper

78 100

77 24.5 19.1 28.7

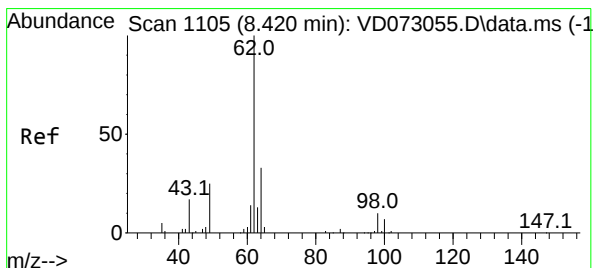
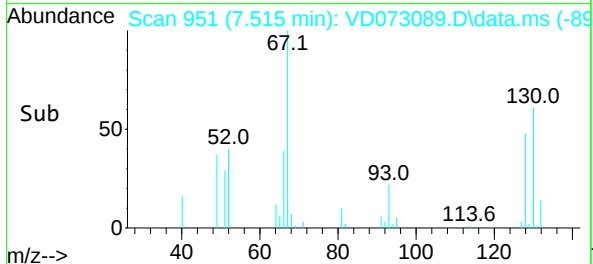
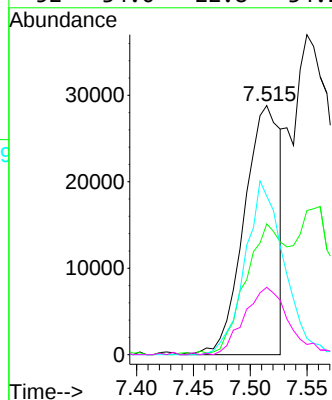
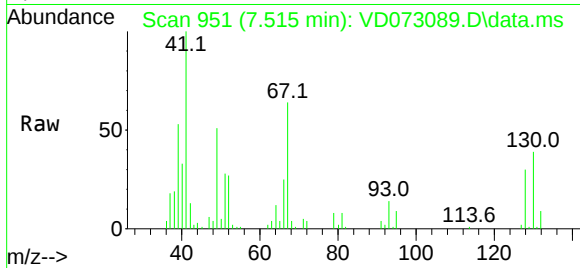




#41
Methacrylonitrile
Concen: 50.426 ug/l
RT: 7.515 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

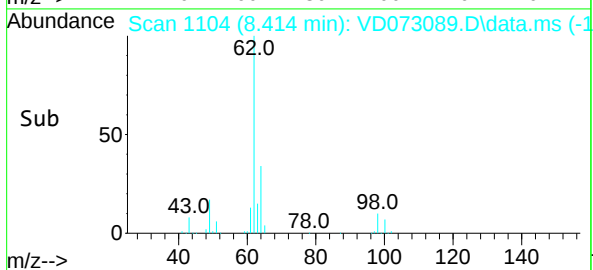
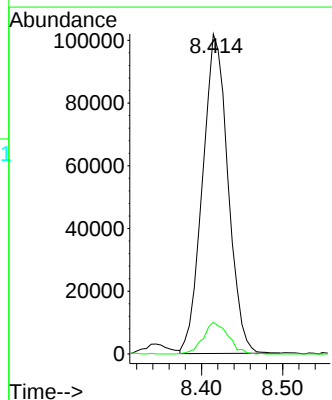
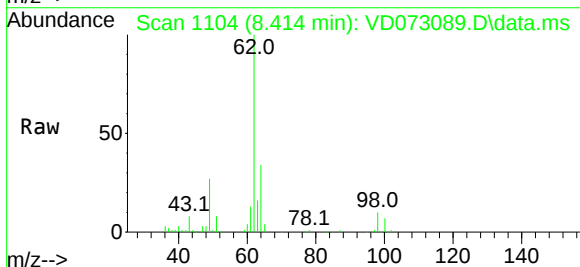
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

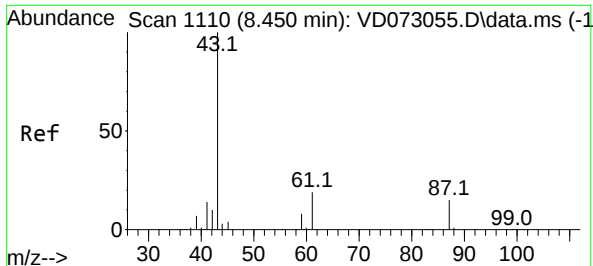
Tgt Ion: 41	Resp: 63276
Ion Ratio	Lower Upper
41 100	
39 57.9	44.6 67.0
67 76.0	48.2 72.4#
52 34.0	22.8 34.2



#42
1,2-Dichloroethane
Concen: 50.283 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 62	Resp: 221747
Ion Ratio	Lower Upper
62 100	
98 9.7	0.0 17.6





#43

Isopropyl Acetate

Concen: 52.440 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

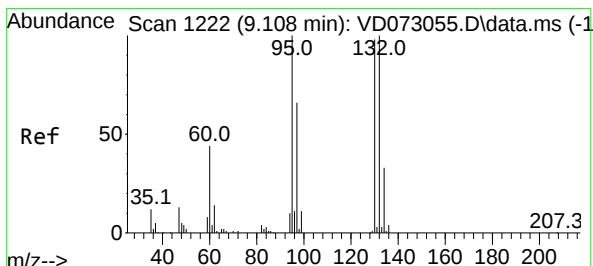
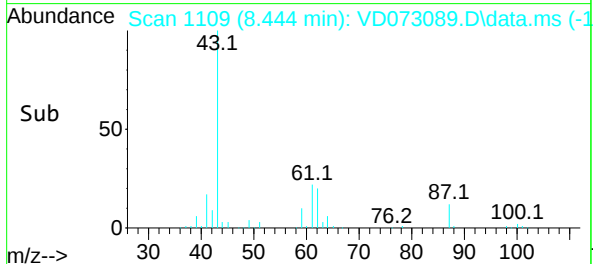
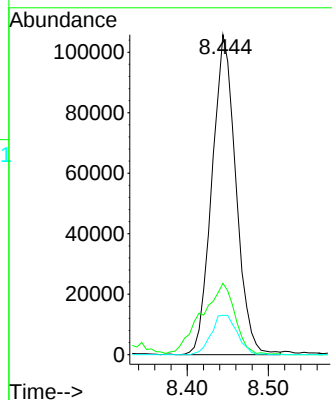
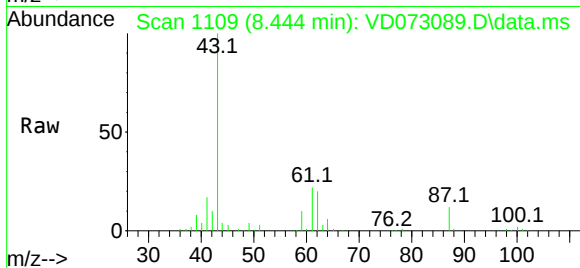
Tgt Ion: 43 Resp: 216962

Ion Ratio Lower Upper

43 100

61 31.5 22.4 33.6

87 13.3 8.7 13.1#



#44

Trichloroethene

Concen: 48.014 ug/l

RT: 9.109 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD073089.D

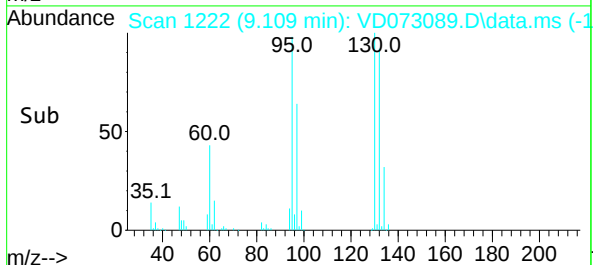
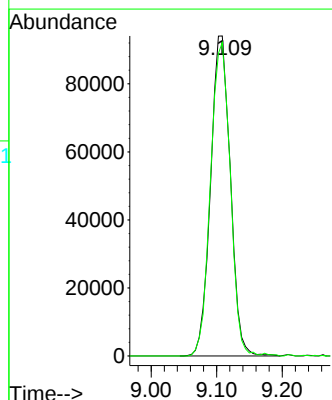
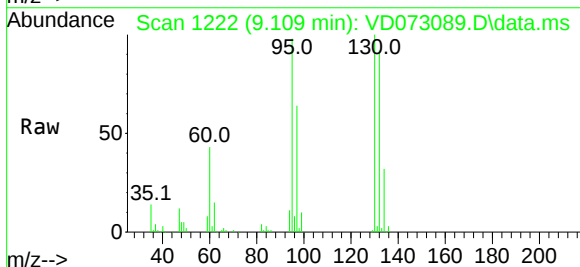
Acq: 18 May 2022 10:04

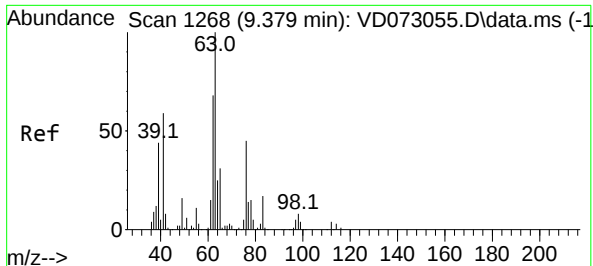
Tgt Ion:130 Resp: 196767

Ion Ratio Lower Upper

130 100

95 97.9 0.0 205.4





#45

1,2-Dichloropropane

Concen: 48.625 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

Instrument :

MSVOA_D

ClientSampleId :

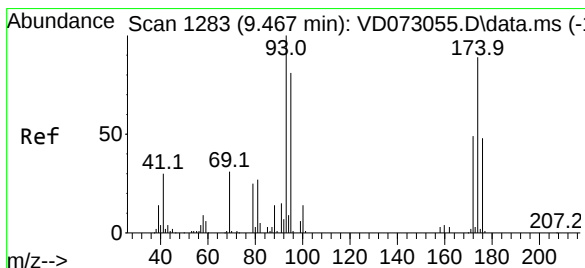
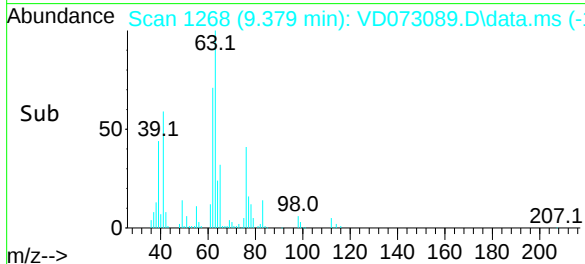
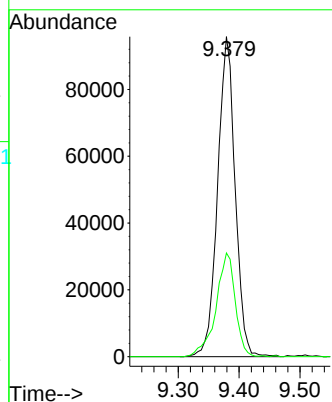
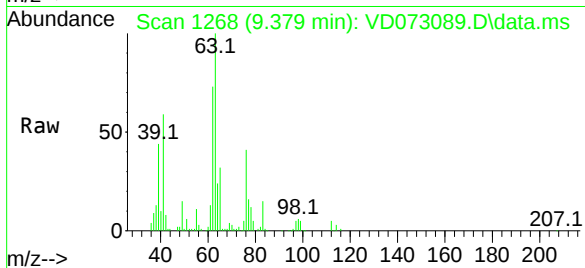
VSTDCCC050

Tgt Ion: 63 Resp: 191318

Ion Ratio Lower Upper

63 100

65 32.4 26.2 39.4



#46

Dibromomethane

Concen: 51.498 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

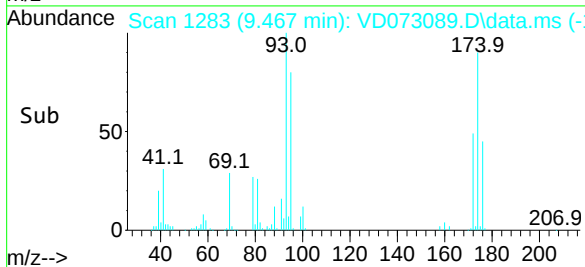
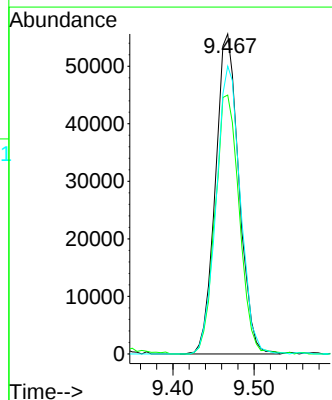
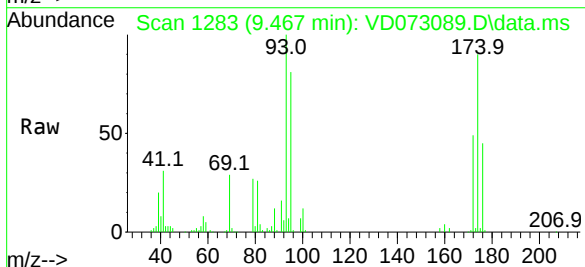
Tgt Ion: 93 Resp: 112040

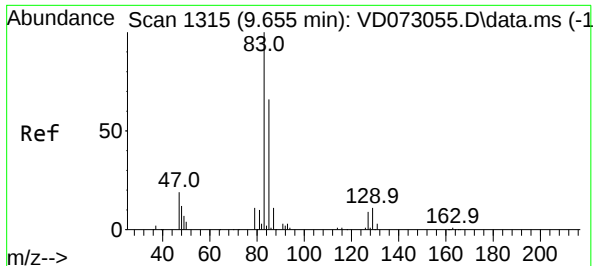
Ion Ratio Lower Upper

93 100

95 83.1 66.7 100.1

174 92.1 71.6 107.4





#47

Bromodichloromethane

Concen: 48.989 ug/l

RT: 9.656 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

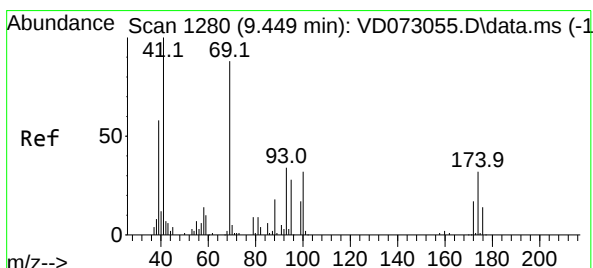
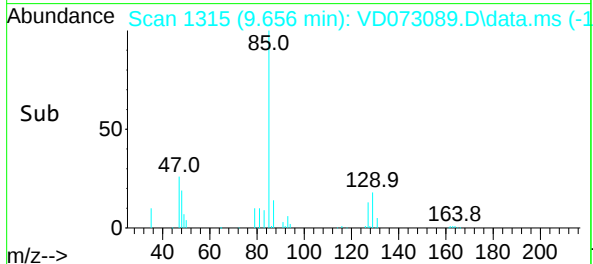
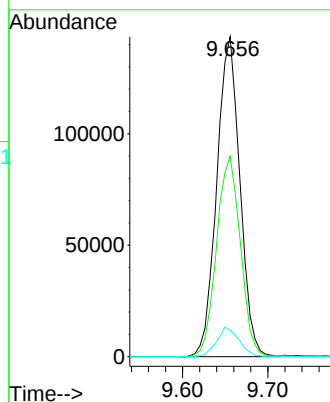
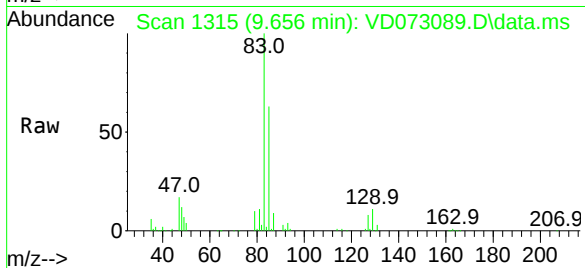
Tgt Ion: 83 Resp: 270697

Ion Ratio Lower Upper

83 100

85 62.7 51.4 77.0

127 8.3 6.1 9.1



#48

Methyl methacrylate

Concen: 54.951 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

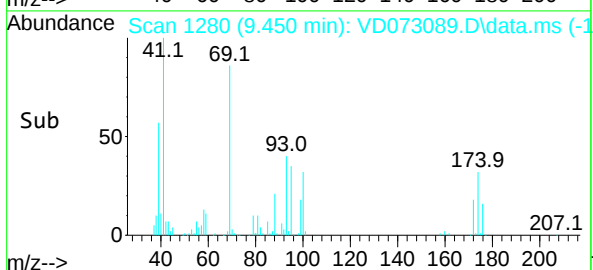
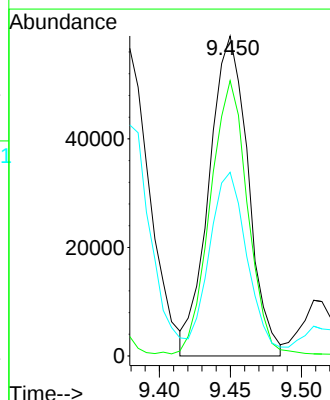
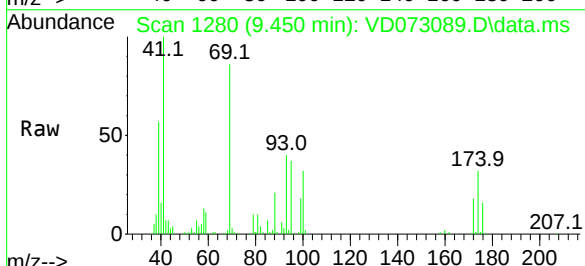
Tgt Ion: 41 Resp: 112770

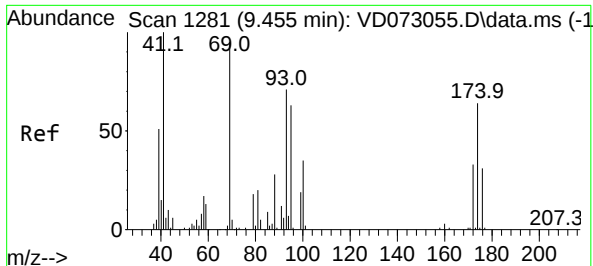
Ion Ratio Lower Upper

41 100

69 83.5 56.7 85.1

39 50.2 42.7 64.1





#49

1,4-Dioxane

Concen: 1091.840 ug/l

RT: 9.450 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

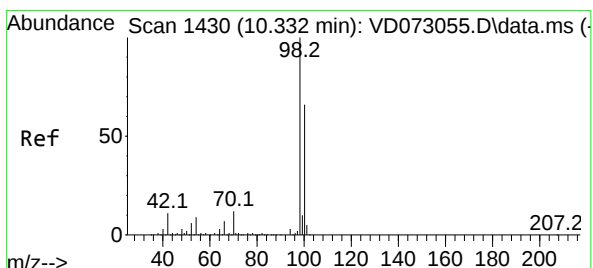
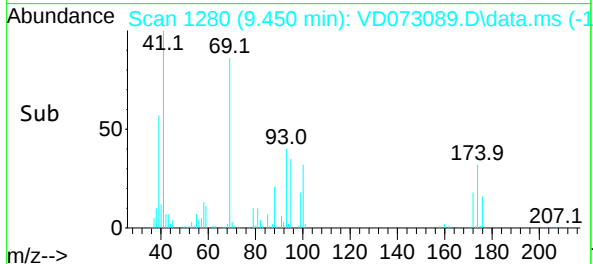
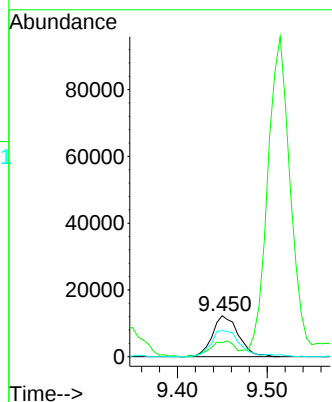
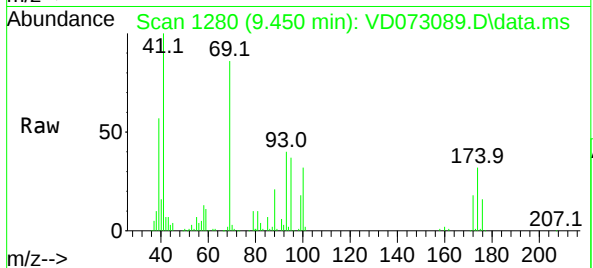
Tgt Ion: 88 Resp: 24731

Ion Ratio Lower Upper

88 100

43 35.6 31.0 46.4

58 69.3 58.1 87.1



#50

Toluene-d8

Concen: 50.710 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073089.D

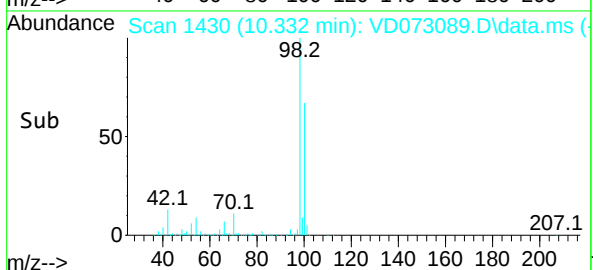
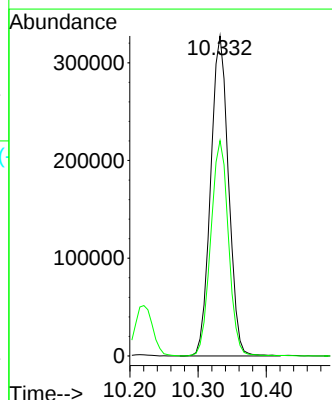
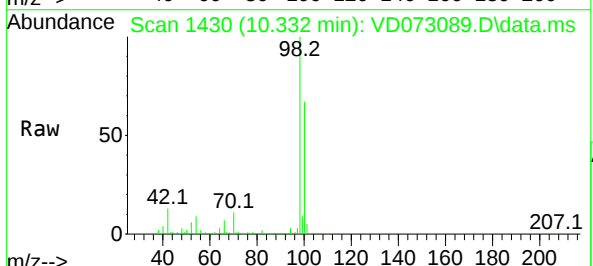
Acq: 18 May 2022 10:04

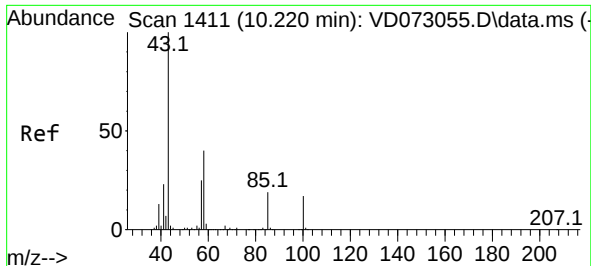
Tgt Ion: 98 Resp: 598250

Ion Ratio Lower Upper

98 100

100 66.8 52.4 78.6

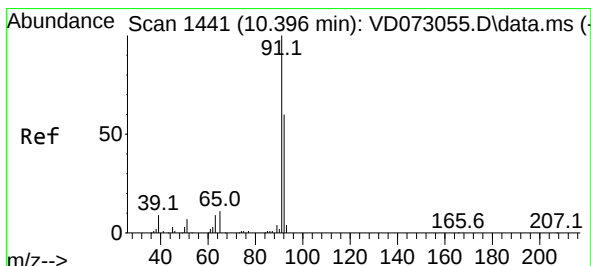
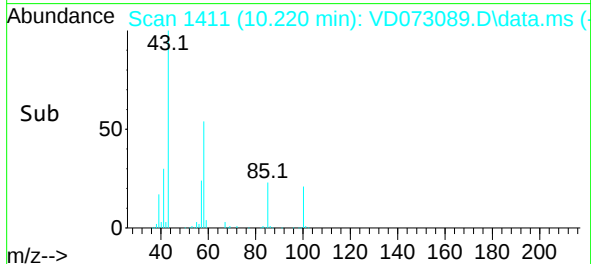
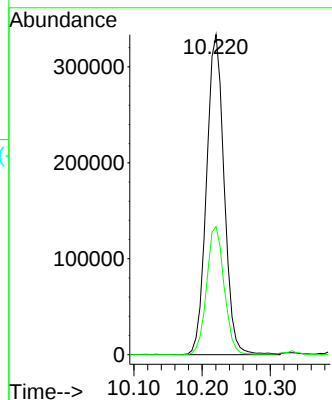
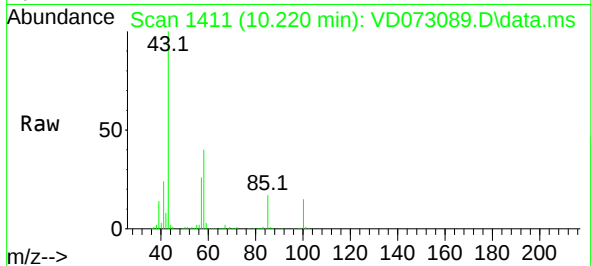




#51
4-Methyl-2-Pentanone
Concen: 278.051 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

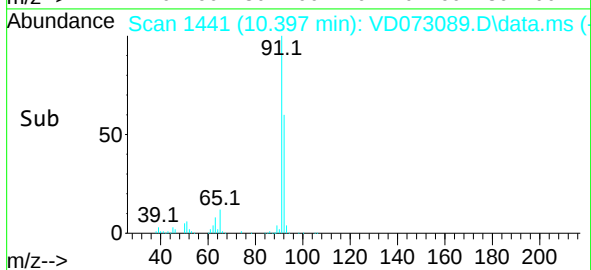
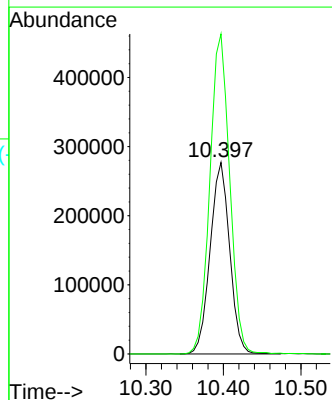
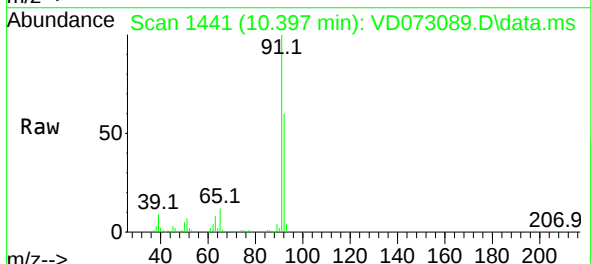
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

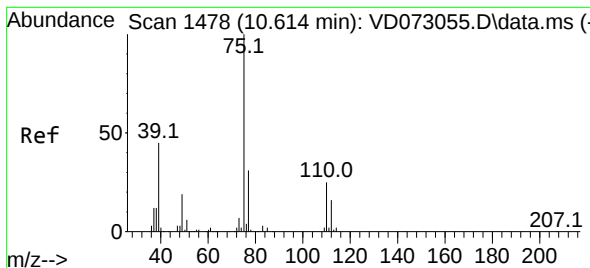
Tgt Ion: 43 Resp: 600339
Ion Ratio Lower Upper
43 100
58 39.8 28.6 43.0



#52
Toluene
Concen: 50.347 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 92 Resp: 484289
Ion Ratio Lower Upper
92 100
91 169.9 139.6 209.4

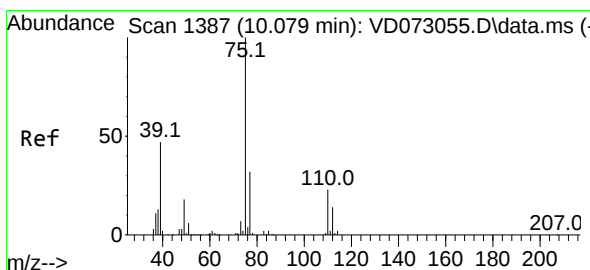
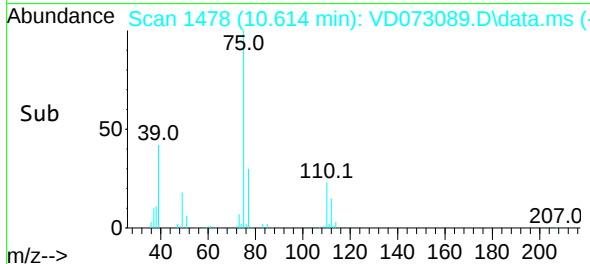
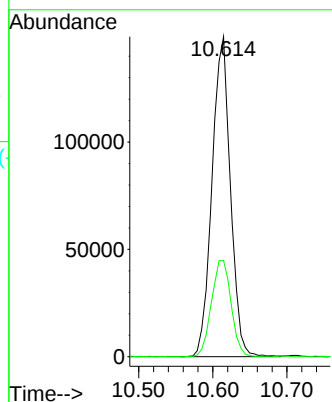
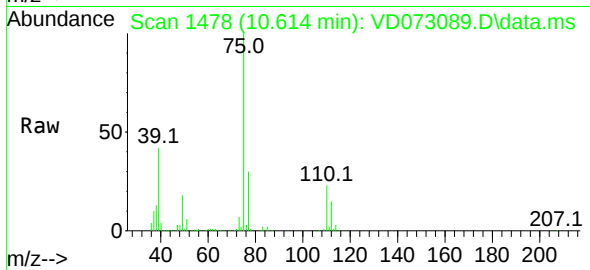




#53
t-1,3-Dichloropropene
Concen: 51.018 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

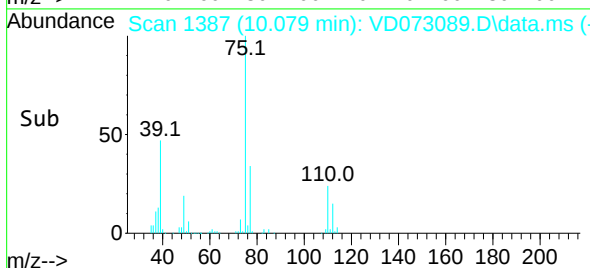
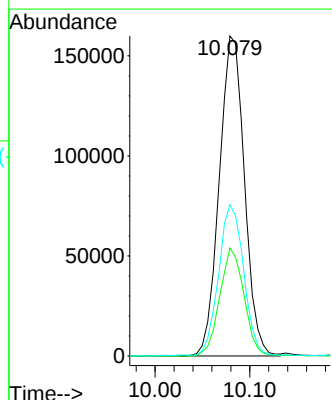
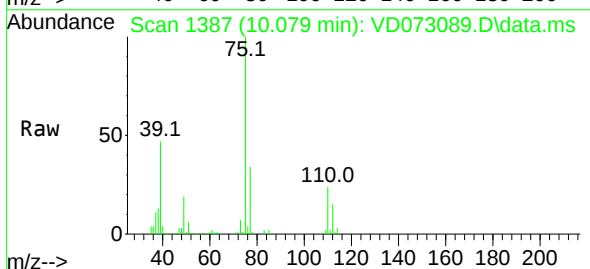
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

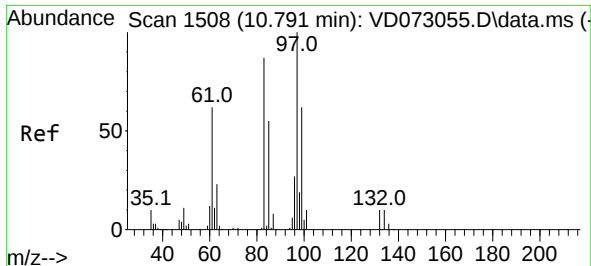
Tgt Ion: 75 Resp: 257111
Ion Ratio Lower Upper
75 100
77 30.0 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 49.770 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 75 Resp: 295729
Ion Ratio Lower Upper
75 100
77 33.7 24.8 37.2
39 47.0 46.8 70.2

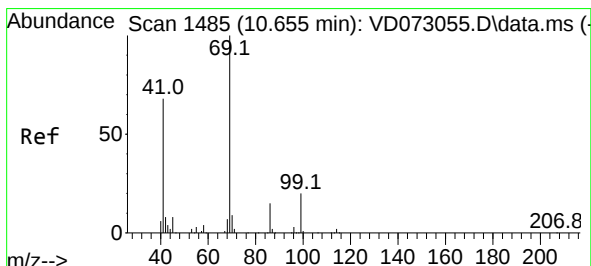
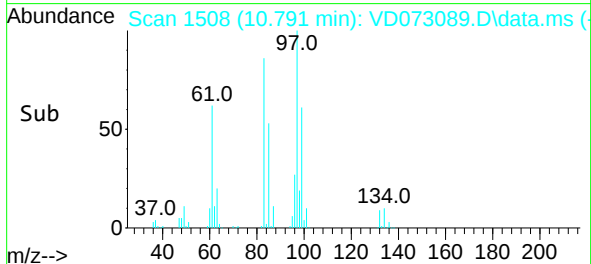
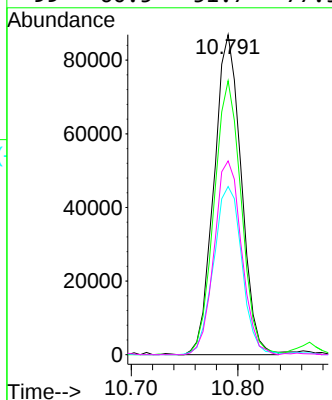
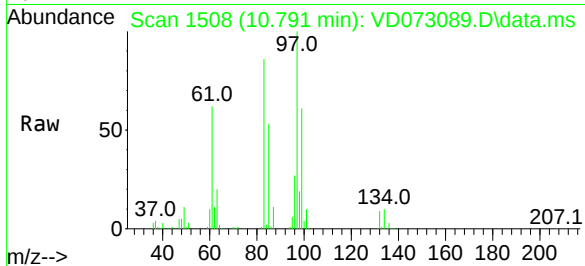




#55
1,1,2-Trichloroethane
Concen: 51.847 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

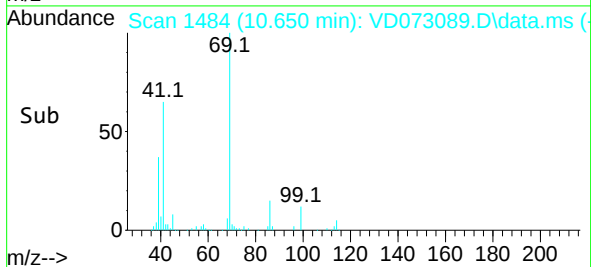
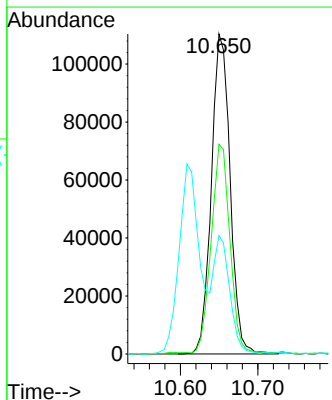
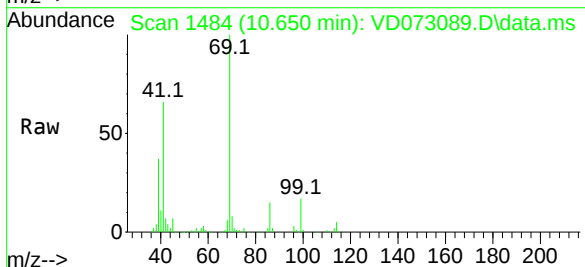
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

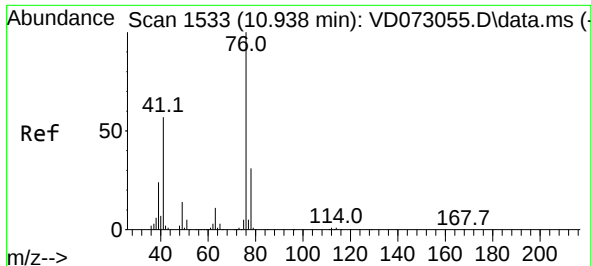
Tgt Ion:	97	Resp:	153963
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.0	103.4
85	52.6	42.6	63.8
99	60.5	51.7	77.5



#56
Ethyl methacrylate
Concen: 55.228 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion:	69	Resp:	185480
Ion	Ratio	Lower	Upper
69	100		
41	64.6	63.0	94.6
39	30.8	33.8	50.8





#57

1,3-Dichloropropane

Concen: 51.187 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

Instrument :

MSVOA_D

ClientSampleId :

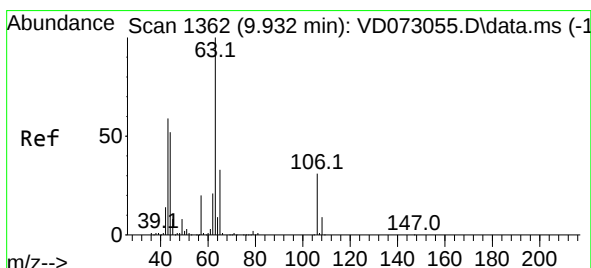
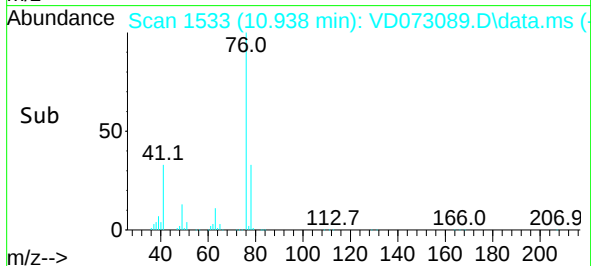
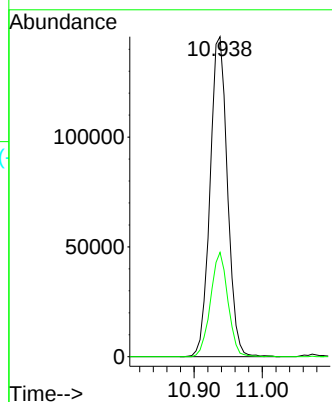
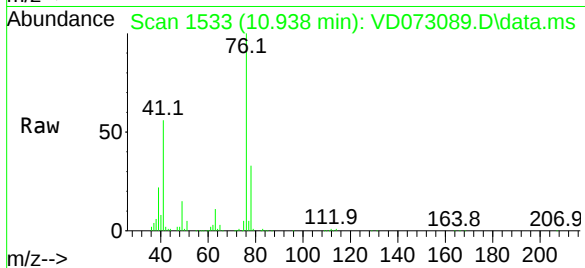
VSTDCCC050

Tgt Ion: 76 Resp: 258641

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 244.168 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073089.D

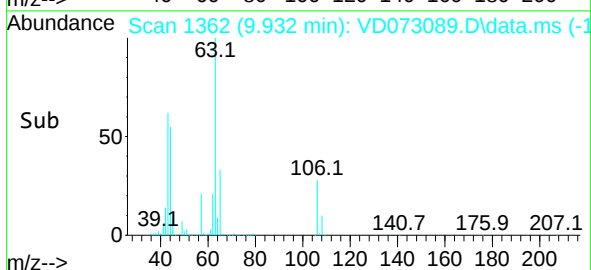
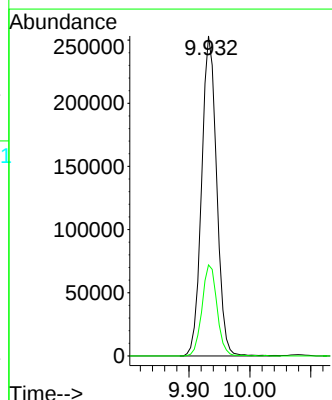
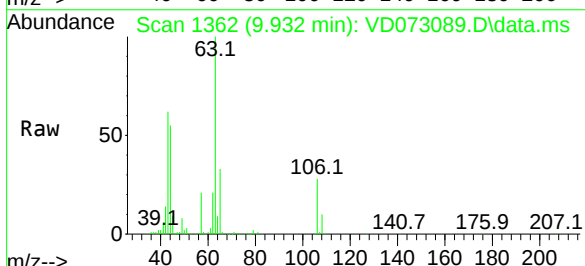
Acq: 18 May 2022 10:04

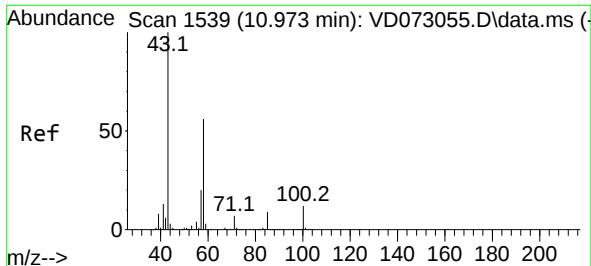
Tgt Ion: 63 Resp: 435648

Ion Ratio Lower Upper

63 100

106 28.3 21.4 32.0

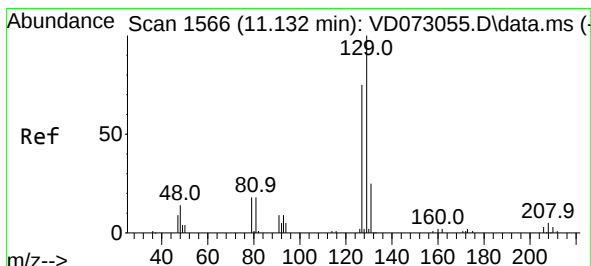
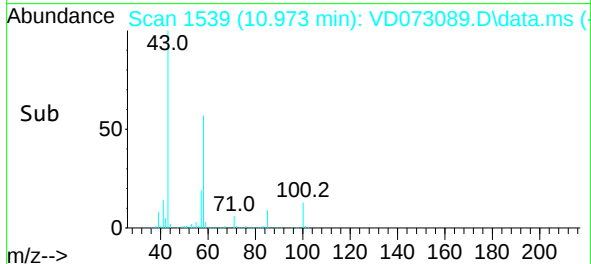
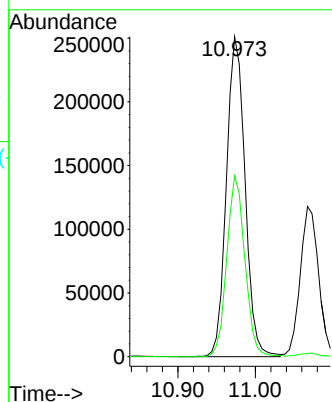
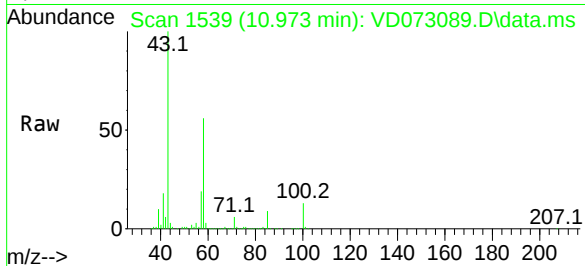




#59
2-Hexanone
Concen: 294.916 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

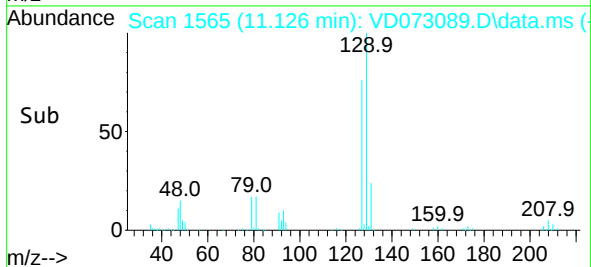
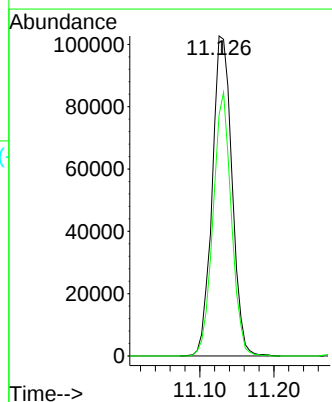
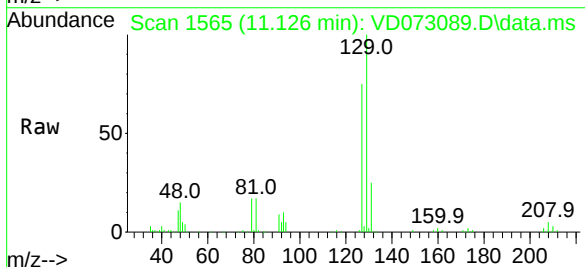
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

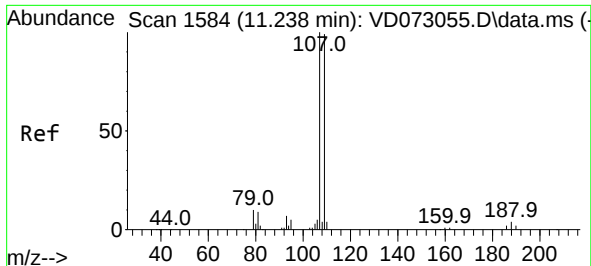
Tgt Ion: 43 Resp: 420635
Ion Ratio Lower Upper
43 100
58 54.9 25.3 75.9



#60
Dibromochloromethane
Concen: 51.676 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 129 Resp: 190650
Ion Ratio Lower Upper
129 100
127 75.9 39.2 117.6

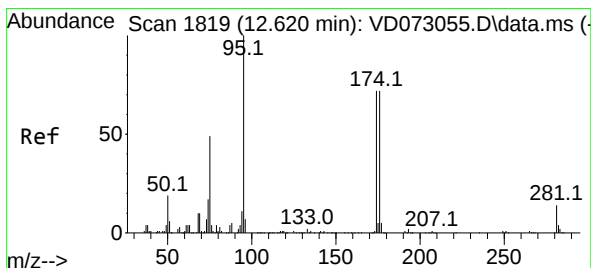
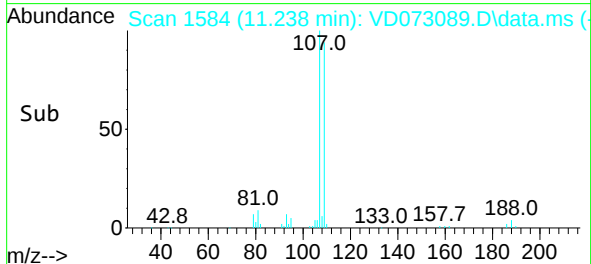
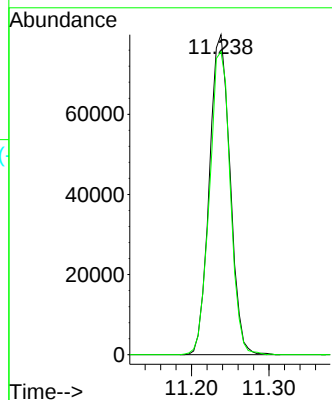
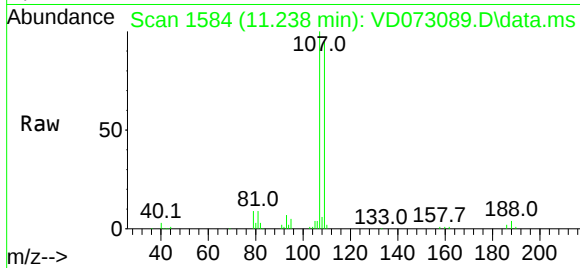




#61
1,2-Dibromoethane
Concen: 51.829 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

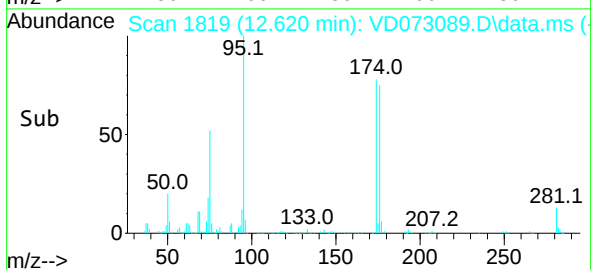
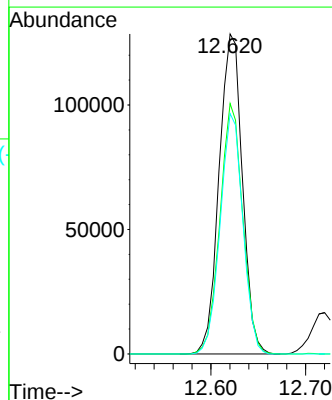
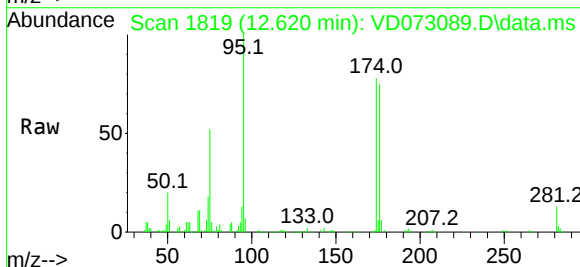
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

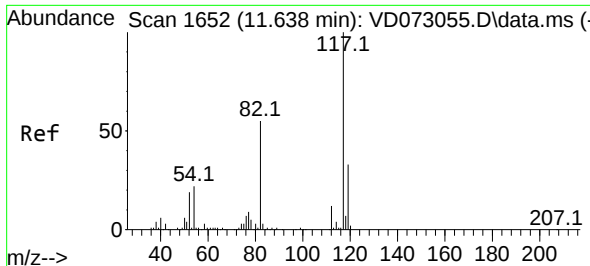
Tgt Ion:107 Resp: 148103
Ion Ratio Lower Upper
107 100
109 95.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 51.303 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 95 Resp: 219216
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 73.1 0.0 145.4

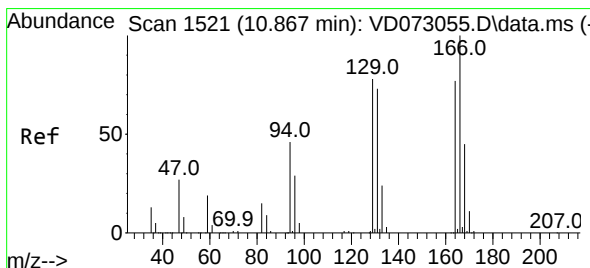
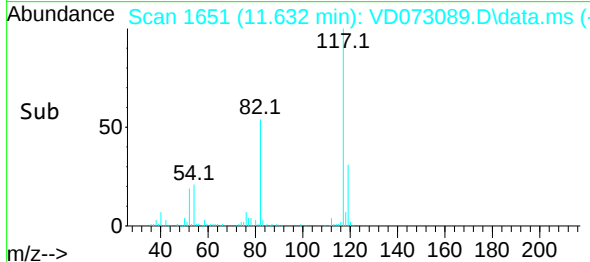
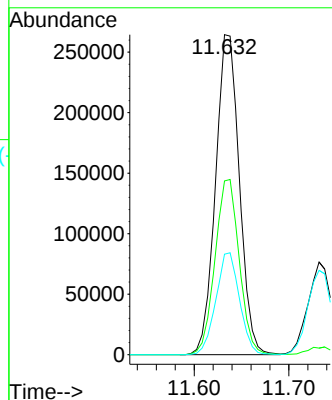
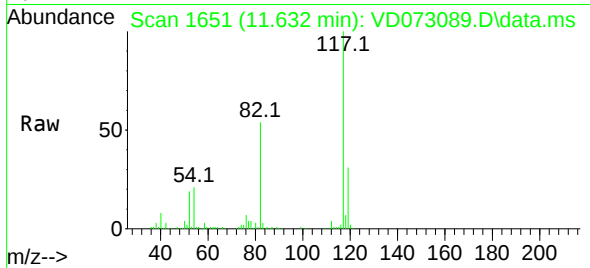




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

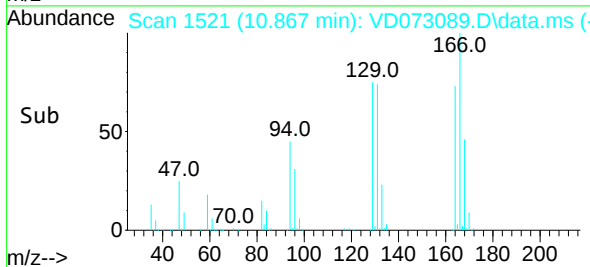
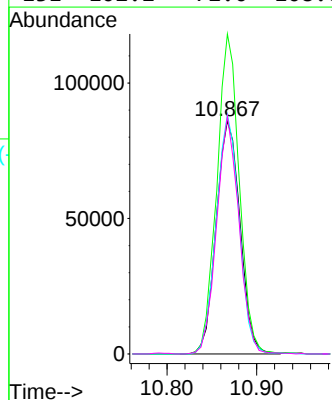
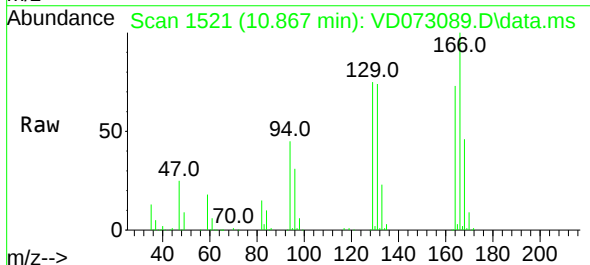
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

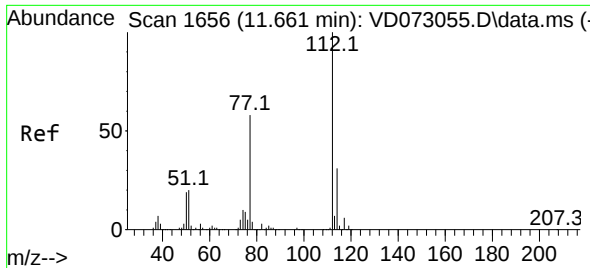
Tgt Ion:117 Resp: 462966
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 31.4 26.6 40.0



#64
Tetrachloroethene
Concen: 46.796 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion:164 Resp: 158726
Ion Ratio Lower Upper
164 100
166 137.3 98.5 147.7
129 102.9 74.6 111.8
131 102.2 72.0 108.0

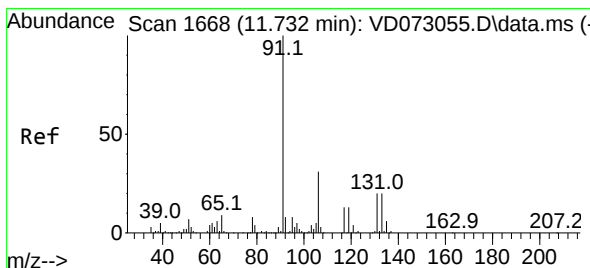
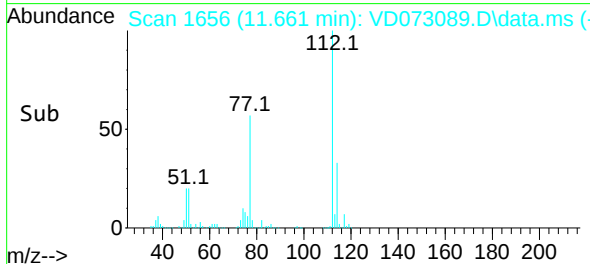
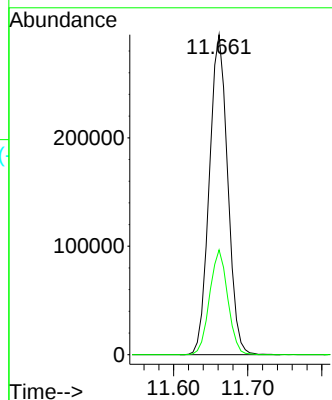
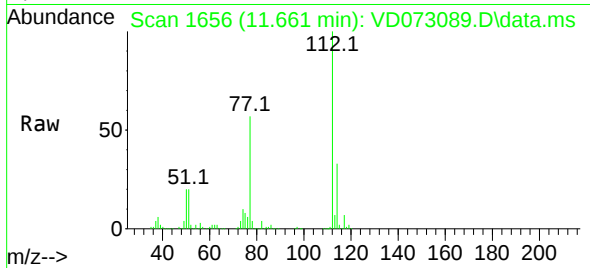




#65
Chlorobenzene
Concen: 48.409 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

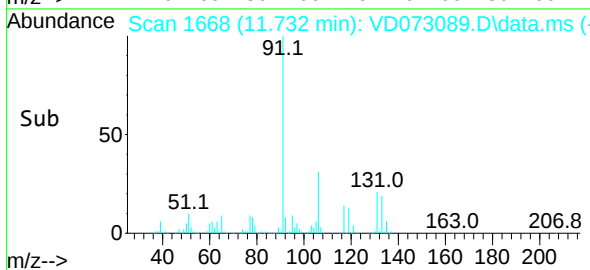
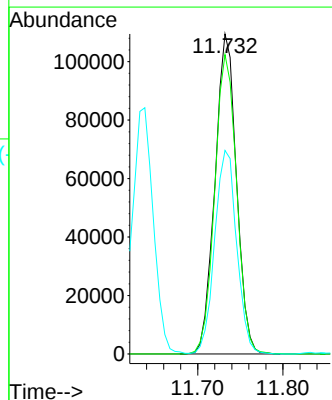
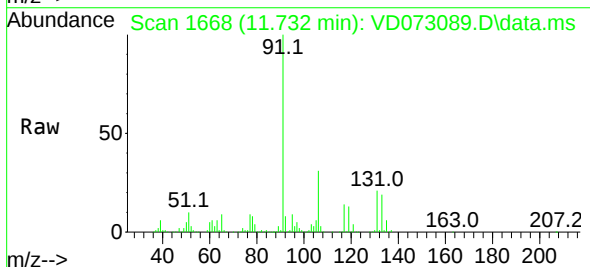
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

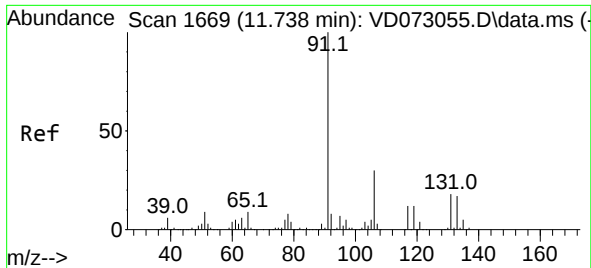
Tgt Ion:112 Resp: 508168
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.825 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion:131 Resp: 191777
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.3
119 65.2 31.9 95.9

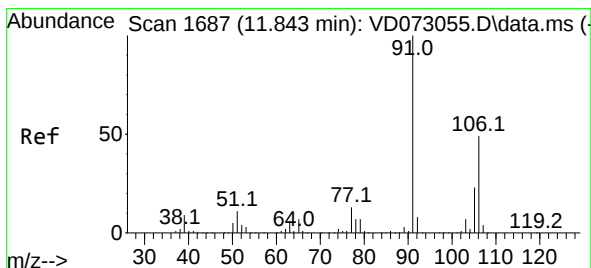
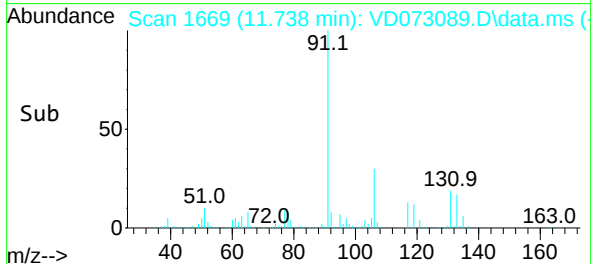
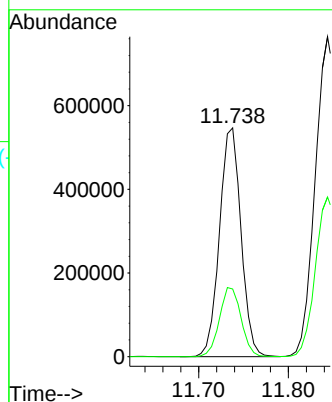
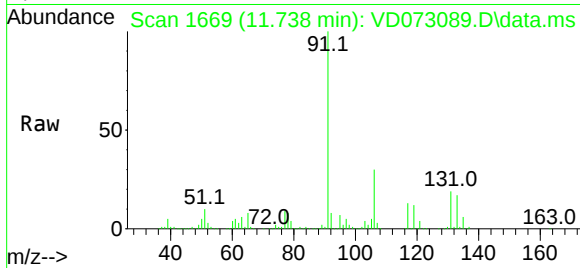




#67
Ethyl Benzene
Concen: 49.832 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

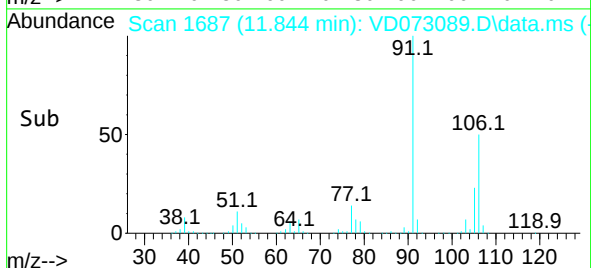
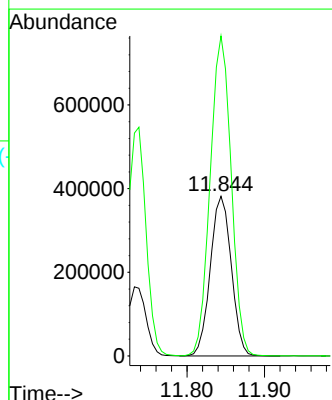
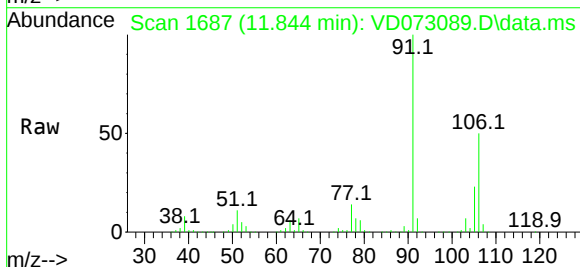
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

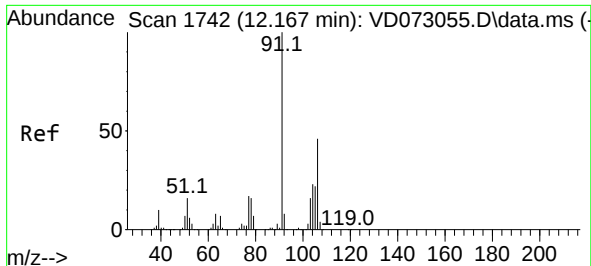
Tgt Ion: 91 Resp: 910817
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.4



#68
m/p-Xylenes
Concen: 101.246 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 106 Resp: 717214
Ion Ratio Lower Upper
106 100
91 201.4 163.7 245.5

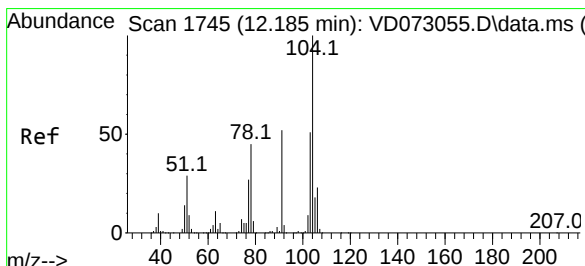
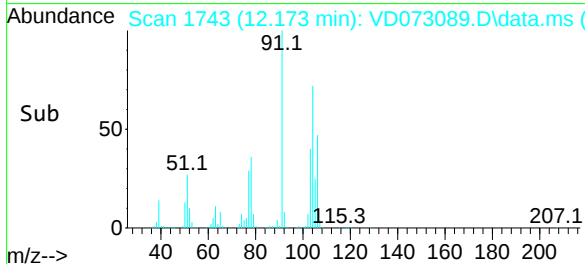
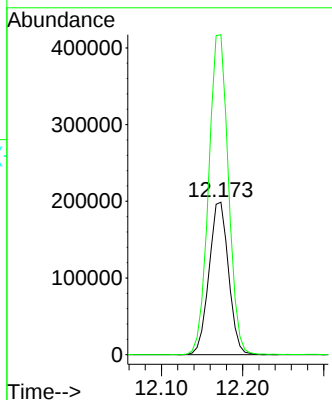
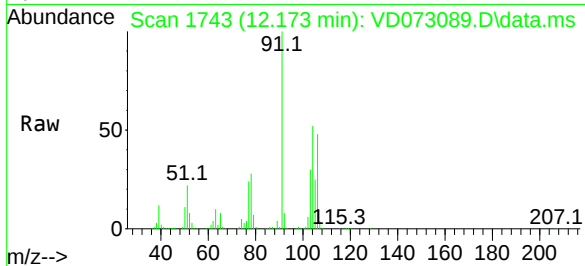




#69
o-Xylene
Concen: 50.815 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

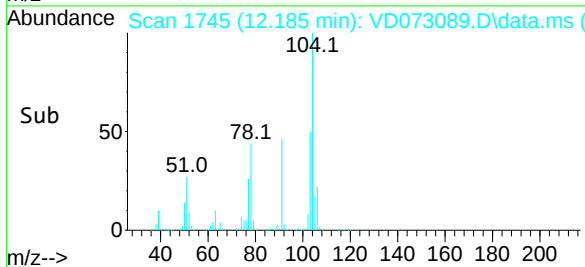
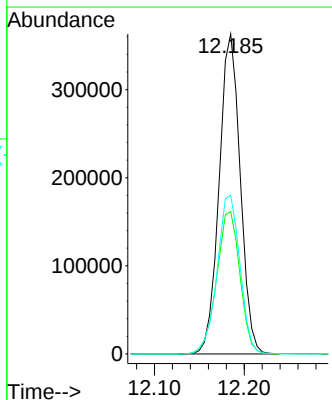
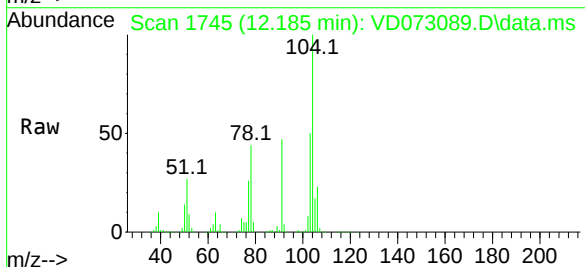
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

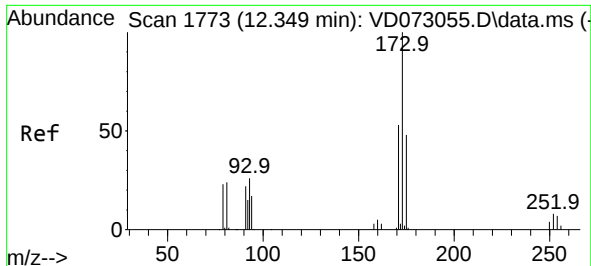
Tgt Ion:106 Resp: 331956
Ion Ratio Lower Upper
106 100
91 212.6 110.4 331.2



#70
Styrene
Concen: 51.988 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion:104 Resp: 593188
Ion Ratio Lower Upper
104 100
78 49.1 41.8 62.8
103 53.8 44.2 66.4

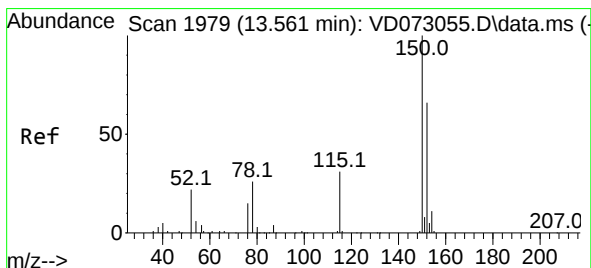
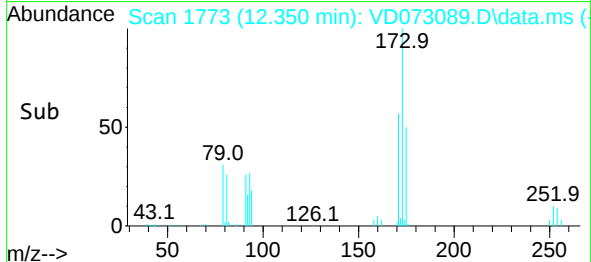
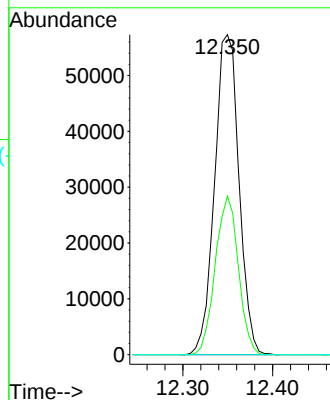
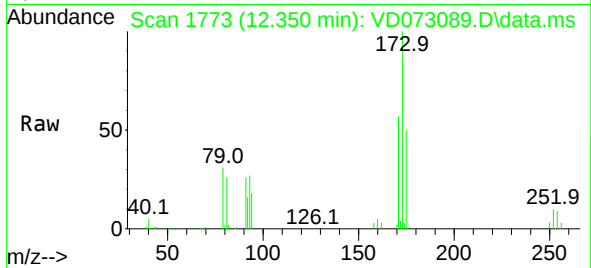




#71
Bromoform
Concen: 51.220 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

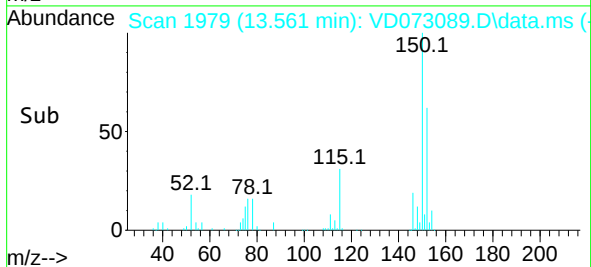
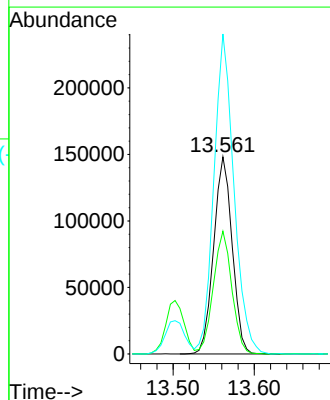
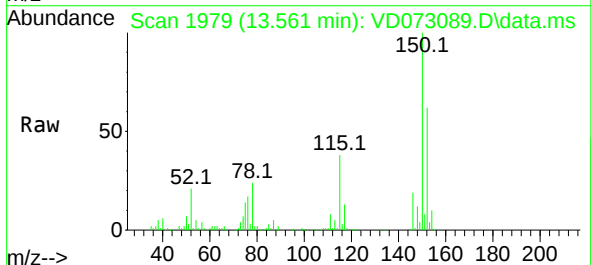
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

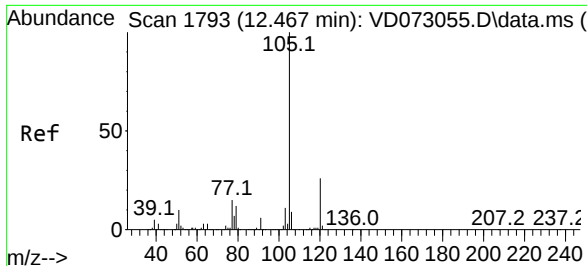
Tgt Ion:173 Resp: 108140
Ion Ratio Lower Upper
173 100
175 46.9 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion:152 Resp: 234881
Ion Ratio Lower Upper
152 100
115 62.5 31.3 93.8
150 175.8 0.0 348.6

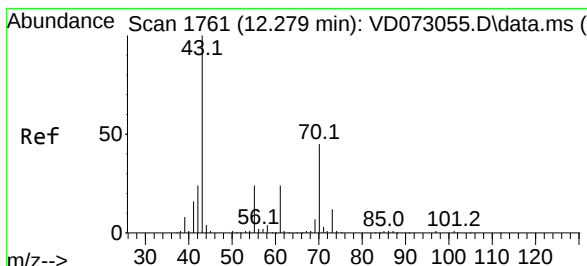
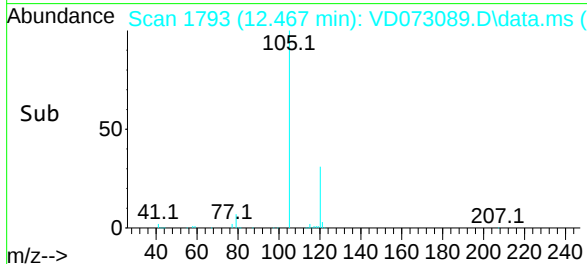
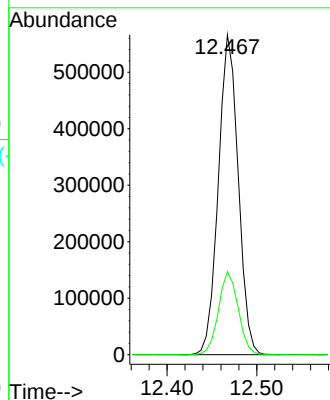
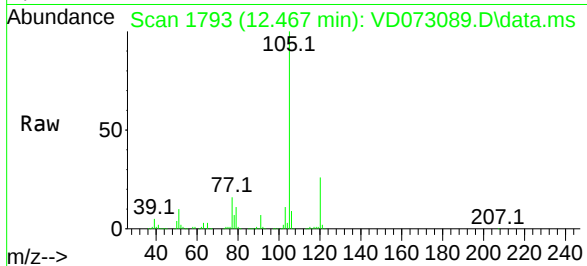




#73
Isopropylbenzene
Concen: 48.891 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

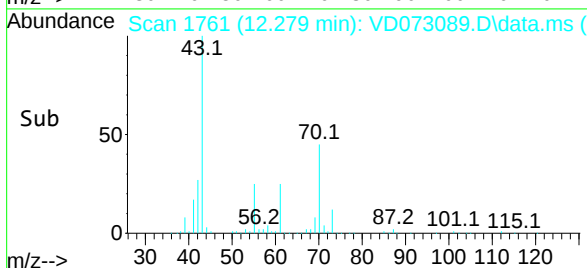
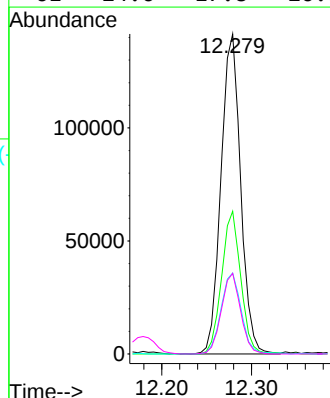
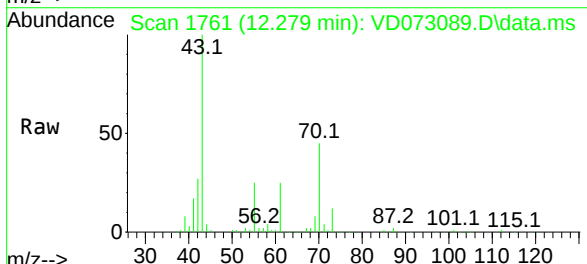
Instrument :
MSVOA_D
ClientSampleId :
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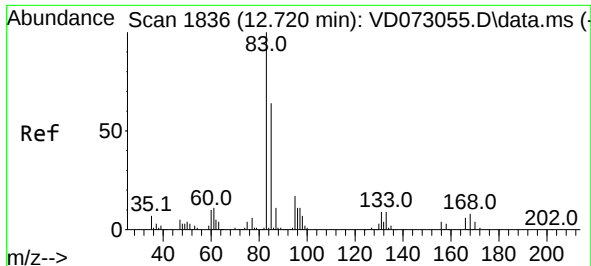
Tgt Ion:105 Resp: 870446
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 51.725 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 43 Resp: 215212
Ion Ratio Lower Upper
43 100
70 43.5 31.3 46.9
55 26.1 20.0 30.0
61 24.6 17.8 26.8

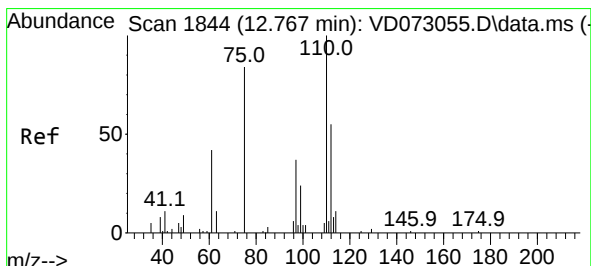
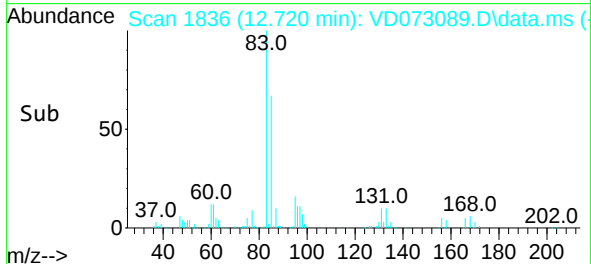
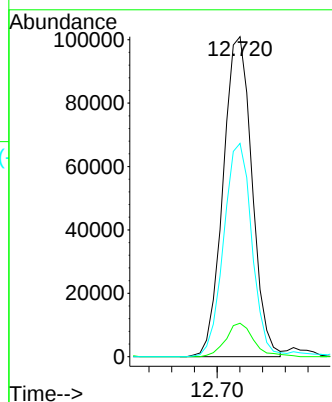
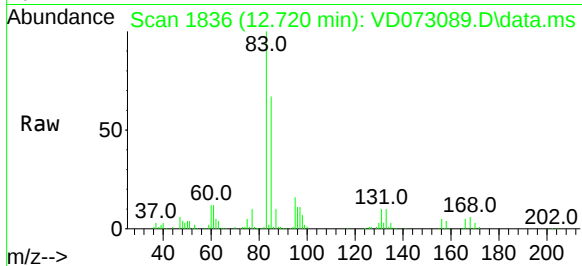




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.778 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD073089.D
 Acq: 18 May 2022 10:04

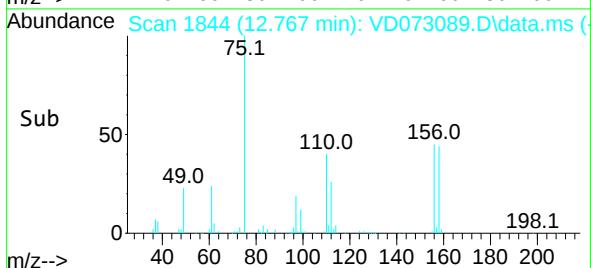
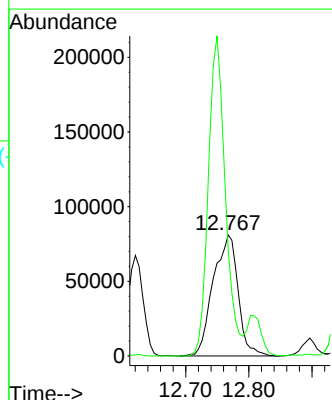
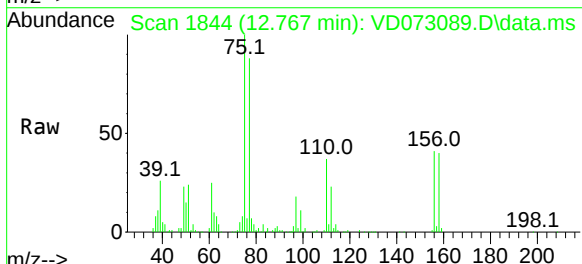
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 ClientSampleId :
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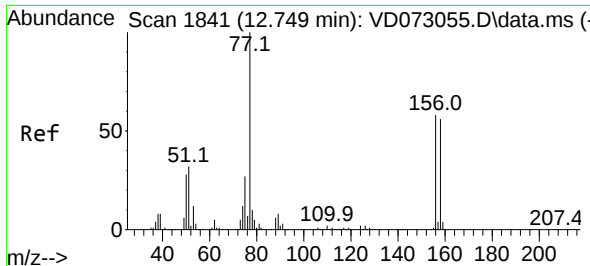
Tgt Ion: 83 Resp: 178228
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.0 14.9
 85 65.1 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 83.375 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD073089.D
 Acq: 18 May 2022 10:04

Tgt Ion: 75 Resp: 221376
 Ion Ratio Lower Upper
 75 100
 77 181.5 0.0 0.0#

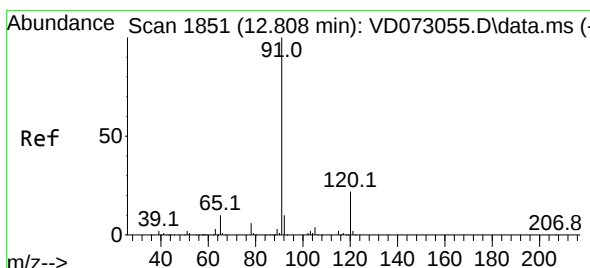
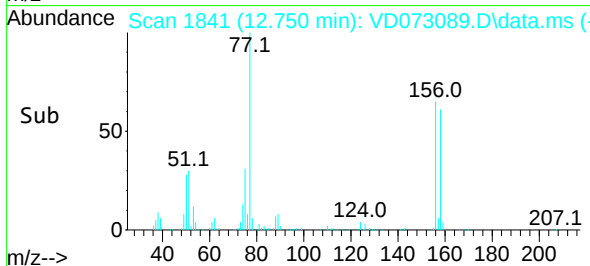
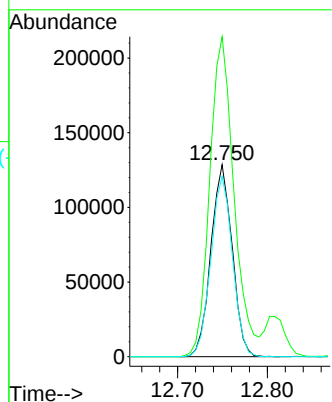
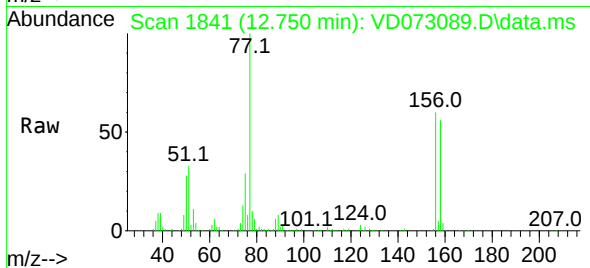




#77
Bromobenzene
Concen: 49.924 ug/l
RT: 12.750 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

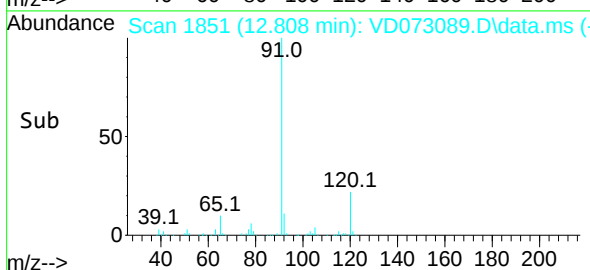
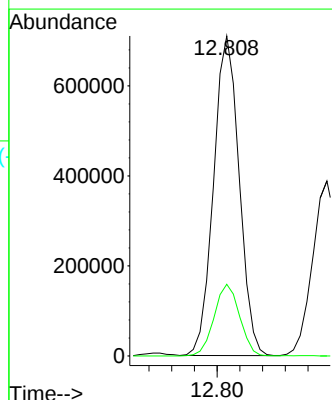
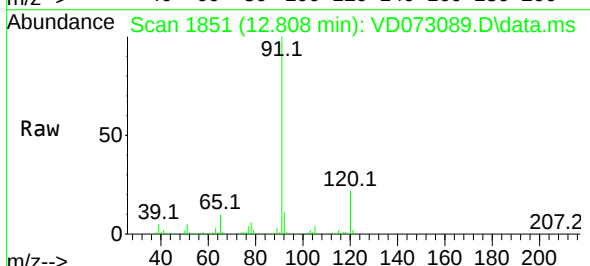
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

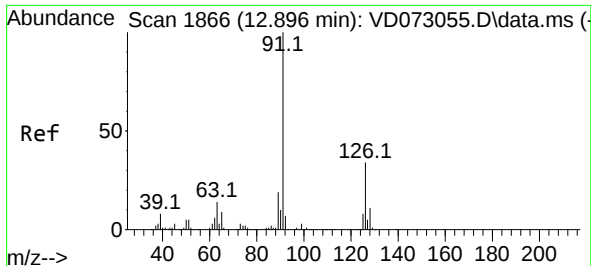
Tgt Ion:156 Resp: 212077
Ion Ratio Lower Upper
156 100
77 189.5 102.8 308.3
158 95.1 48.7 146.1



#78
n-propylbenzene
Concen: 49.677 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 91 Resp: 1110663
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9

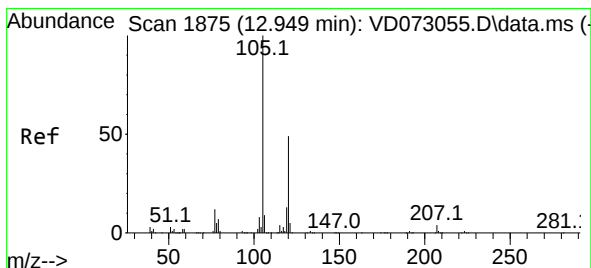
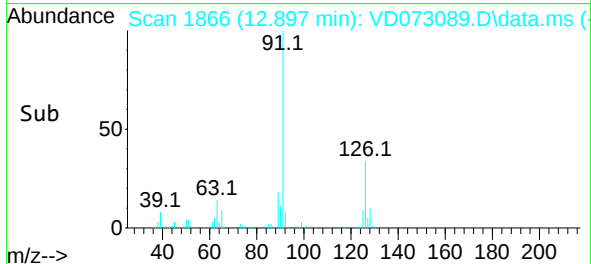
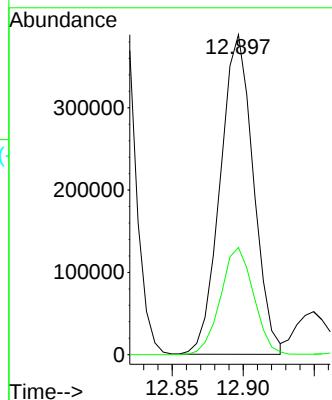
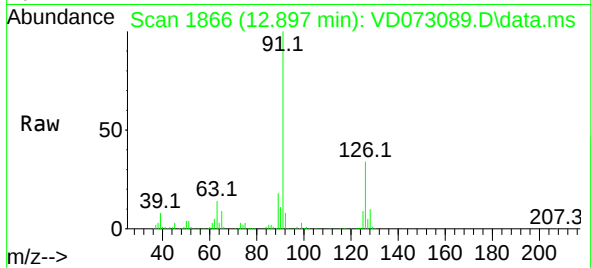




#79
2-Chlorotoluene
Concen: 48.413 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

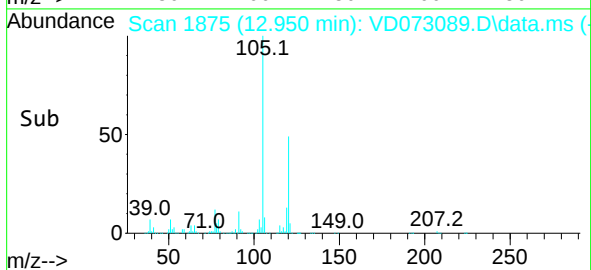
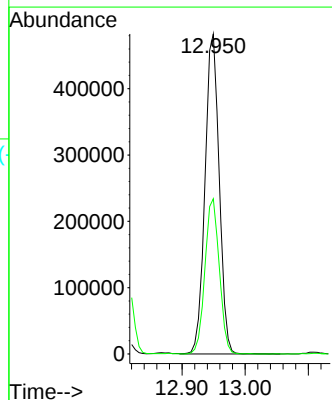
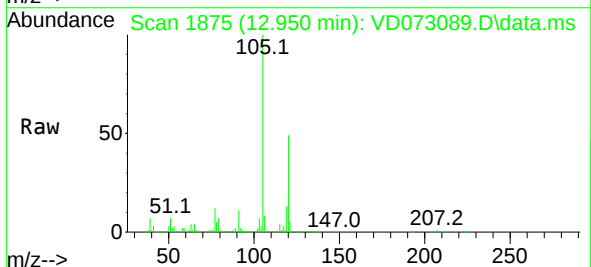
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

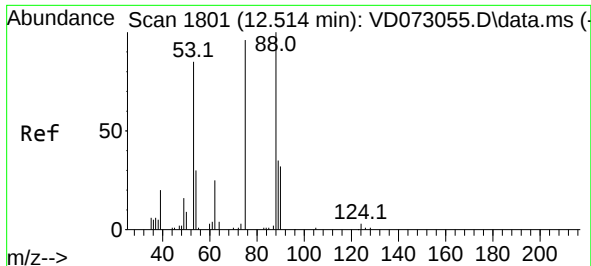
Tgt Ion: 91 Resp: 630566
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 49.713 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 105 Resp: 754009
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8

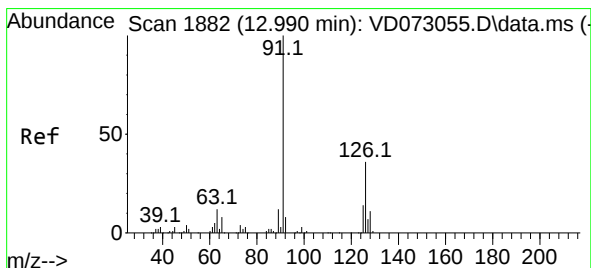
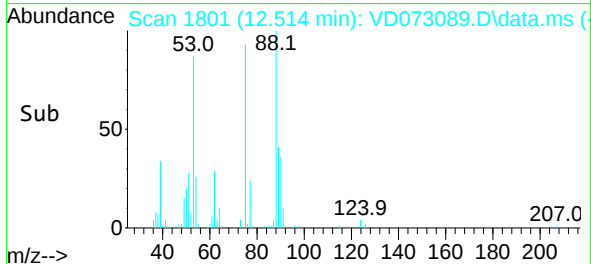
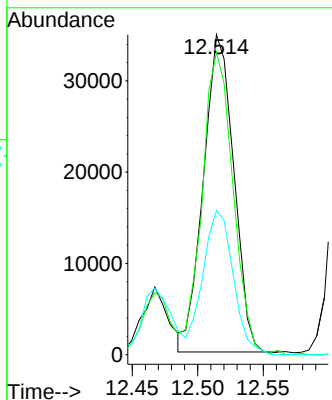
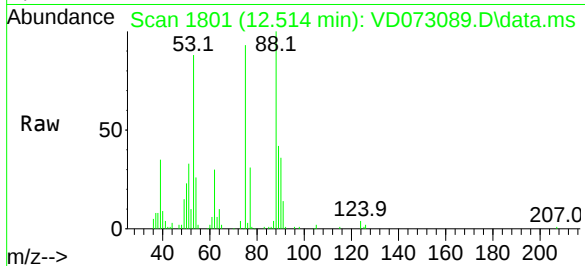




#81
trans-1,4-Dichloro-2-butene
Concen: 50.485 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

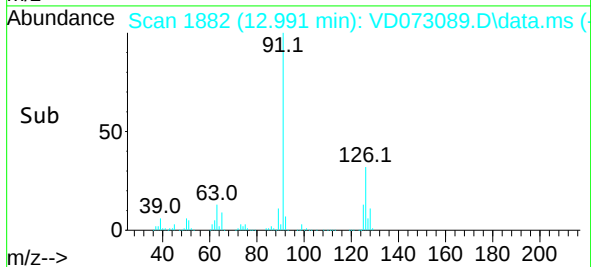
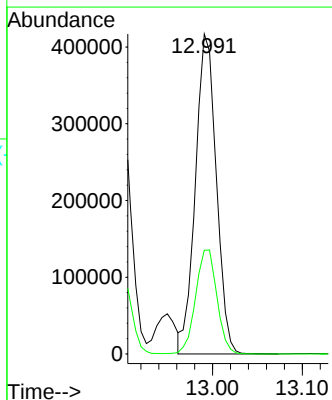
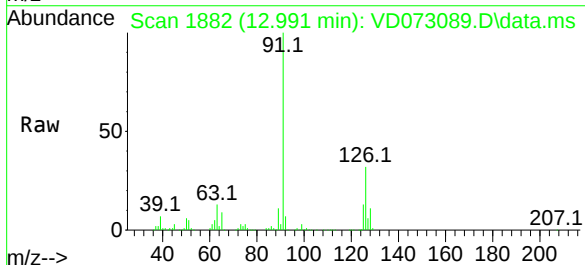
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

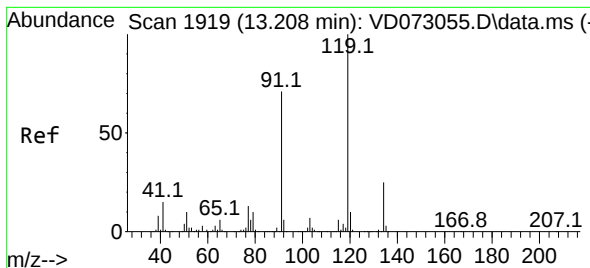
Tgt Ion: 75 Resp: 55905
Ion Ratio Lower Upper
75 100
53 97.4 86.5 129.7
89 45.4 33.9 50.9



#82
4-Chlorotoluene
Concen: 48.855 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 91 Resp: 673454
Ion Ratio Lower Upper
91 100
126 33.3 16.5 49.5





#83

tert-Butylbenzene

Concen: 49.482 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

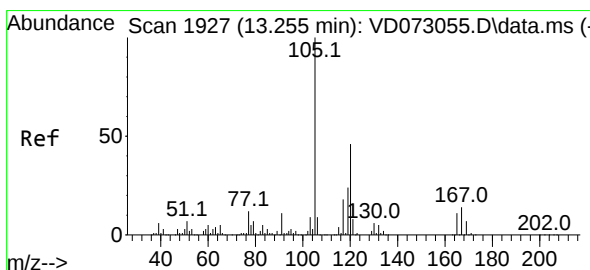
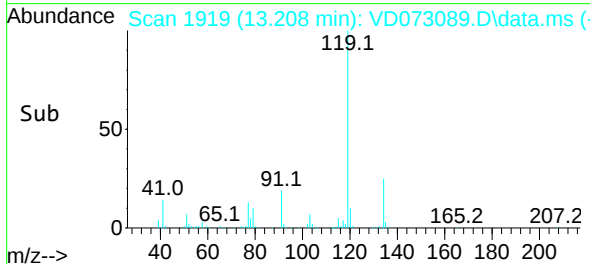
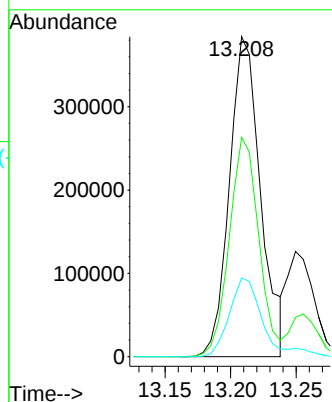
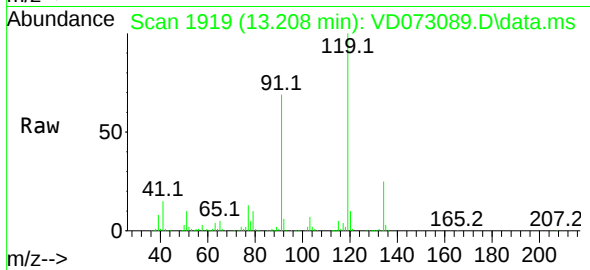
Tgt Ion:119 Resp: 635715

Ion Ratio Lower Upper

119 100

91 64.9 34.8 104.5

134 26.5 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 49.887 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073089.D

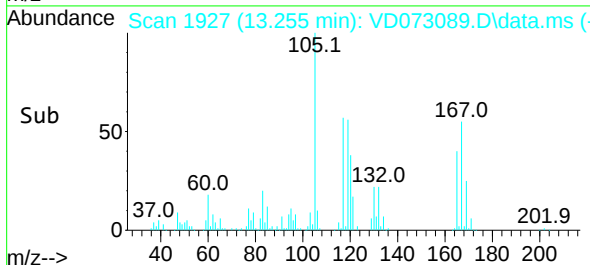
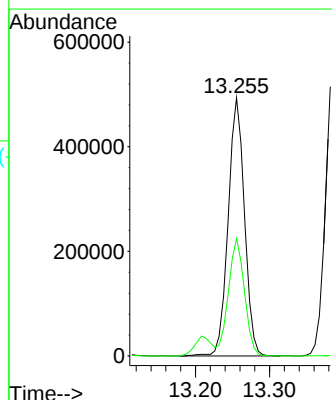
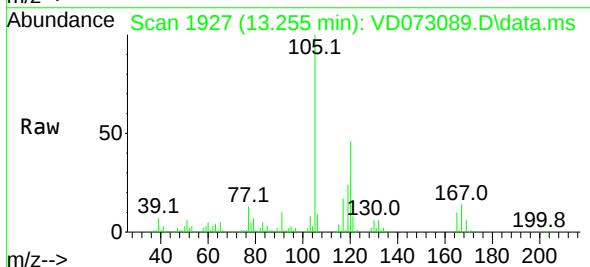
Acq: 18 May 2022 10:04

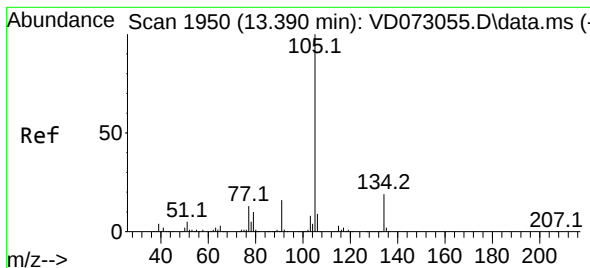
Tgt Ion:105 Resp: 752800

Ion Ratio Lower Upper

105 100

120 44.8 22.3 66.8





#85

sec-Butylbenzene

Concen: 50.200 ug/l

RT: 13.391 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

Instrument :

MSVOA_D

ClientSampleId :

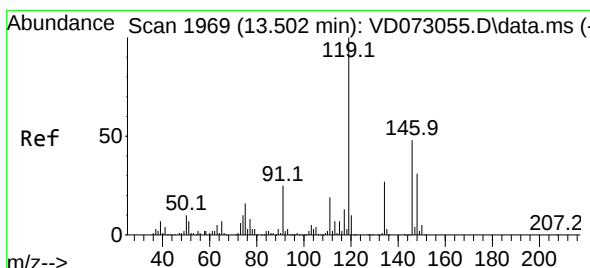
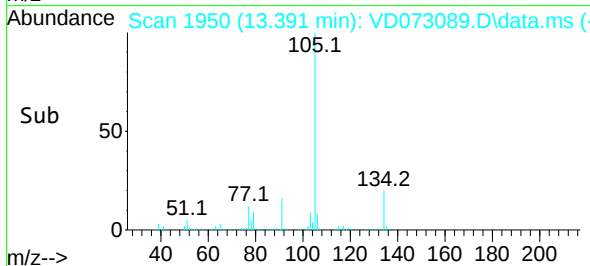
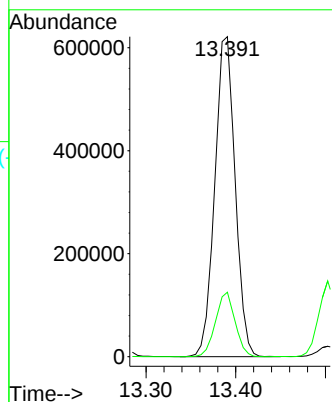
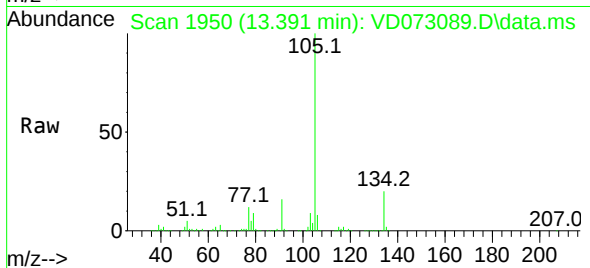
VSTDCCC050

Tgt Ion:105 Resp: 978963

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.3



#86

p-Isopropyltoluene

Concen: 50.375 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

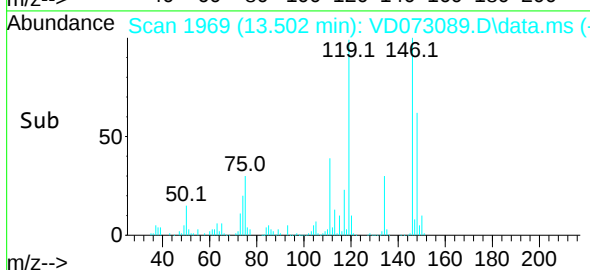
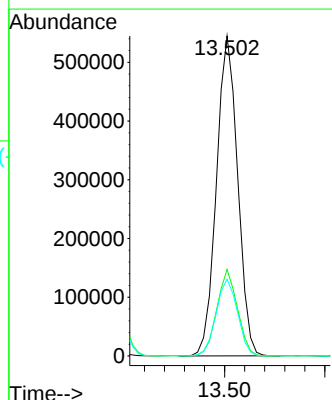
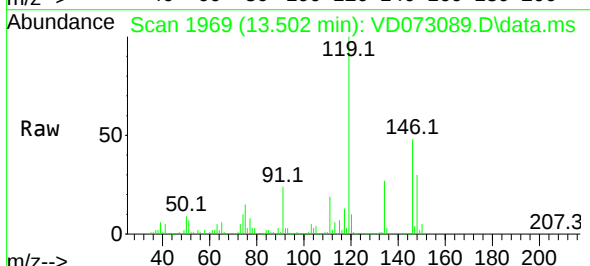
Tgt Ion:119 Resp: 799059

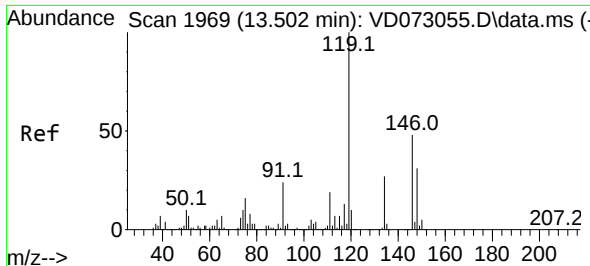
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

91 24.1 12.1 36.3

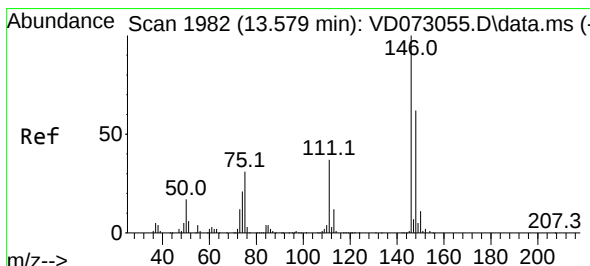
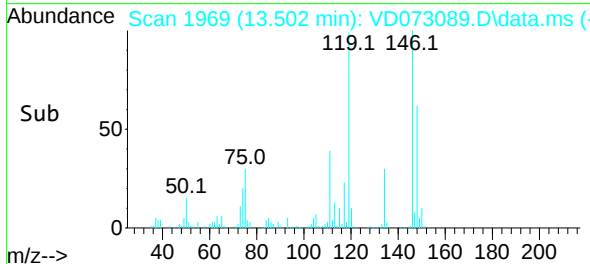
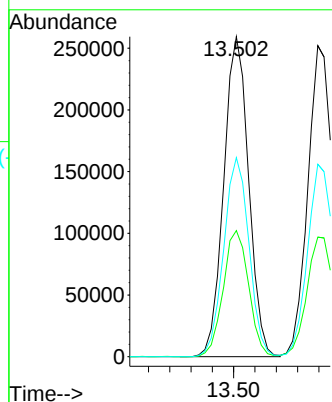
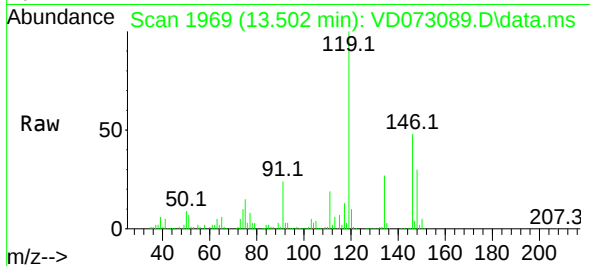




#87
 1,3-Dichlorobenzene
 Concen: 48.172 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073089.D
 Acq: 18 May 2022 10:04

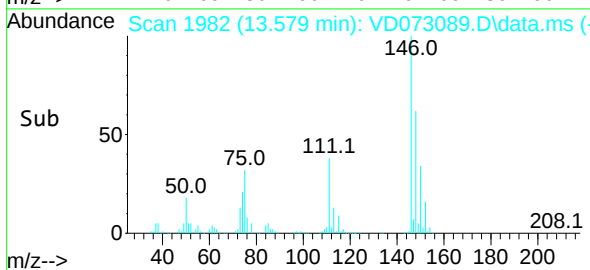
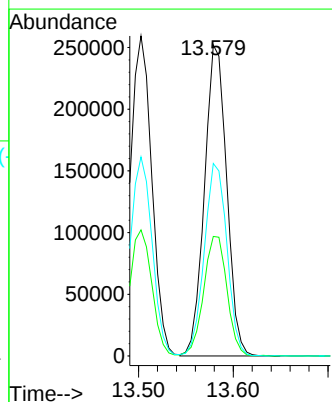
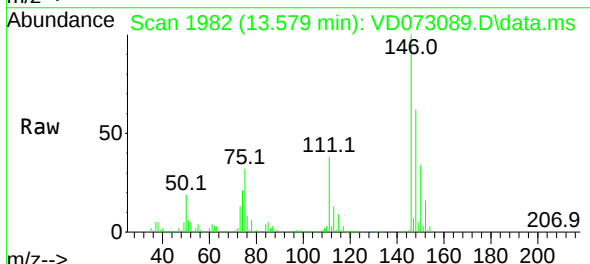
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

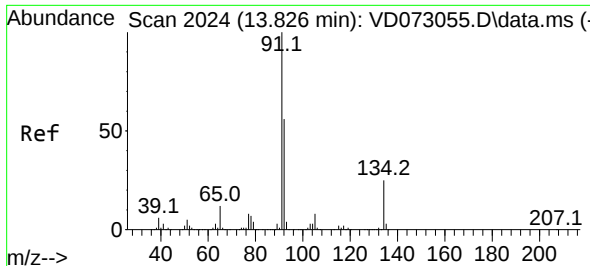
Tgt Ion:146 Resp: 420594
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.4 61.3
 148 63.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 47.529 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VD073089.D
 Acq: 18 May 2022 10:04

Tgt Ion:146 Resp: 410072
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 60.9
 148 63.2 31.7 95.1

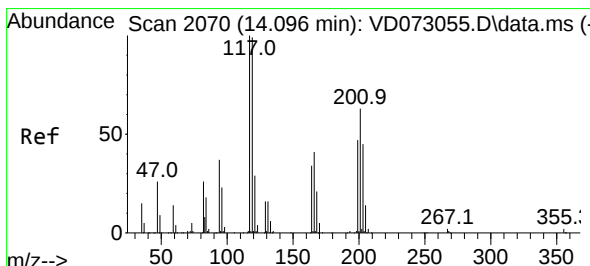
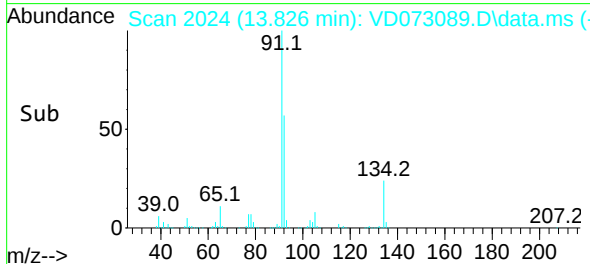
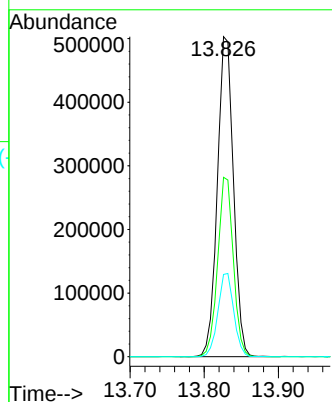
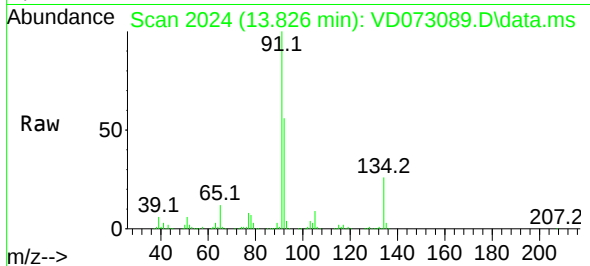




#89
n-Butylbenzene
Concen: 49.186 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

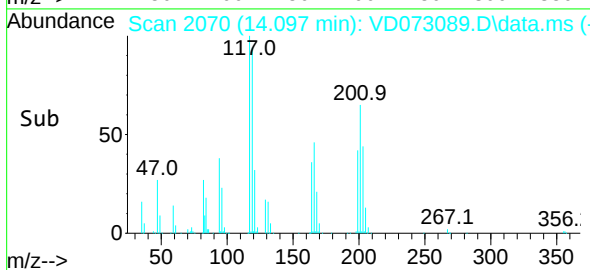
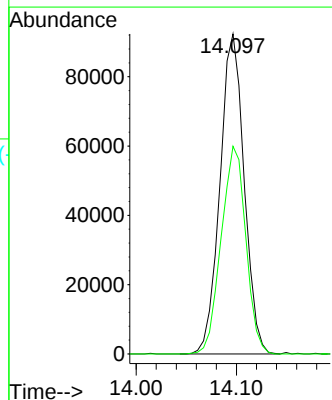
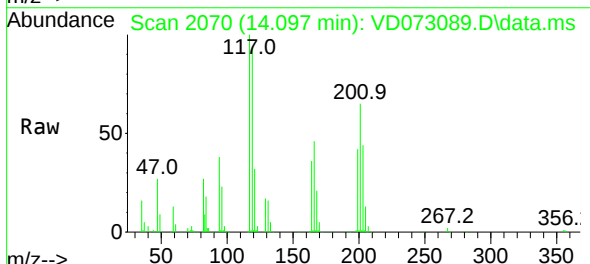
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

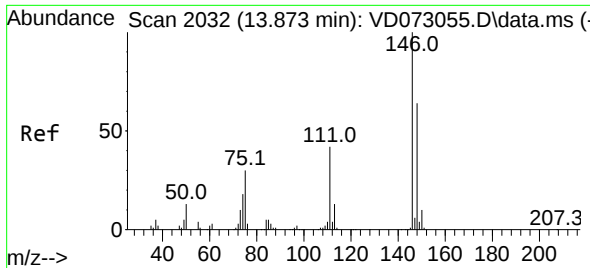
Tgt Ion: 91 Resp: 758734
Ion Ratio Lower Upper
91 100
92 54.4 26.6 79.8
134 25.7 12.3 36.9



#90
Hexachloroethane
Concen: 46.891 ug/l
RT: 14.097 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 117 Resp: 154553
Ion Ratio Lower Upper
117 100
201 66.1 33.4 100.2

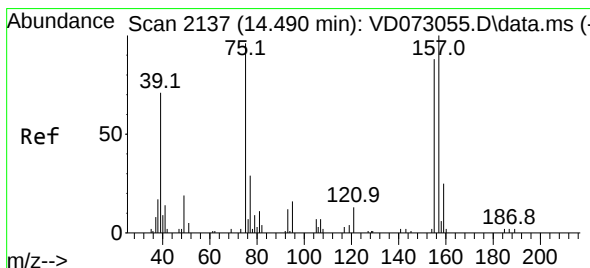
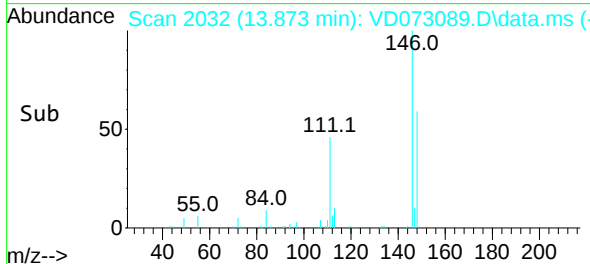
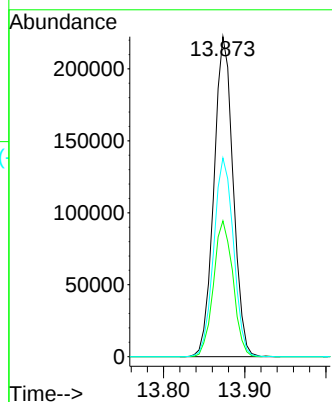
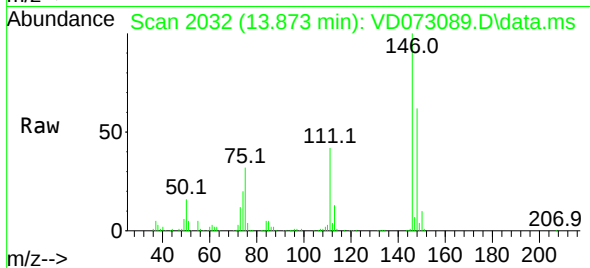




#91
1,2-Dichlorobenzene
Concen: 48.350 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

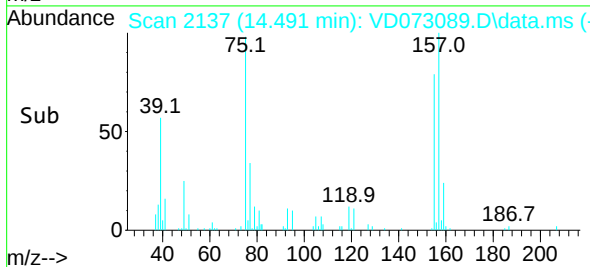
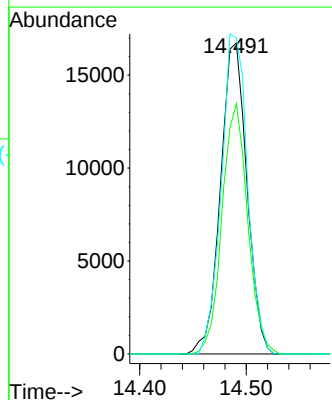
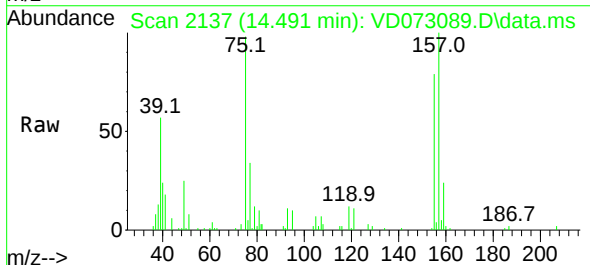
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

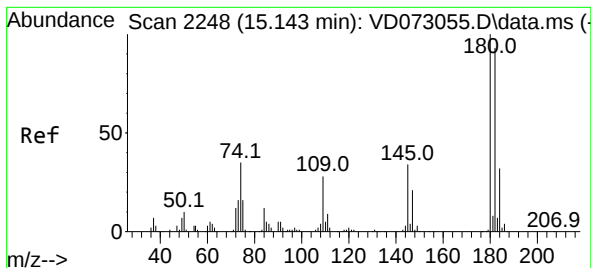
Tgt Ion:146 Resp: 366144
Ion Ratio Lower Upper
146 100
111 42.9 21.1 63.3
148 63.9 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.930 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion: 75 Resp: 28877
Ion Ratio Lower Upper
75 100
155 77.8 36.8 110.3
157 101.7 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 50.005 ug/l

RT: 15.144 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

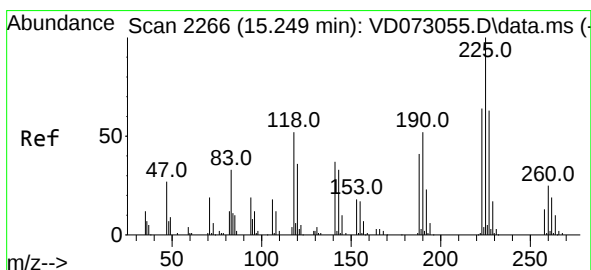
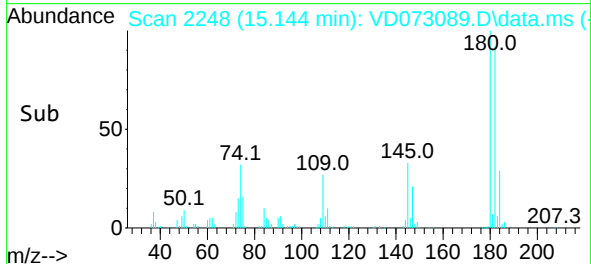
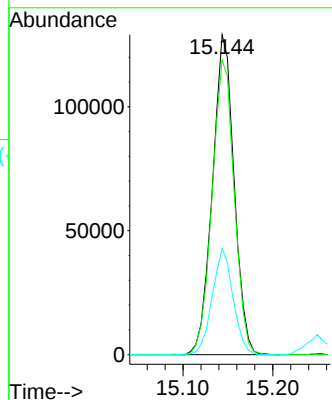
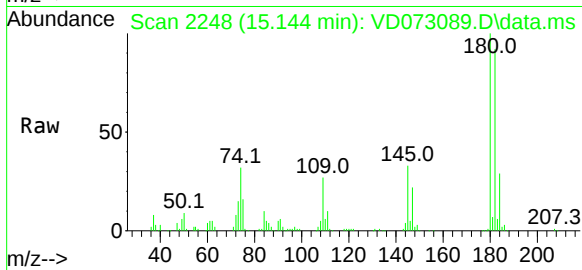
Tgt Ion:180 Resp: 216057

Ion Ratio Lower Upper

180 100

182 93.7 47.3 142.0

145 31.9 16.2 48.5



#94

Hexachlorobutadiene

Concen: 48.485 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073089.D

Acq: 18 May 2022 10:04

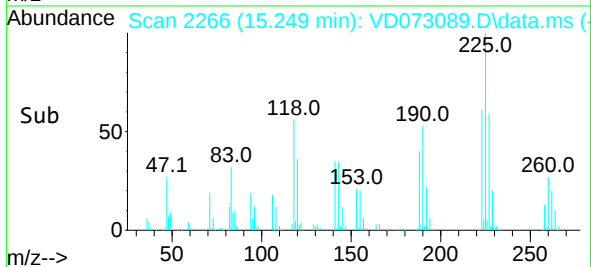
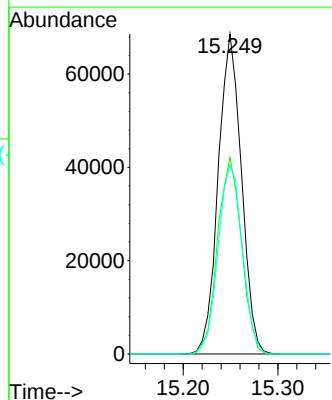
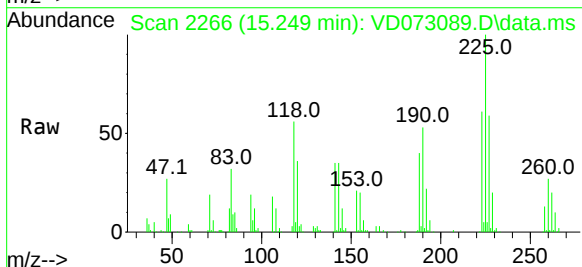
Tgt Ion:225 Resp: 116932

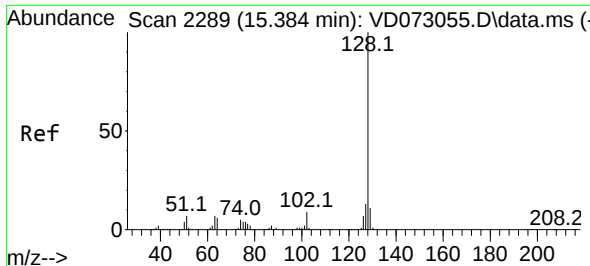
Ion Ratio Lower Upper

225 100

223 63.0 31.1 93.2

227 61.5 32.4 97.0

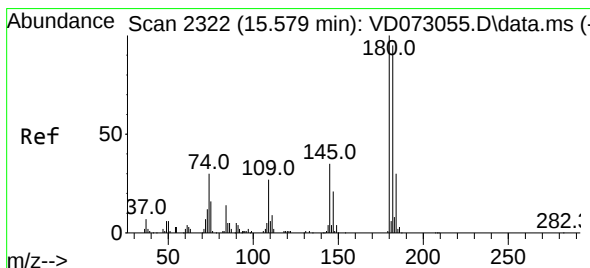
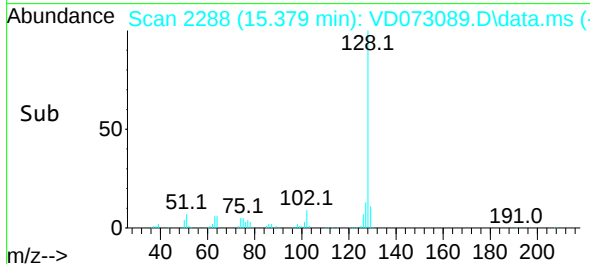
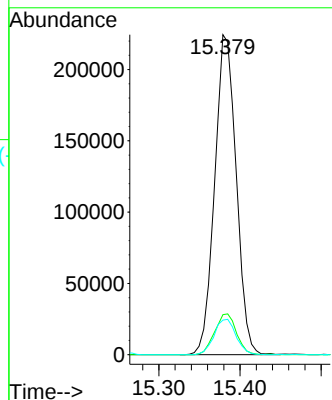
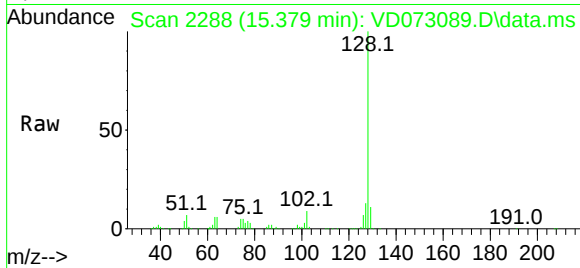




#95
Naphthalene
Concen: 45.633 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 413860
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.3 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 50.521 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD073089.D
Acq: 18 May 2022 10:04

Tgt Ion:180 Resp: 193800
Ion Ratio Lower Upper
180 100
182 94.3 47.6 142.9
145 34.0 17.1 51.3

