

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
 Data File : VD073872.D
 Acq On : 19 Jul 2022 20:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 20 01:23:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	146433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	252017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	229338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	117655	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	93911	53.707	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.420%	
35) Dibromofluoromethane	7.908	113	93517	52.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.200%	
50) Toluene-d8	10.326	98	335030	51.908	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.820%	
62) 4-Bromofluorobenzene	12.620	95	121246	54.637	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.280%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	71502	53.650	ug/l	98
3) Chloromethane	2.209	50	142317	67.358	ug/l	96
4) Vinyl Chloride	2.344	62	174685	51.761	ug/l	98
5) Bromomethane	2.756	94	76612	33.583	ug/l	98
6) Chloroethane	2.914	64	112236	49.339	ug/l	95
7) Trichlorofluoromethane	3.256	101	235267	77.956	ug/l	97
8) Diethyl Ether	3.697	74	40111	54.181	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.085	101	84835	50.660	ug/l	98
10) Methyl Iodide	4.285	142	94804	57.471	ug/l	93
11) Tert butyl alcohol	5.226	59	24940	266.023	ug/l #	92
12) 1,1-Dichloroethene	4.056	96	79784	53.616	ug/l	89
13) Acrolein	3.914	56	24595	303.019	ug/l	98
14) Allyl chloride	4.703	41	107208	49.358	ug/l #	91
15) Acrylonitrile	5.408	53	88776	293.815	ug/l	95
16) Acetone	4.156	43	62908	219.250	ug/l	96
17) Carbon Disulfide	4.397	76	242935	51.092	ug/l	99
18) Methyl Acetate	4.720	43	40928	61.060	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	197291	55.351	ug/l	94
20) Methylene Chloride	4.950	84	125061	67.170	ug/l #	84
21) trans-1,2-Dichloroethene	5.461	96	91451	51.986	ug/l	92
22) Diisopropyl ether	6.361	45	246296	53.285	ug/l #	92
23) Vinyl Acetate	6.297	43	711806	282.130	ug/l #	95
24) 1,1-Dichloroethane	6.255	63	155476	50.926	ug/l	96
25) 2-Butanone	7.202	43	106698	261.999	ug/l #	88
26) 2,2-Dichloropropane	7.197	77	127344	46.971	ug/l	96
27) cis-1,2-Dichloroethene	7.202	96	105937	53.491	ug/l	89
28) Bromochloromethane	7.538	49	64414	56.234	ug/l #	77
29) Tetrahydrofuran	7.561	42	73254	296.646	ug/l #	87
30) Chloroform	7.697	83	177181	52.725	ug/l	100
31) Cyclohexane	7.979	56	133448	48.030	ug/l	88
32) 1,1,1-Trichloroethane	7.897	97	166671	53.311	ug/l	94
36) 1,1-Dichloropropene	8.102	75	130374	50.830	ug/l	97
37) Ethyl Acetate	7.291	43	51928	56.305	ug/l #	94
38) Carbon Tetrachloride	8.091	117	132853	45.355	ug/l	99
39) Methylcyclohexane	9.344	83	151958	50.826	ug/l	96
40) Benzene	8.338	78	355990	51.014	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	30944	53.992	ug/l	89
42) 1,2-Dichloroethane	8.414	62	112202	52.536	ug/l	98
43) Isopropyl Acetate	8.444	43	102695	55.720	ug/l #	94
44) Trichloroethene	9.102	130	104572	53.695	ug/l	92
45) 1,2-Dichloropropane	9.379	63	87392	51.812	ug/l	96
46) Dibromomethane	9.461	93	56201	54.932	ug/l	100
47) Bromodichloromethane	9.649	83	136112	51.383	ug/l	100
48) Methyl methacrylate	9.449	41	49547	54.831	ug/l #	84
49) 1,4-Dioxane	9.455	88	13506	1261.661	ug/l #	85
51) 4-Methyl-2-Pentanone	10.220	43	261971	284.315	ug/l	93
52) Toluene	10.391	92	245668	52.308	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	120305	51.445	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	144447	53.382	ug/l #	87
55) 1,1,2-Trichloroethane	10.785	97	72245	55.513	ug/l	97
56) Ethyl methacrylate	10.649	69	86077	57.131	ug/l	89
57) 1,3-Dichloropropane	10.932	76	117125	52.919	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	182405	226.408	ug/l	92
59) 2-Hexanone	10.973	43	176709	280.670	ug/l	92
60) Dibromochloromethane	11.126	129	93494	53.032	ug/l	100
61) 1,2-Dibromoethane	11.232	107	71537	54.329	ug/l	98
64) Tetrachloroethene	10.867	164	89346	58.413	ug/l	96
65) Chlorobenzene	11.655	112	252806	53.522	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	97148	54.120	ug/l	100
67) Ethyl Benzene	11.732	91	467704	53.630	ug/l	99
68) m/p-Xylenes	11.843	106	381134	111.812	ug/l	95
69) o-Xylene	12.167	106	172840	54.159	ug/l	95
70) Styrene	12.179	104	305685	56.028	ug/l	97
71) Bromoform	12.343	173	54526	56.137	ug/l #	96
73) Isopropylbenzene	12.467	105	463389	52.000	ug/l	99
74) N-amyl acetate	12.273	43	99102	56.380	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	83113	53.961	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	101489	80.394	ug/l #	100
77) Bromobenzene	12.743	156	106856	53.956	ug/l	86
78) n-propylbenzene	12.808	91	565488	52.018	ug/l	97
79) 2-Chlorotoluene	12.890	91	323158	52.990	ug/l	96
80) 1,3,5-Trimethylbenzene	12.943	105	399802	53.224	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	22338	47.749	ug/l	94
82) 4-Chlorotoluene	12.990	91	335443	52.013	ug/l	98
83) tert-Butylbenzene	13.208	119	344723	53.675	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	399396	53.381	ug/l	99
85) sec-Butylbenzene	13.385	105	518066	53.494	ug/l	99
86) p-Isopropyltoluene	13.502	119	436381	53.512	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	219571	52.944	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	217852	53.141	ug/l	99
89) n-Butylbenzene	13.826	91	401352	51.837	ug/l	99
90) Hexachloroethane	14.090	117	69474	43.114	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	188629	52.644	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	14088	54.469	ug/l	89
93) 1,2,4-Trichlorobenzene	15.137	180	111458	50.952	ug/l	99
94) Hexachlorobutadiene	15.249	225	58380	50.359	ug/l	97
95) Naphthalene	15.379	128	225793	57.426	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	99062	53.264	ug/l	99

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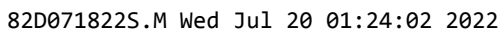
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MSVOA_D
ClientSampleId :
VSTDCCC050EC

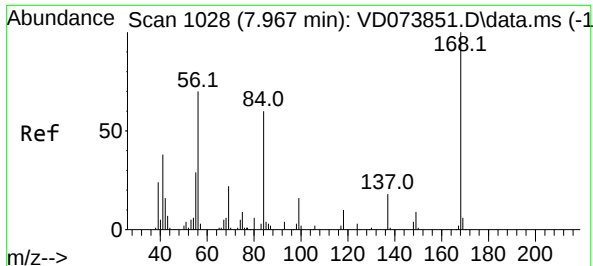
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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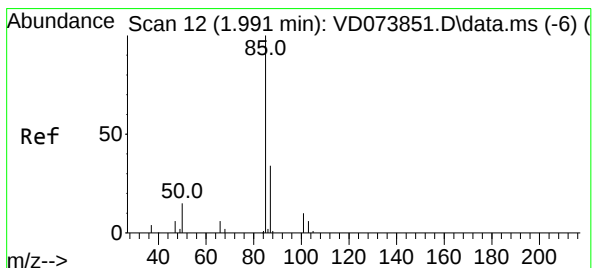
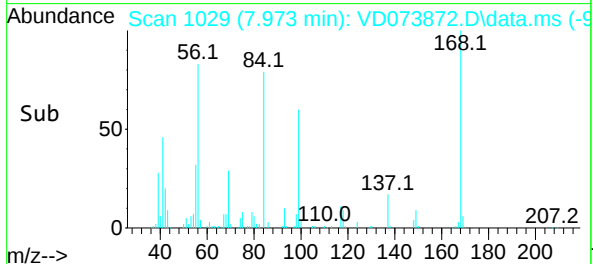
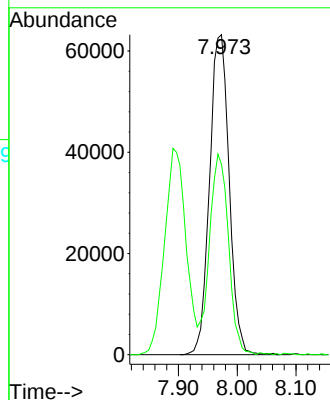
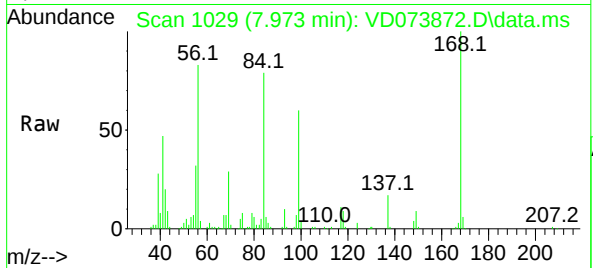




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD073872.D
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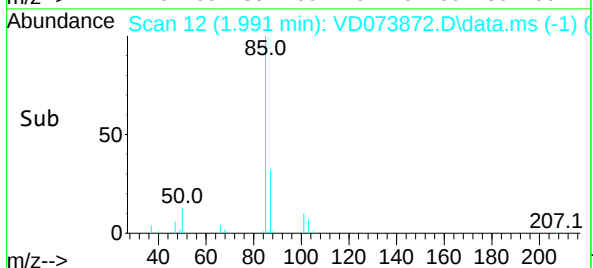
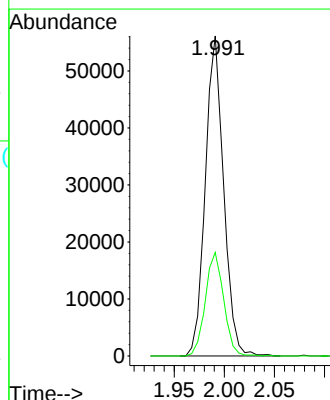
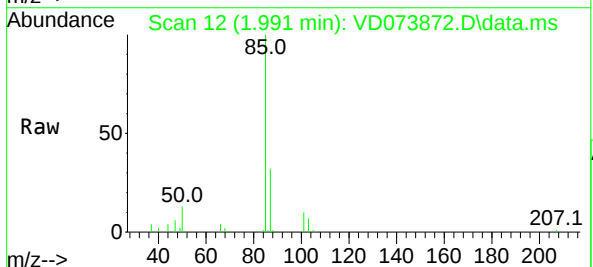
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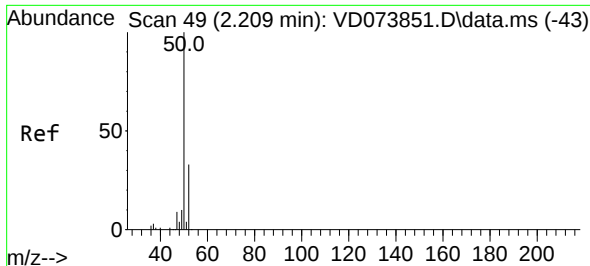
Tgt Ion:168 Resp: 146433
Ion Ratio Lower Upper
168 100
99 59.5 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 53.650 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 85 Resp: 71502
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.0

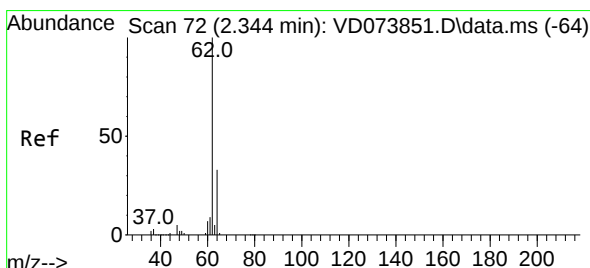
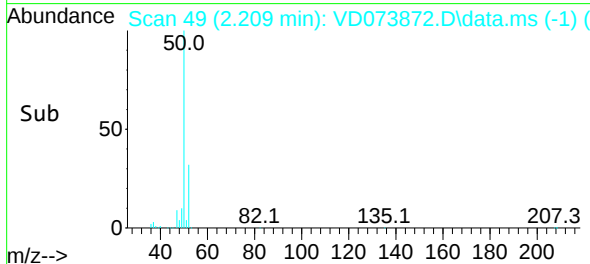
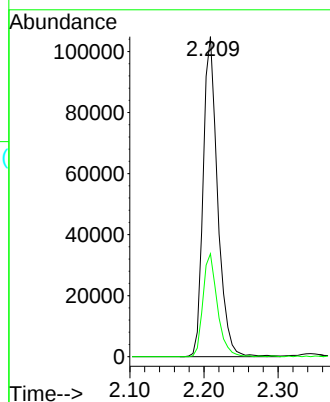
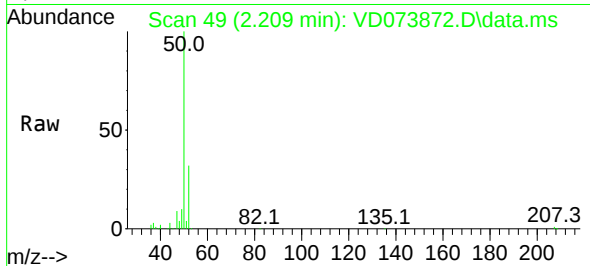




#3
Chloromethane
Concen: 67.358 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

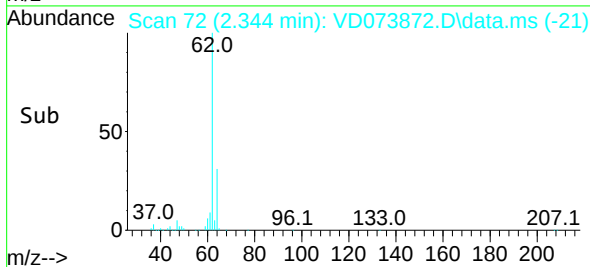
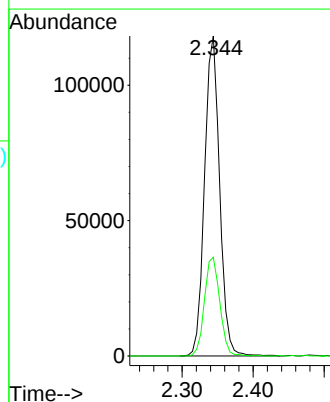
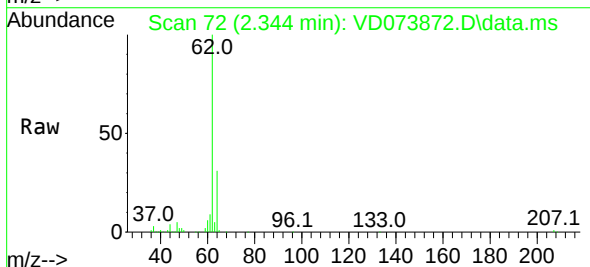
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ClientSampleId :
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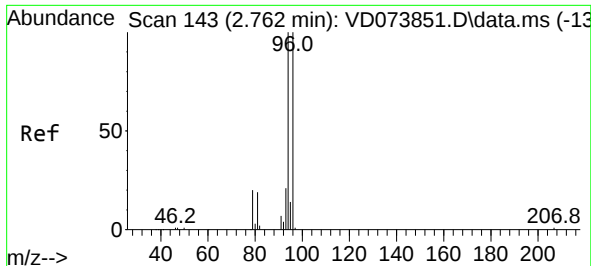
Tgt Ion: 50 Resp: 142317
Ion Ratio Lower Upper
50 100
52 32.2 27.4 41.0



#4
Vinyl Chloride
Concen: 51.761 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 62 Resp: 174685
Ion Ratio Lower Upper
62 100
64 30.9 25.4 38.0

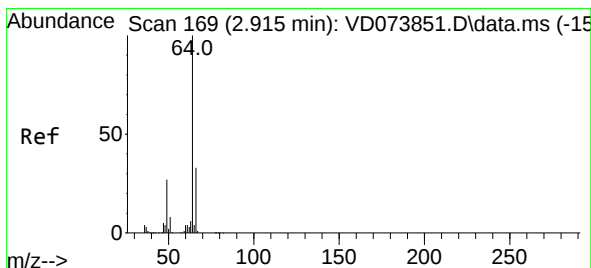
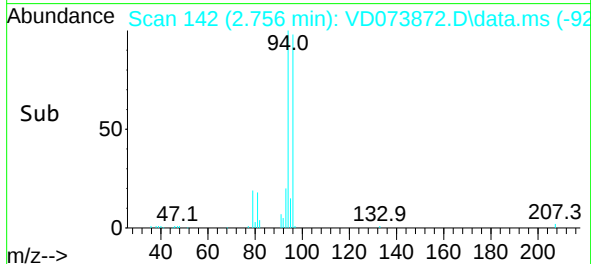
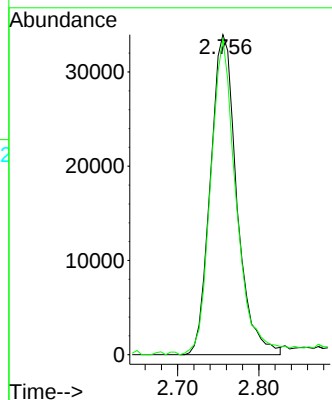
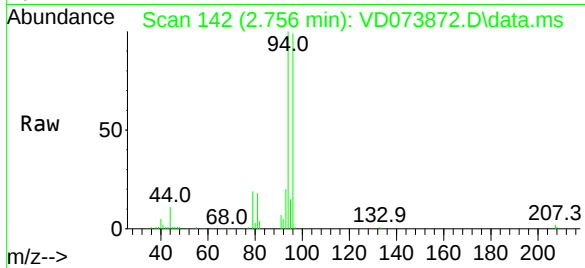




#5
Bromomethane
Concen: 33.583 ug/l
RT: 2.756 min Scan# 143
Delta R.T. -0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

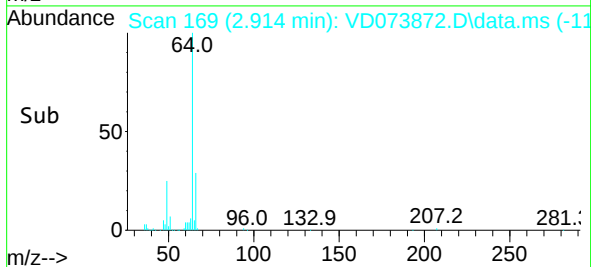
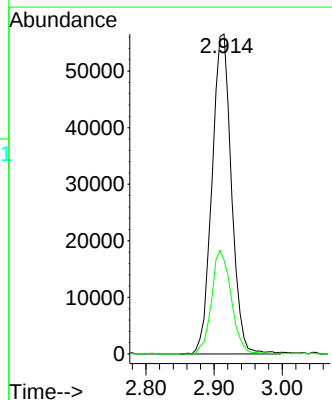
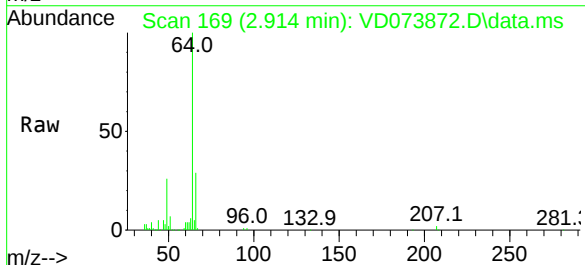
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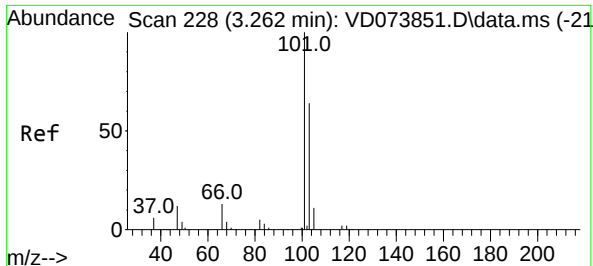
Tgt Ion: 94 Resp: 76612
Ion Ratio Lower Upper
94 100
96 98.6 77.6 116.4



#6
Chloroethane
Concen: 49.339 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 64 Resp: 112236
Ion Ratio Lower Upper
64 100
66 29.3 25.9 38.9

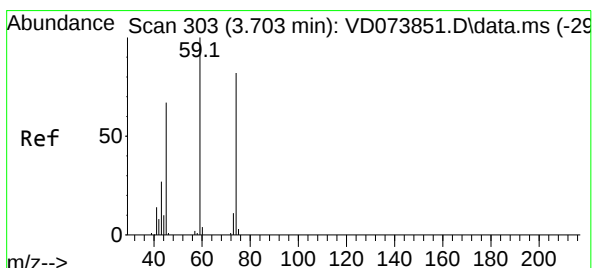
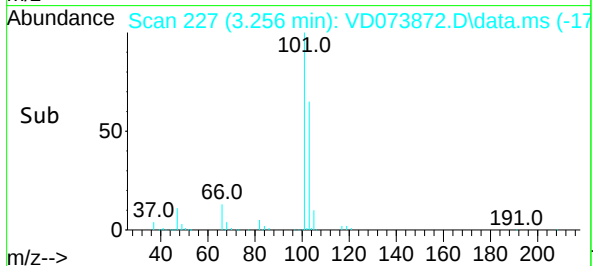
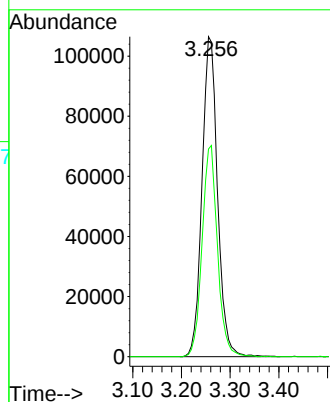
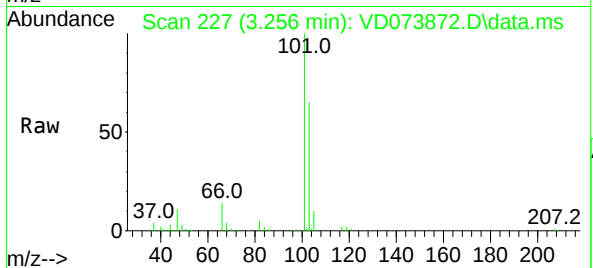




#7
Trichlorofluoromethane
Concen: 77.956 ug/l
RT: 3.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

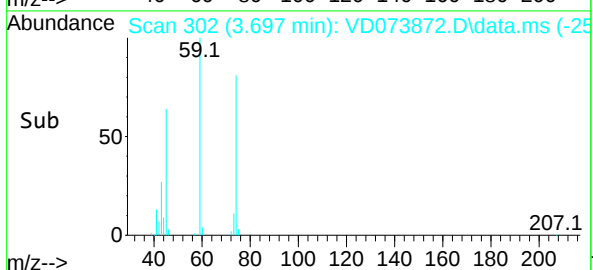
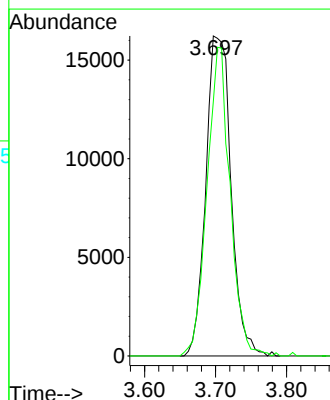
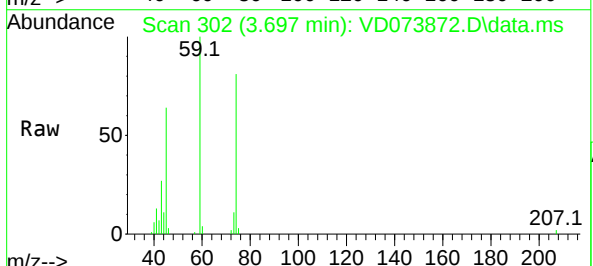
Instrument :
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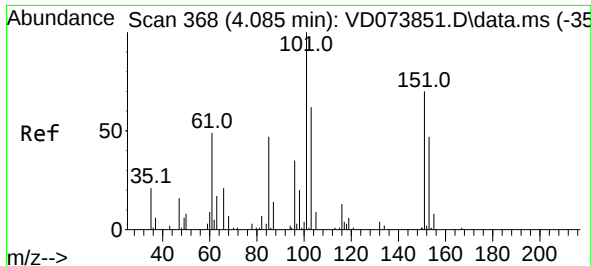
Tgt Ion:101 Resp: 235267
Ion Ratio Lower Upper
101 100
103 64.9 50.1 75.1



#8
Diethyl Ether
Concen: 54.181 ug/l
RT: 3.697 min Scan# 302
Delta R.T. -0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 74 Resp: 40111
Ion Ratio Lower Upper
74 100
45 88.5 52.6 157.8

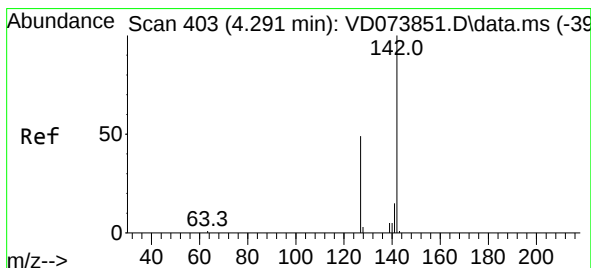
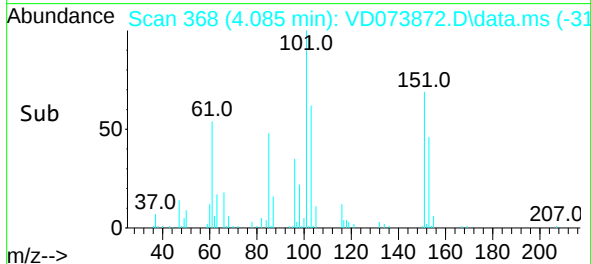
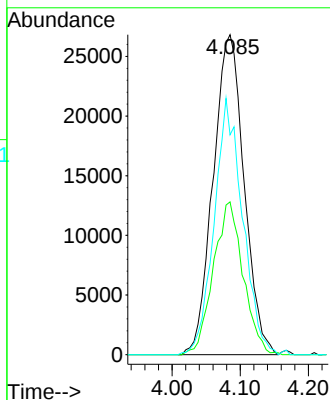
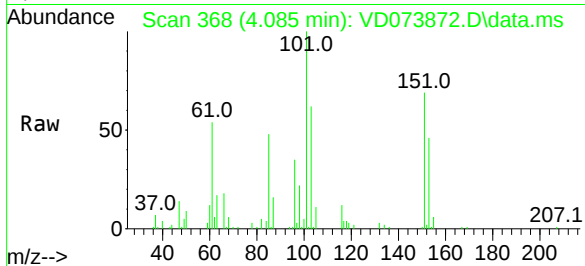




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.660 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

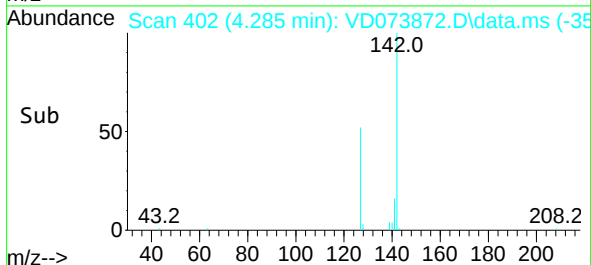
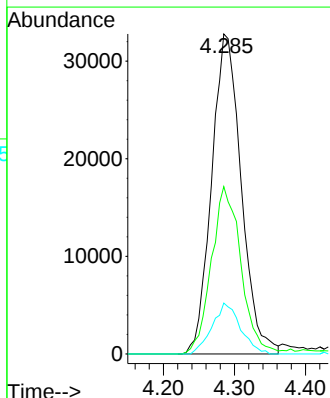
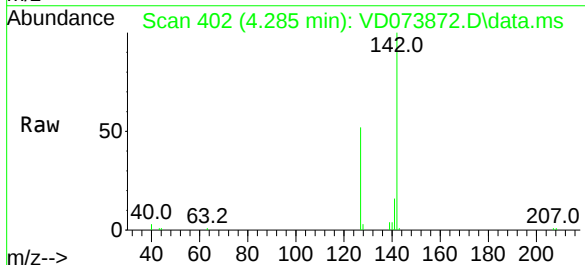
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

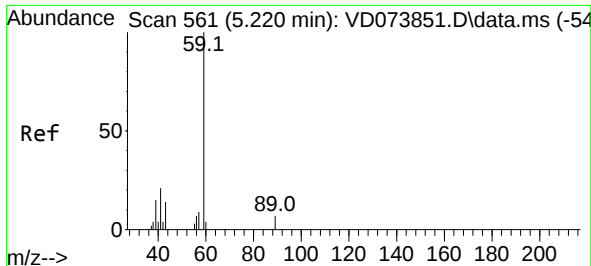
Tgt Ion:101 Resp: 84835
Ion Ratio Lower Upper
101 100
85 45.8 36.4 54.6
151 73.4 57.3 85.9



#10
Methyl Iodide
Concen: 57.471 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion:142 Resp: 94804
Ion Ratio Lower Upper
142 100
127 52.3 37.3 55.9
141 15.2 11.7 17.5

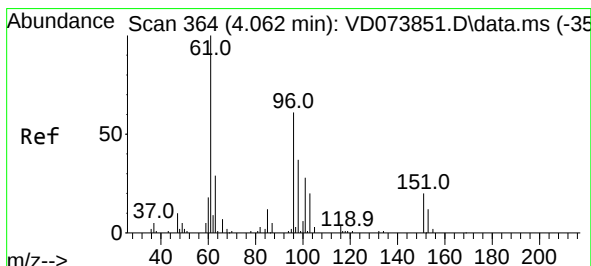
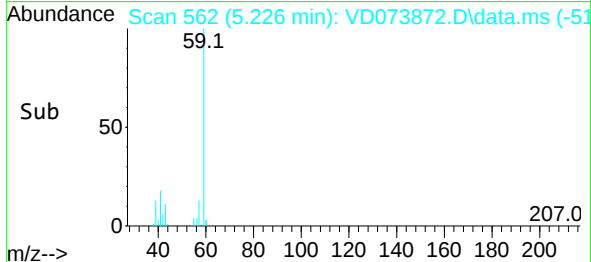
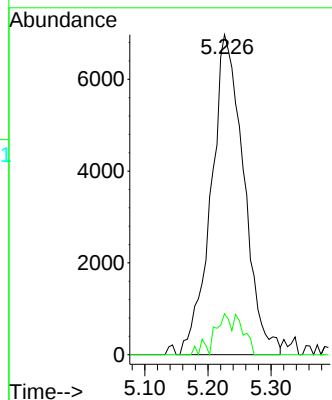
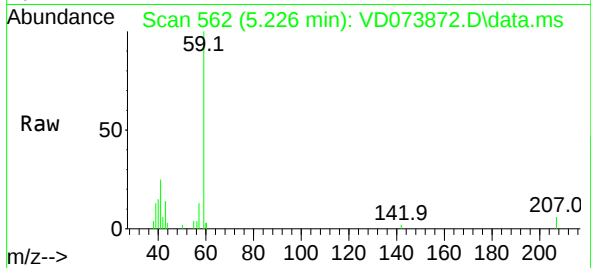




#11
Tert butyl alcohol
Concen: 266.023 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

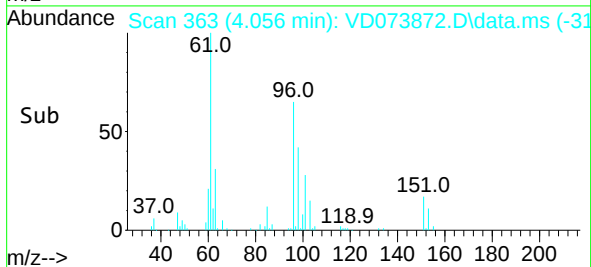
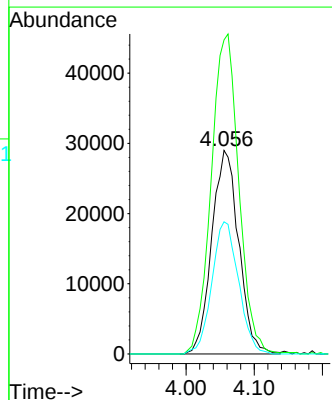
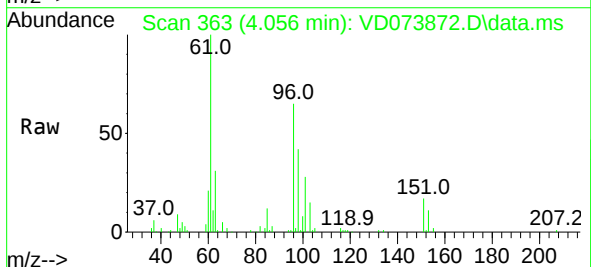
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

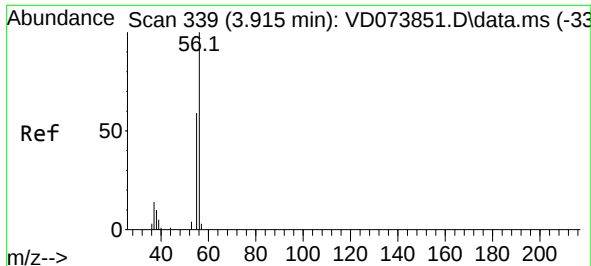
Tgt Ion: 59 Resp: 24940
Ion Ratio Lower Upper
59 100
57 6.7 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 53.616 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

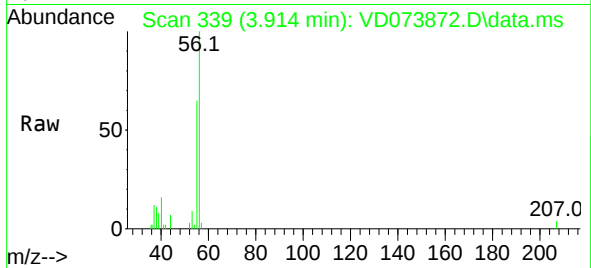
Tgt Ion: 96 Resp: 79784
Ion Ratio Lower Upper
96 100
61 154.4 138.5 207.7
98 64.9 48.6 73.0



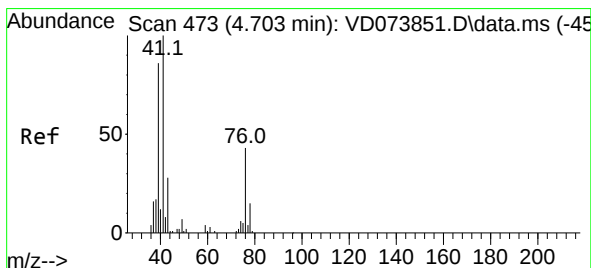
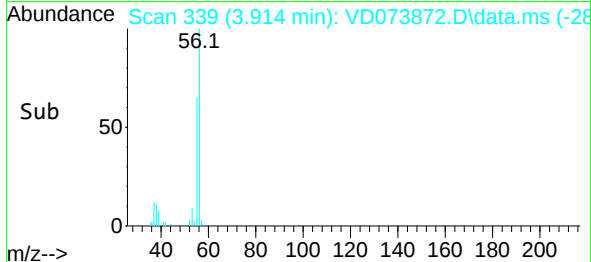
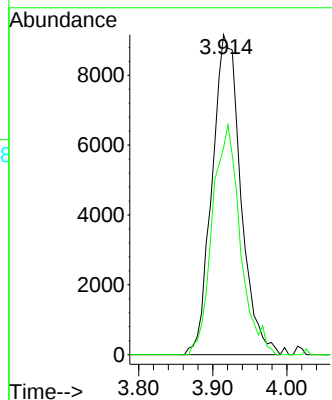


#13
Acrolein
Concen: 303.019 ug/l
RT: 3.914 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

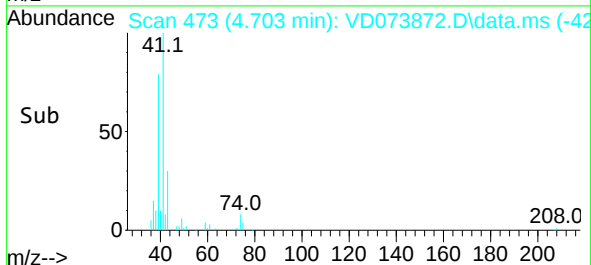
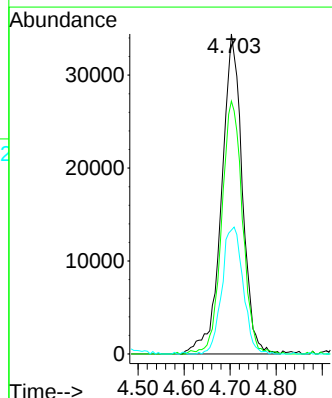
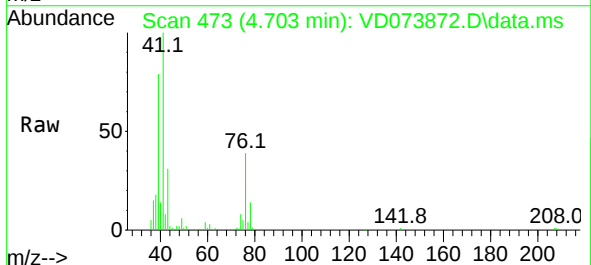


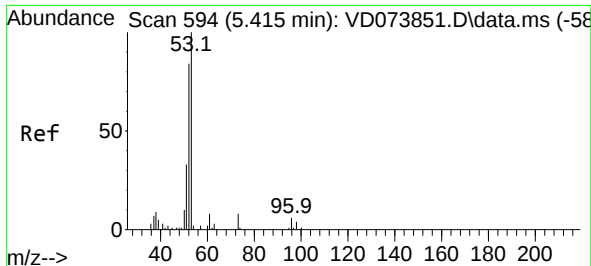
Tgt Ion: 56 Resp: 24595
Ion Ratio Lower Upper
56 100
55 69.9 57.1 85.7



#14
Allyl chloride
Concen: 49.358 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 41 Resp: 107208
Ion Ratio Lower Upper
41 100
39 79.5 59.3 88.9
76 40.5 25.7 38.5#

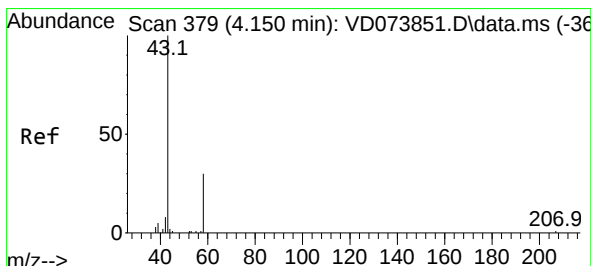
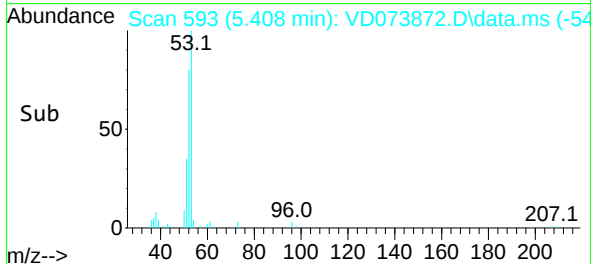
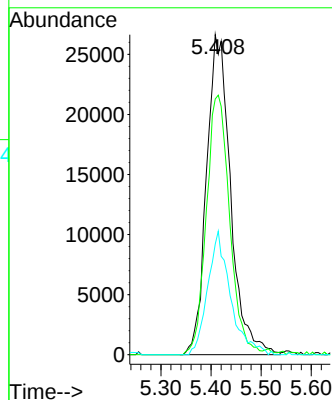
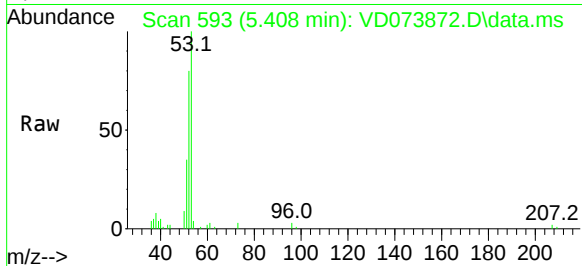




#15
Acrylonitrile
Concen: 293.815 ug/l
RT: 5.408 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

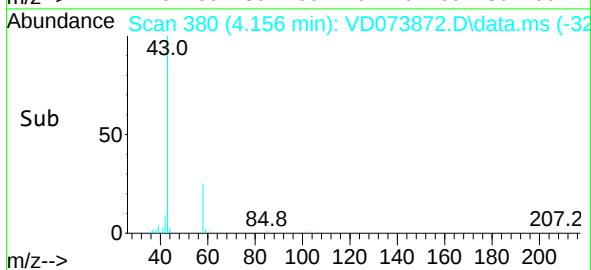
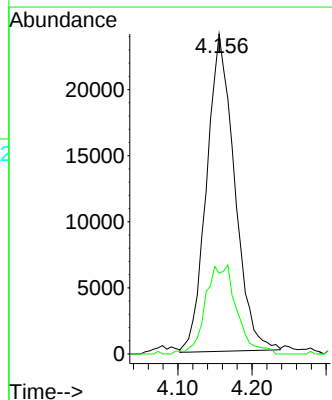
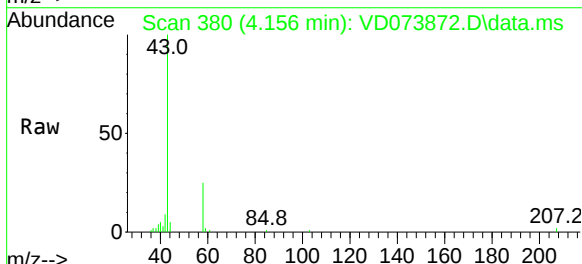
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

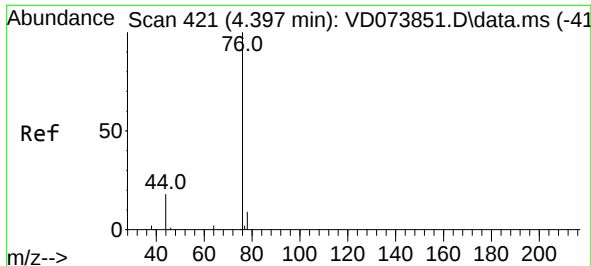
Tgt Ion: 53 Resp: 88776
Ion Ratio Lower Upper
53 100
52 78.7 67.2 100.8
51 36.6 30.3 45.5



#16
Acetone
Concen: 219.250 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 43 Resp: 62908
Ion Ratio Lower Upper
43 100
58 25.5 22.1 33.1

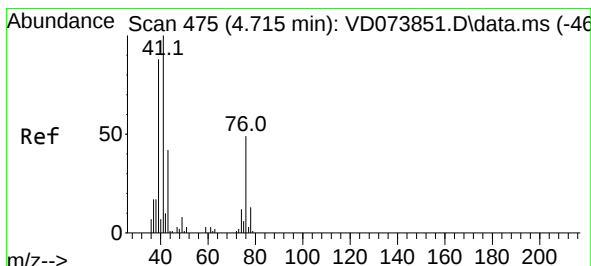
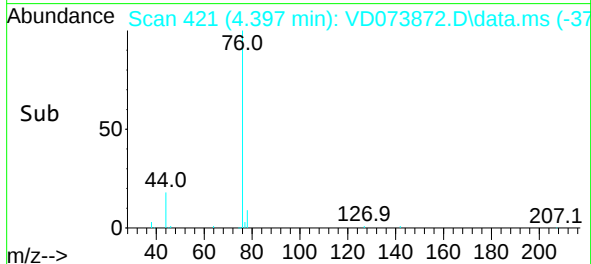
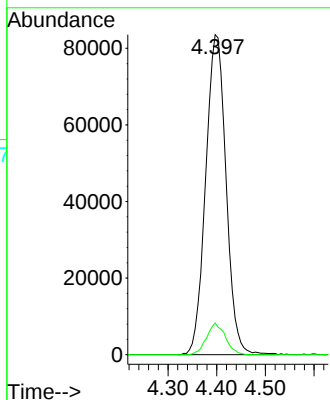
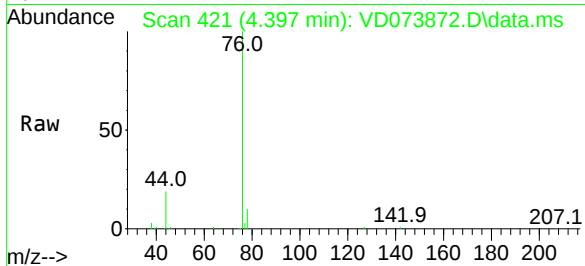




#17
Carbon Disulfide
Concen: 51.092 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

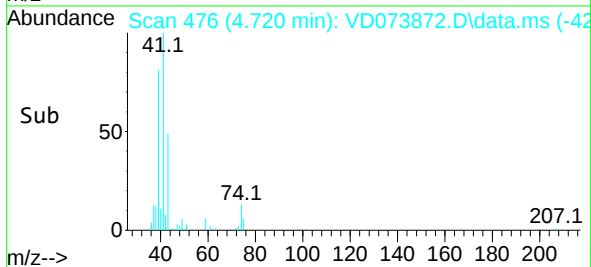
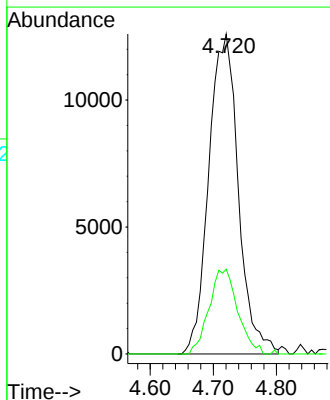
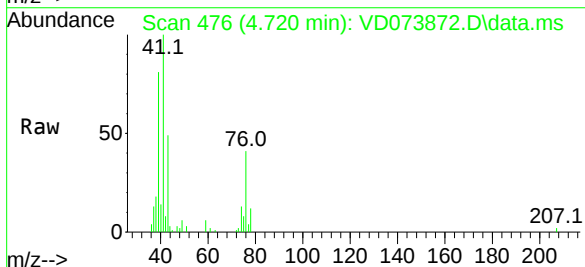
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

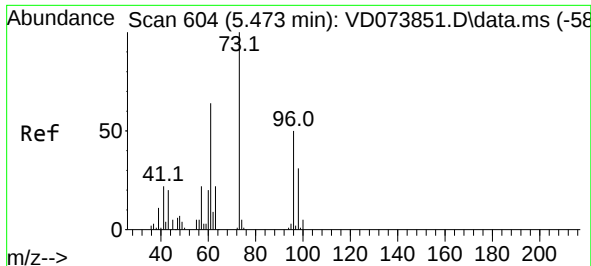
Tgt Ion: 76 Resp: 242935
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3



#18
Methyl Acetate
Concen: 61.060 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 43 Resp: 40928
Ion Ratio Lower Upper
43 100
74 25.6 16.7 25.1#

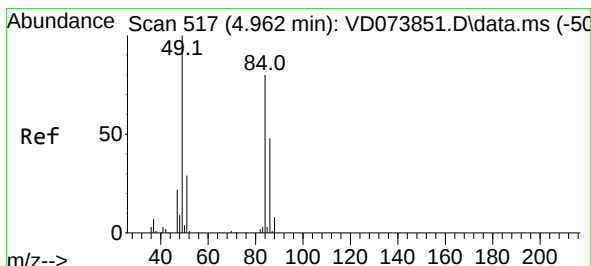
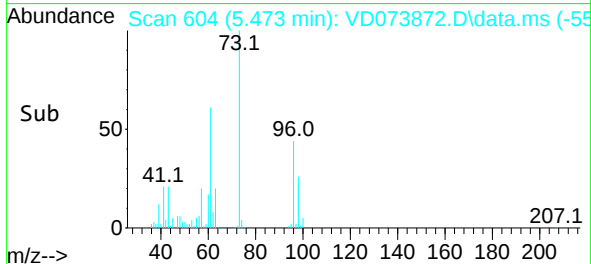
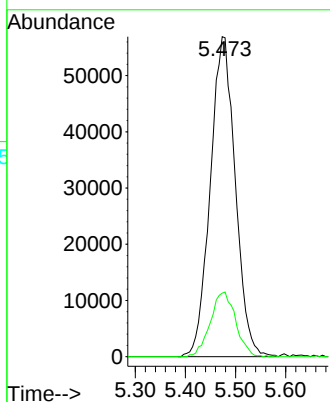
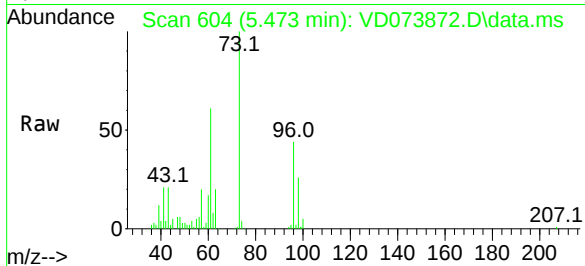




#19
Methyl tert-butyl Ether
Concen: 55.351 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

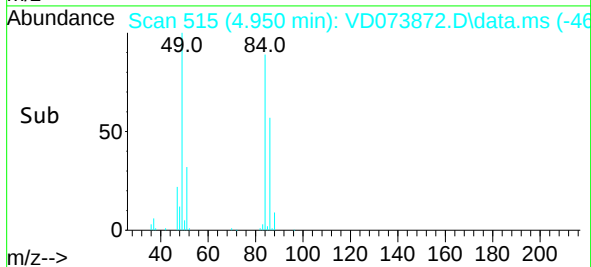
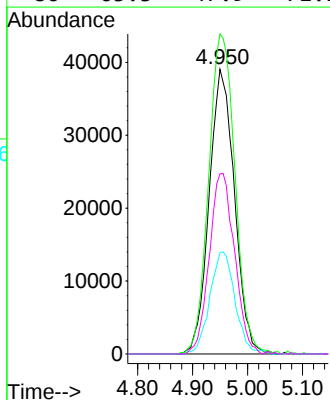
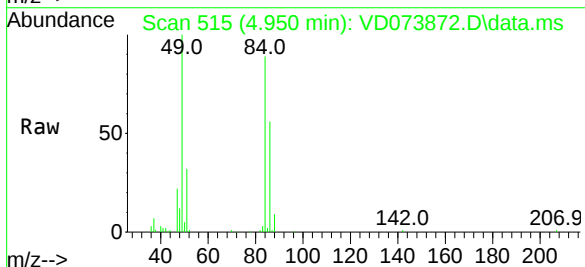
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

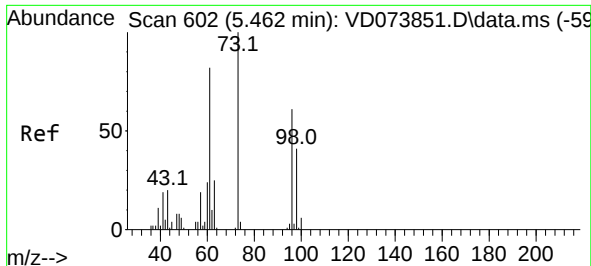
Tgt Ion: 73 Resp: 197291
Ion Ratio Lower Upper
73 100
57 19.9 18.0 27.0



#20
Methylene Chloride
Concen: 67.170 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 84 Resp: 125061
Ion Ratio Lower Upper
84 100
49 112.4 112.8 169.2#
51 35.5 32.6 48.8
86 63.3 47.9 71.9

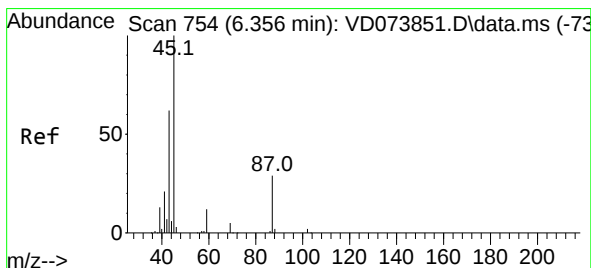
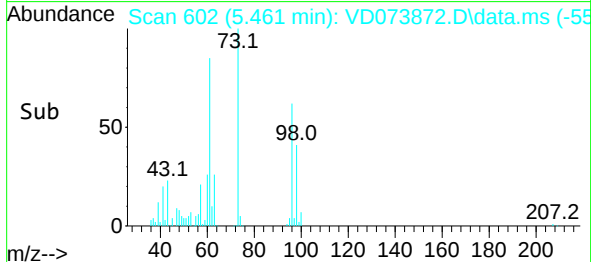
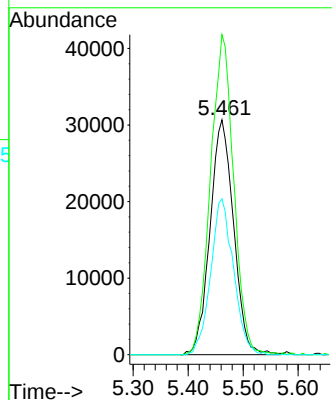
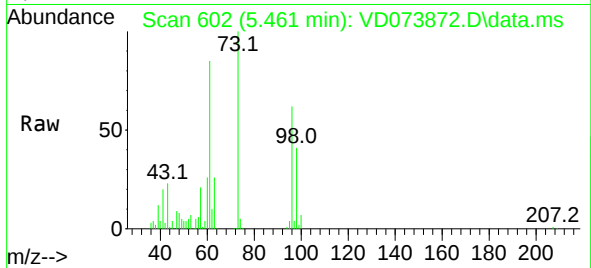




#21
trans-1,2-Dichloroethene
Concen: 51.986 ug/l
RT: 5.461 min Scan# 602
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

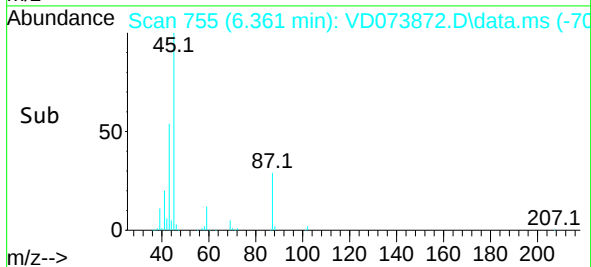
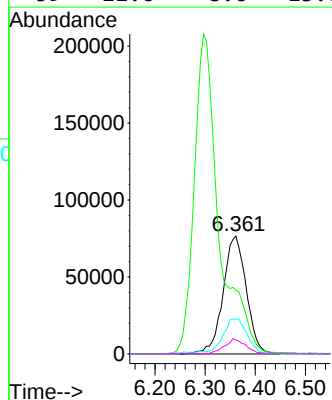
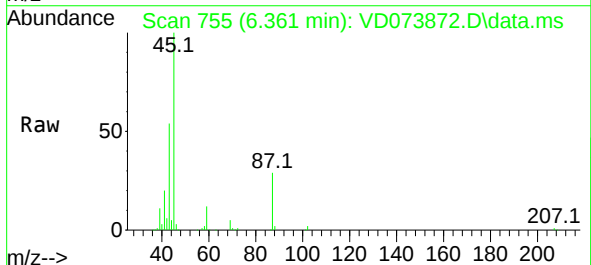
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

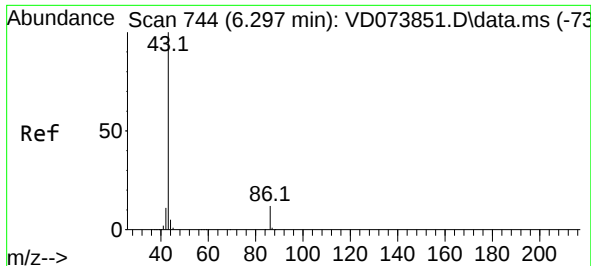
Tgt Ion: 96 Resp: 91451
Ion Ratio Lower Upper
96 100
61 136.3 117.9 176.9
98 66.4 49.4 74.2



#22
Diisopropyl ether
Concen: 53.285 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 45 Resp: 246296
Ion Ratio Lower Upper
45 100
43 52.6 46.6 70.0
87 29.1 18.4 27.6#
59 11.6 8.6 13.0

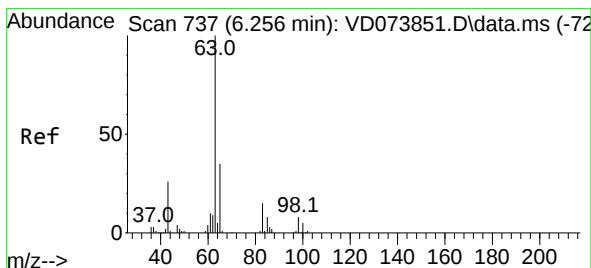
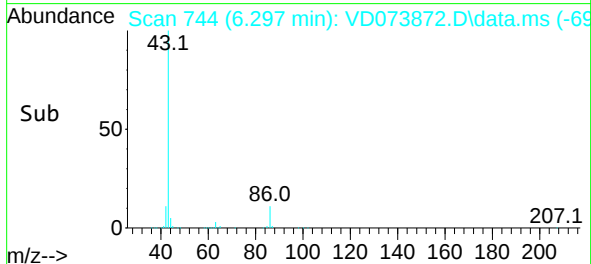
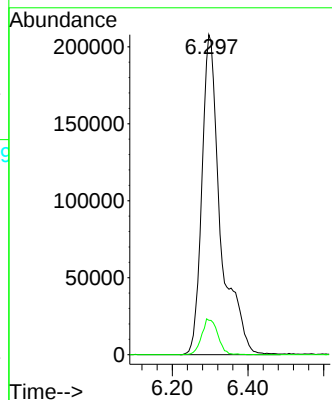
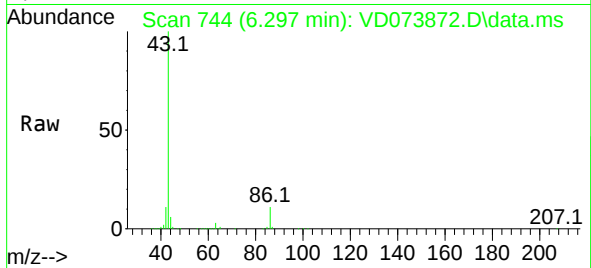




#23
 Vinyl Acetate
 Concen: 282.130 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073872.D
 Acq: 19 Jul 2022 20:45

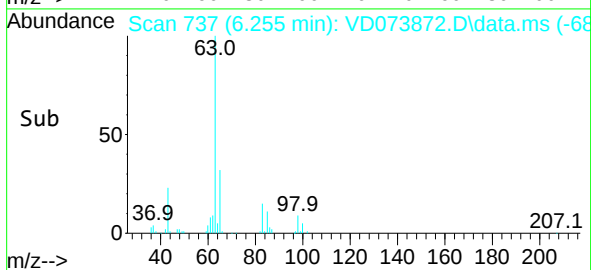
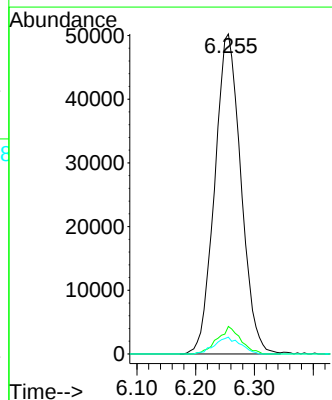
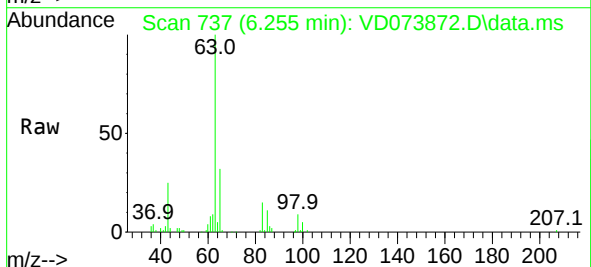
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

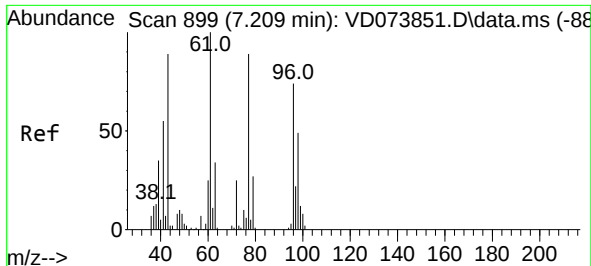
Tgt Ion: 43 Resp: 711806
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 50.926 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD073872.D
 Acq: 19 Jul 2022 20:45

Tgt Ion: 63 Resp: 155476
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.6 10.9
 100 5.3 2.1 6.5

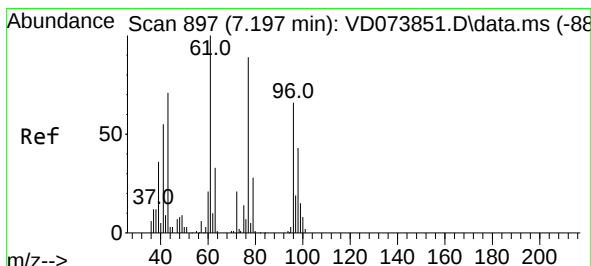
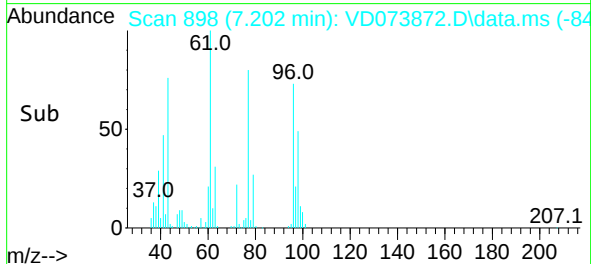
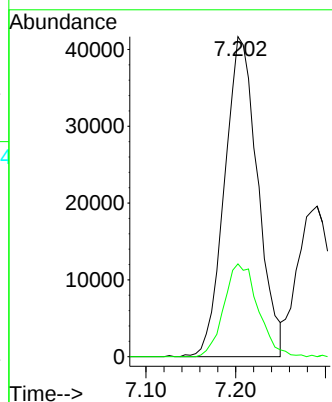
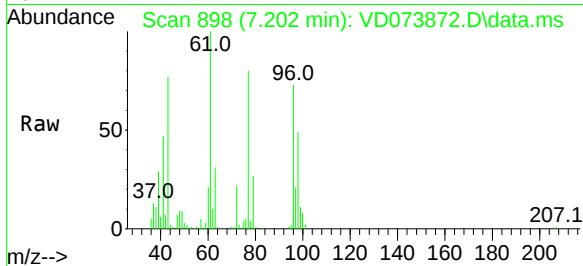




#25
2-Butanone
Concen: 261.999 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

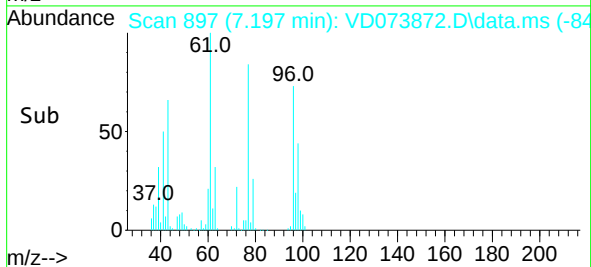
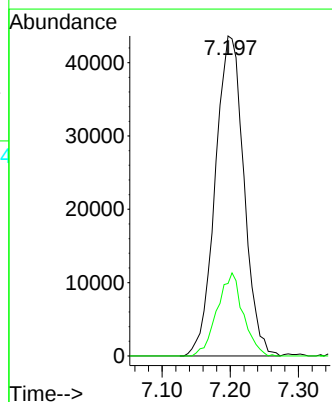
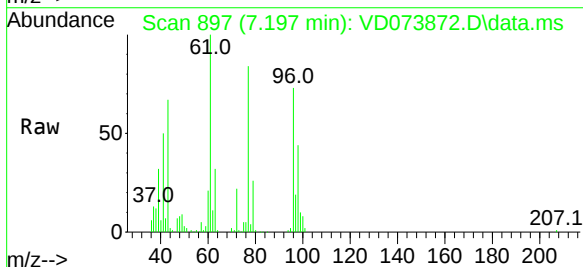
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

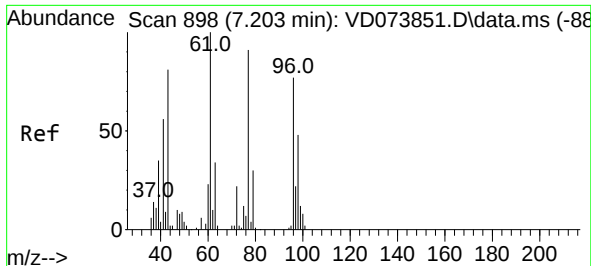
Tgt Ion: 43 Resp: 106698
Ion Ratio Lower Upper
43 100
72 29.0 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 46.971 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 77 Resp: 127344
Ion Ratio Lower Upper
77 100
97 23.5 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 53.491 ug/l

RT: 7.202 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

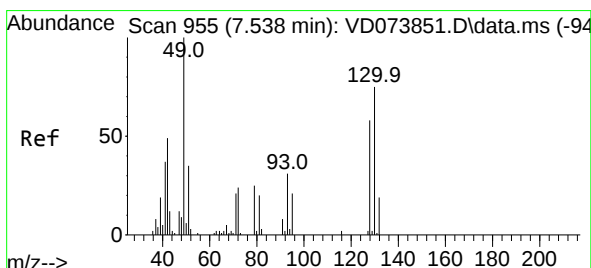
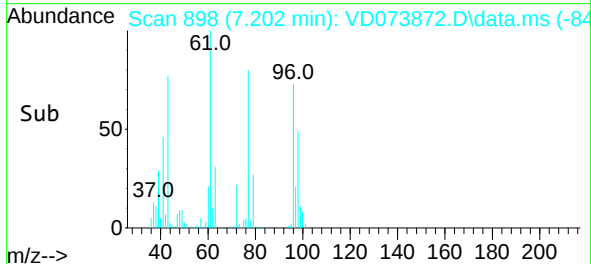
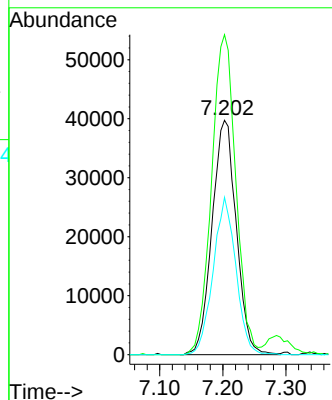
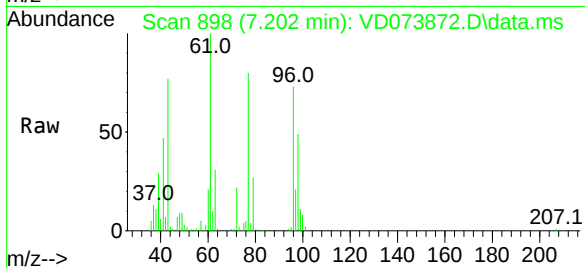
Tgt Ion: 96 Resp: 105937

Ion Ratio Lower Upper

96 100

61 136.6 0.0 313.8

98 63.1 0.0 128.8



#28

Bromochloromethane

Concen: 56.234 ug/l

RT: 7.538 min Scan# 955

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

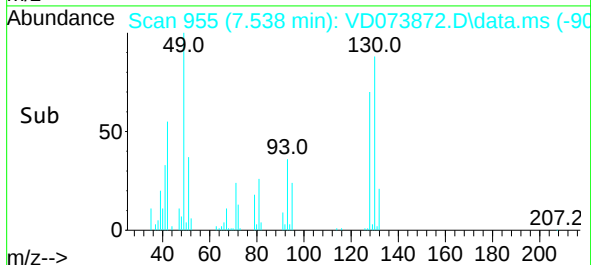
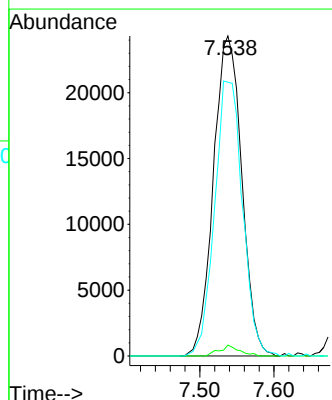
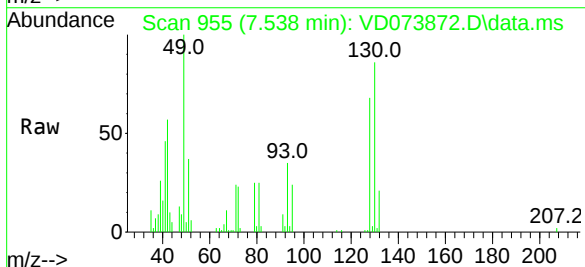
Tgt Ion: 49 Resp: 64414

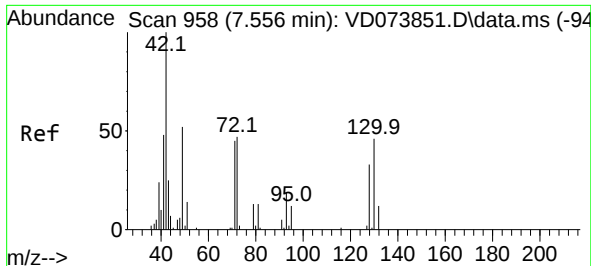
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.0

130 85.0 52.6 79.0#





#29

Tetrahydrofuran

Concen: 296.646 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

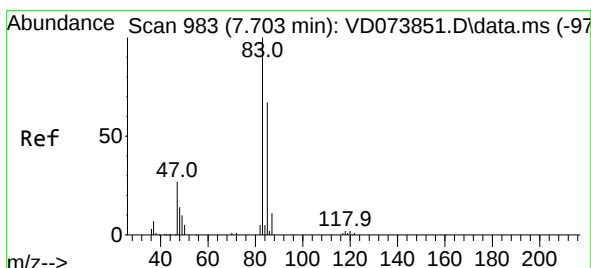
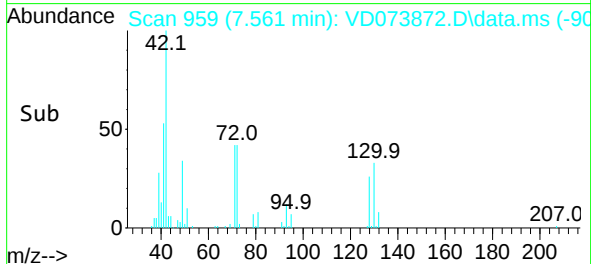
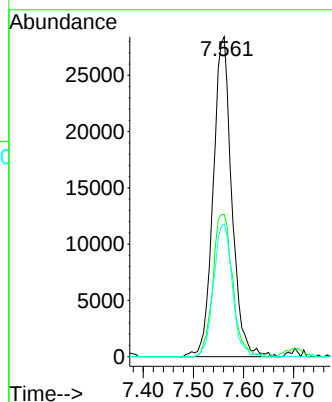
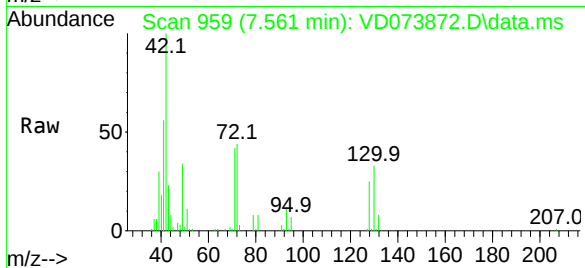
Tgt Ion: 42 Resp: 73254

Ion Ratio Lower Upper

42 100

72 47.1 30.7 46.1#

71 42.0 28.6 43.0



#30

Chloroform

Concen: 52.725 ug/l

RT: 7.697 min Scan# 982

Delta R.T. -0.006 min

Lab File: VD073872.D

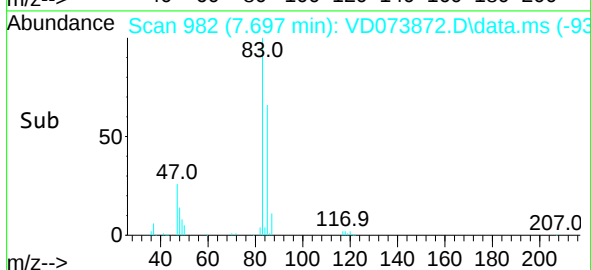
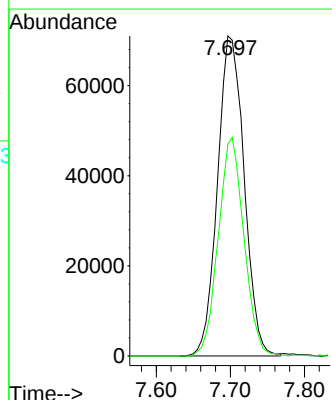
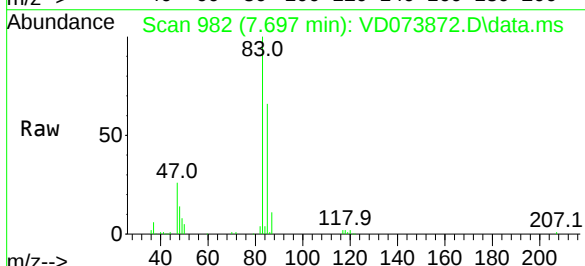
Acq: 19 Jul 2022 20:45

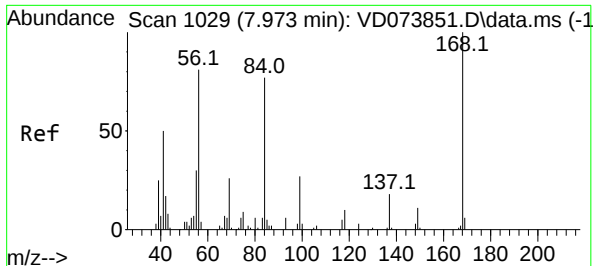
Tgt Ion: 83 Resp: 177181

Ion Ratio Lower Upper

83 100

85 66.2 52.7 79.1

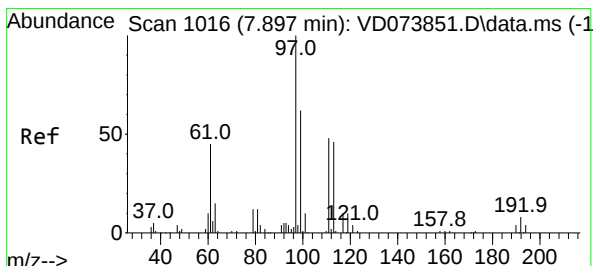
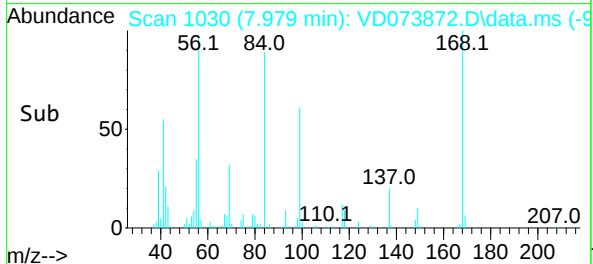
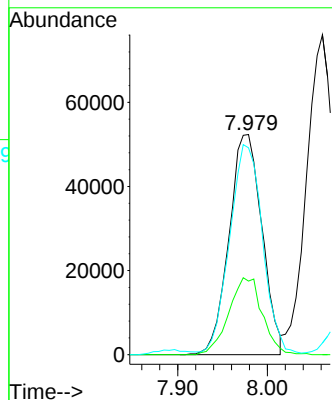
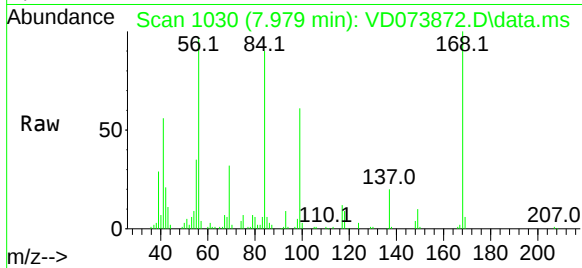




#31
Cyclohexane
Concen: 48.030 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

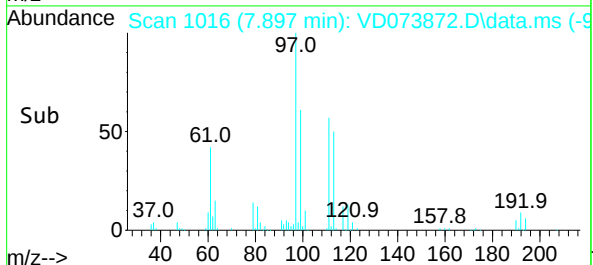
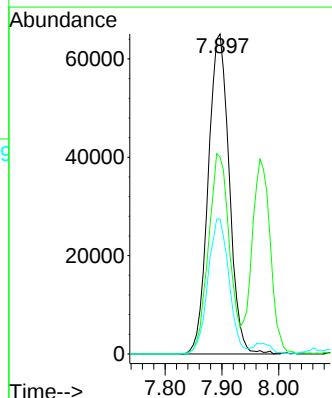
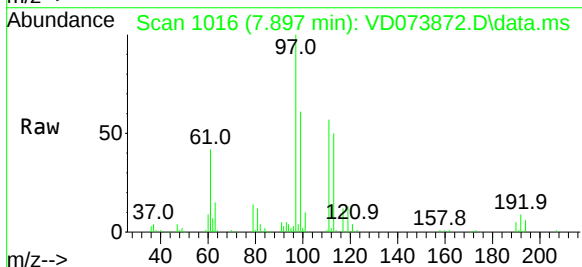
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

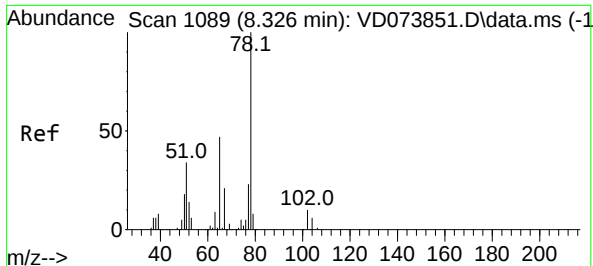
Tgt Ion: 56 Resp: 133448
Ion Ratio Lower Upper
56 100
69 33.5 25.4 38.2
84 92.4 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 53.311 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 97 Resp: 166671
Ion Ratio Lower Upper
97 100
99 62.3 52.4 78.6
61 42.4 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 53.707 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

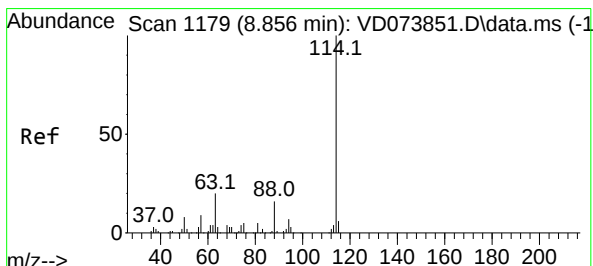
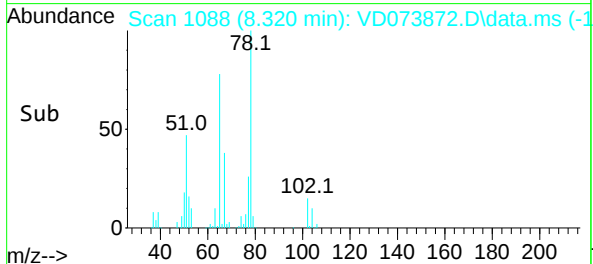
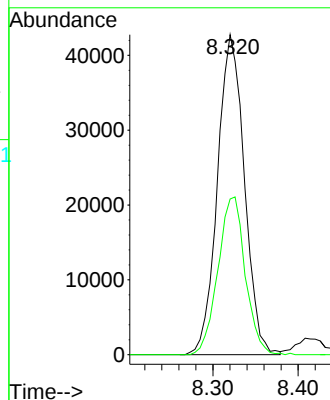
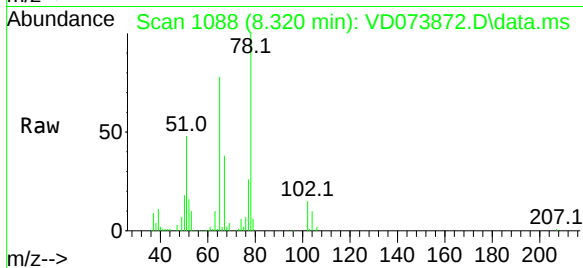
VSTDCCC050EC

Tgt Ion: 65 Resp: 93911

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

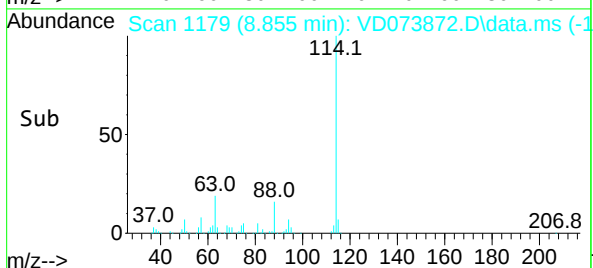
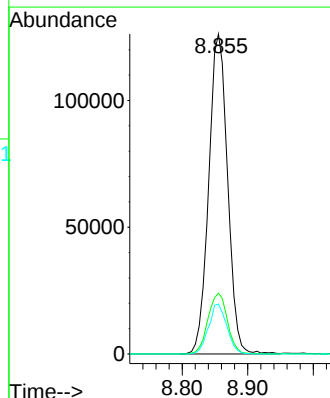
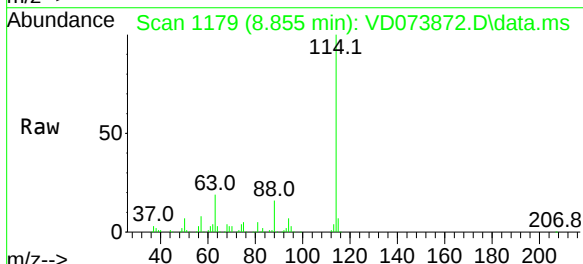
Tgt Ion: 114 Resp: 252017

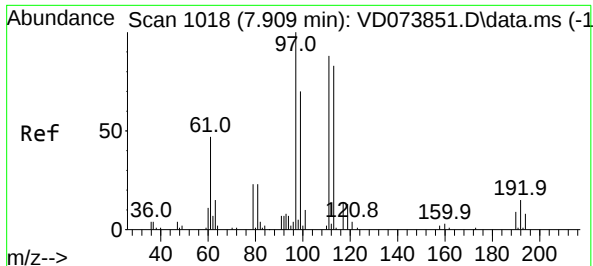
Ion Ratio Lower Upper

114 100

63 19.0 0.0 46.6

88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.599 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

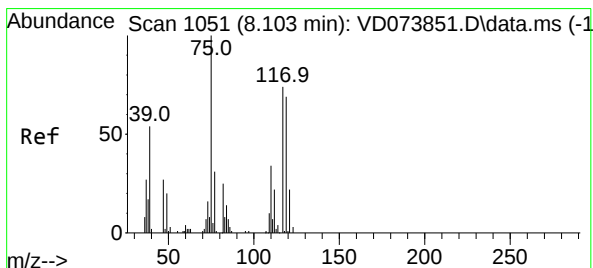
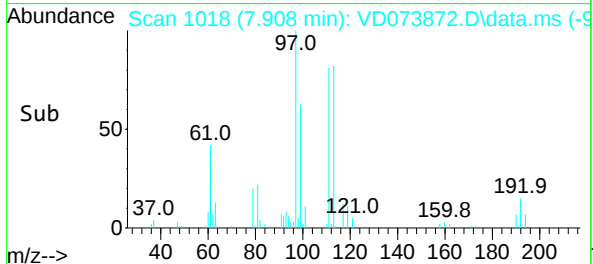
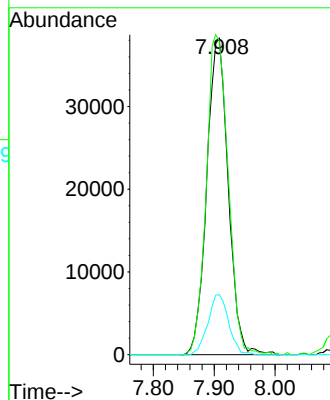
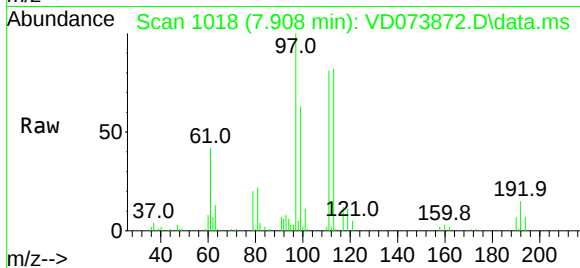
Tgt Ion:113 Resp: 93517

Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 18.3 14.6 21.8



#36

1,1-Dichloropropene

Concen: 50.830 ug/l

RT: 8.102 min Scan# 1051

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

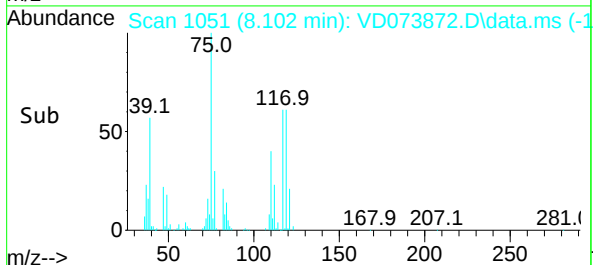
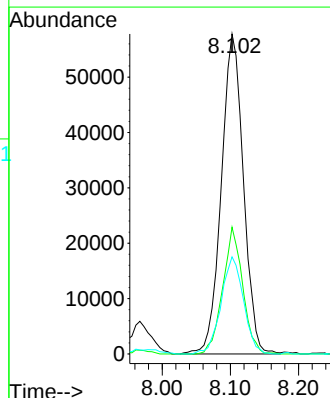
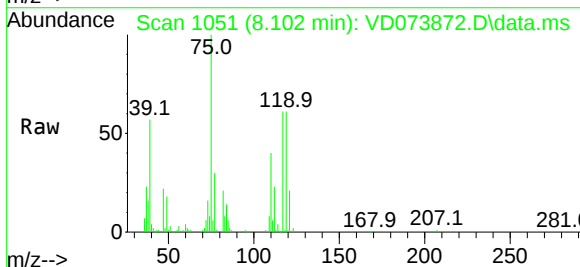
Tgt Ion: 75 Resp: 130374

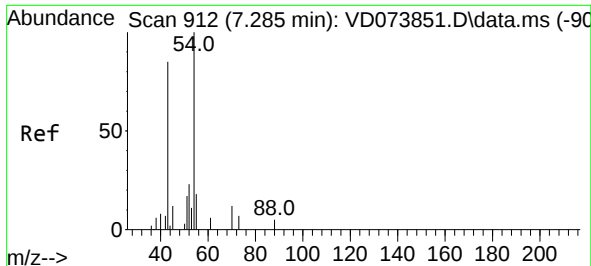
Ion Ratio Lower Upper

75 100

110 35.8 16.4 49.1

77 30.7 24.2 36.2

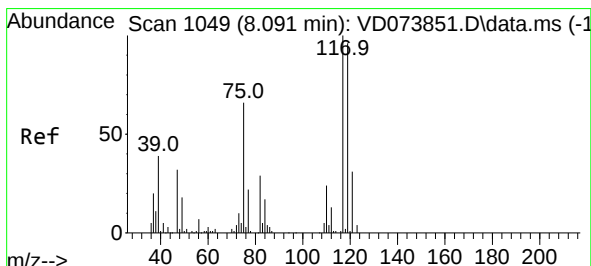
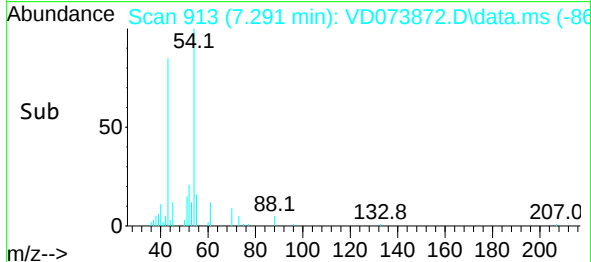
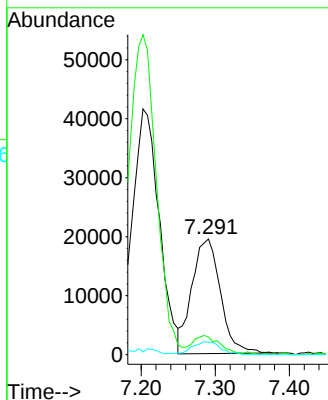
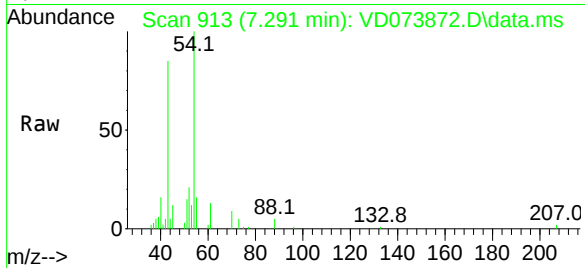




#37
Ethyl Acetate
Concen: 56.305 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

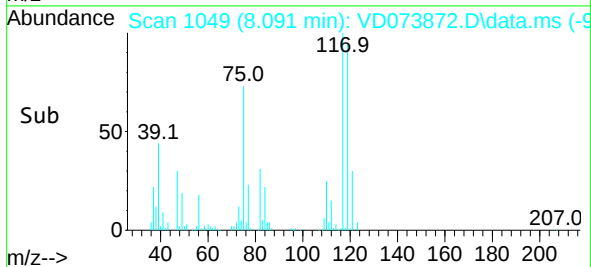
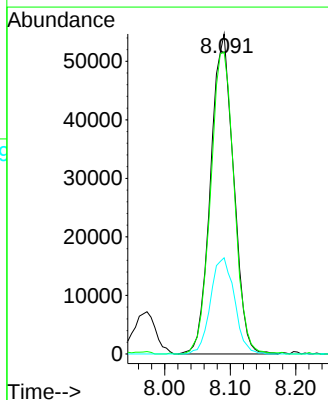
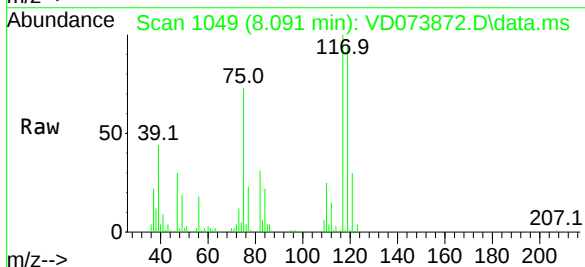
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

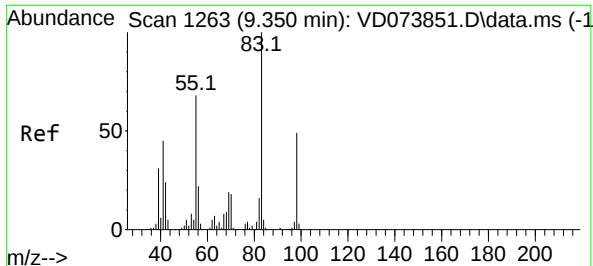
Tgt Ion: 43 Resp: 51928
Ion Ratio Lower Upper
43 100
61 14.5 9.8 14.8
70 11.3 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 45.355 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 117 Resp: 132853
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.6
121 30.1 24.5 36.7





#39

Methylcyclohexane

Concen: 50.826 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

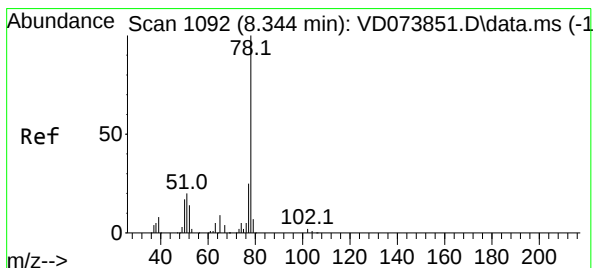
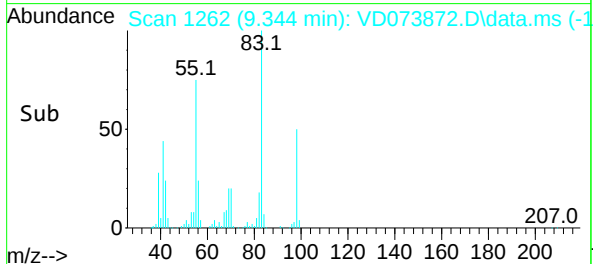
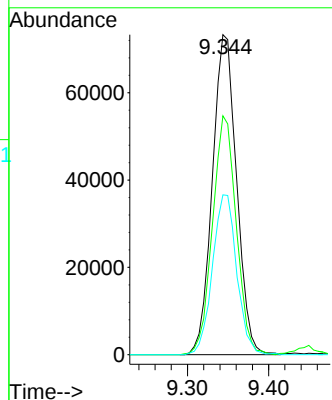
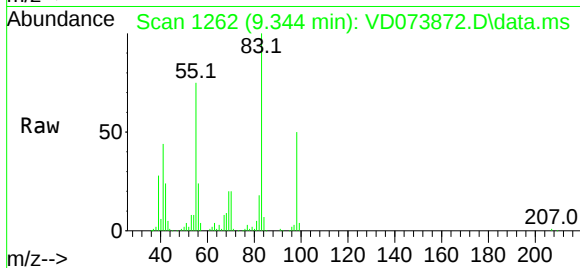
Tgt Ion: 83 Resp: 151958

Ion Ratio Lower Upper

83 100

55 74.7 63.2 94.8

98 50.0 38.2 57.4



#40

Benzene

Concen: 51.014 ug/l

RT: 8.338 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD073872.D

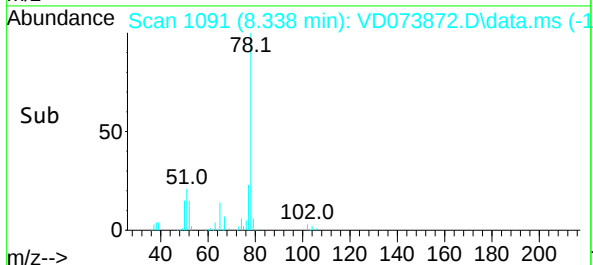
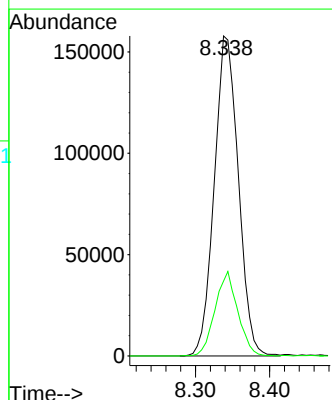
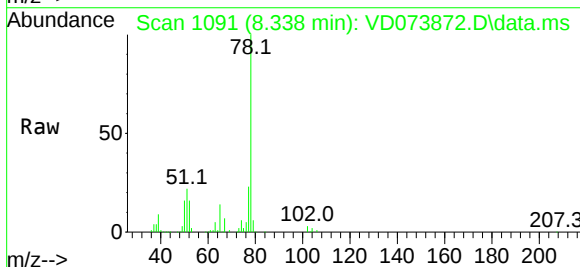
Acq: 19 Jul 2022 20:45

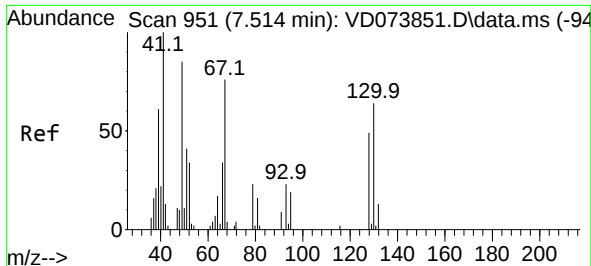
Tgt Ion: 78 Resp: 355990

Ion Ratio Lower Upper

78 100

77 23.4 19.1 28.7



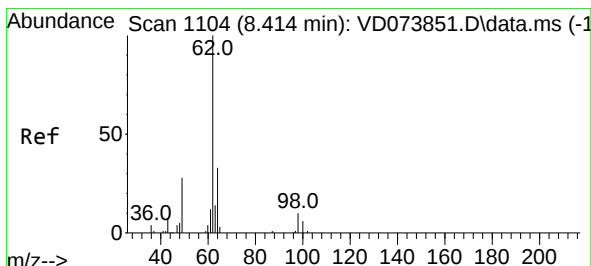
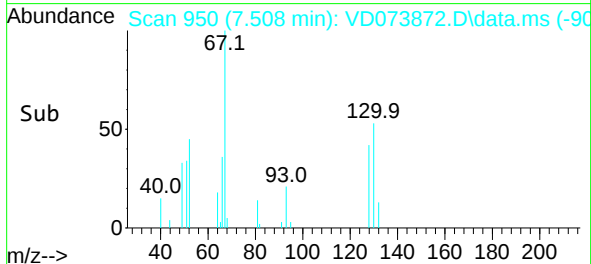
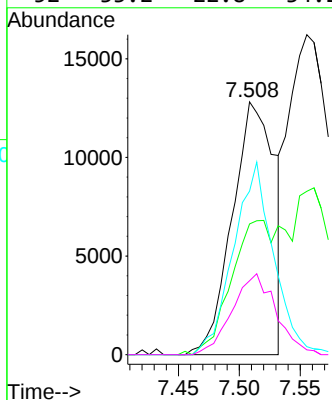
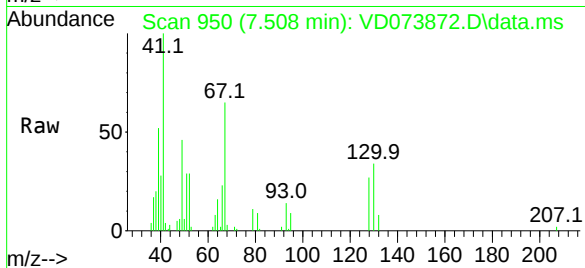


#41
Methacrylonitrile
Concen: 53.992 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 30944

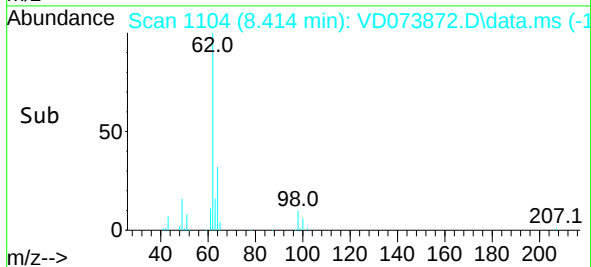
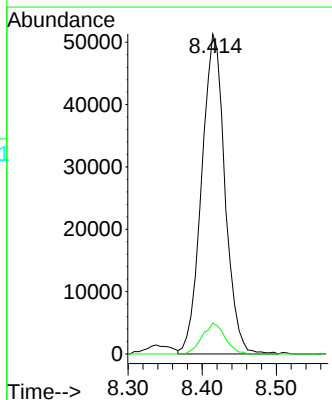
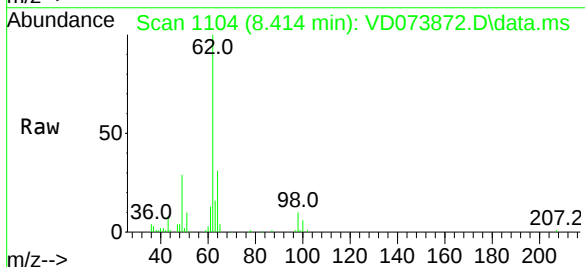
Ion	Ratio	Lower	Upper
41	100		
39	49.9	44.6	67.0
67	72.2	48.2	72.4
52	33.2	22.8	34.2

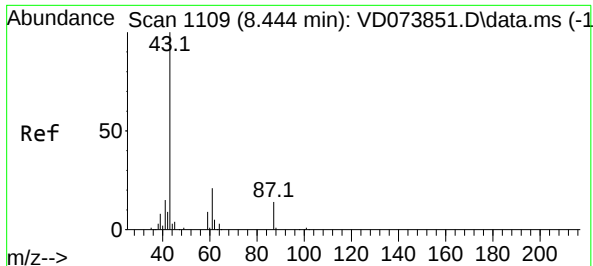


#42
1,2-Dichloroethane
Concen: 52.536 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 62 Resp: 112202

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.6

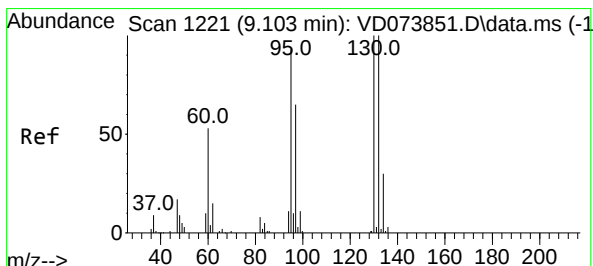
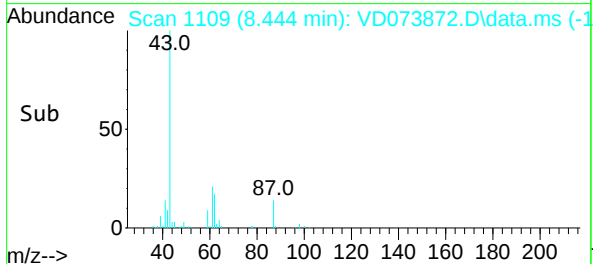
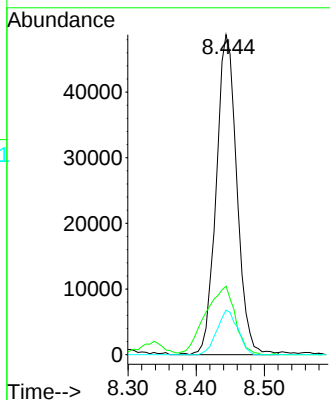
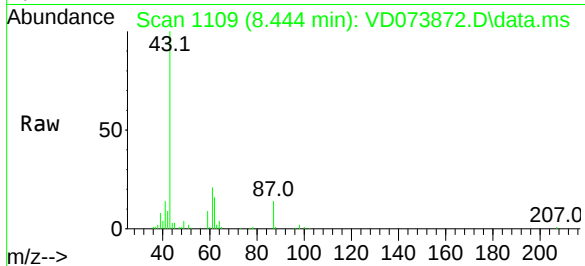




#43
Isopropyl Acetate
Concen: 55.720 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

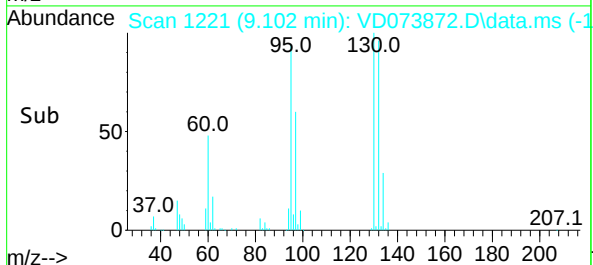
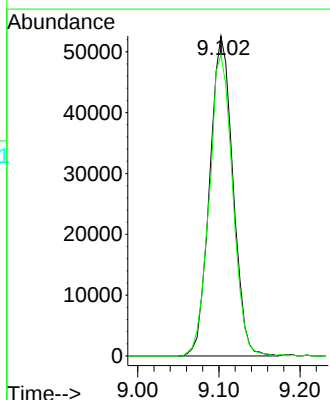
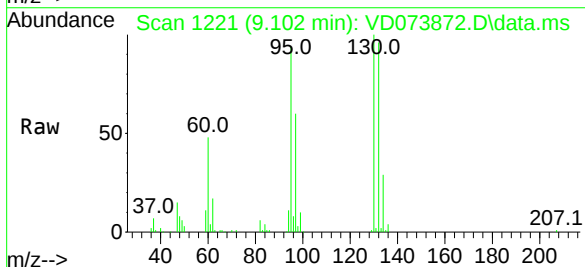
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

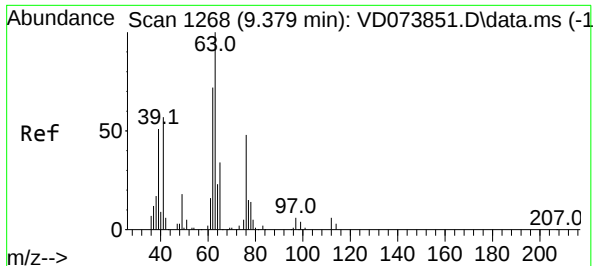
Tgt Ion: 43 Resp: 102695
Ion Ratio Lower Upper
43 100
61 30.9 22.4 33.6
87 14.0 8.7 13.1#



#44
Trichloroethene
Concen: 53.695 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion:130 Resp: 104572
Ion Ratio Lower Upper
130 100
95 94.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 51.812 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

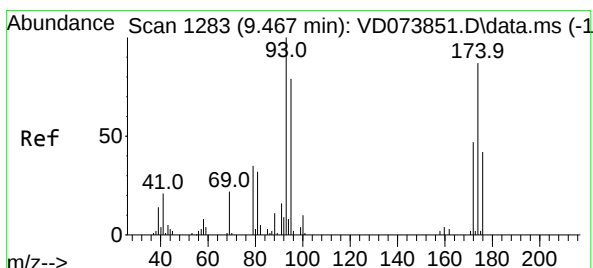
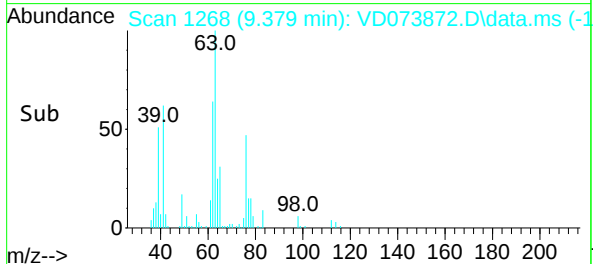
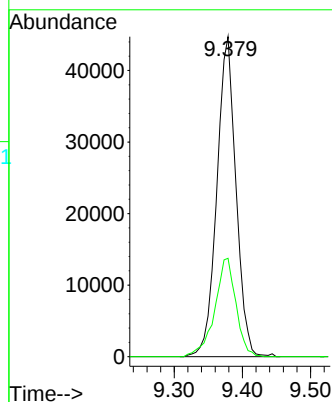
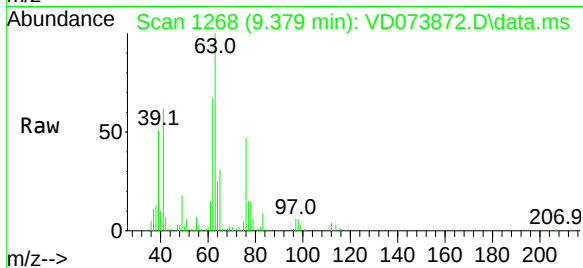
VSTDCCC050EC

Tgt Ion: 63 Resp: 87392

Ion Ratio Lower Upper

63 100

65 30.8 26.2 39.4



#46

Dibromomethane

Concen: 54.932 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

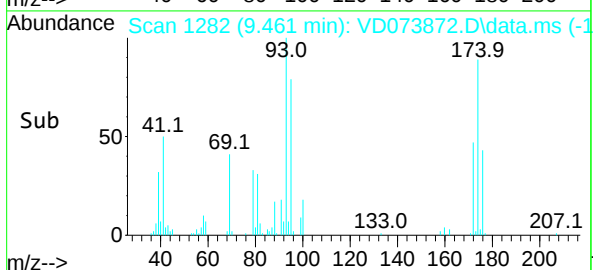
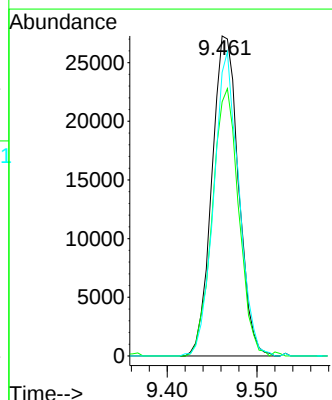
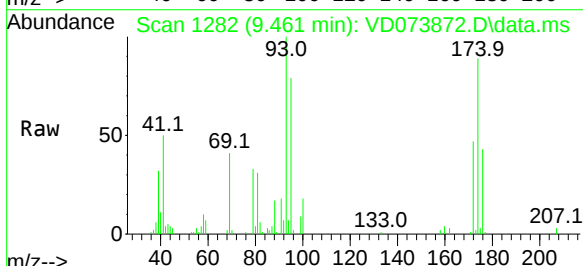
Tgt Ion: 93 Resp: 56201

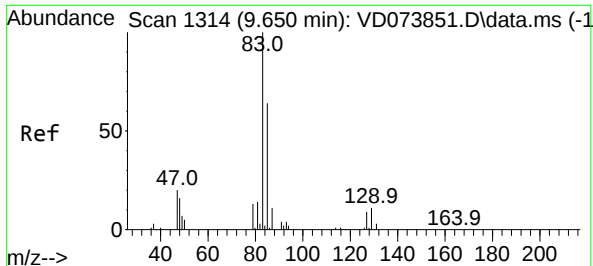
Ion Ratio Lower Upper

93 100

95 82.5 66.7 100.1

174 89.4 71.6 107.4





#47

Bromodichloromethane

Concen: 51.383 ug/l

RT: 9.649 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

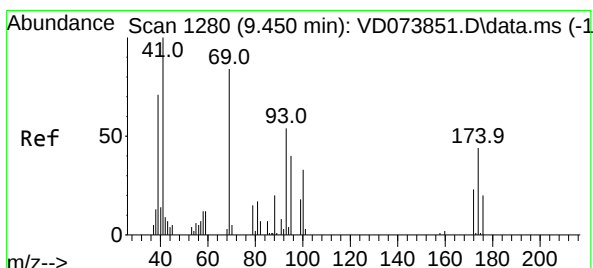
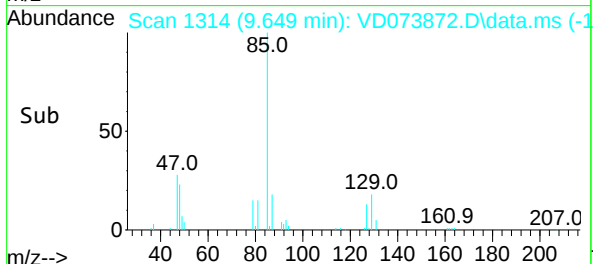
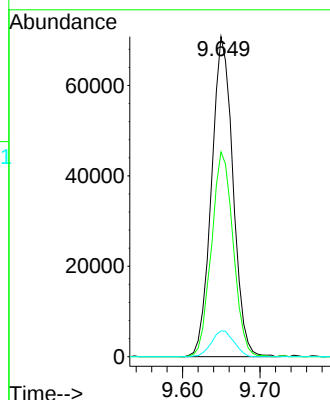
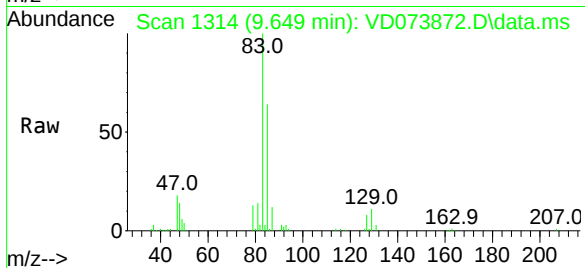
Tgt Ion: 83 Resp: 136112

Ion Ratio Lower Upper

83 100

85 64.0 51.4 77.0

127 8.0 6.1 9.1



#48

Methyl methacrylate

Concen: 54.831 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

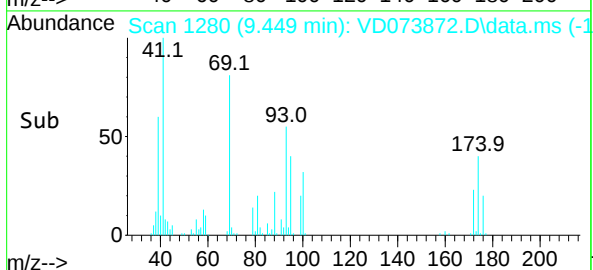
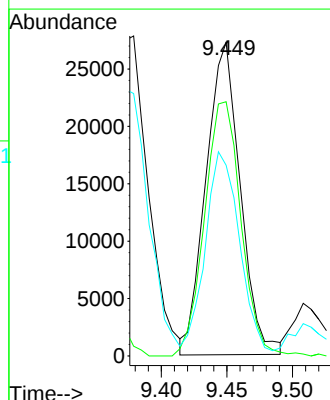
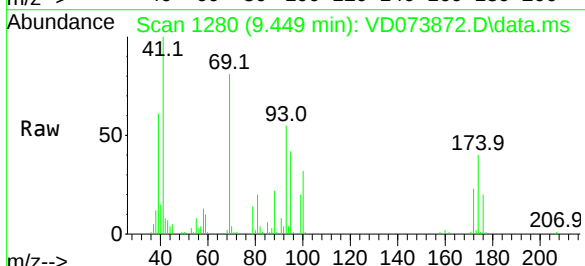
Tgt Ion: 41 Resp: 49547

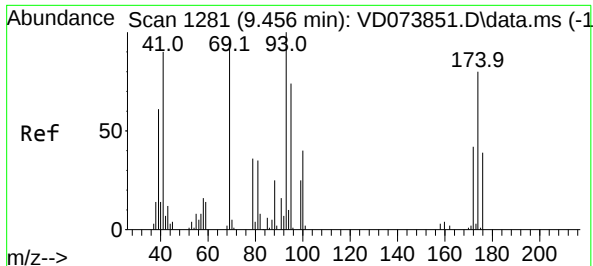
Ion Ratio Lower Upper

41 100

69 86.7 56.7 85.1#

39 62.3 42.7 64.1





#49

1,4-Dioxane

Concen: 1261.661 ug/l

RT: 9.455 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

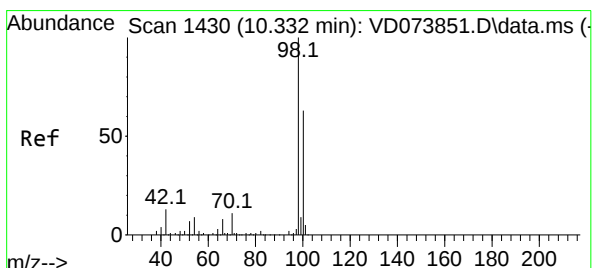
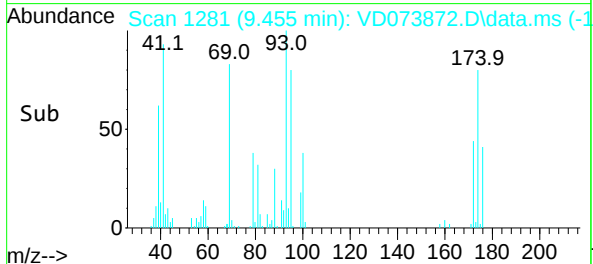
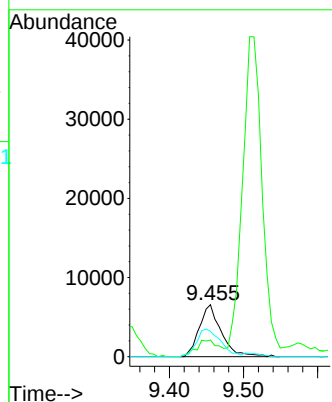
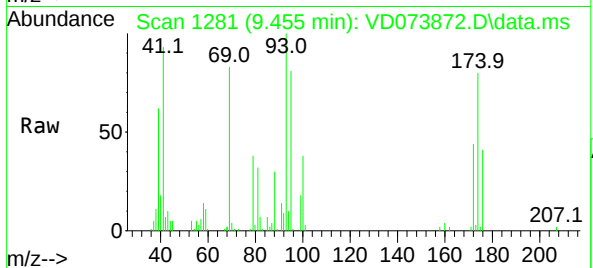
Tgt Ion: 88 Resp: 13506

Ion Ratio Lower Upper

88 100

43 32.7 31.0 46.4

58 57.6 58.1 87.1#



#50

Toluene-d8

Concen: 51.908 ug/l

RT: 10.326 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VD073872.D

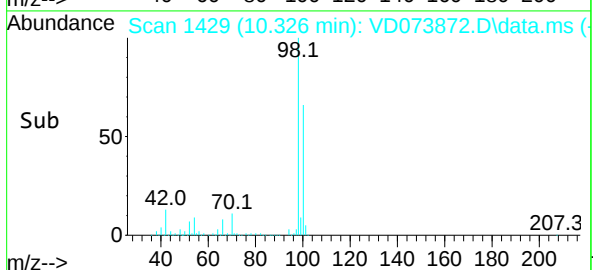
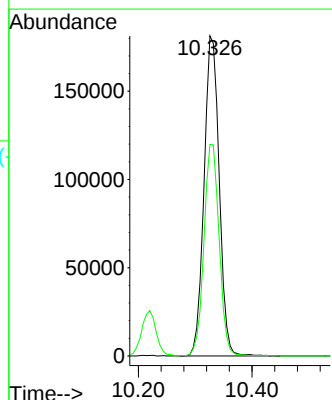
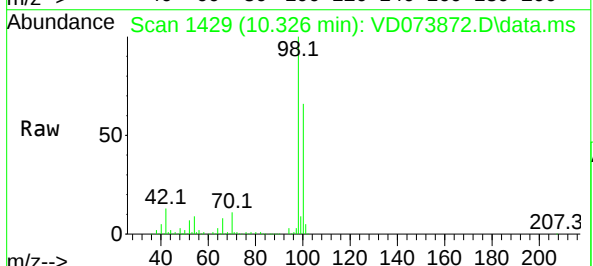
Acq: 19 Jul 2022 20:45

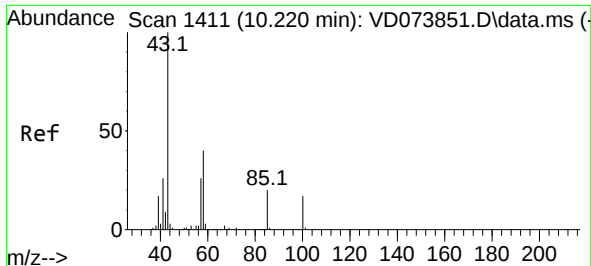
Tgt Ion: 98 Resp: 335030

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6

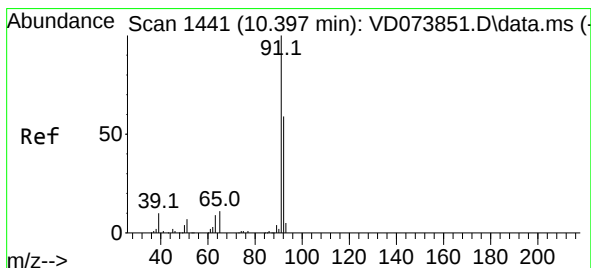
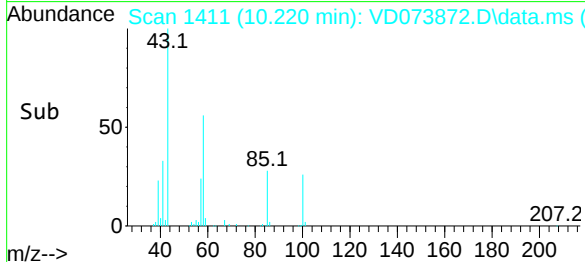
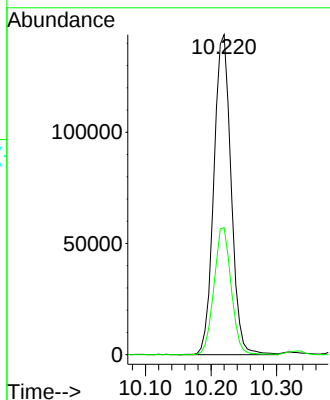
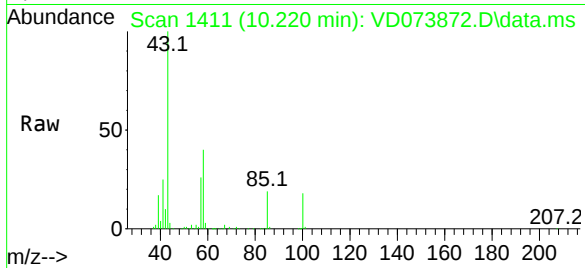




#51
4-Methyl-2-Pentanone
Concen: 284.315 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

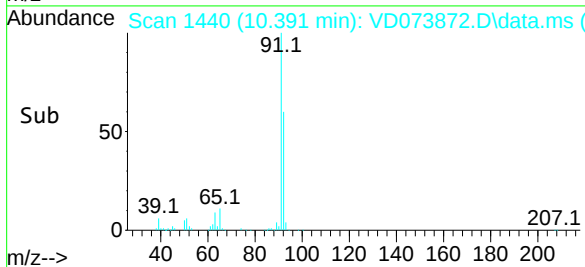
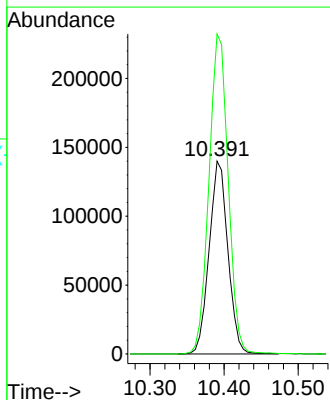
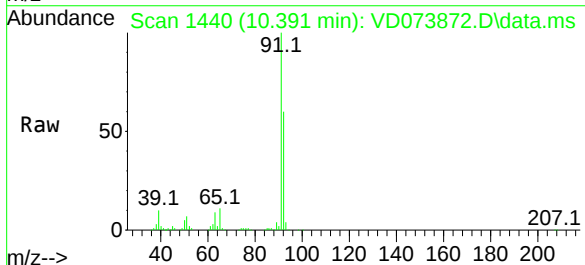
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

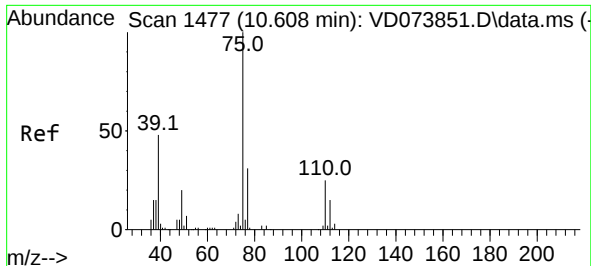
Tgt Ion: 43 Resp: 261971
Ion Ratio Lower Upper
43 100
58 39.7 28.6 43.0



#52
Toluene
Concen: 52.308 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 92 Resp: 245668
Ion Ratio Lower Upper
92 100
91 170.2 139.6 209.4

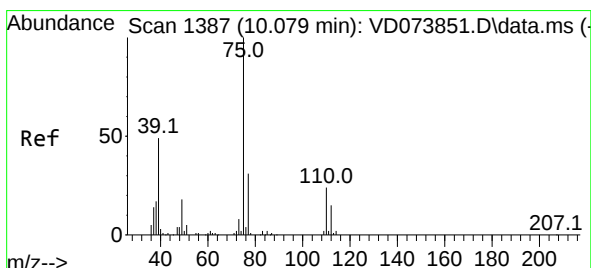
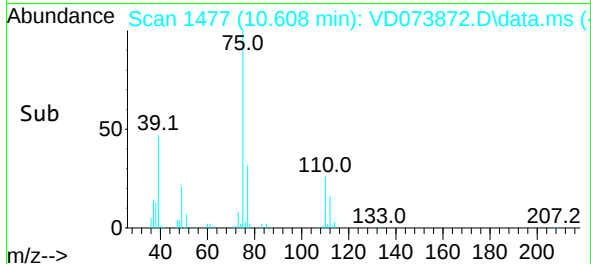
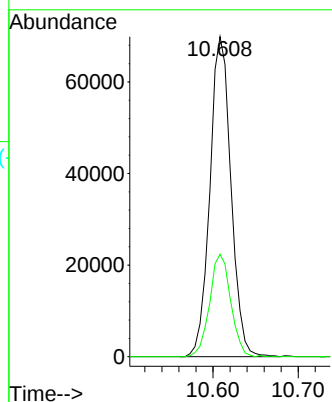
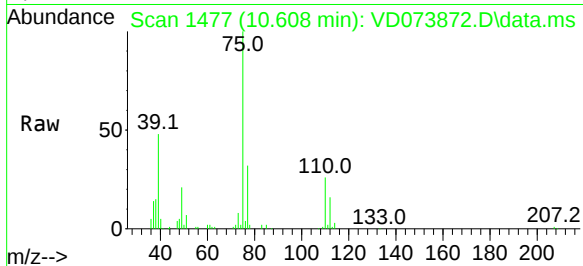




#53
t-1,3-Dichloropropene
Concen: 51.445 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

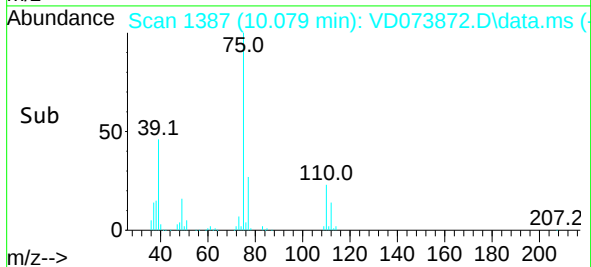
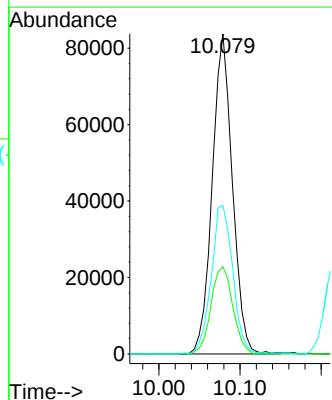
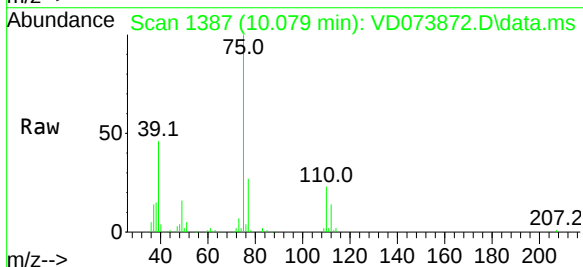
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

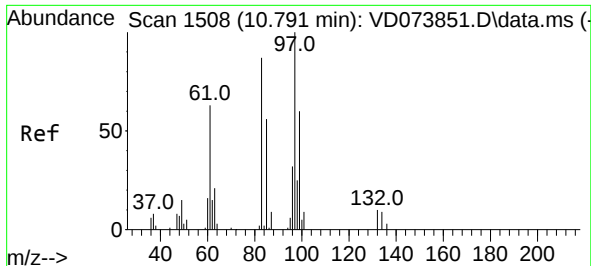
Tgt Ion: 75 Resp: 120305
Ion Ratio Lower Upper
75 100
77 32.0 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 53.382 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 75 Resp: 144447
Ion Ratio Lower Upper
75 100
77 27.3 24.8 37.2
39 46.5 46.8 70.2#

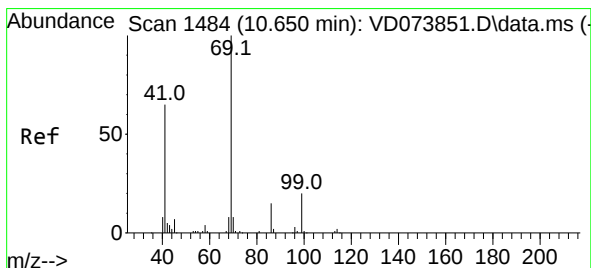
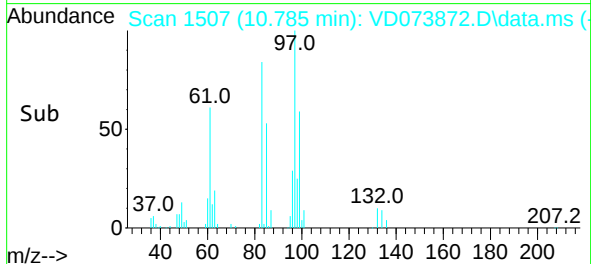
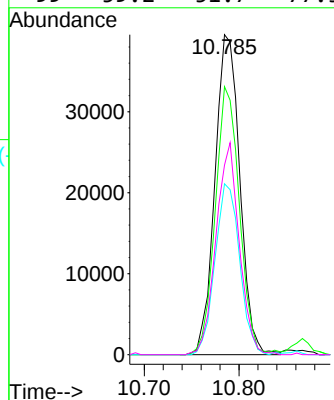
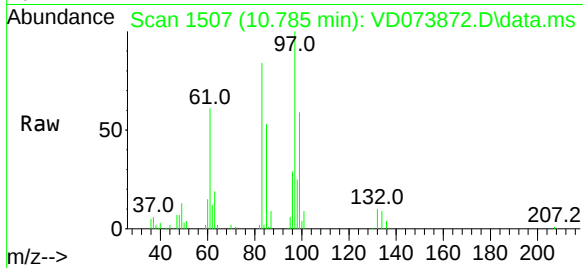




#55
1,1,2-Trichloroethane
Concen: 55.513 ug/l
RT: 10.785 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

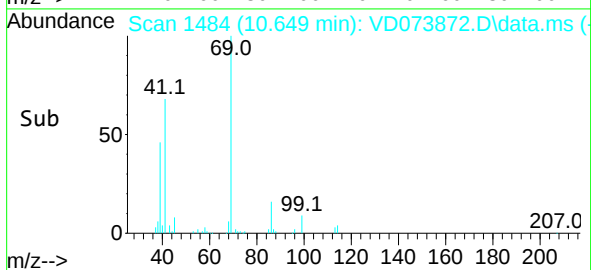
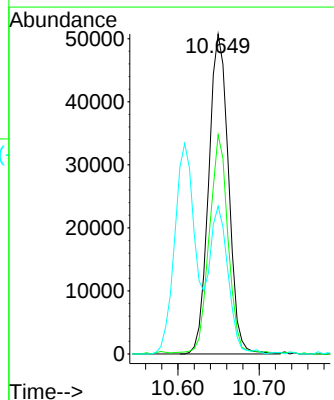
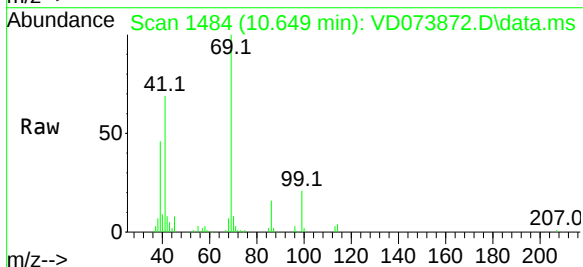
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

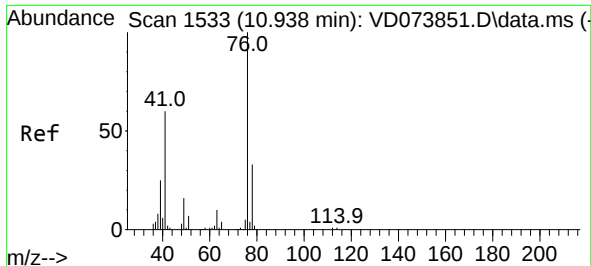
Tgt Ion: 97	Resp: 72245
Ion Ratio	Lower Upper
97 100	
83 83.7	69.0 103.4
85 53.4	42.6 63.8
99 59.2	51.7 77.5



#56
Ethyl methacrylate
Concen: 57.131 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 69	Resp: 86077
Ion Ratio	Lower Upper
69 100	
41 63.9	63.0 94.6
39 42.3	33.8 50.8





#57

1,3-Dichloropropane

Concen: 52.919 ug/l

RT: 10.932 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

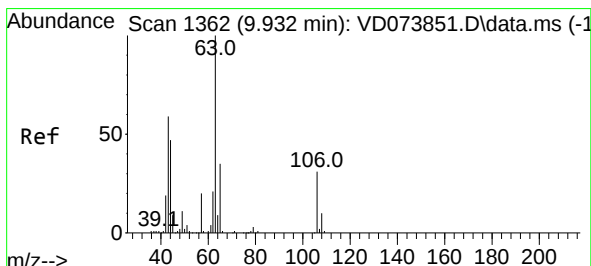
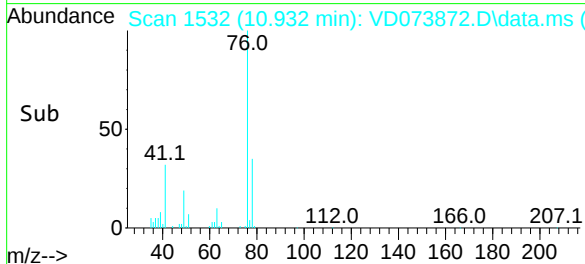
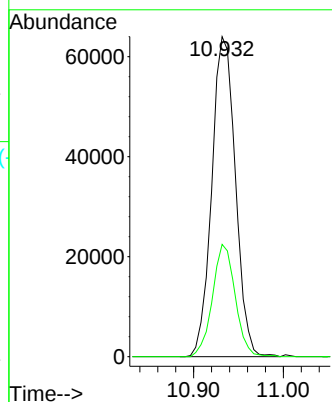
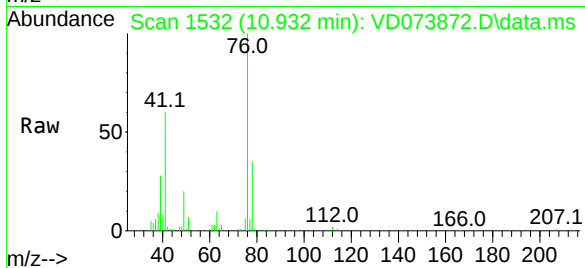
VSTDCCC050EC

Tgt Ion: 76 Resp: 117125

Ion Ratio Lower Upper

76 100

78 33.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 226.408 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073872.D

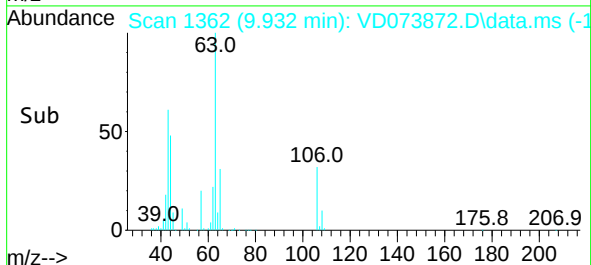
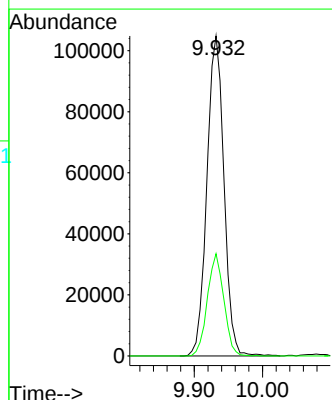
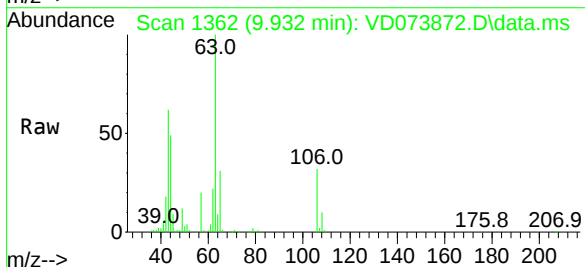
Acq: 19 Jul 2022 20:45

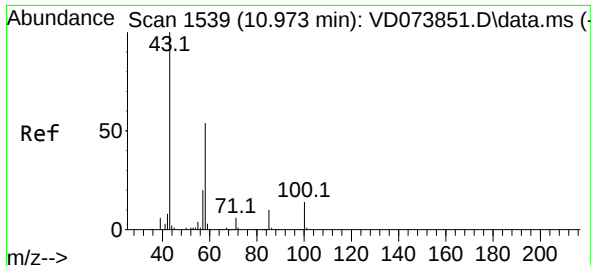
Tgt Ion: 63 Resp: 182405

Ion Ratio Lower Upper

63 100

106 30.9 21.4 32.0

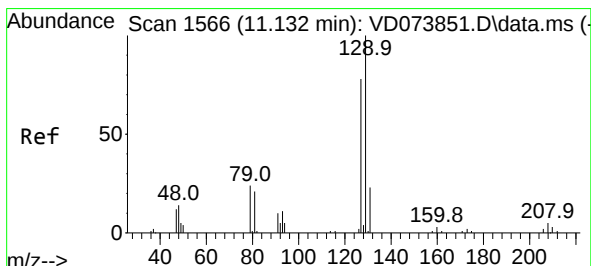
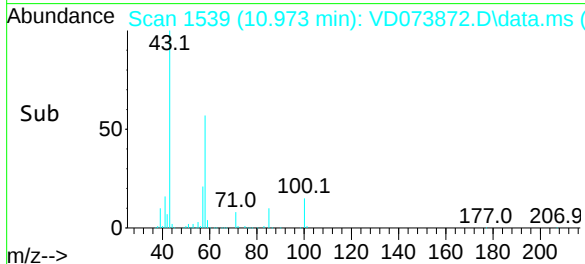
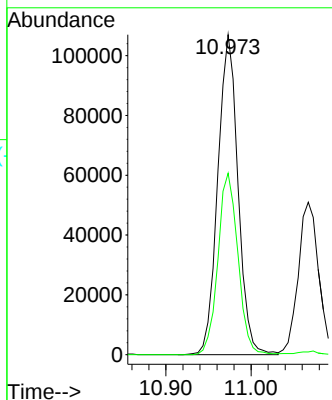
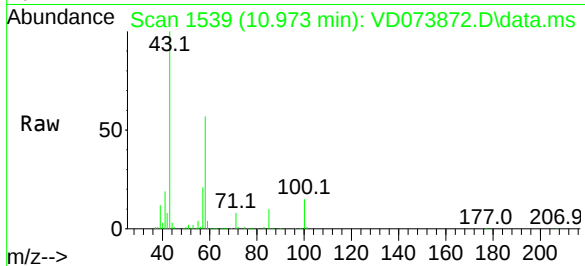




#59
2-Hexanone
Concen: 280.670 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

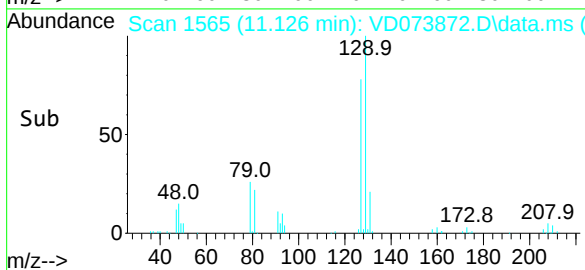
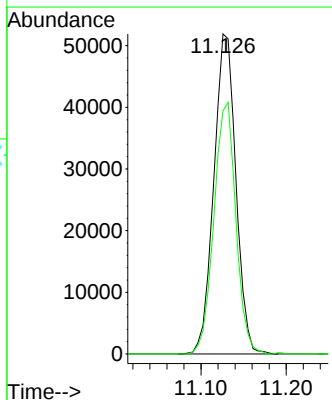
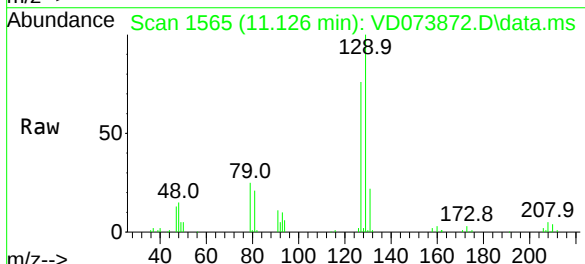
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

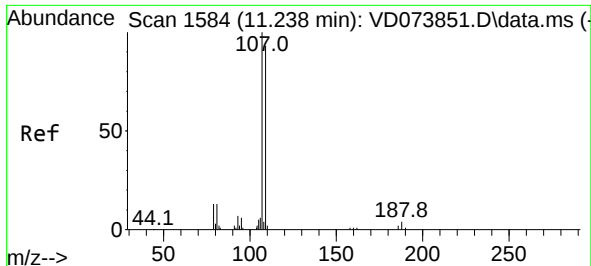
Tgt Ion: 43 Resp: 176709
Ion Ratio Lower Upper
43 100
58 56.0 25.3 75.9



#60
Dibromochloromethane
Concen: 53.032 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 129 Resp: 93494
Ion Ratio Lower Upper
129 100
127 78.2 39.2 117.6

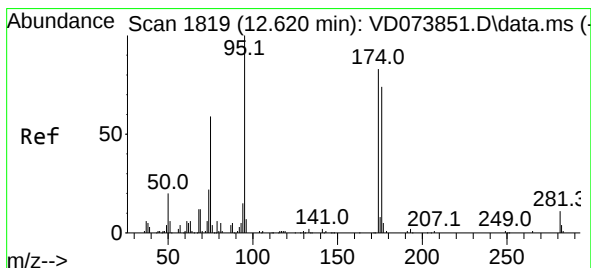
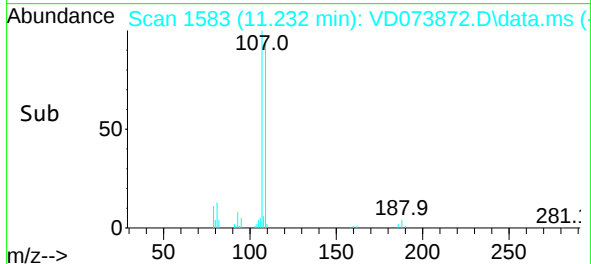
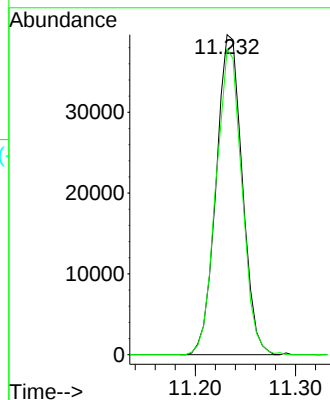
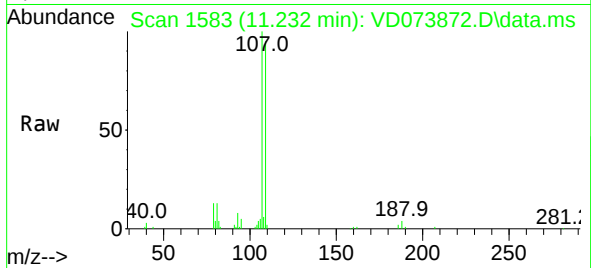




#61
1,2-Dibromoethane
Concen: 54.329 ug/l
RT: 11.232 min Scan# 1583
Delta R.T. -0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

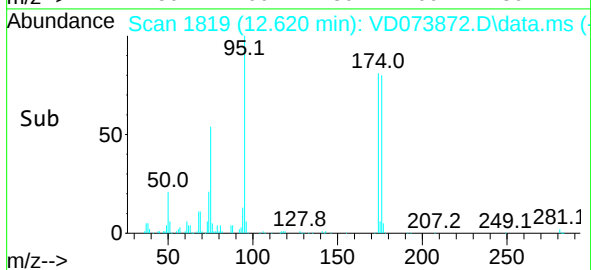
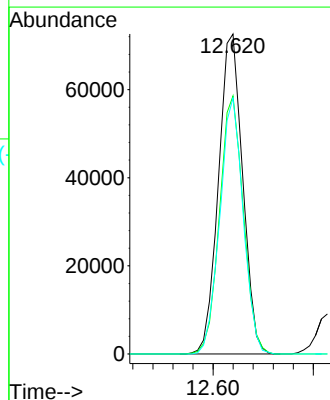
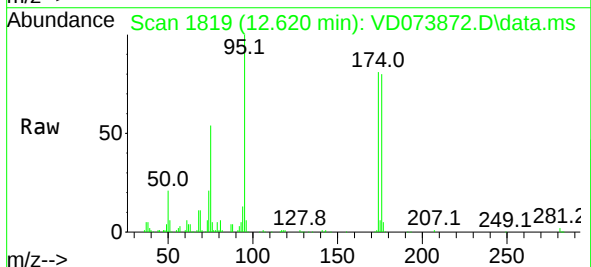
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

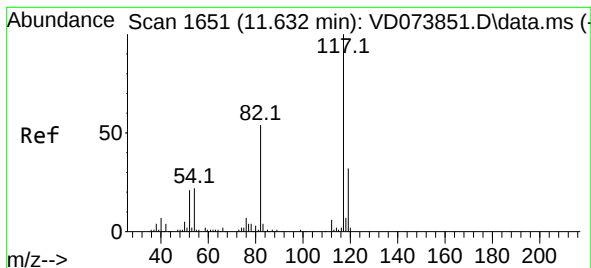
Tgt Ion:107 Resp: 71537
Ion Ratio Lower Upper
107 100
109 94.9 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 54.637 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 95 Resp: 121246
Ion Ratio Lower Upper
95 100
174 79.4 0.0 152.8
176 77.1 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

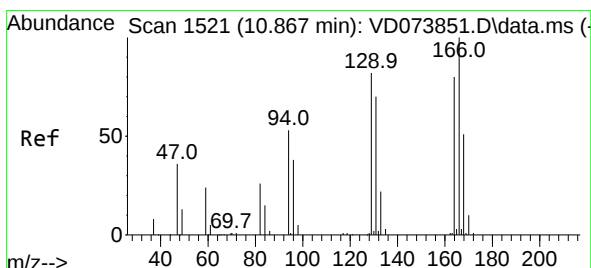
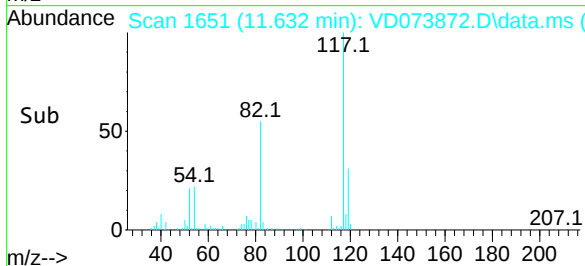
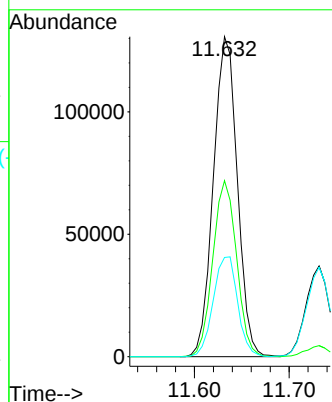
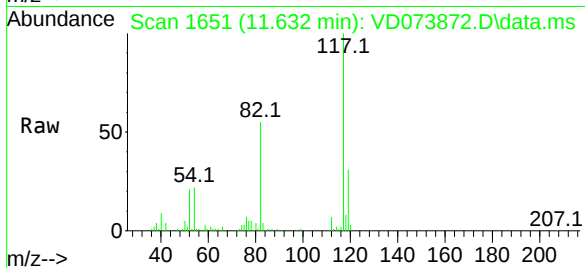
Tgt Ion:117 Resp: 229338

Ion Ratio Lower Upper

117 100

82 55.0 45.3 67.9

119 31.0 26.6 40.0



#64

Tetrachloroethene

Concen: 58.413 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

Tgt Ion:164 Resp: 89346

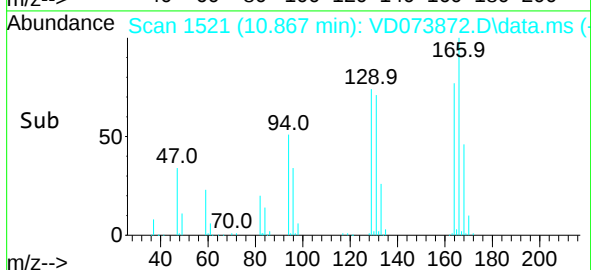
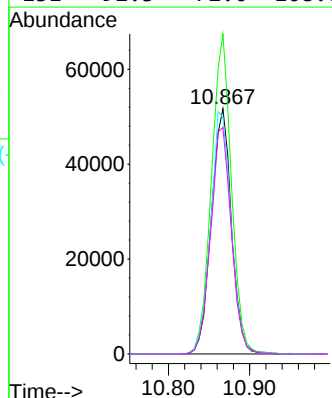
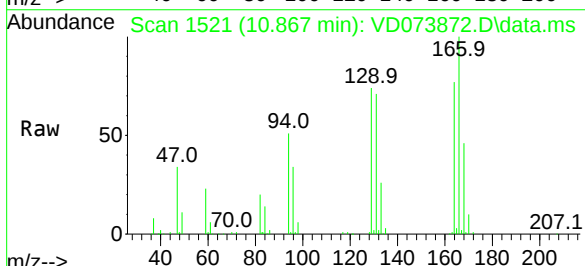
Ion Ratio Lower Upper

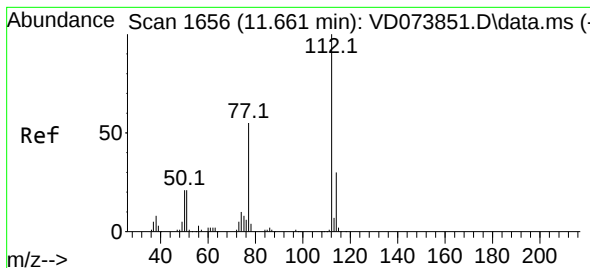
164 100

166 130.5 98.5 147.7

129 96.3 74.6 111.8

131 92.3 72.0 108.0





#65

Chlorobenzene

Concen: 53.522 ug/l

RT: 11.655 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

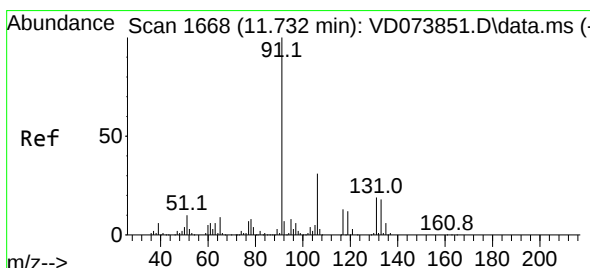
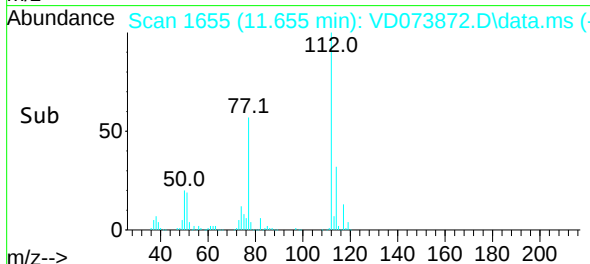
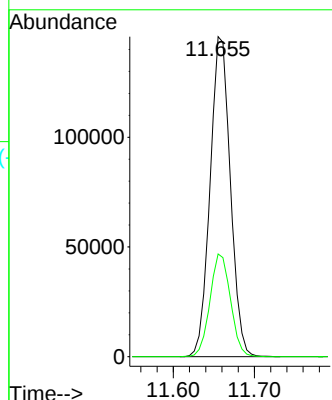
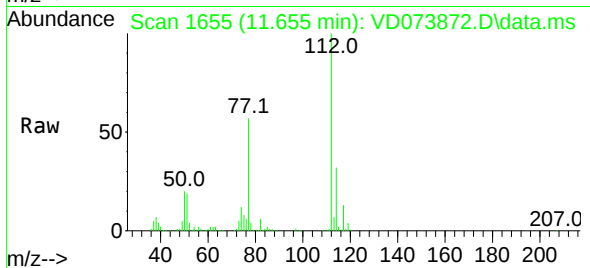
VSTDCCC050EC

Tgt Ion:112 Resp: 252806

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.120 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

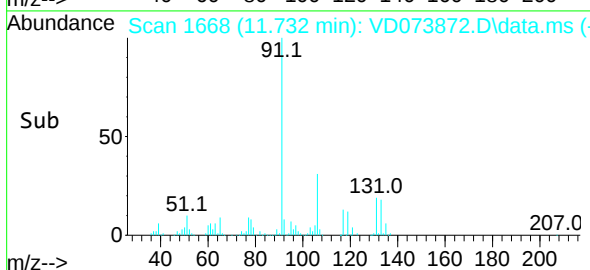
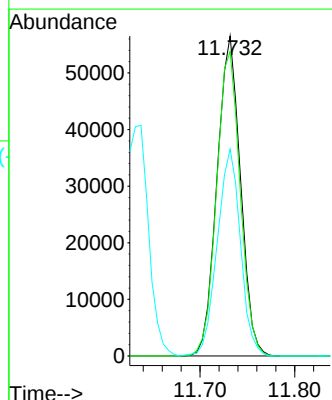
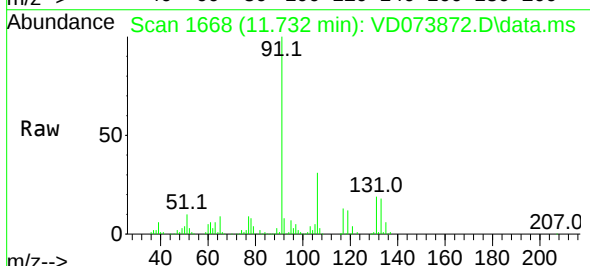
Tgt Ion:131 Resp: 97148

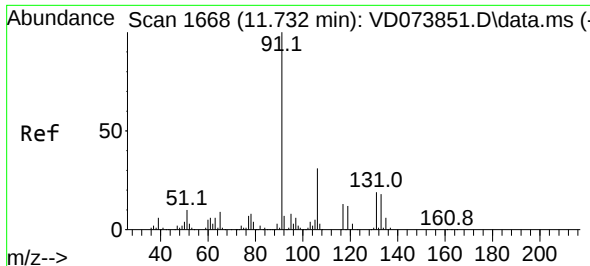
Ion Ratio Lower Upper

131 100

133 95.8 48.1 144.3

119 64.0 31.9 95.9

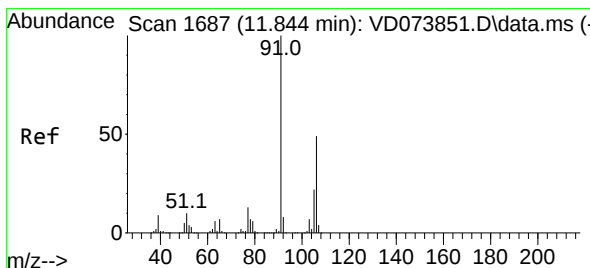
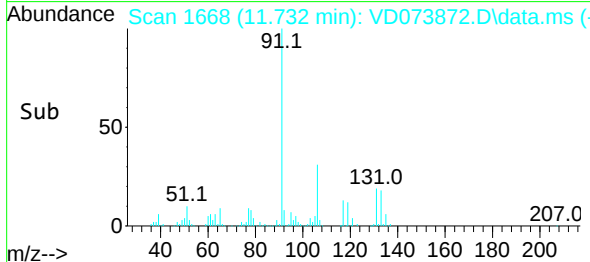
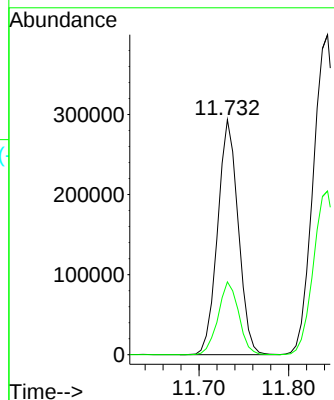
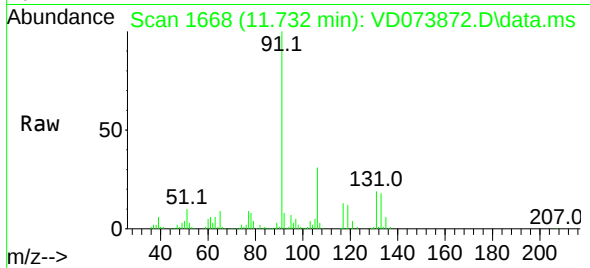




#67
Ethyl Benzene
Concen: 53.630 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

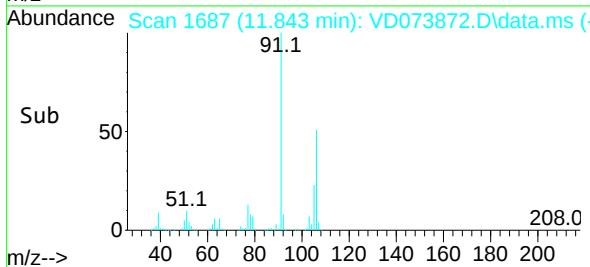
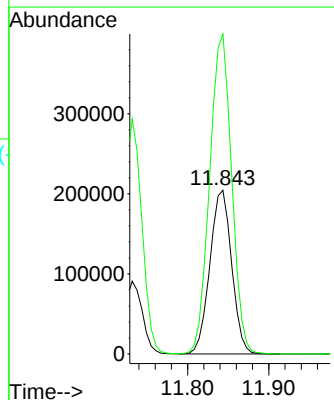
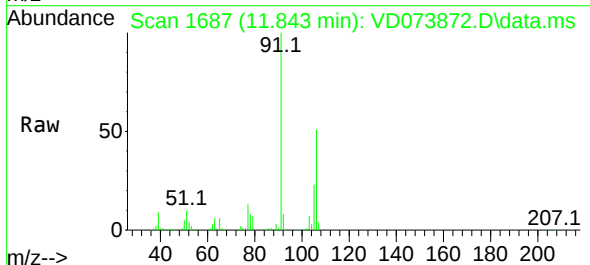
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

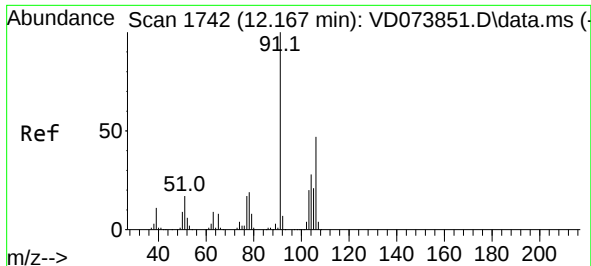
Tgt Ion: 91 Resp: 467704
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4



#68
m/p-Xylenes
Concen: 111.812 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion:106 Resp: 381134
Ion Ratio Lower Upper
106 100
91 197.5 163.7 245.5

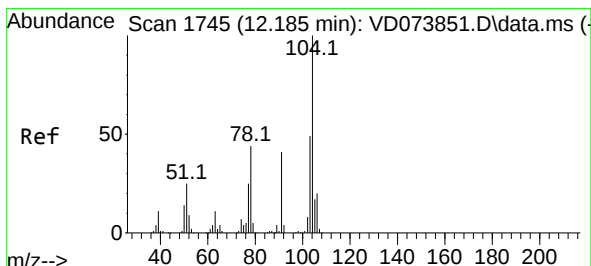
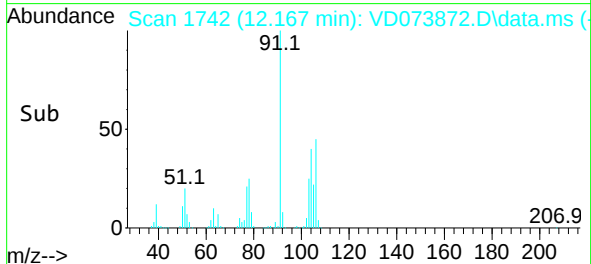
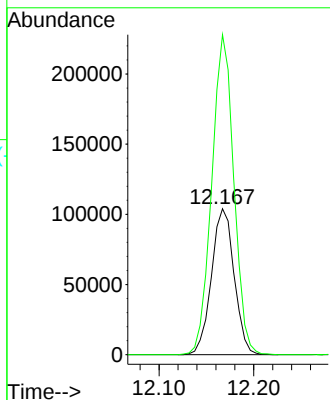
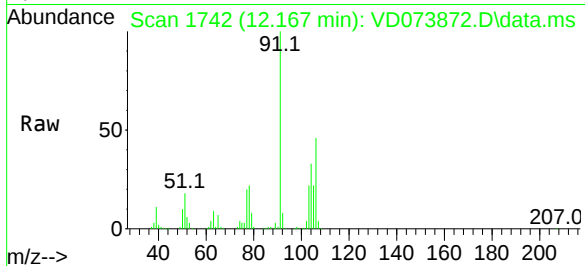




#69
o-Xylene
Concen: 54.159 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

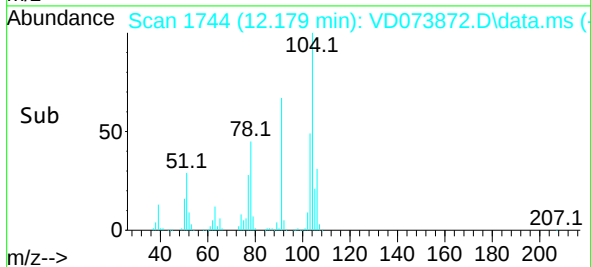
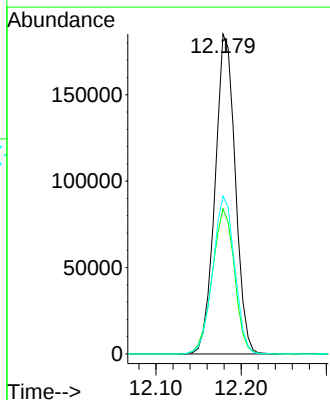
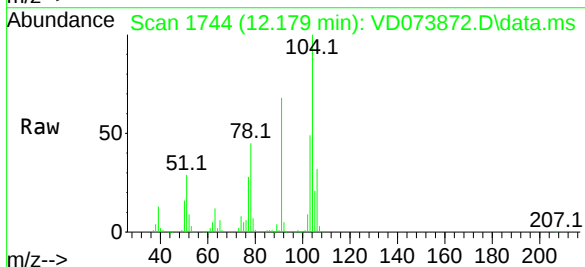
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

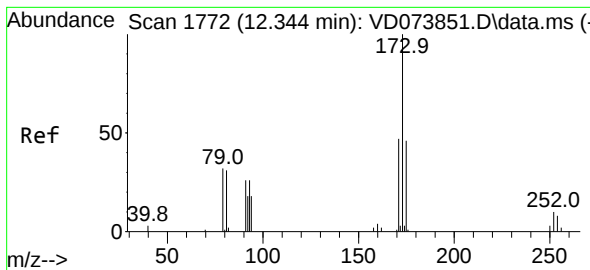
Tgt Ion:106 Resp: 172840
Ion Ratio Lower Upper
106 100
91 213.3 110.4 331.2



#70
Styrene
Concen: 56.028 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion:104 Resp: 305685
Ion Ratio Lower Upper
104 100
78 49.8 41.8 62.8
103 53.3 44.2 66.4





#71

Bromoform

Concen: 56.137 ug/l

RT: 12.343 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

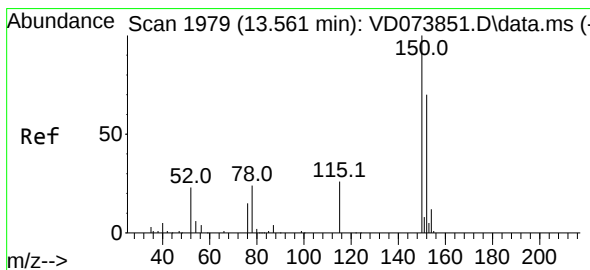
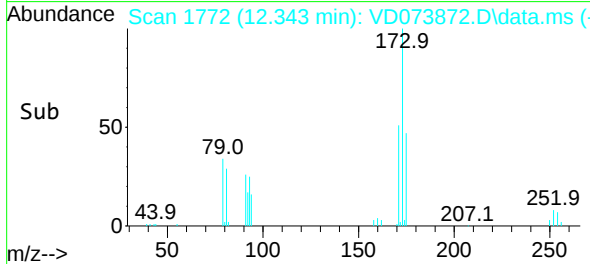
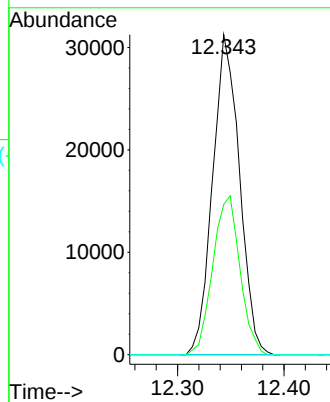
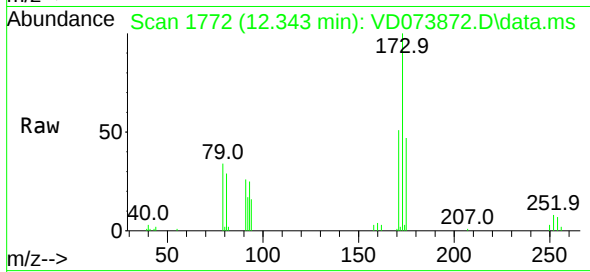
Tgt Ion:173 Resp: 54526

Ion Ratio Lower Upper

173 100

175 50.3 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

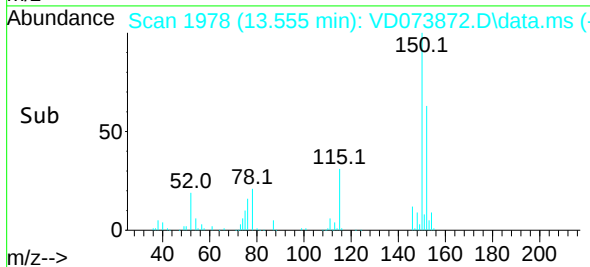
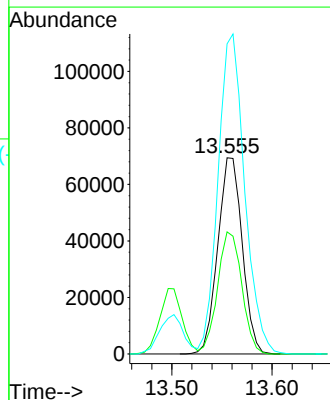
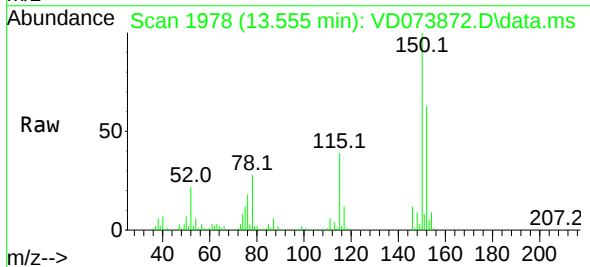
Tgt Ion:152 Resp: 117655

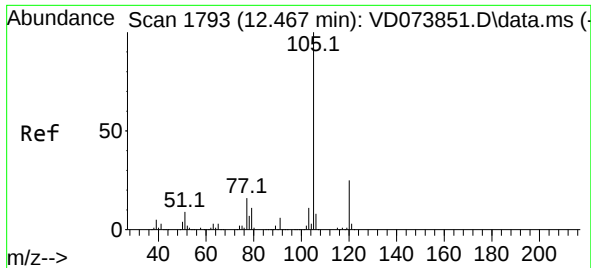
Ion Ratio Lower Upper

152 100

115 61.6 31.3 93.8

150 177.3 0.0 348.6

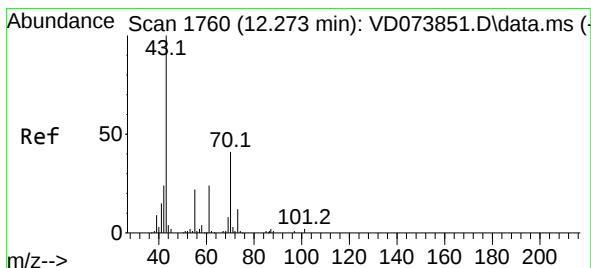
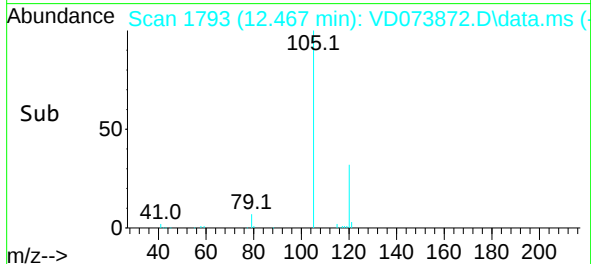
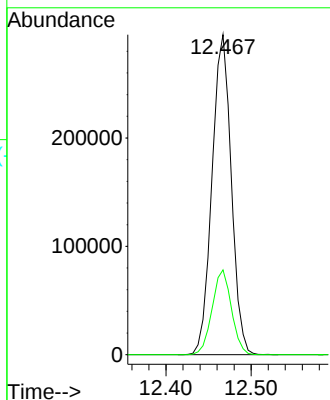
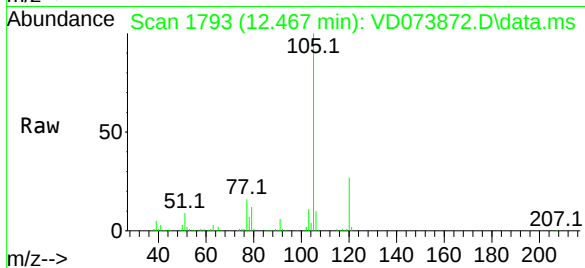




#73
Isopropylbenzene
Concen: 52.000 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

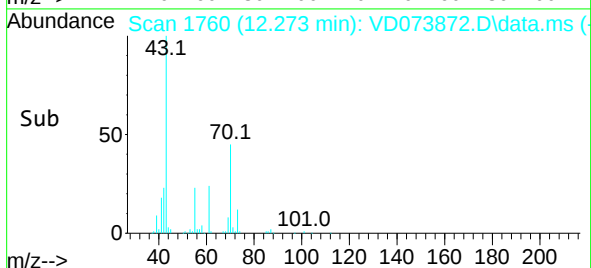
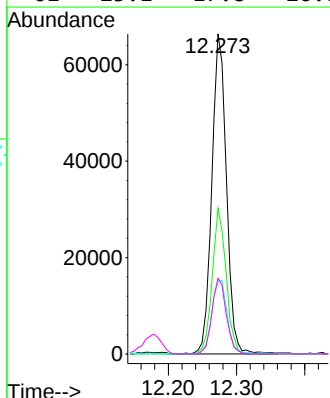
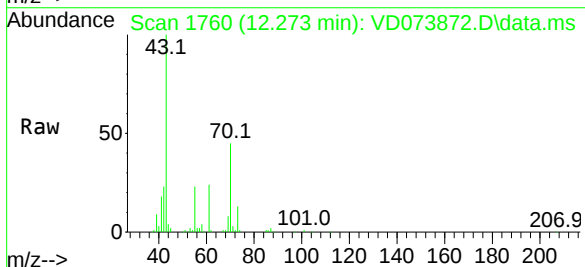
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

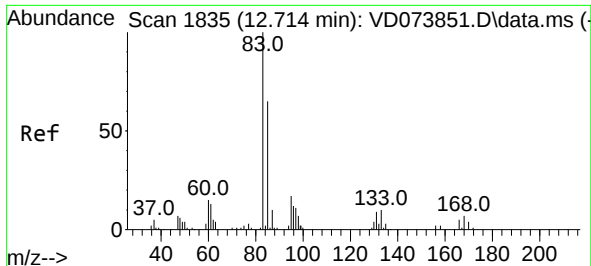
Tgt Ion:105 Resp: 463389
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9



#74
N-ethyl acetate
Concen: 56.380 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 43 Resp: 99102
Ion Ratio Lower Upper
43 100
70 43.3 31.3 46.9
55 24.3 20.0 30.0
61 23.1 17.8 26.8

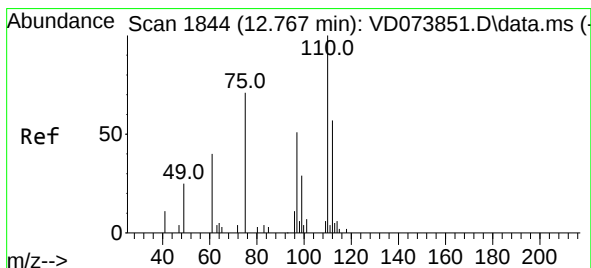
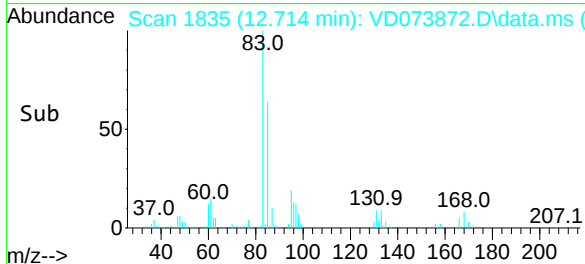
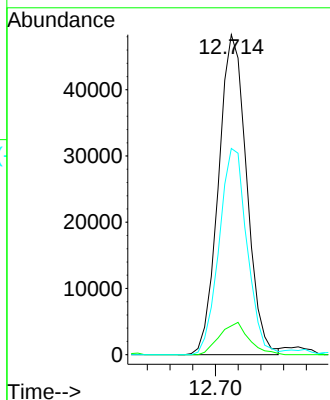
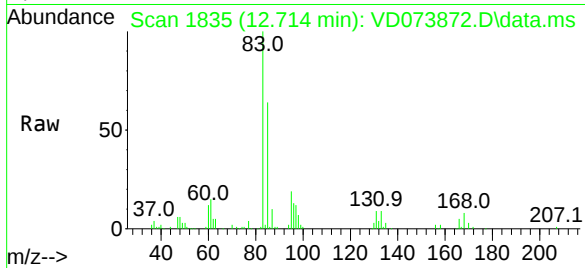




#75
1,1,2,2-Tetrachloroethane
Concen: 53.961 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

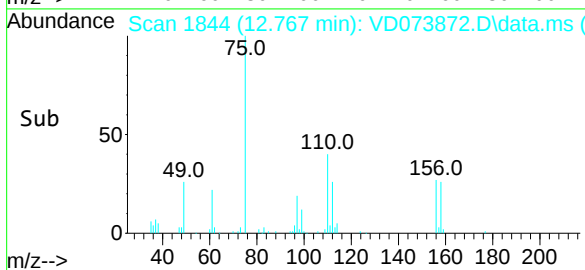
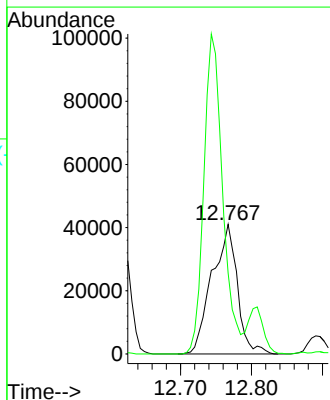
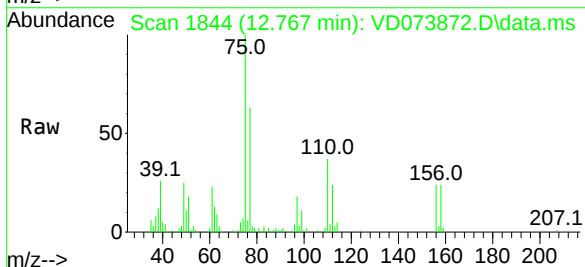
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

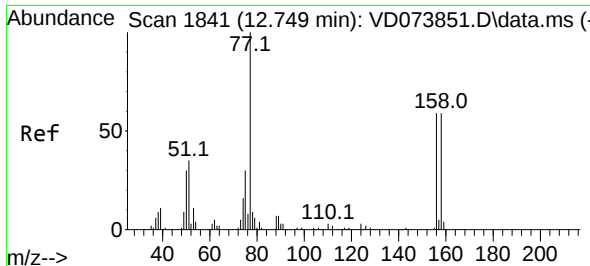
Tgt Ion: 83 Resp: 83113
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 64.3 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 80.394 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 75 Resp: 101489
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

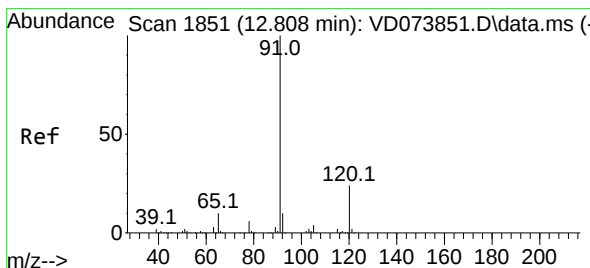
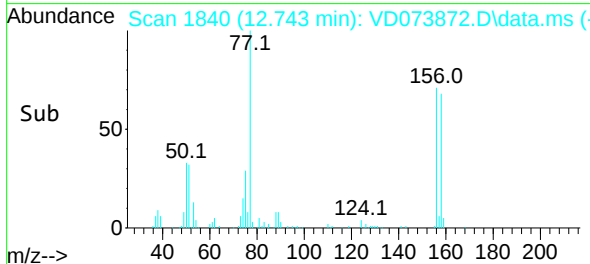
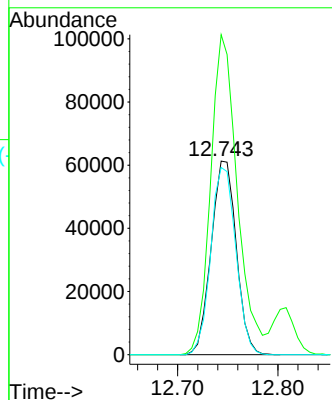
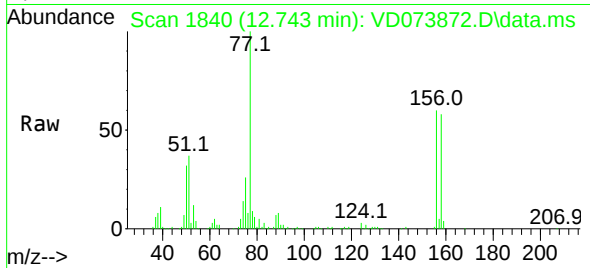




#77
Bromobenzene
Concen: 53.956 ug/l
RT: 12.743 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

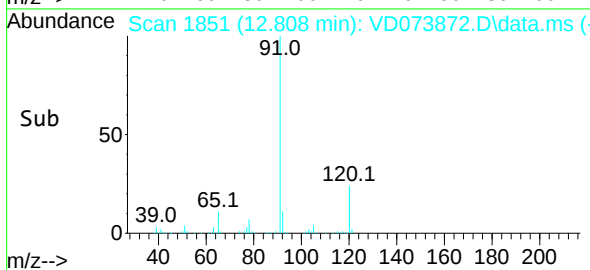
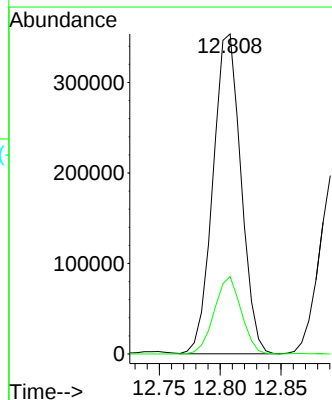
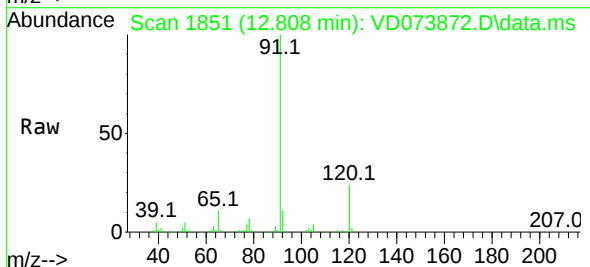
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

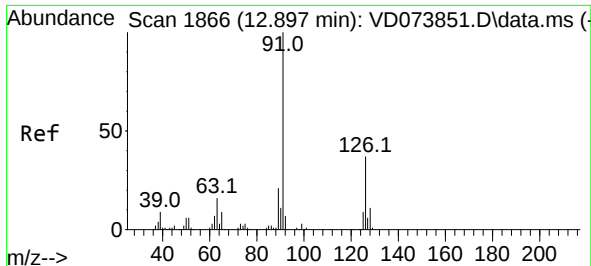
Tgt Ion:156 Resp: 106856
Ion Ratio Lower Upper
156 100
77 174.3 102.8 308.3
158 96.4 48.7 146.1



#78
n-propylbenzene
Concen: 52.018 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 91 Resp: 565488
Ion Ratio Lower Upper
91 100
120 23.3 10.9 32.9

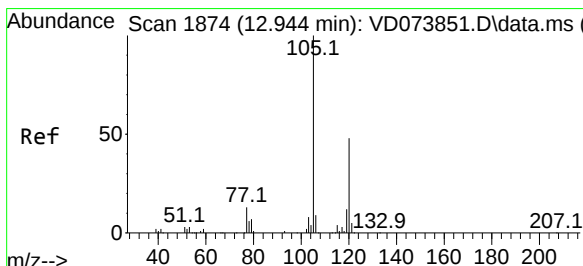
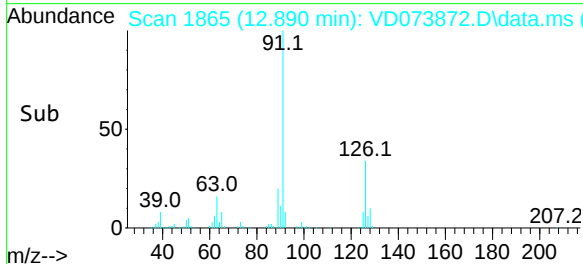
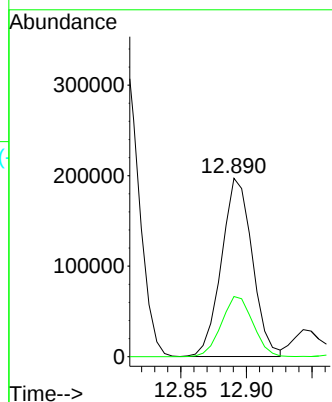
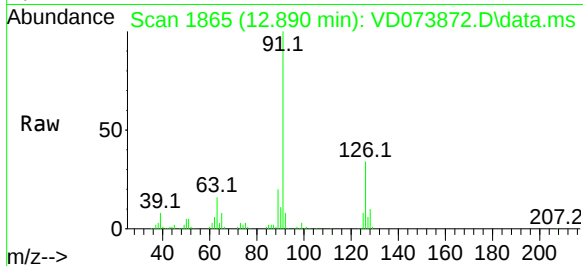




#79
2-Chlorotoluene
Concen: 52.990 ug/l
RT: 12.890 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

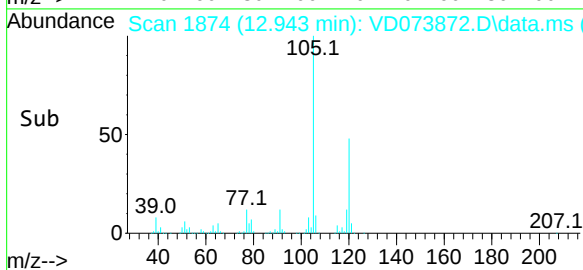
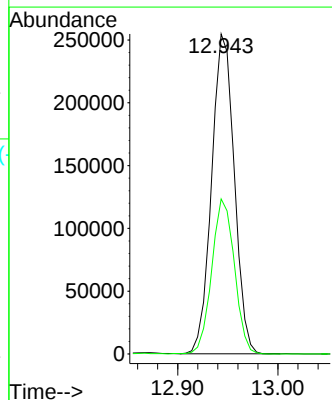
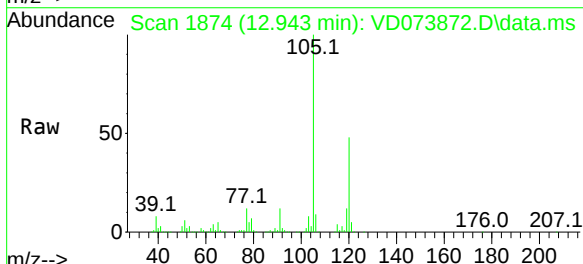
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

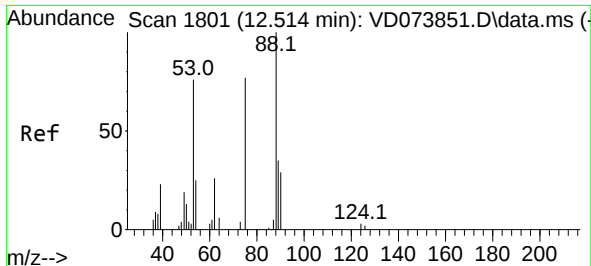
Tgt Ion: 91 Resp: 323158
Ion Ratio Lower Upper
91 100
126 34.4 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 53.224 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion:105 Resp: 399802
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8

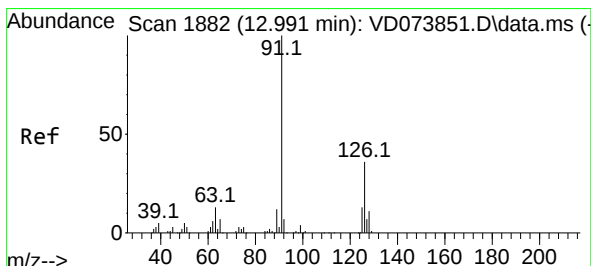
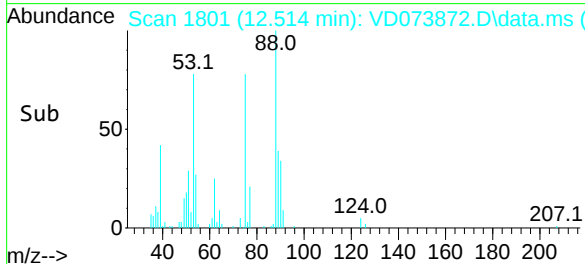
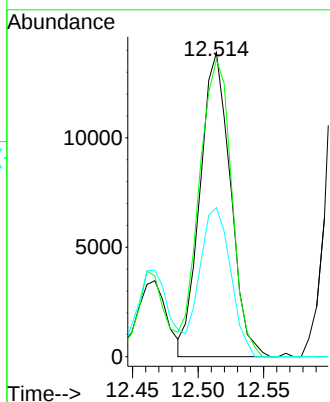
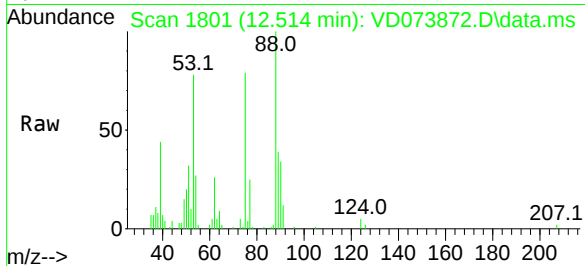




#81
trans-1,4-Dichloro-2-butene
Concen: 47.749 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

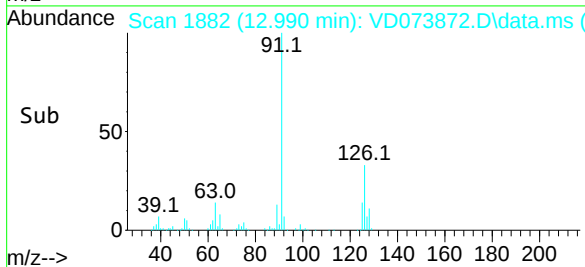
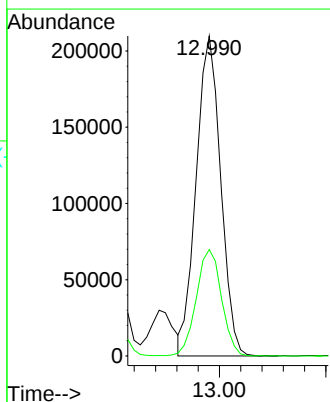
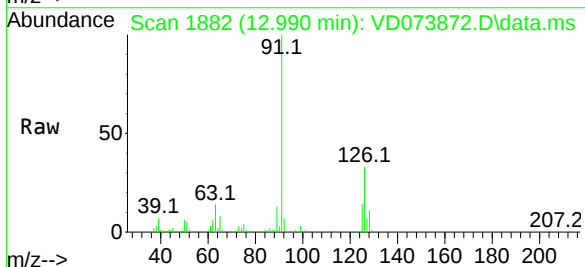
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

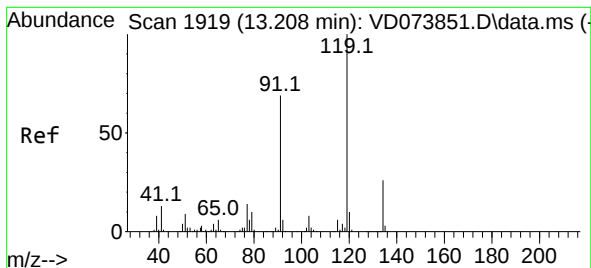
Tgt Ion: 75 Resp: 22338
Ion Ratio Lower Upper
75 100
53 104.0 86.5 129.7
89 49.4 33.9 50.9



#82
4-Chlorotoluene
Concen: 52.013 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion: 91 Resp: 335443
Ion Ratio Lower Upper
91 100
126 34.3 16.5 49.5





#83

tert-Butylbenzene

Concen: 53.675 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

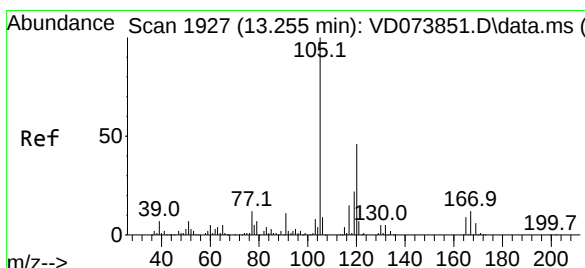
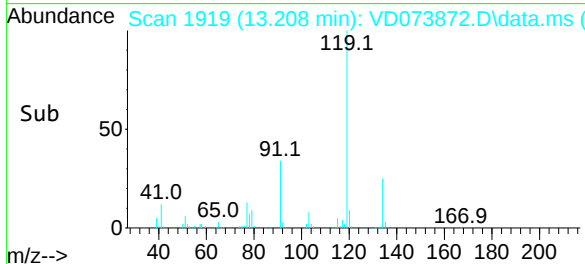
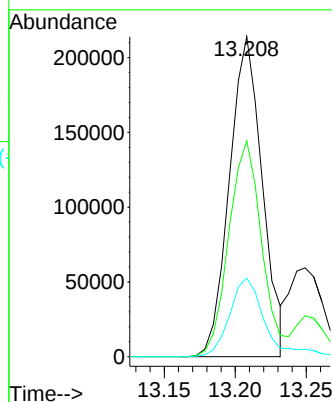
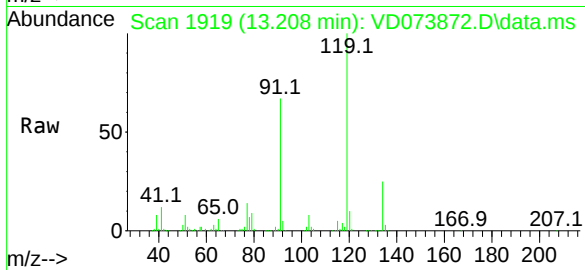
Tgt Ion:119 Resp: 344723

Ion Ratio Lower Upper

119 100

91 67.9 34.8 104.5

134 26.4 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 53.381 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VD073872.D

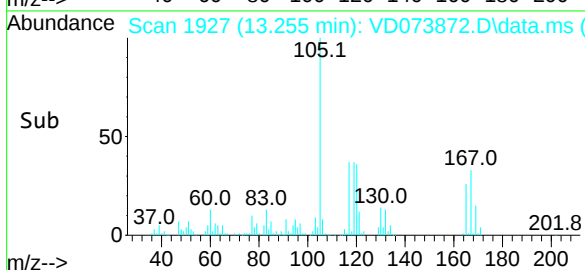
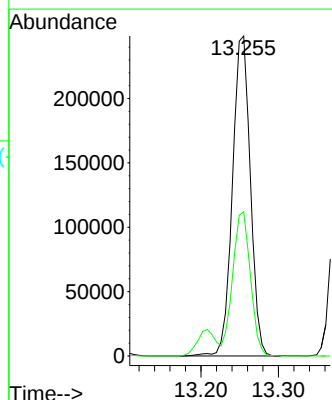
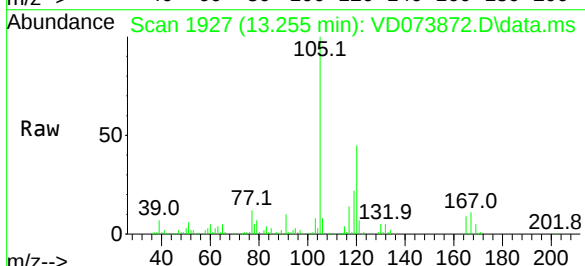
Acq: 19 Jul 2022 20:45

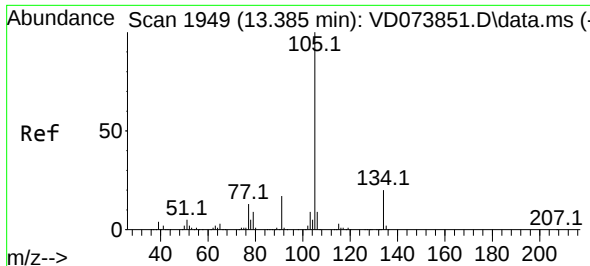
Tgt Ion:105 Resp: 399396

Ion Ratio Lower Upper

105 100

120 44.8 22.3 66.8

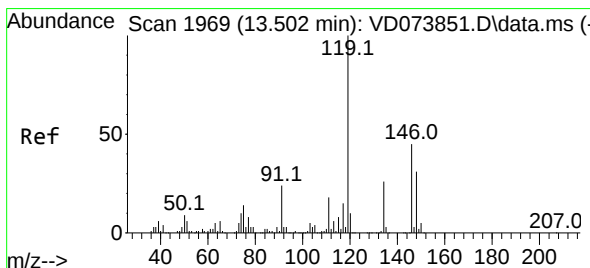
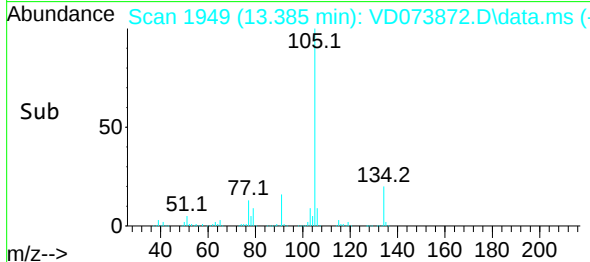
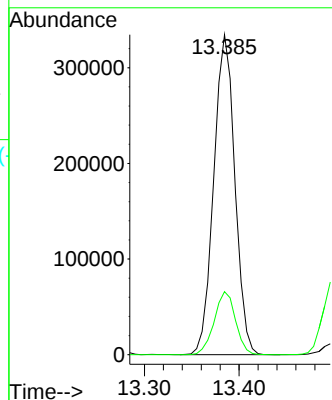
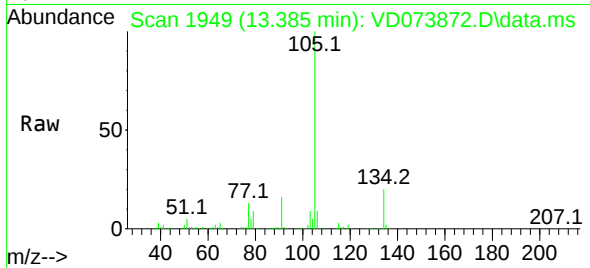




#85
 sec-Butylbenzene
 Concen: 53.494 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073872.D
 Acq: 19 Jul 2022 20:45

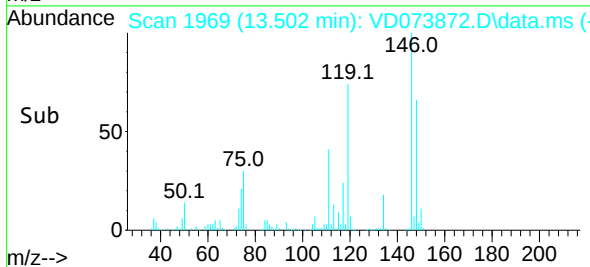
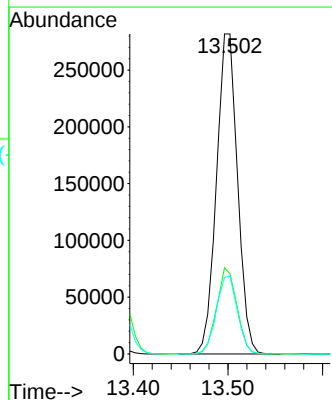
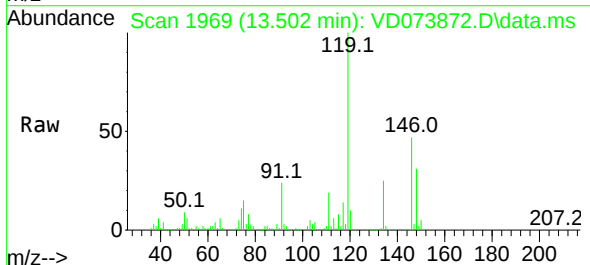
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

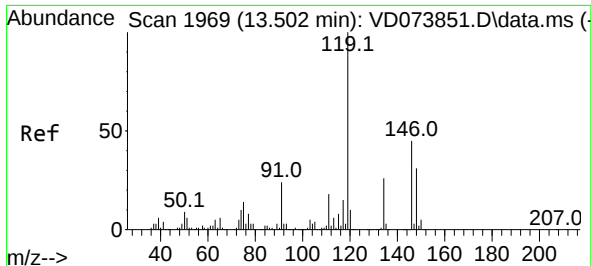
Tgt Ion:105 Resp: 518066
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 53.512 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD073872.D
 Acq: 19 Jul 2022 20:45

Tgt Ion:119 Resp: 436381
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 24.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 52.944 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

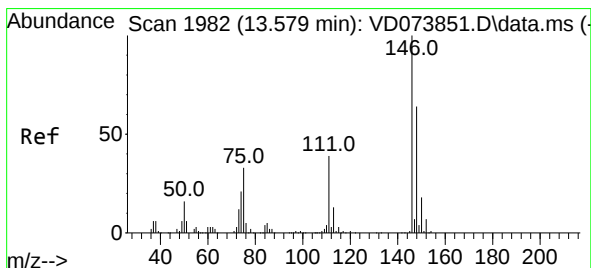
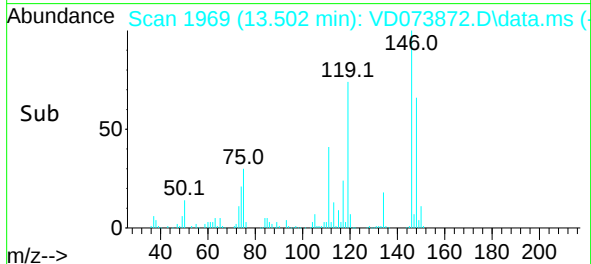
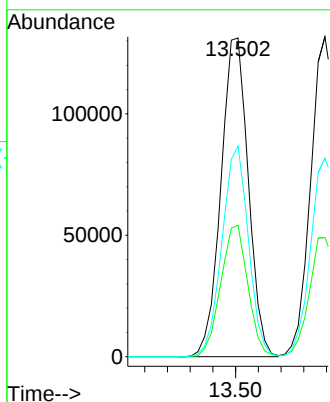
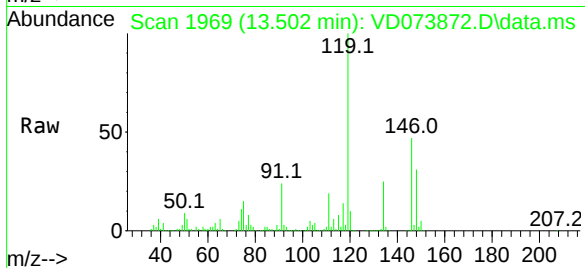
Tgt Ion:146 Resp: 219571

Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.3

148 63.9 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 53.141 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

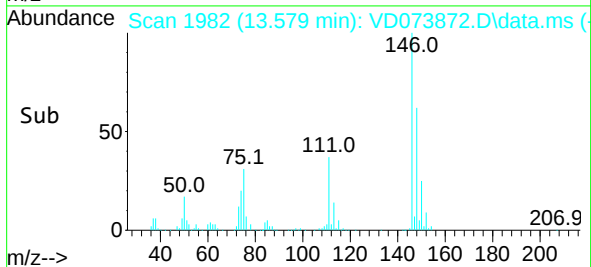
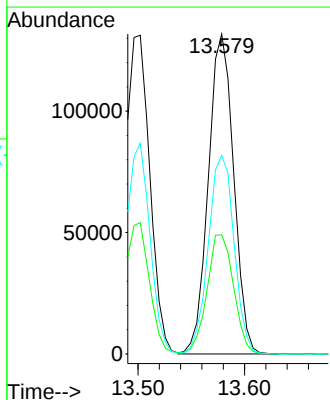
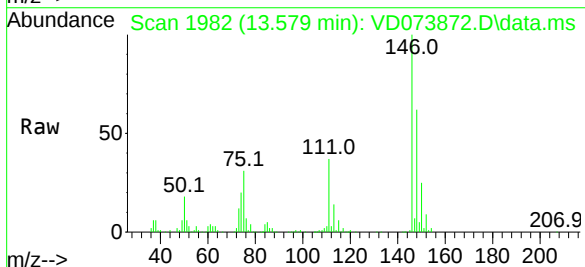
Tgt Ion:146 Resp: 217852

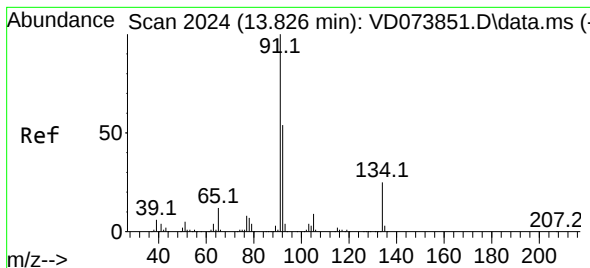
Ion Ratio Lower Upper

146 100

111 39.0 20.3 60.9

148 63.3 31.7 95.1





#89

n-Butylbenzene

Concen: 51.837 ug/l

RT: 13.826 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

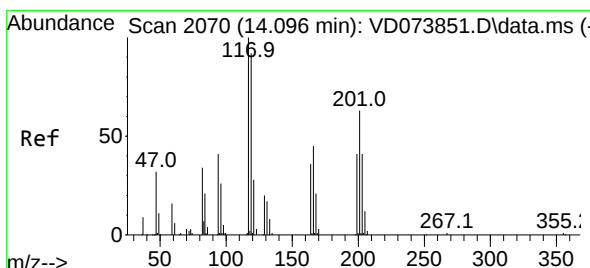
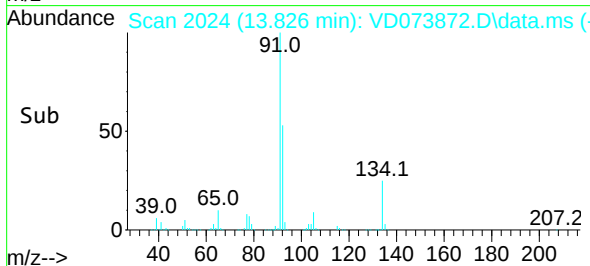
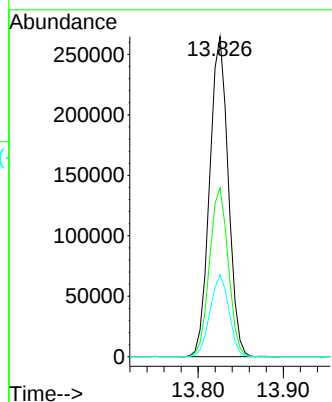
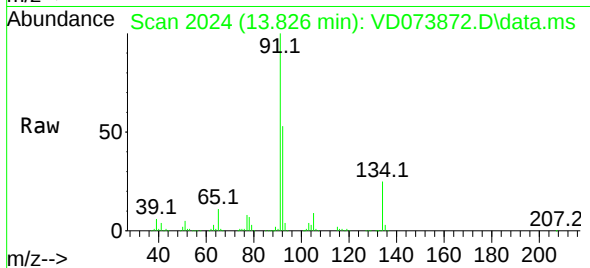
Tgt Ion: 91 Resp: 401352

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.8

134 25.8 12.3 36.9



#90

Hexachloroethane

Concen: 43.114 ug/l

RT: 14.090 min Scan# 2069

Delta R.T. -0.006 min

Lab File: VD073872.D

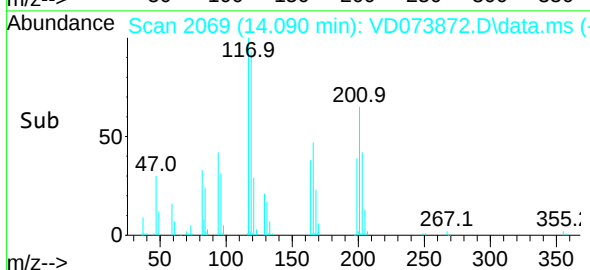
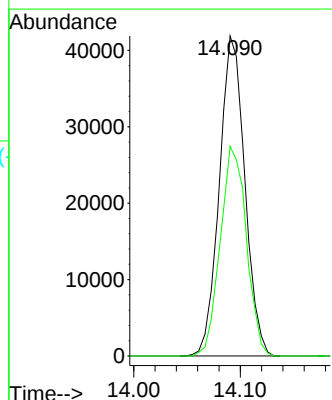
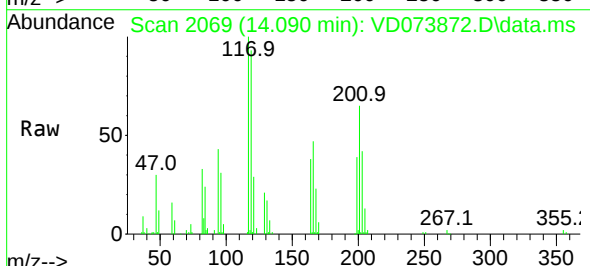
Acq: 19 Jul 2022 20:45

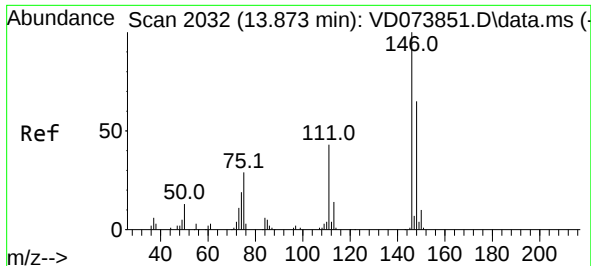
Tgt Ion: 117 Resp: 69474

Ion Ratio Lower Upper

117 100

201 67.1 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 52.644 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

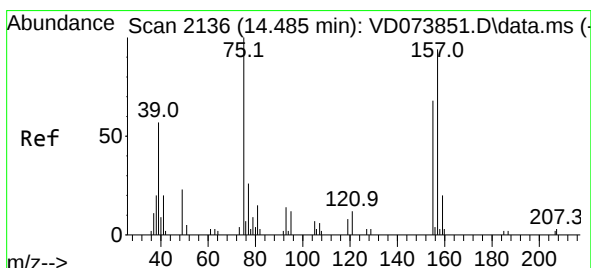
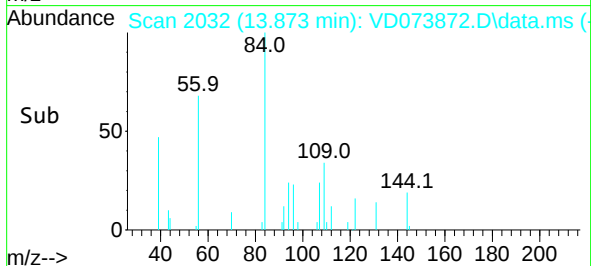
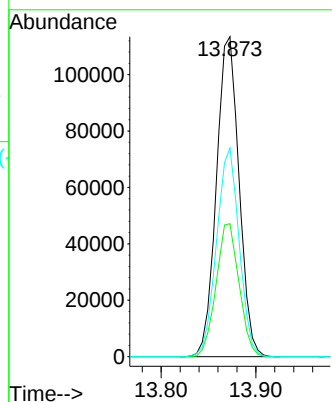
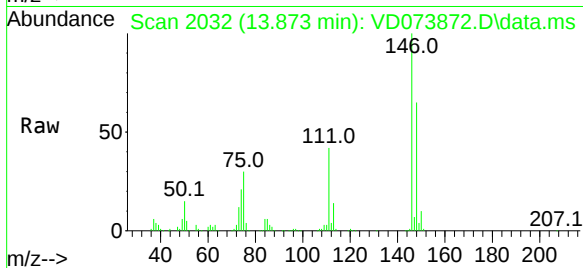
Tgt Ion:146 Resp: 188629

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.3

148 65.1 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.469 ug/l

RT: 14.484 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

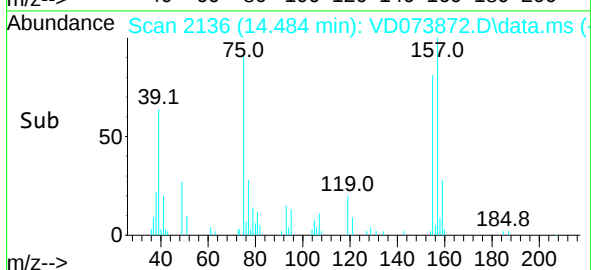
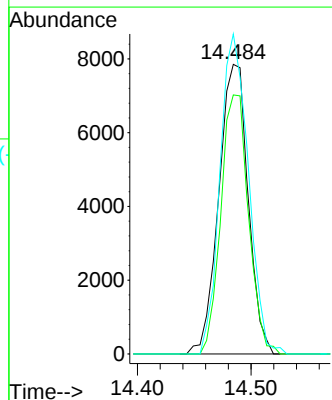
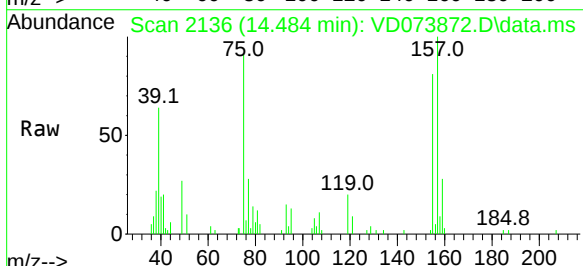
Tgt Ion: 75 Resp: 14088

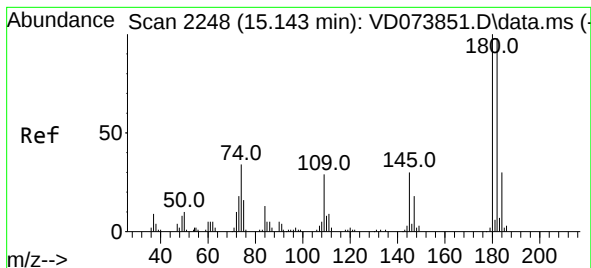
Ion Ratio Lower Upper

75 100

155 84.2 36.8 110.3

157 106.4 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 50.952 ug/l

RT: 15.137 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

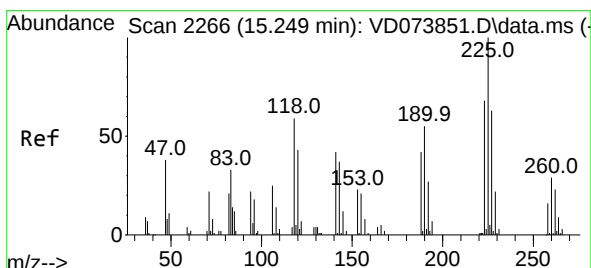
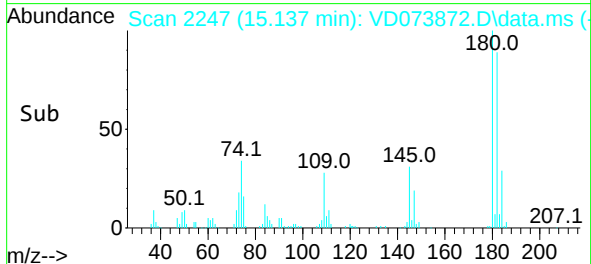
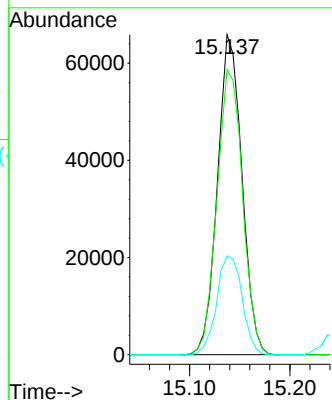
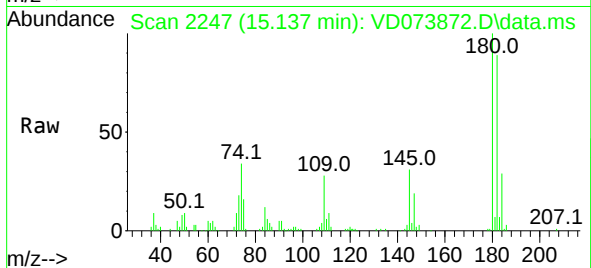
Tgt Ion:180 Resp: 111458

Ion Ratio Lower Upper

180 100

182 93.5 47.3 142.0

145 32.2 16.2 48.5



#94

Hexachlorobutadiene

Concen: 50.359 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.000 min

Lab File: VD073872.D

Acq: 19 Jul 2022 20:45

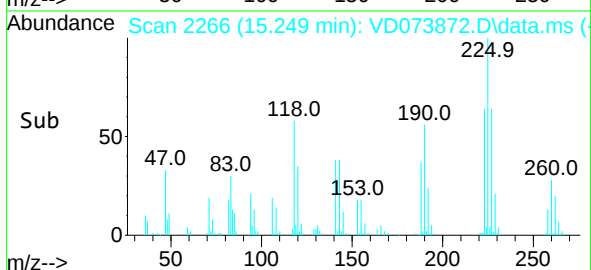
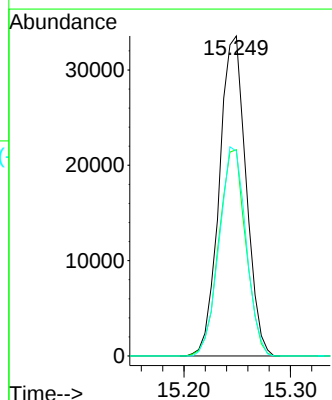
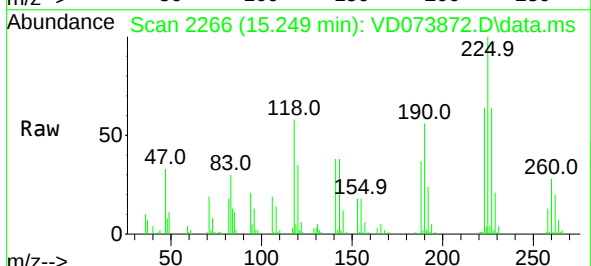
Tgt Ion:225 Resp: 58380

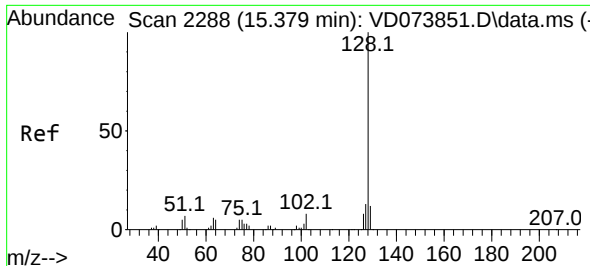
Ion Ratio Lower Upper

225 100

223 65.2 31.1 93.2

227 65.7 32.4 97.0

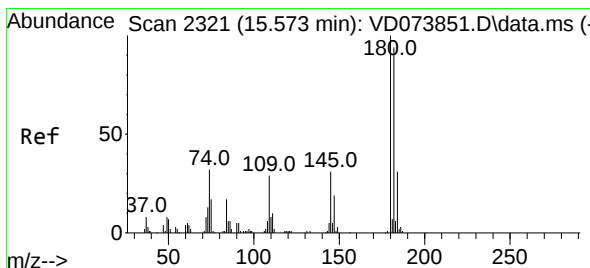
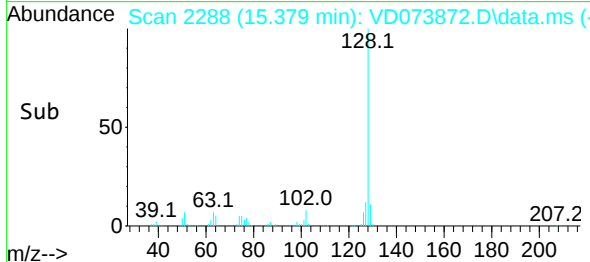
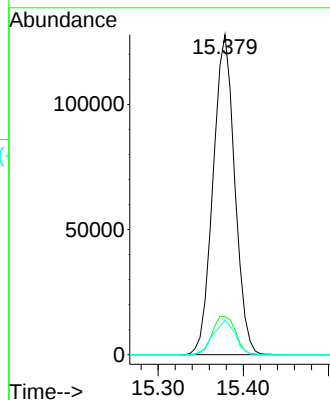
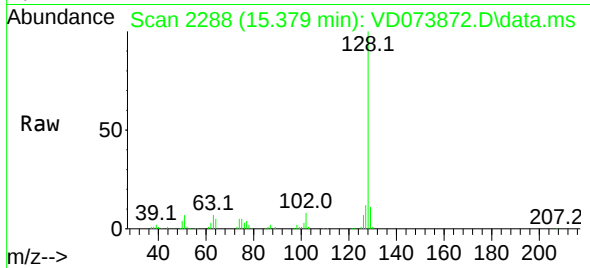




#95
Naphthalene
Concen: 57.426 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 225793
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 53.264 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. -0.006 min
Lab File: VD073872.D
Acq: 19 Jul 2022 20:45

Tgt Ion:180 Resp: 99062
Ion Ratio Lower Upper
180 100
182 94.3 47.6 142.9
145 34.5 17.1 51.3

