

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060122\
 Data File : VD073459.D
 Acq On : 01 Jun 2022 20:39
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 02 08:54:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	299728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	498928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	490780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	253139	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	160470	48.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.880%
35) Dibromofluoromethane	7.908	113	172666	52.446	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.900%
50) Toluene-d8	10.332	98	607041	50.020	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.040%
62) 4-Bromofluorobenzene	12.620	95	228591	53.672	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	149053	49.768	ug/l	97
3) Chloromethane	2.209	50	138823	40.992	ug/l	98
4) Vinyl Chloride	2.344	62	132732	42.862	ug/l	95
5) Bromomethane	2.756	94	94009	47.121	ug/l	97
6) Chloroethane	2.909	64	86380	45.375	ug/l	96
7) Trichlorofluoromethane	3.262	101	259918	47.467	ug/l	99
8) Diethyl Ether	3.709	74	76380	50.762	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.091	101	152193	46.583	ug/l	94
10) Methyl Iodide	4.291	142	160558	45.549	ug/l	99
11) Tert butyl alcohol	5.220	59	43313	84.279	ug/l	98
12) 1,1-Dichloroethene	4.062	96	143322	47.581	ug/l	88
13) Acrolein	3.920	56	37634	180.498	ug/l	97
14) Allyl chloride	4.709	41	219471	45.139	ug/l #	89
15) Acrylonitrile	5.414	53	178078	258.819	ug/l	97
16) Acetone	4.150	43	129810	226.250	ug/l #	83
17) Carbon Disulfide	4.403	76	466070	46.675	ug/l	98
18) Methyl Acetate	4.703	43	82137	51.483	ug/l #	88
19) Methyl tert-butyl Ether	5.479	73	354515	51.662	ug/l	99
20) Methylene Chloride	4.956	84	193477	53.439	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	177500	48.737	ug/l	84
22) Diisopropyl ether	6.356	45	492289	48.299	ug/l	92
23) Vinyl Acetate	6.297	43	1380954	254.006	ug/l #	93
24) 1,1-Dichloroethane	6.261	63	303002	46.314	ug/l	97
25) 2-Butanone	7.203	43	208476	248.360	ug/l	94
26) 2,2-Dichloropropane	7.203	77	234852	42.093	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	195696	48.561	ug/l	88
28) Bromochloromethane	7.538	49	100655	44.658	ug/l #	75
29) Tetrahydrofuran	7.556	42	141592	260.866	ug/l #	88
30) Chloroform	7.703	83	330966	48.456	ug/l	98
31) Cyclohexane	7.979	56	245514	42.414	ug/l #	82
32) 1,1,1-Trichloroethane	7.891	97	282283	47.253	ug/l	95
36) 1,1-Dichloropropene	8.103	75	236260	47.715	ug/l	95
37) Ethyl Acetate	7.285	43	98759	50.495	ug/l #	92
38) Carbon Tetrachloride	8.091	117	245699	48.952	ug/l	99
39) Methylcyclohexane	9.350	83	269100	48.766	ug/l	98
40) Benzene	8.344	78	702551	49.232	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	58329	51.188	ug/l #	89
42) 1,2-Dichloroethane	8.414	62	196786	49.560	ug/l	94
43) Isopropyl Acetate	8.444	43	186771	51.665	ug/l #	91
44) Trichloroethene	9.108	130	187879	49.372	ug/l	95
45) 1,2-Dichloropropane	9.379	63	177881	49.497	ug/l	98
46) Dibromomethane	9.467	93	101616	51.483	ug/l	95
47) Bromodichloromethane	9.650	83	254401	50.373	ug/l	98
48) Methyl methacrylate	9.450	41	90657	49.845	ug/l #	83
49) 1,4-Dioxane	9.455	88	24050	1179.888	ug/l #	88
51) 4-Methyl-2-Pentanone	10.220	43	511070	272.195	ug/l	91
52) Toluene	10.391	92	462894	51.332	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	230430	50.505	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	270231	49.493	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	141246	52.919	ug/l	94
56) Ethyl methacrylate	10.650	69	164575	55.458	ug/l	86
57) 1,3-Dichloropropane	10.938	76	232857	51.995	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	375548	264.947	ug/l	93
59) 2-Hexanone	10.973	43	347437	280.674	ug/l	92
60) Dibromochloromethane	11.132	129	175772	52.814	ug/l	99
61) 1,2-Dibromoethane	11.232	107	137606	53.953	ug/l	98
64) Tetrachloroethene	10.867	164	158190	49.211	ug/l	96
65) Chlorobenzene	11.661	112	493657	49.031	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	188911	50.592	ug/l	98
67) Ethyl Benzene	11.732	91	880134	49.797	ug/l	99
68) m/p-Xylenes	11.844	106	694740	101.174	ug/l	97
69) o-Xylene	12.167	106	319209	50.602	ug/l	95
70) Styrene	12.185	104	567292	52.270	ug/l	97
71) Bromoform	12.349	173	103539	53.877	ug/l #	100
73) Isopropylbenzene	12.467	105	831933	46.100	ug/l	99
74) N-amyl acetate	12.273	43	186207	47.299	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.714	83	159844	48.026	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	204932	82.510	ug/l #	100
77) Bromobenzene	12.749	156	203615	47.931	ug/l	90
78) n-propylbenzene	12.808	91	1044358	46.097	ug/l	98
79) 2-Chlorotoluene	12.896	91	607719	46.458	ug/l	97
80) 1,3,5-Trimethylbenzene	12.944	105	729780	47.739	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	49209	47.564	ug/l	85
82) 4-Chlorotoluene	12.991	91	637781	46.516	ug/l	98
83) tert-Butylbenzene	13.208	119	598281	46.437	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	735465	48.700	ug/l	99
85) sec-Butylbenzene	13.385	105	909203	46.217	ug/l	99
86) p-Isopropyltoluene	13.502	119	754248	47.034	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	409868	47.867	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	399297	46.196	ug/l	99
89) n-Butylbenzene	13.826	91	702882	46.002	ug/l	99
90) Hexachloroethane	14.096	117	152758	46.037	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	358563	48.398	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	24970	48.991	ug/l	84
93) 1,2,4-Trichlorobenzene	15.143	180	207568	49.349	ug/l	99
94) Hexachlorobutadiene	15.249	225	110087	46.447	ug/l	99
95) Naphthalene	15.379	128	401102	48.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	185798	49.828	ug/l	100

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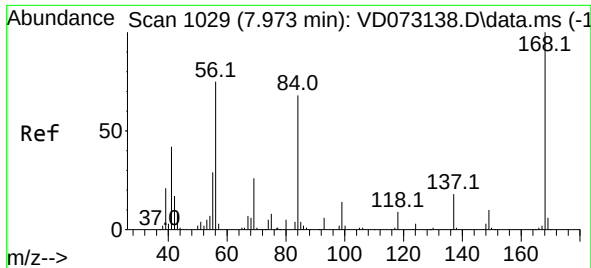
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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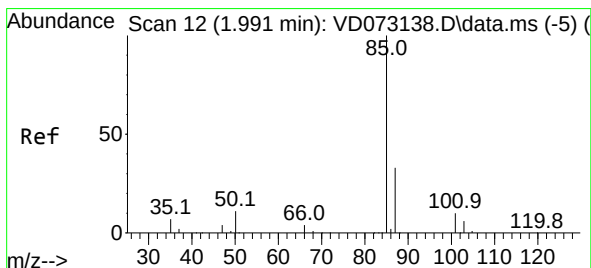
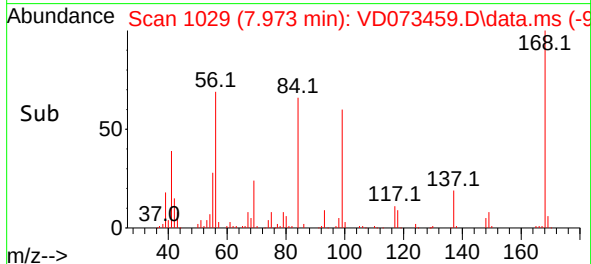
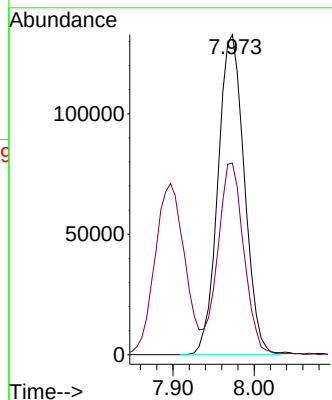
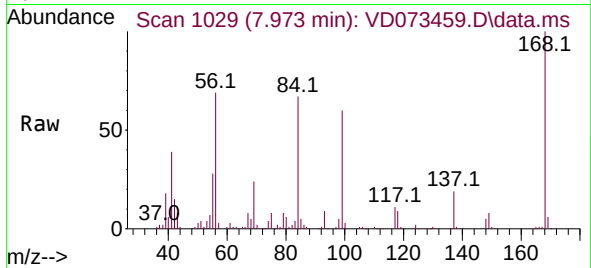




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073459.D
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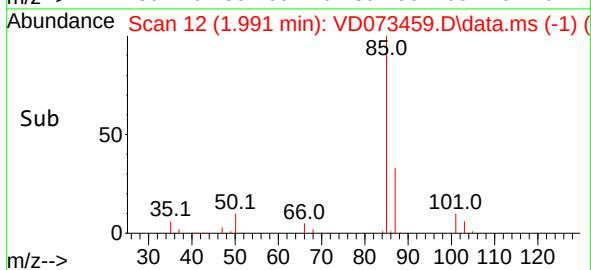
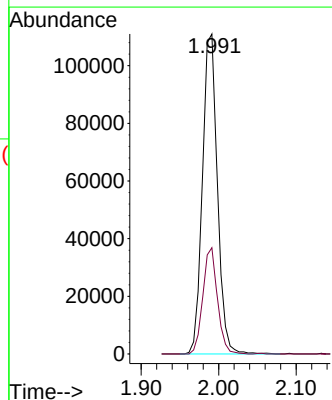
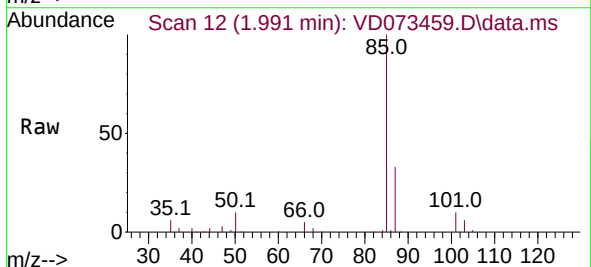
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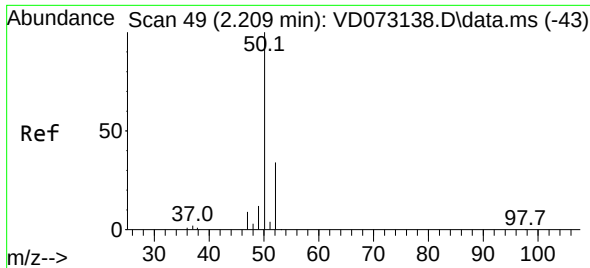
Tgt Ion:168 Resp: 299728
Ion Ratio Lower Upper
168 100
99 59.3 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 49.768 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 85 Resp: 149053
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.0

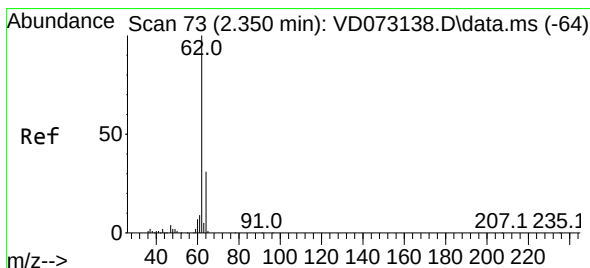
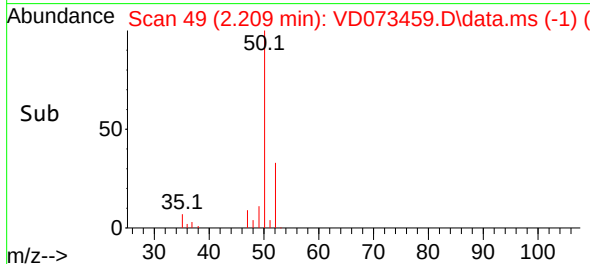
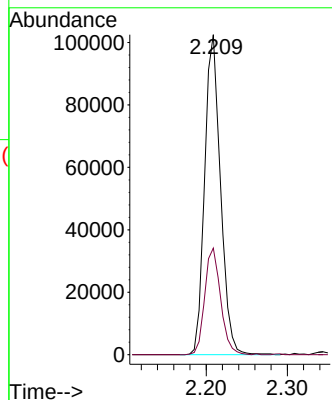
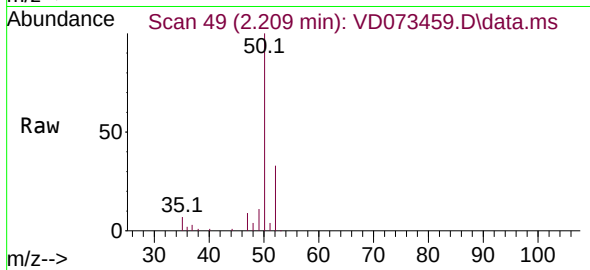




#3
Chloromethane
Concen: 40.992 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

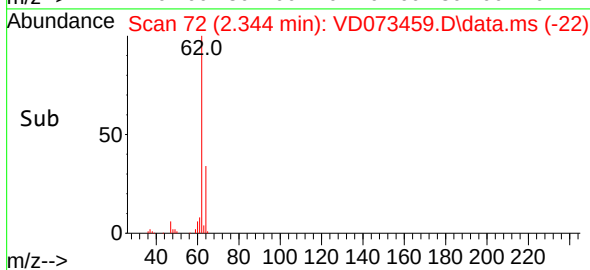
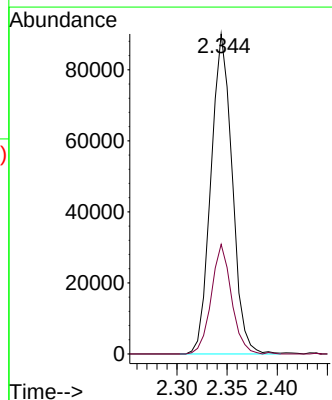
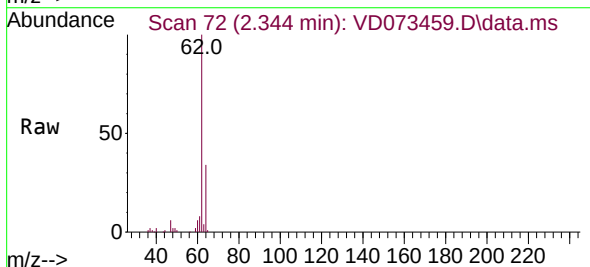
Instrument :
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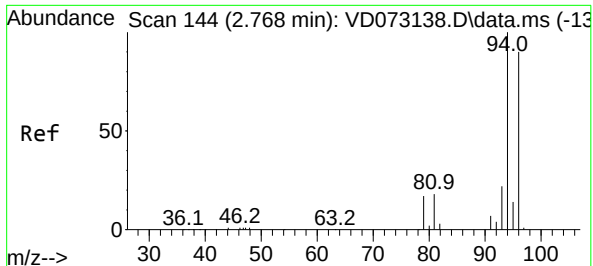
Tgt Ion: 50 Resp: 138823
Ion Ratio Lower Upper
50 100
52 33.3 27.4 41.0



#4
Vinyl Chloride
Concen: 42.862 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 62 Resp: 132732
Ion Ratio Lower Upper
62 100
64 34.3 25.4 38.0

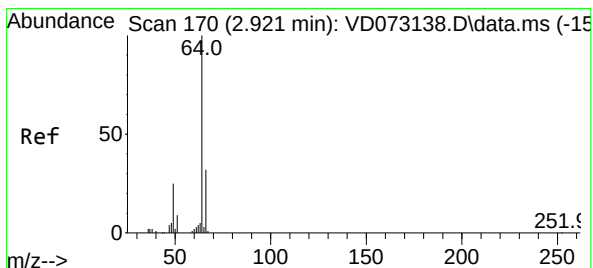
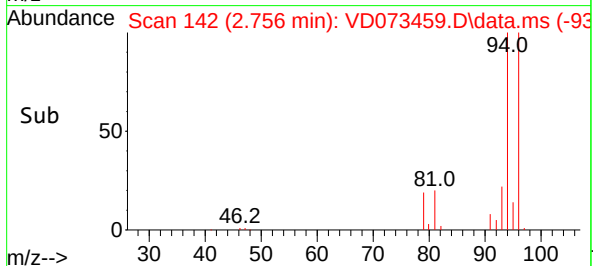
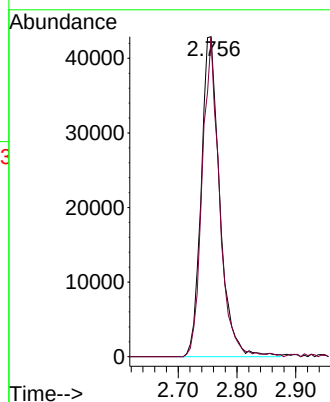
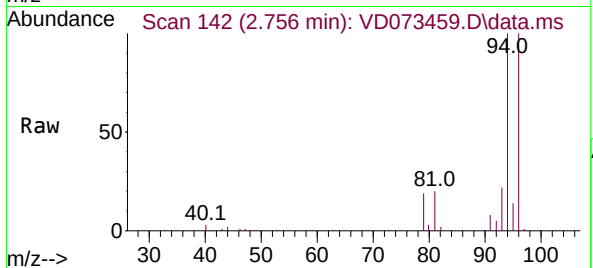




#5
Bromomethane
Concen: 47.121 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

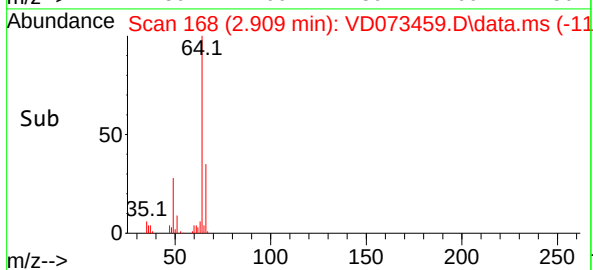
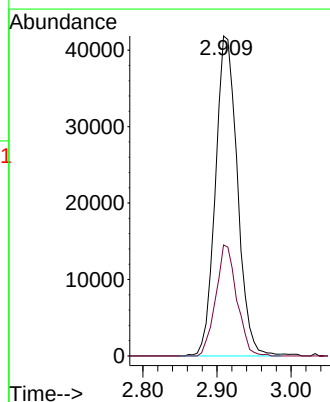
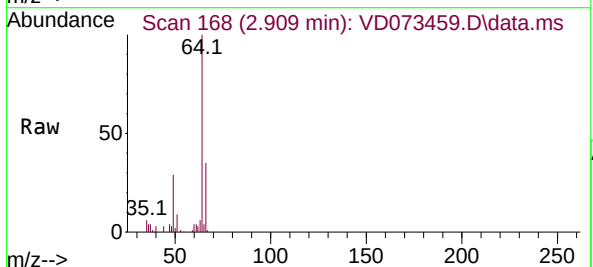
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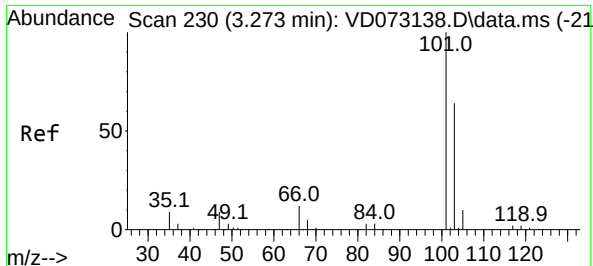
Tgt Ion: 94 Resp: 94009
Ion Ratio Lower Upper
94 100
96 99.7 77.6 116.4



#6
Chloroethane
Concen: 45.375 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 64 Resp: 86380
Ion Ratio Lower Upper
64 100
66 34.7 25.9 38.9

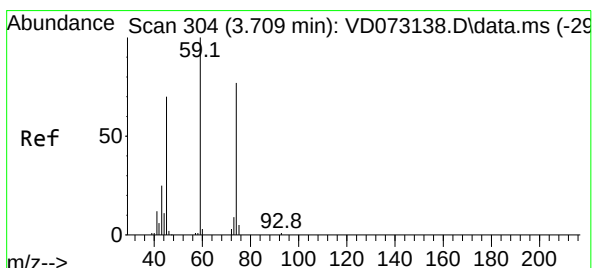
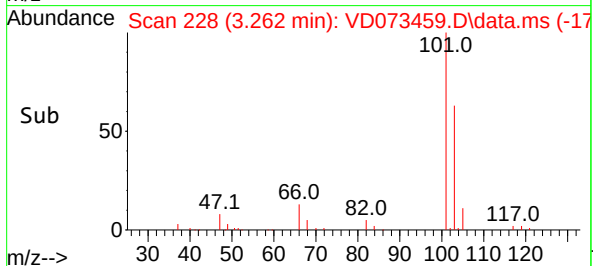
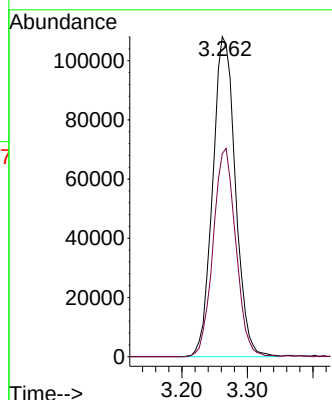
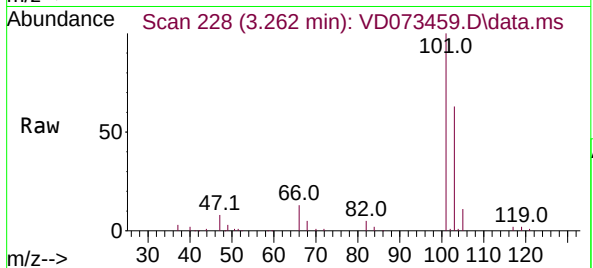




#7
 Trichlorofluoromethane
 Concen: 47.467 ug/l
 RT: 3.262 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: VD073459.D
 Acq: 01 Jun 2022 20:39

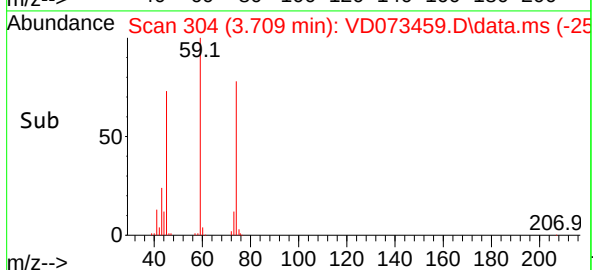
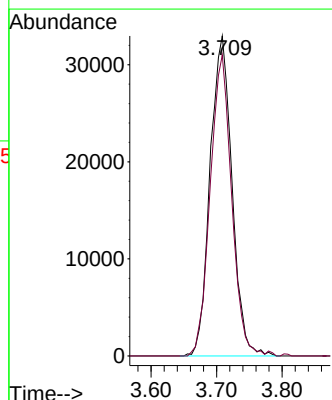
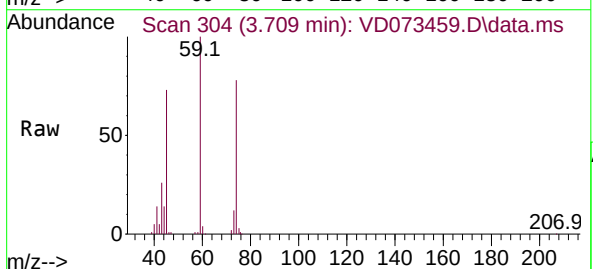
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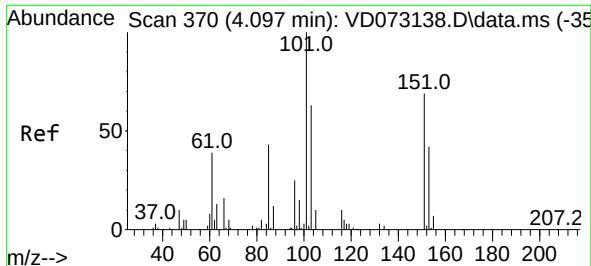
Tgt Ion:101 Resp: 259918
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.1 75.1



#8
 Diethyl Ether
 Concen: 50.762 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073459.D
 Acq: 01 Jun 2022 20:39

Tgt Ion: 74 Resp: 76380
 Ion Ratio Lower Upper
 74 100
 45 92.0 52.6 157.8

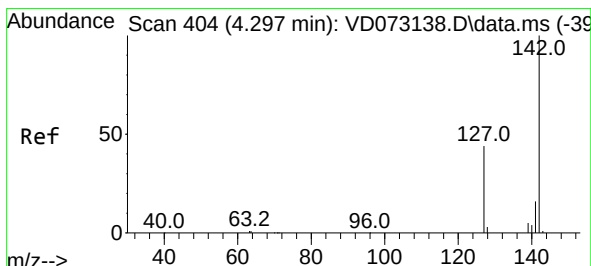
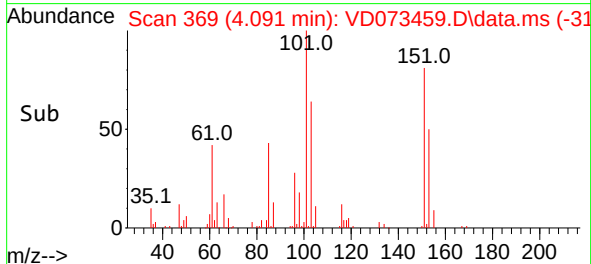
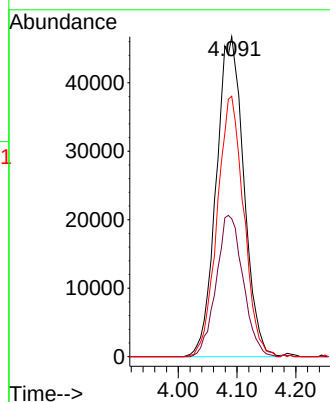
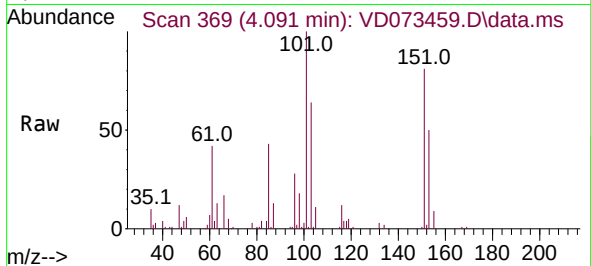




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.583 ug/l
RT: 4.091 min Scan# 301
Delta R.T. -0.006 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

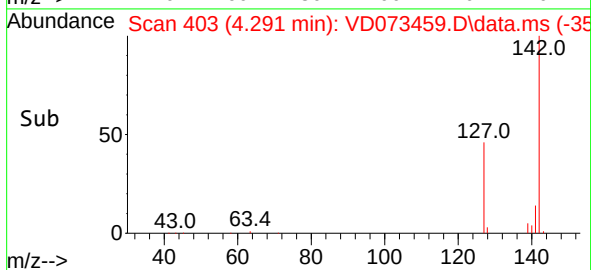
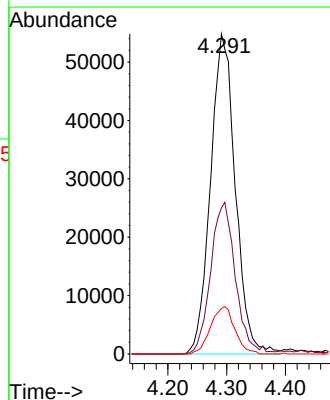
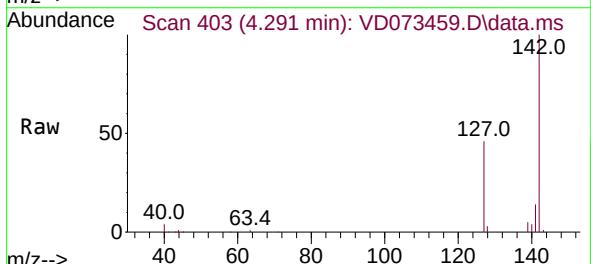
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

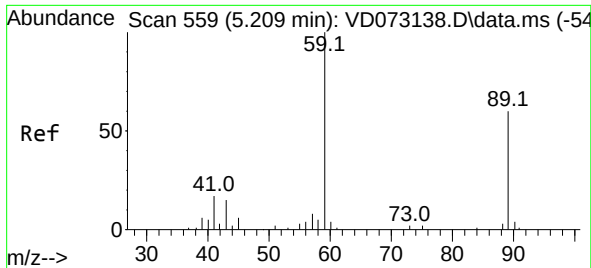
Tgt Ion:101 Resp: 152193
Ion Ratio Lower Upper
101 100
85 43.1 36.4 54.6
151 78.3 57.3 85.9



#10
Methyl Iodide
Concen: 45.549 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion:142 Resp: 160558
Ion Ratio Lower Upper
142 100
127 47.2 37.3 55.9
141 14.4 11.7 17.5

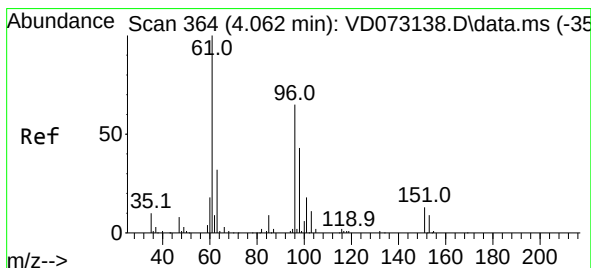
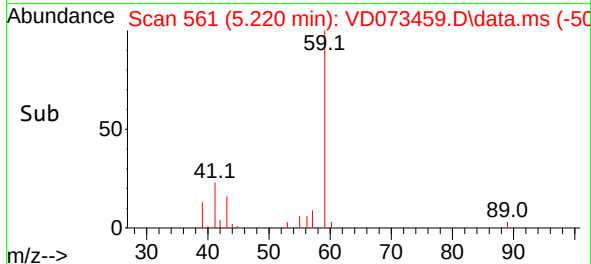
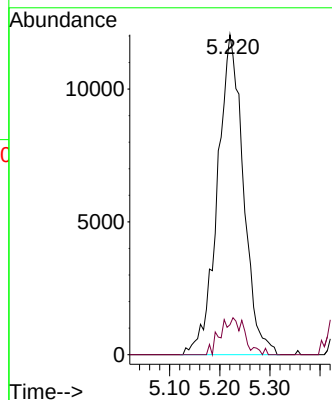
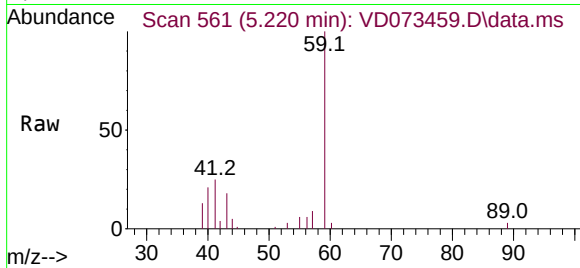




#11
Tert butyl alcohol
Concen: 84.279 ug/l
RT: 5.220 min Scan# 511
Delta R.T. 0.011 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

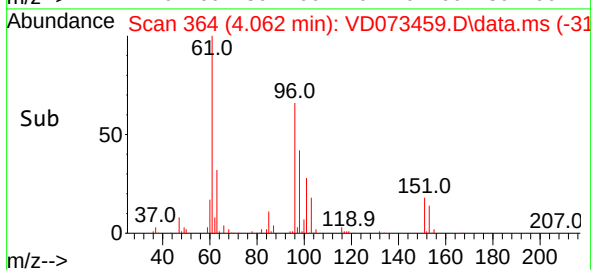
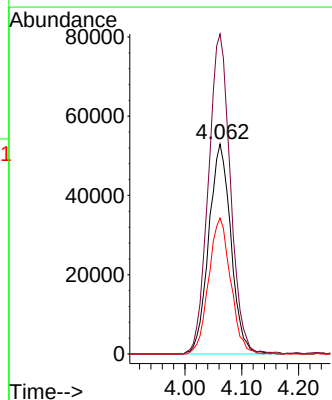
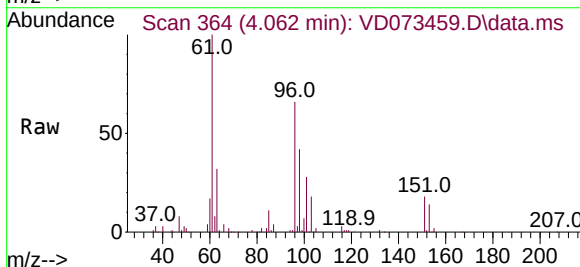
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

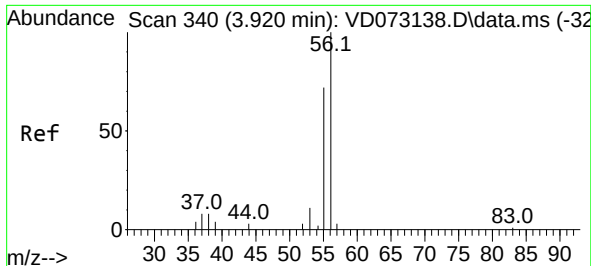
Tgt Ion: 59 Resp: 43313
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.6



#12
1,1-Dichloroethene
Concen: 47.581 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 96 Resp: 143322
Ion Ratio Lower Upper
96 100
61 152.4 138.5 207.7
98 64.7 48.6 73.0

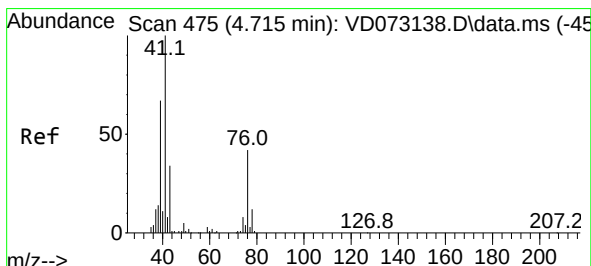
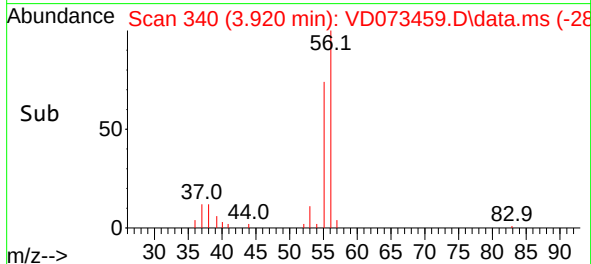
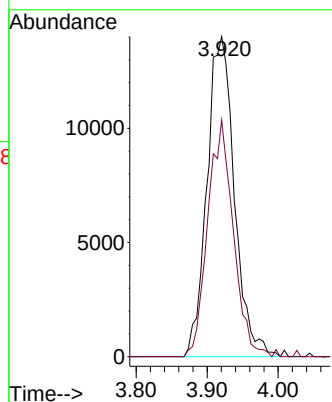
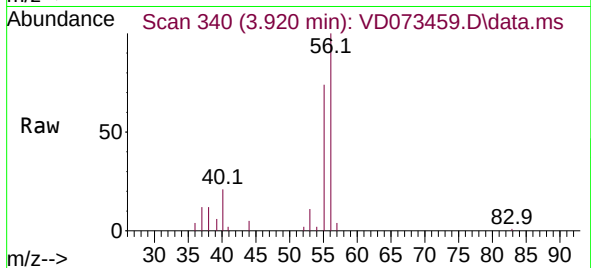




#13
Acrolein
Concen: 180.498 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

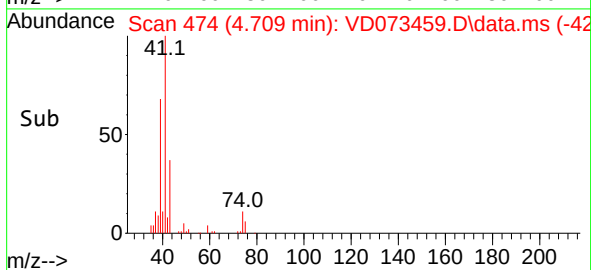
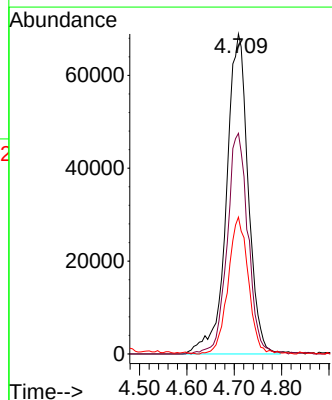
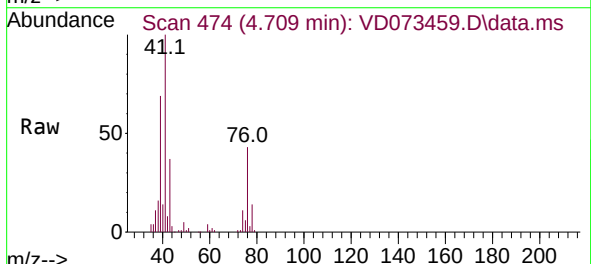
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

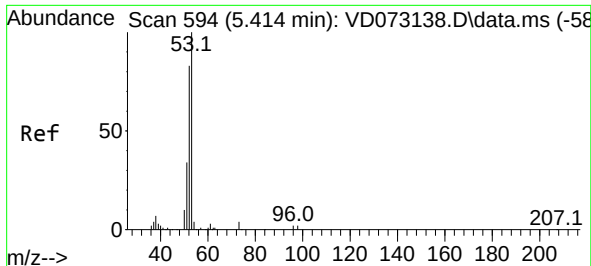
Tgt Ion: 56 Resp: 37634
Ion Ratio Lower Upper
56 100
55 68.8 57.1 85.7



#14
Allyl chloride
Concen: 45.139 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 41 Resp: 219471
Ion Ratio Lower Upper
41 100
39 66.5 59.3 88.9
76 40.0 25.7 38.5#

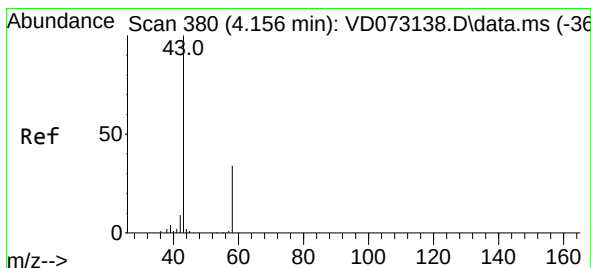
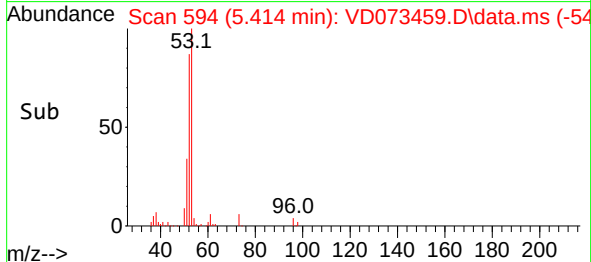
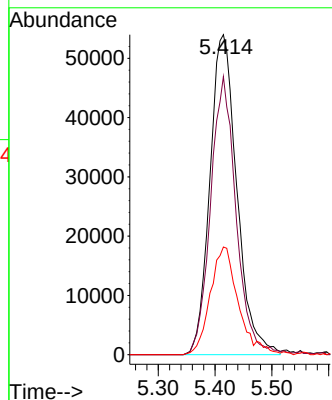
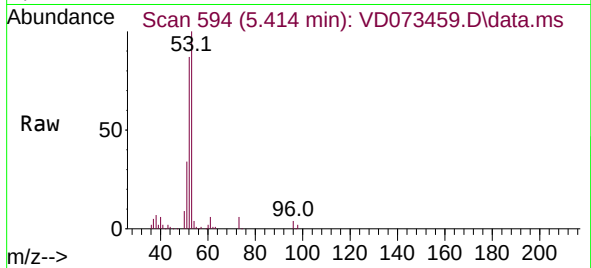




#15
Acrylonitrile
Concen: 258.819 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

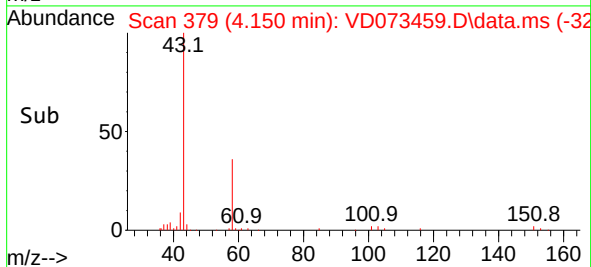
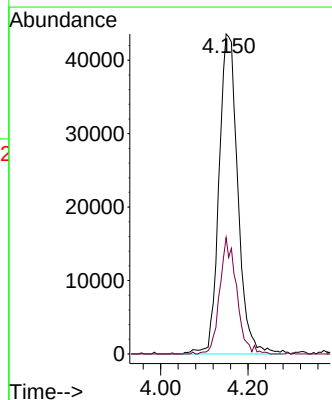
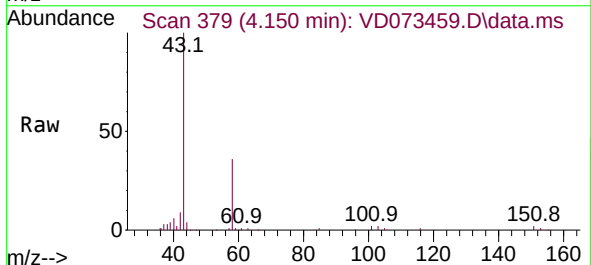
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

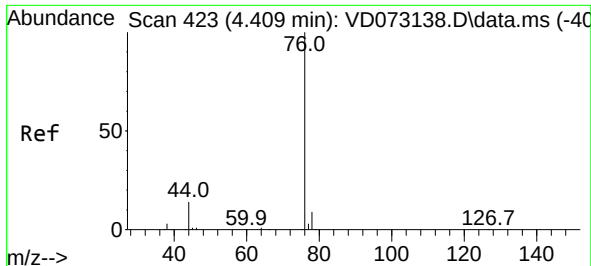
Tgt Ion: 53 Resp: 178078
Ion Ratio Lower Upper
53 100
52 82.0 67.2 100.8
51 35.0 30.3 45.5



#16
Acetone
Concen: 226.250 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 43 Resp: 129810
Ion Ratio Lower Upper
43 100
58 36.4 22.1 33.1#

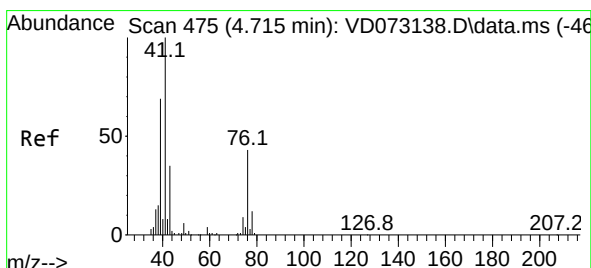
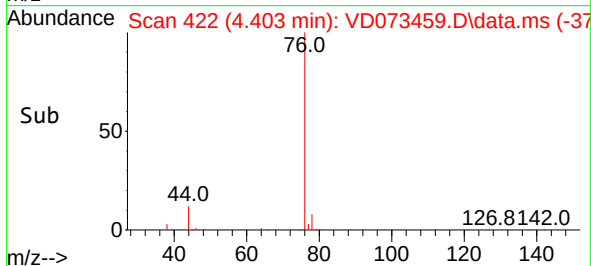
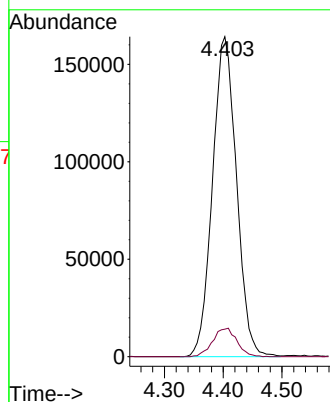
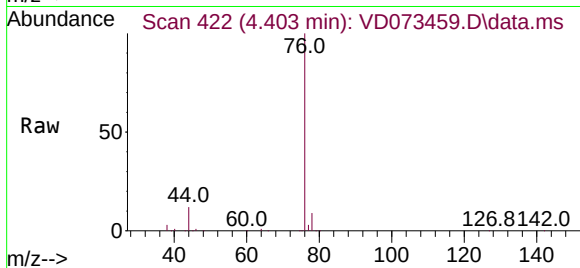




#17
Carbon Disulfide
Concen: 46.675 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

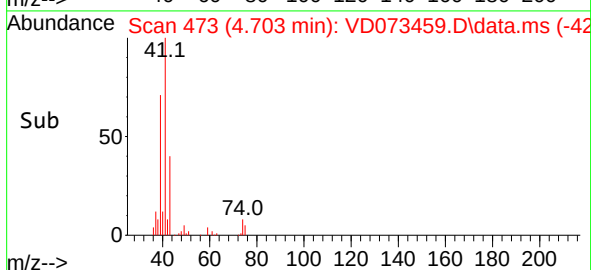
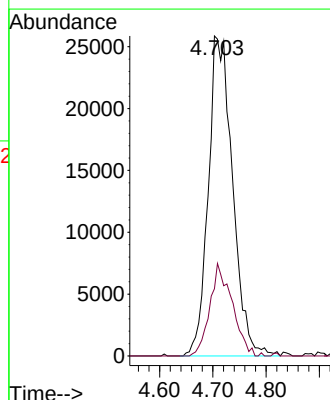
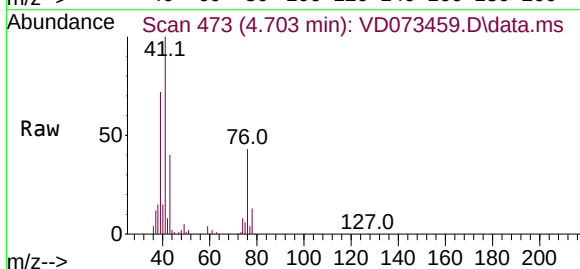
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

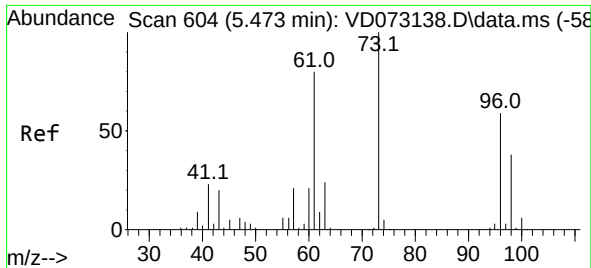
Tgt Ion: 76 Resp: 466070
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 51.483 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.012 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 43 Resp: 82137
Ion Ratio Lower Upper
43 100
74 26.5 16.7 25.1#

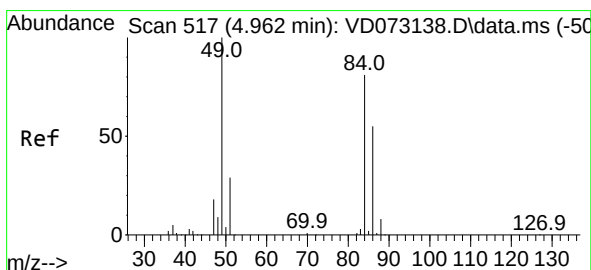
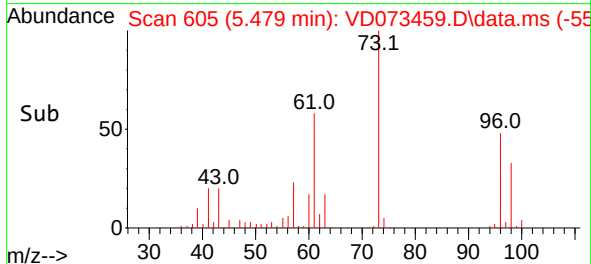
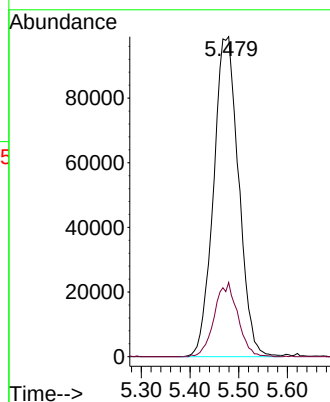
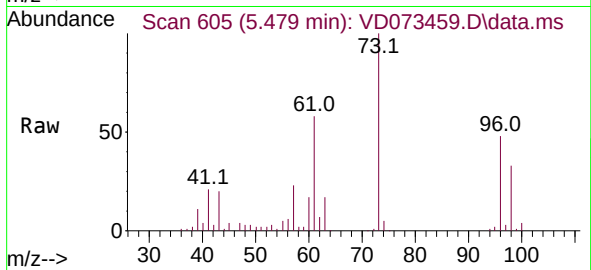




#19
Methyl tert-butyl Ether
Concen: 51.662 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

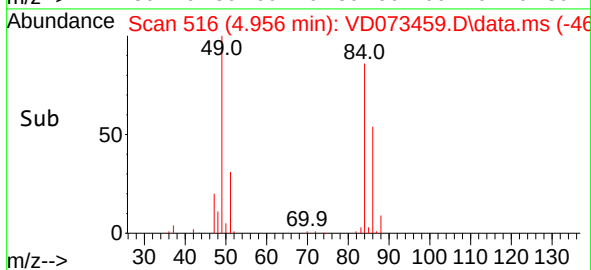
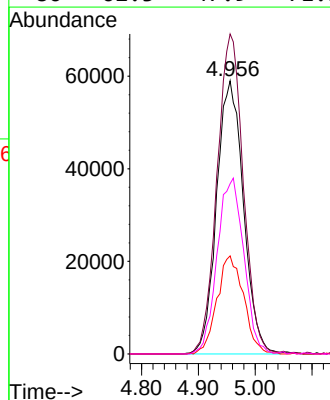
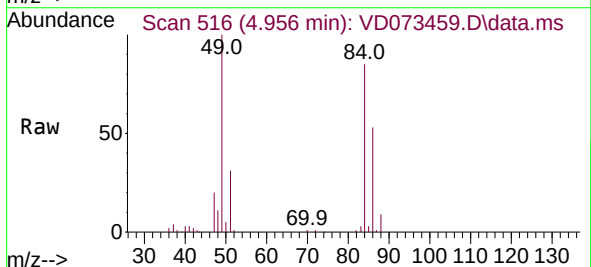
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

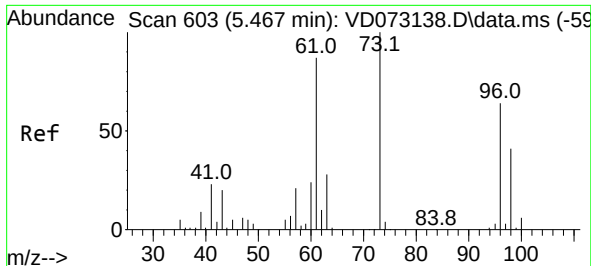
Tgt Ion: 73 Resp: 354515
Ion Ratio Lower Upper
73 100
57 23.2 18.0 27.0



#20
Methylene Chloride
Concen: 53.439 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 84 Resp: 193477
Ion Ratio Lower Upper
84 100
49 117.2 112.8 169.2
51 35.9 32.6 48.8
86 62.3 47.9 71.9

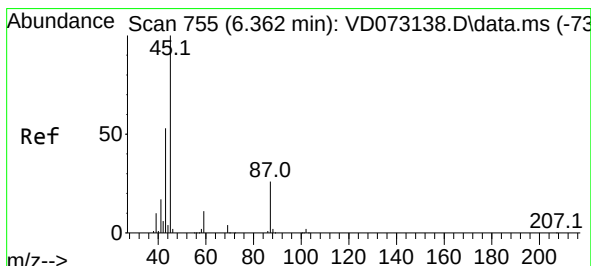
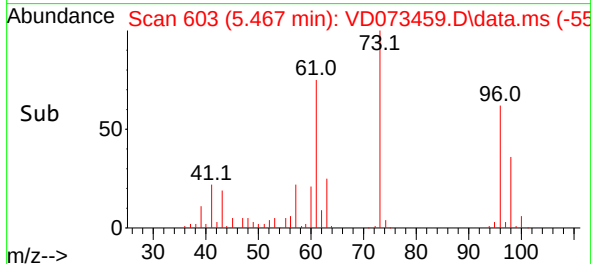
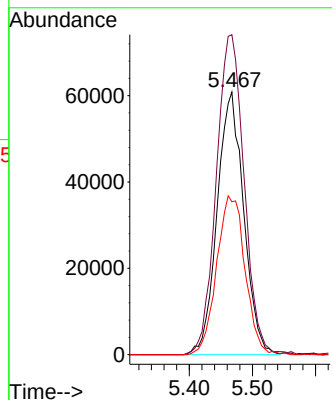
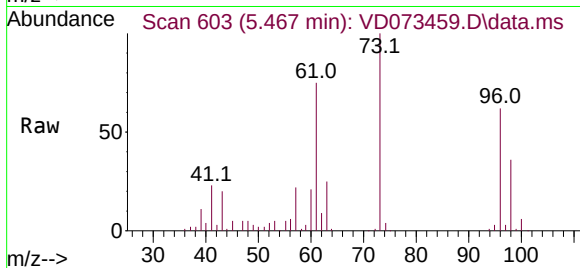




#21
trans-1,2-Dichloroethene
Concen: 48.737 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

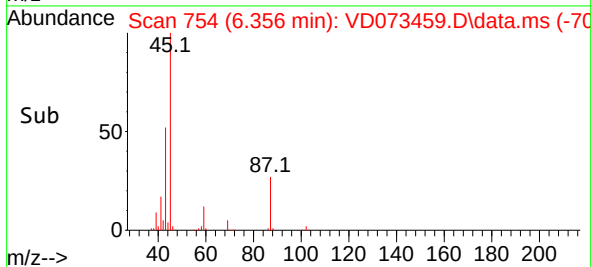
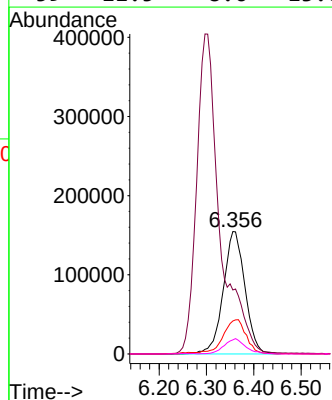
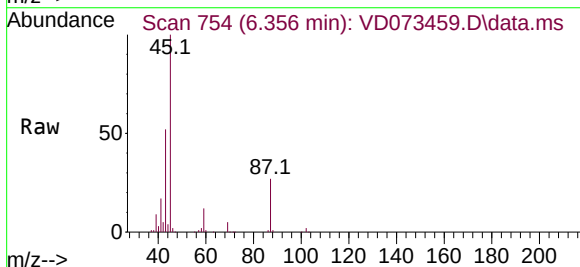
Instrument :
MSVOA_D
ClientSampleId :
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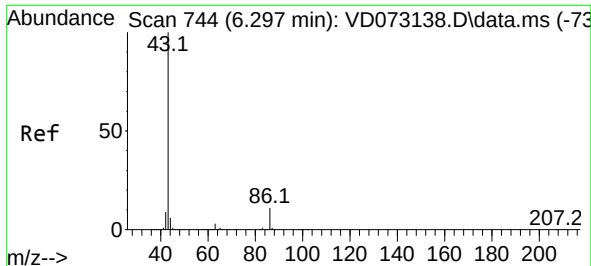
Tgt Ion: 96 Resp: 177500
Ion Ratio Lower Upper
96 100
61 121.8 117.9 176.9
98 58.2 49.4 74.2



#22
Diisopropyl ether
Concen: 48.299 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 45 Resp: 492289
Ion Ratio Lower Upper
45 100
43 51.4 46.6 70.0
87 26.8 18.4 27.6
59 11.5 8.6 13.0

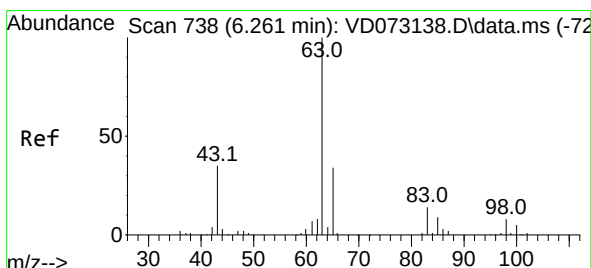
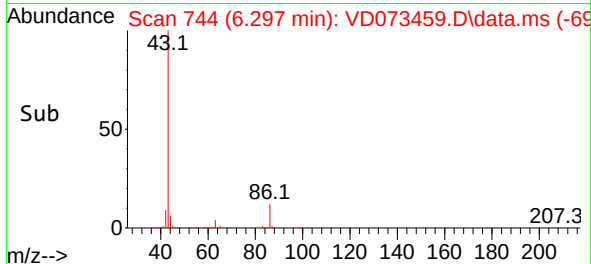
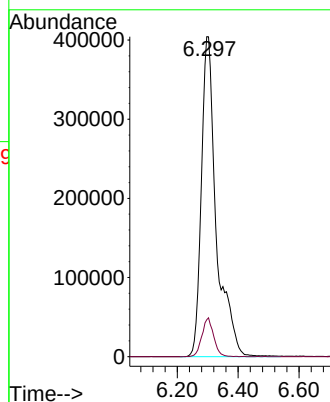
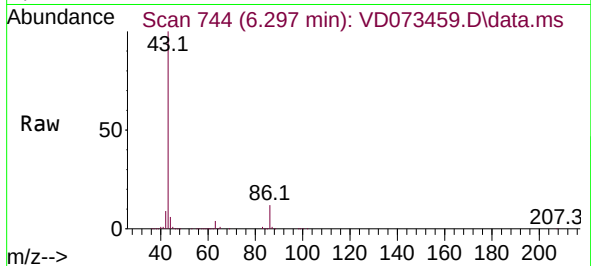




#23
 Vinyl Acetate
 Concen: 254.006 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073459.D
 Acq: 01 Jun 2022 20:39

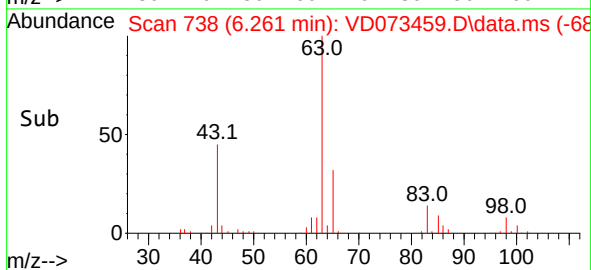
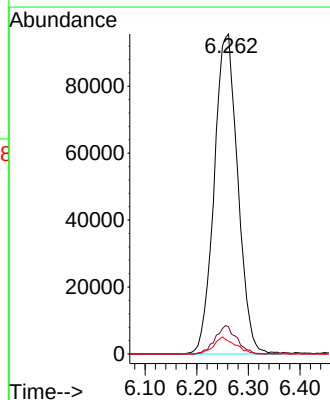
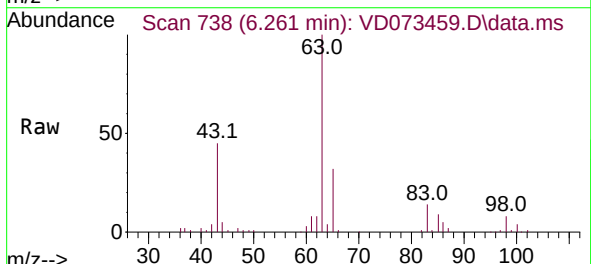
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

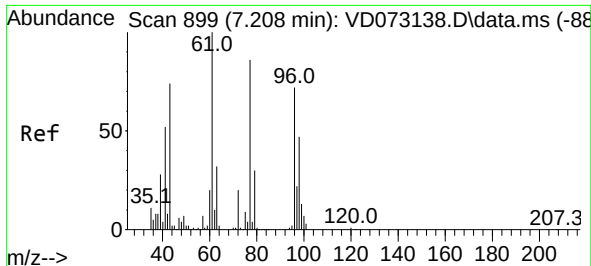
Tgt Ion: 43 Resp: 1380954
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 46.314 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073459.D
 Acq: 01 Jun 2022 20:39

Tgt Ion: 63 Resp: 303002
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.9
 100 4.0 2.1 6.5

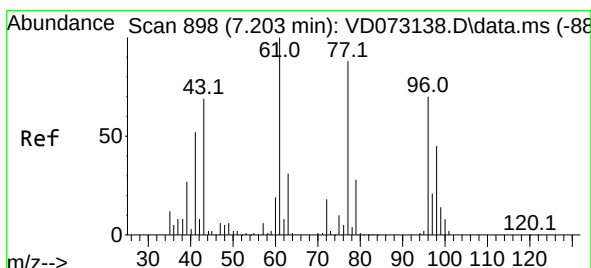
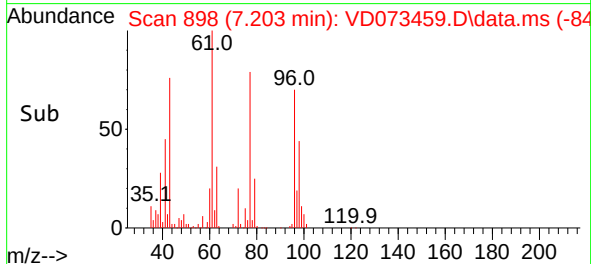
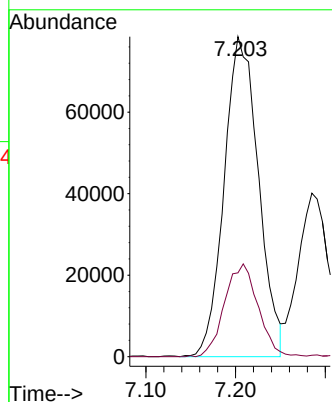
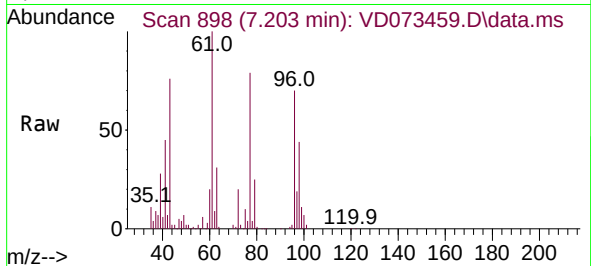




#25
2-Butanone
Concen: 248.360 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.005 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

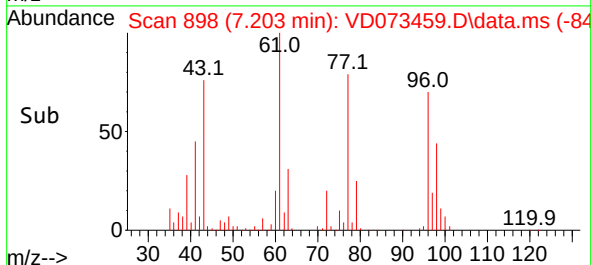
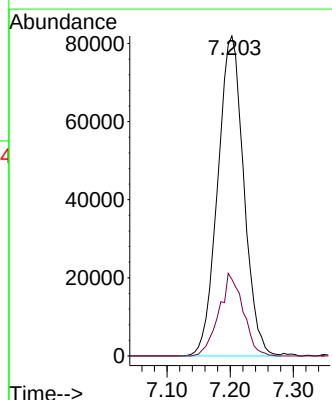
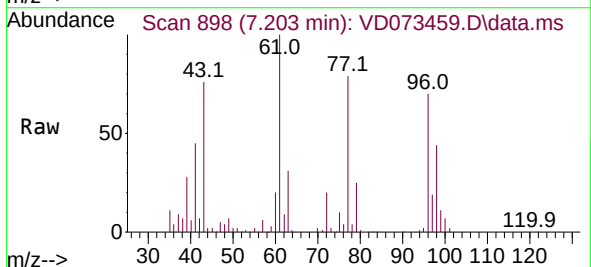
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

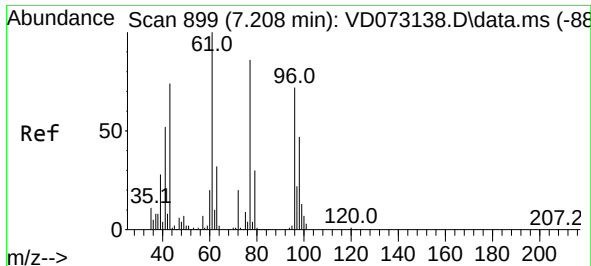
Tgt Ion: 43 Resp: 208476
Ion Ratio Lower Upper
43 100
72 26.2 18.6 27.8



#26
2,2-Dichloropropane
Concen: 42.093 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 77 Resp: 234852
Ion Ratio Lower Upper
77 100
97 24.0 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 48.561 ug/l

RT: 7.208 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

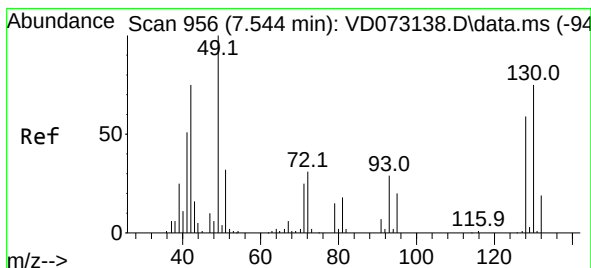
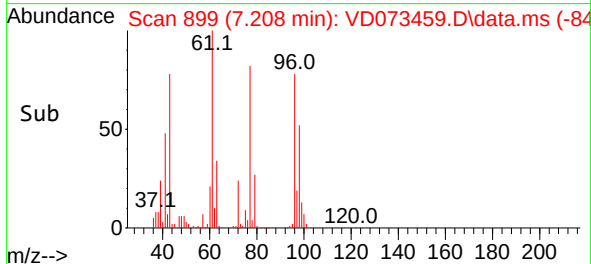
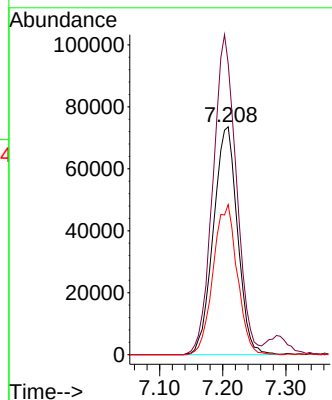
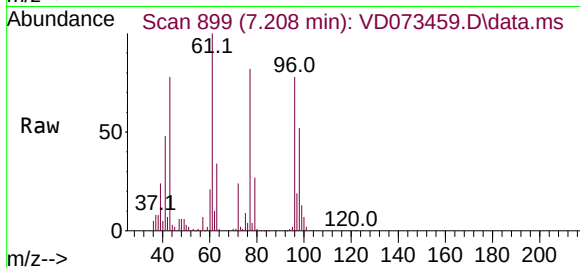
Tgt Ion: 96 Resp: 195696

Ion Ratio Lower Upper

96 100

61 136.5 0.0 313.8

98 65.7 0.0 128.8



#28

Bromochloromethane

Concen: 44.658 ug/l

RT: 7.538 min Scan# 955

Delta R.T. -0.006 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

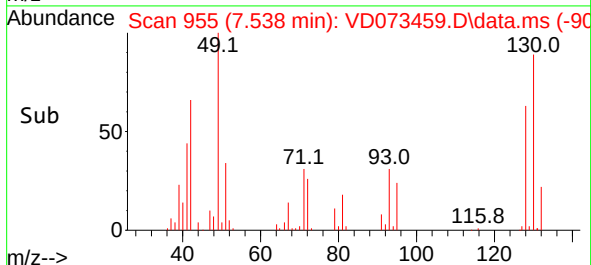
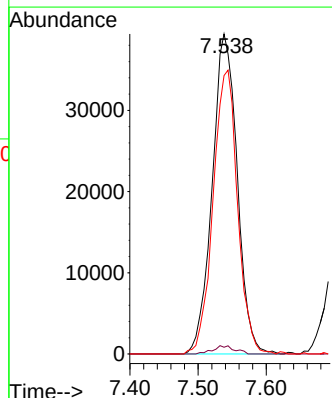
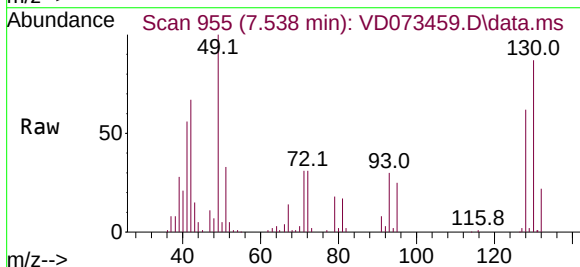
Tgt Ion: 49 Resp: 100655

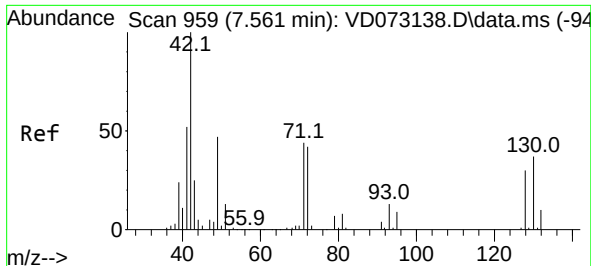
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 86.6 52.6 79.0#





#29

Tetrahydrofuran

Concen: 260.866 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

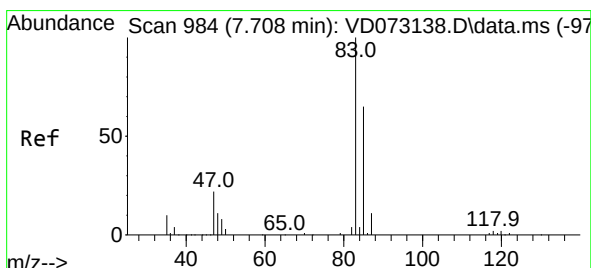
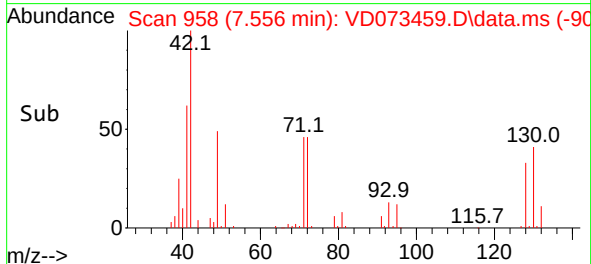
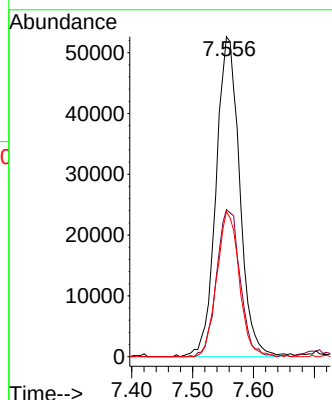
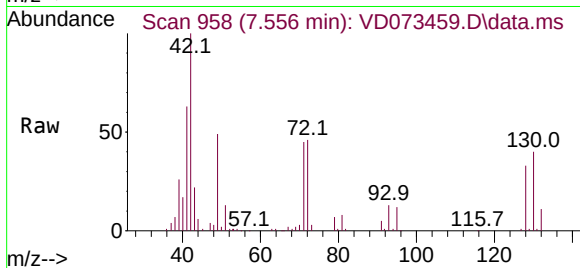
Tgt Ion: 42 Resp: 141592

Ion Ratio Lower Upper

42 100

72 45.8 30.7 46.1

71 43.2 28.6 43.0#



#30

Chloroform

Concen: 48.456 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073459.D

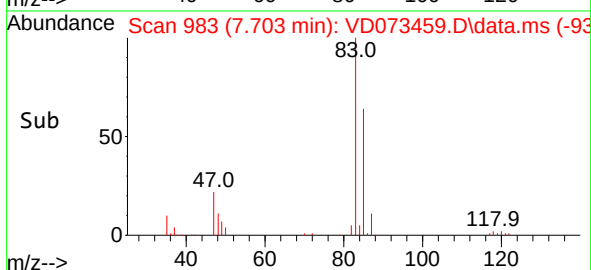
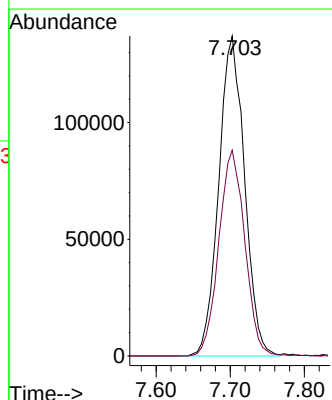
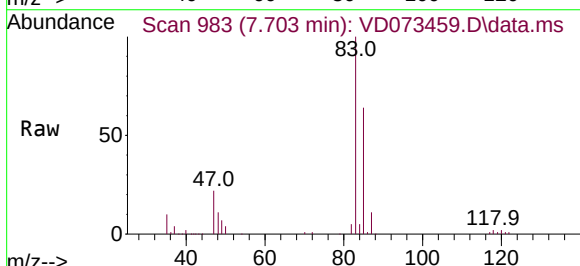
Acq: 01 Jun 2022 20:39

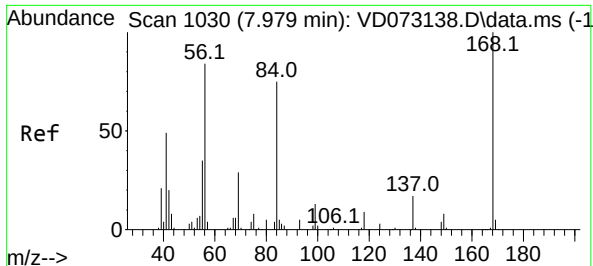
Tgt Ion: 83 Resp: 330966

Ion Ratio Lower Upper

83 100

85 64.3 52.7 79.1





#31

Cyclohexane

Concen: 42.414 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

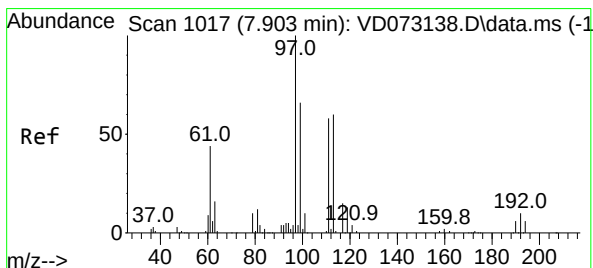
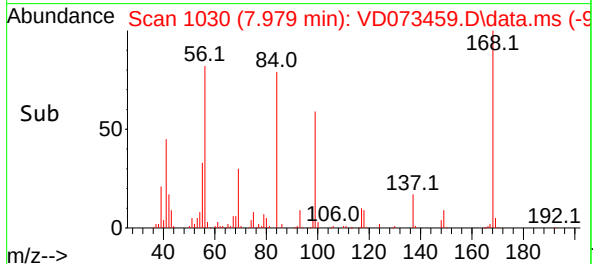
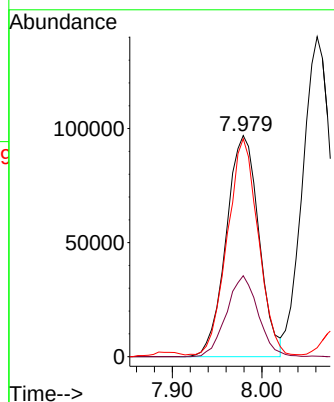
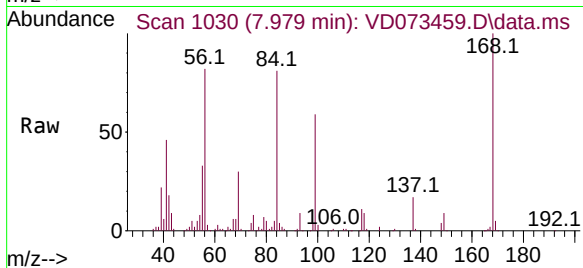
Tgt Ion: 56 Resp: 245514

Ion Ratio Lower Upper

56 100

69 36.6 25.4 38.2

84 97.3 63.0 94.4#



#32

1,1,1-Trichloroethane

Concen: 47.253 ug/l

RT: 7.891 min Scan# 1015

Delta R.T. -0.012 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

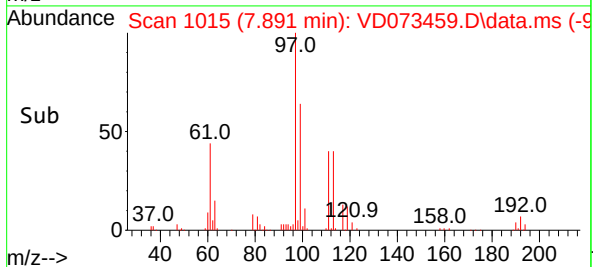
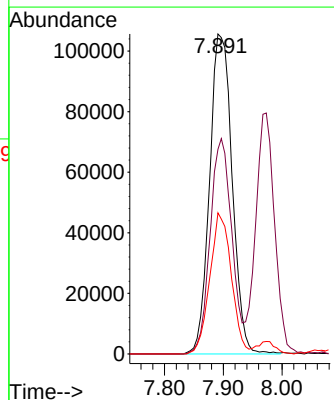
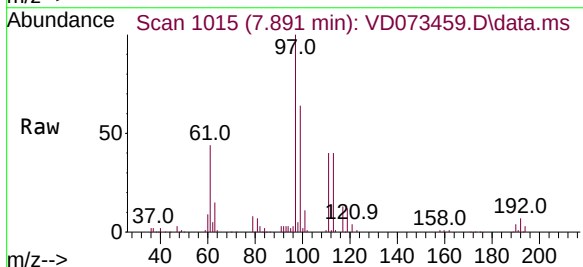
Tgt Ion: 97 Resp: 282283

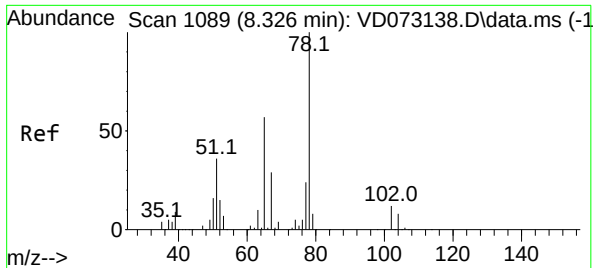
Ion Ratio Lower Upper

97 100

99 64.0 52.4 78.6

61 42.0 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 48.445 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

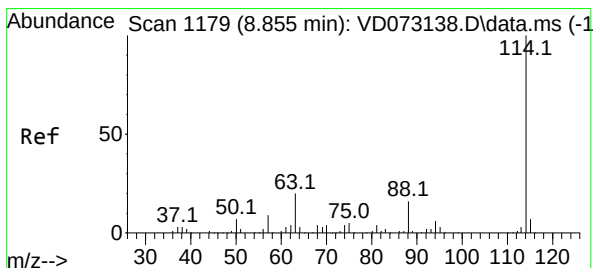
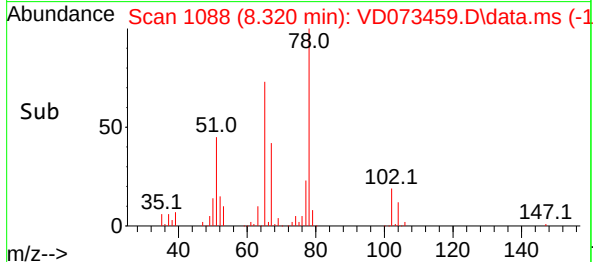
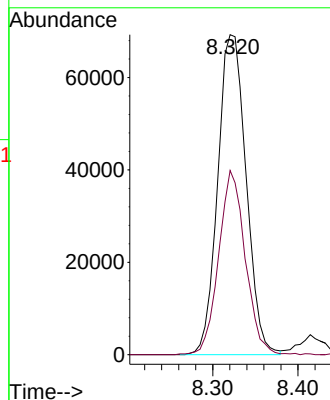
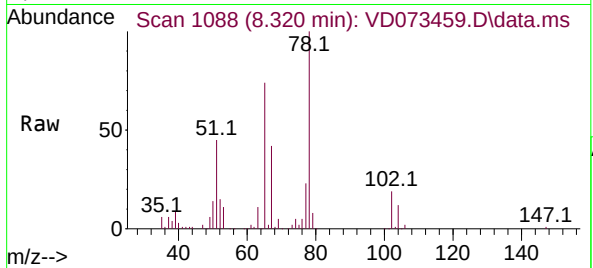
VSTDCCC050EC

Tgt Ion: 65 Resp: 160470

Ion Ratio Lower Upper

65 100

67 54.0 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: VD073459.D

Acq: 01 Jun 2022 20:39

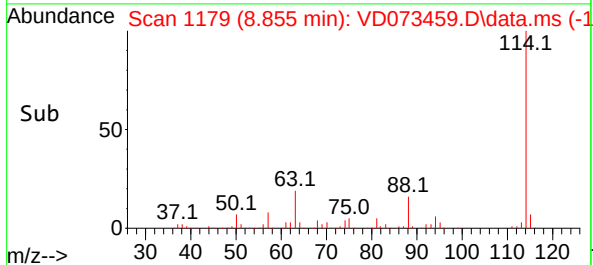
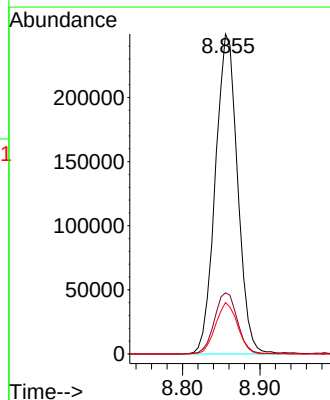
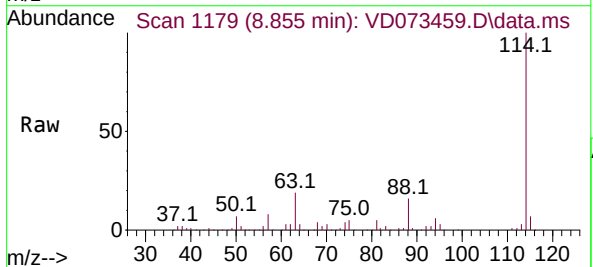
Tgt Ion: 114 Resp: 498928

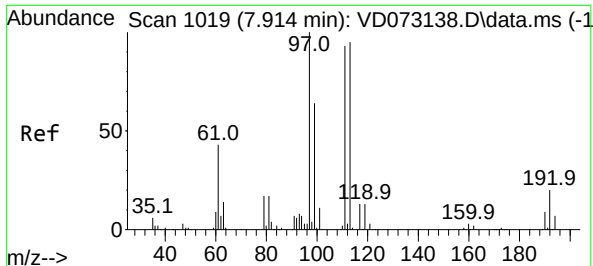
Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.446 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

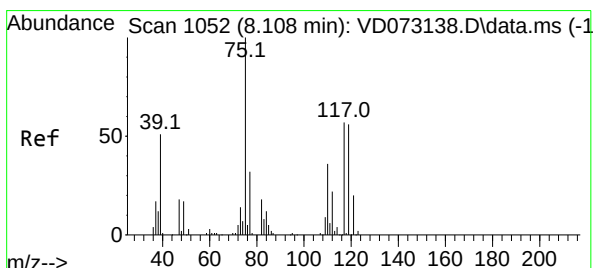
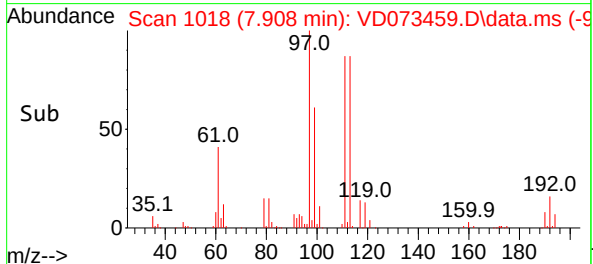
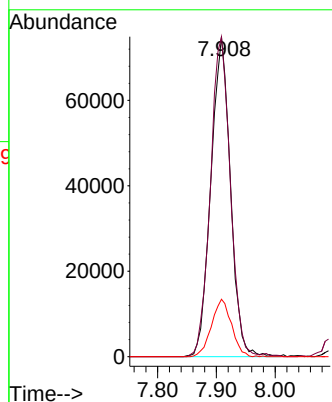
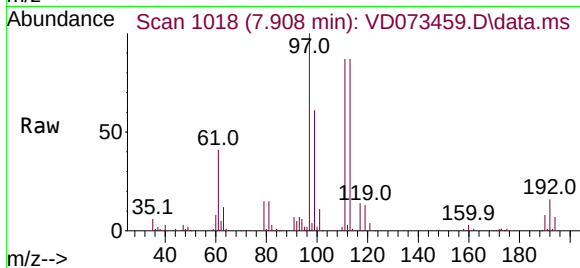
Tgt Ion:113 Resp: 172666

Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 18.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 47.715 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.005 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

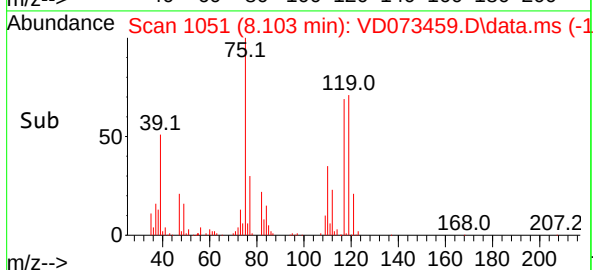
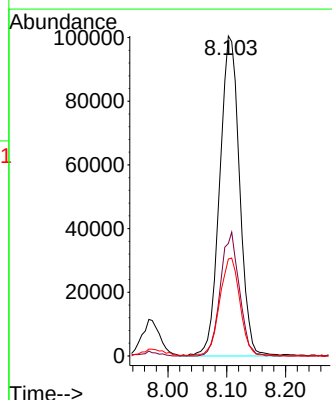
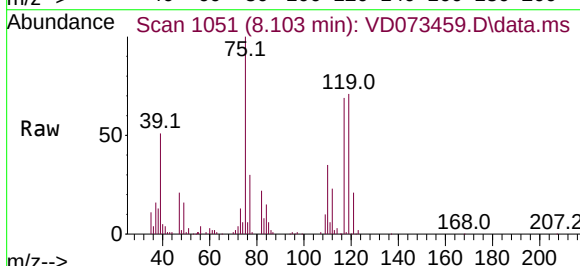
Tgt Ion: 75 Resp: 236260

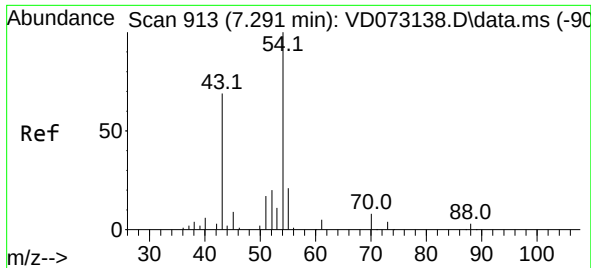
Ion Ratio Lower Upper

75 100

110 37.0 16.4 49.1

77 31.3 24.2 36.2





#37

Ethyl Acetate

Concen: 50.495 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

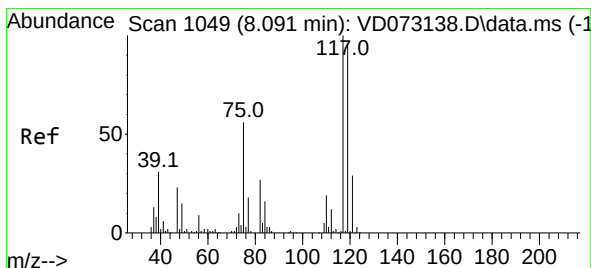
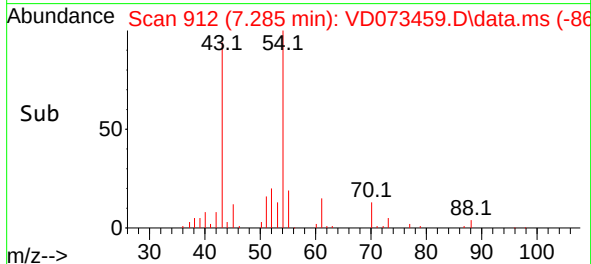
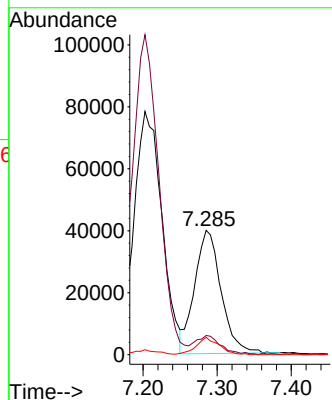
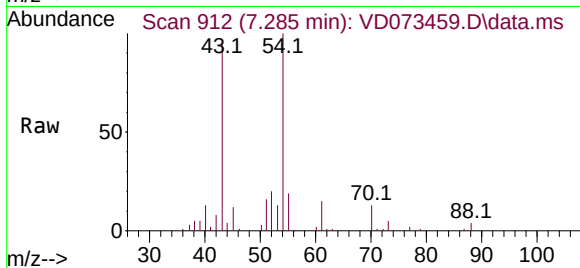
Tgt Ion: 43 Resp: 98759

Ion Ratio Lower Upper

43 100

61 14.9 9.8 14.8#

70 12.1 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 48.952 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

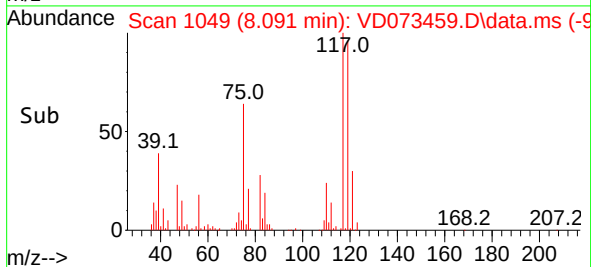
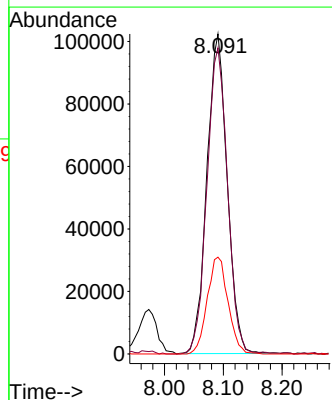
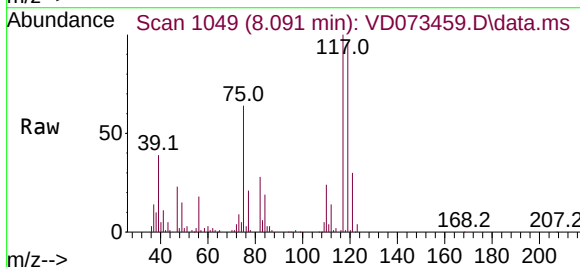
Tgt Ion: 117 Resp: 245699

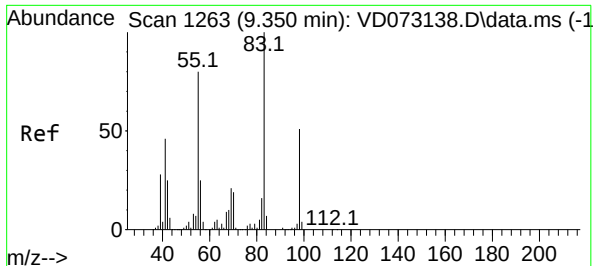
Ion Ratio Lower Upper

117 100

119 95.8 75.8 113.6

121 30.3 24.5 36.7





#39

Methylcyclohexane

Concen: 48.766 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

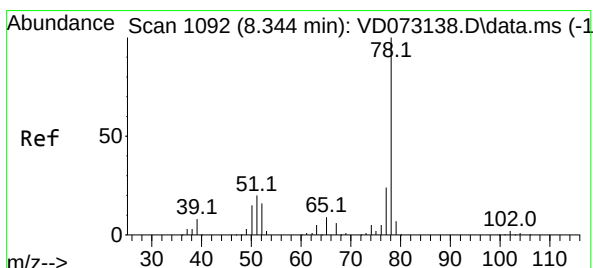
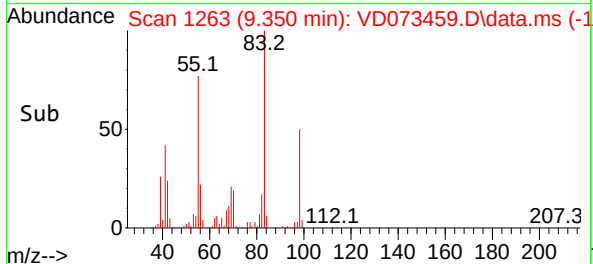
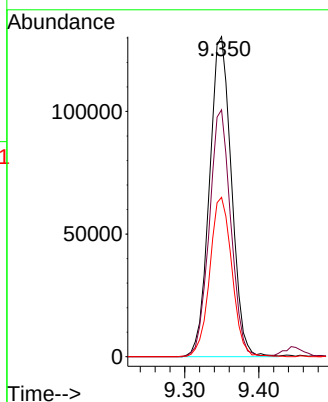
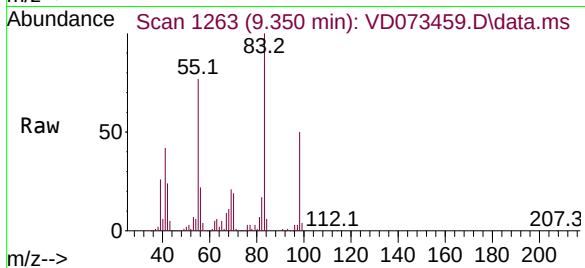
Tgt Ion: 83 Resp: 269100

Ion Ratio Lower Upper

83 100

55 77.2 63.2 94.8

98 49.8 38.2 57.4



#40

Benzene

Concen: 49.232 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073459.D

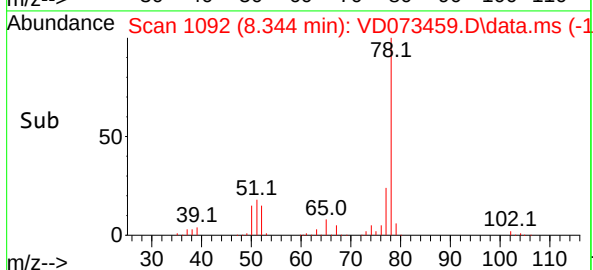
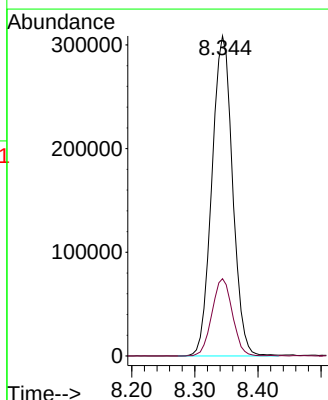
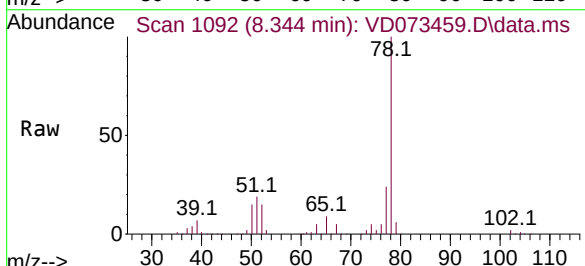
Acq: 01 Jun 2022 20:39

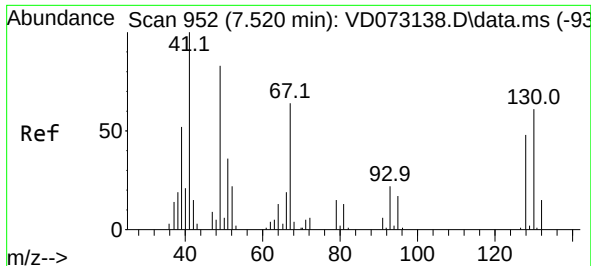
Tgt Ion: 78 Resp: 702551

Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7



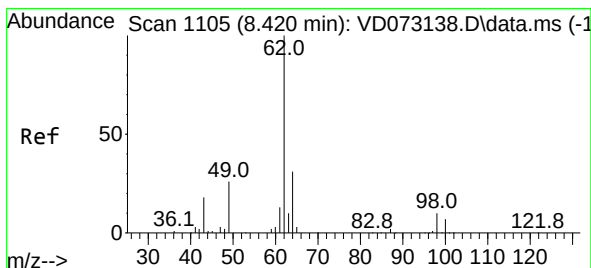
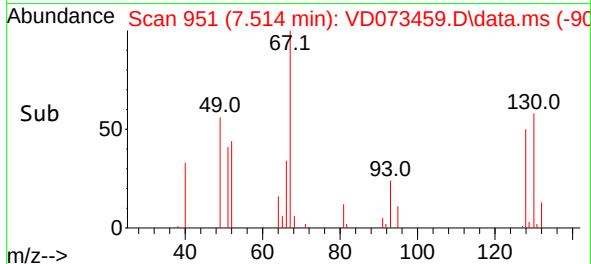
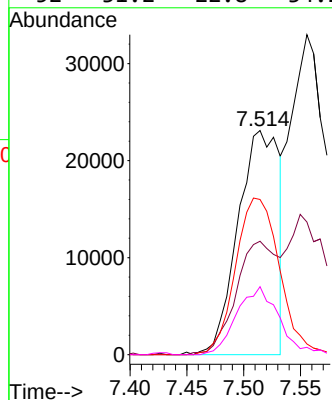
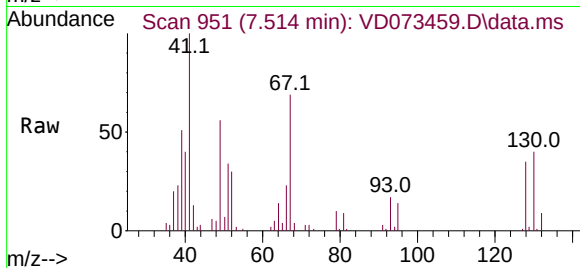


#41
Methacrylonitrile
Concen: 51.188 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 58329

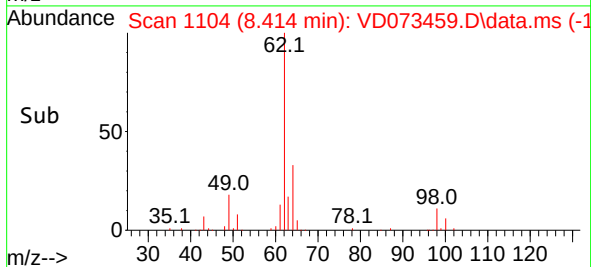
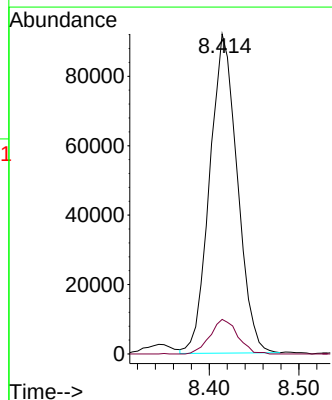
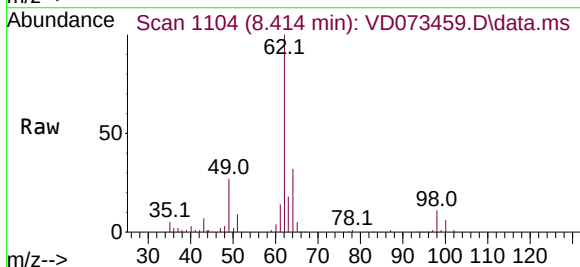
Ion	Ratio	Lower	Upper
41	100		
39	51.7	44.6	67.0
67	74.6	48.2	72.4#
52	31.2	22.8	34.2

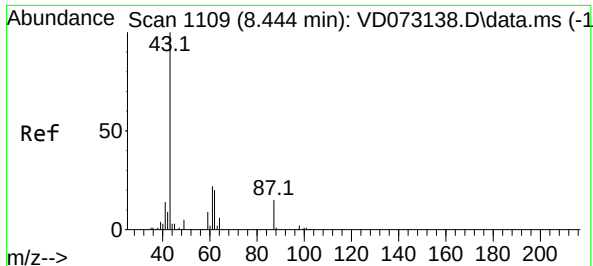


#42
1,2-Dichloroethane
Concen: 49.560 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 62 Resp: 196786

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	17.6

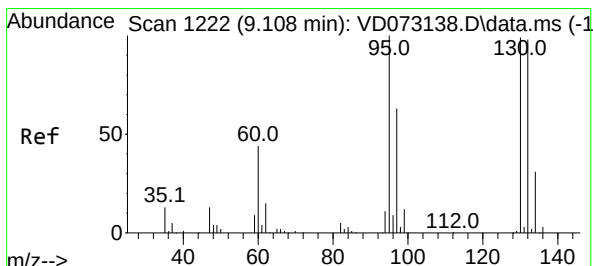
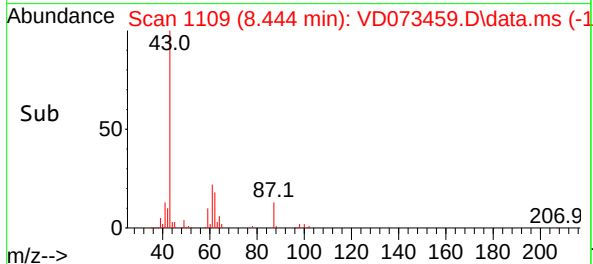
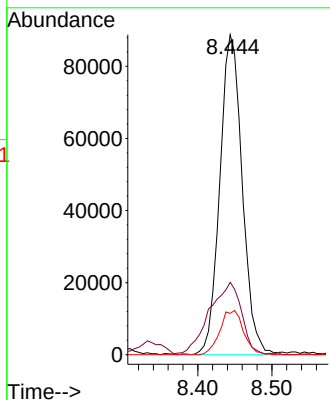
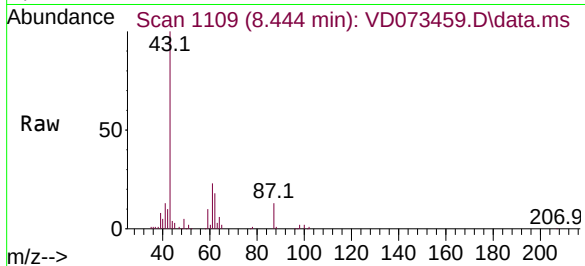




#43
Isopropyl Acetate
Concen: 51.665 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

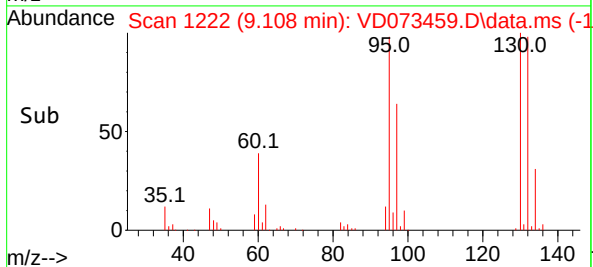
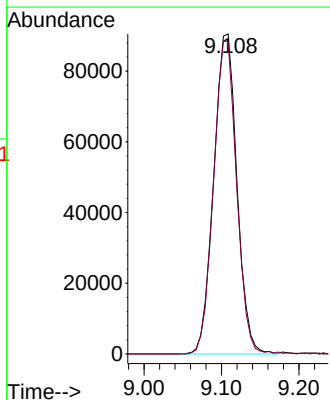
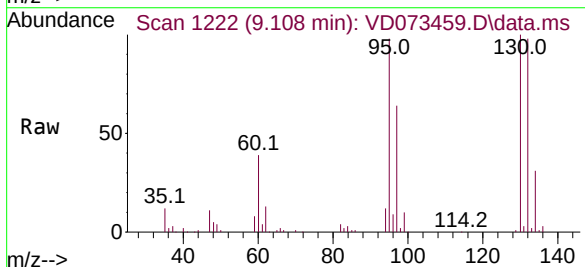
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

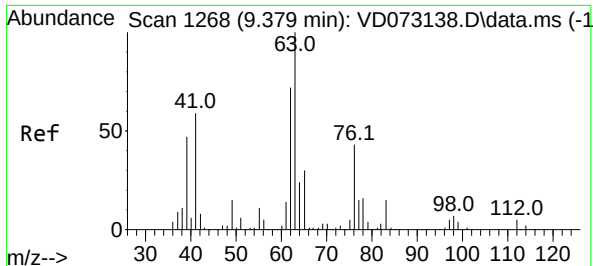
Tgt Ion: 43 Resp: 186771
Ion Ratio Lower Upper
43 100
61 32.5 22.4 33.6
87 14.5 8.7 13.1#



#44
Trichloroethene
Concen: 49.372 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion:130 Resp: 187879
Ion Ratio Lower Upper
130 100
95 97.7 0.0 205.4





#45

1,2-Dichloropropane

Concen: 49.497 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

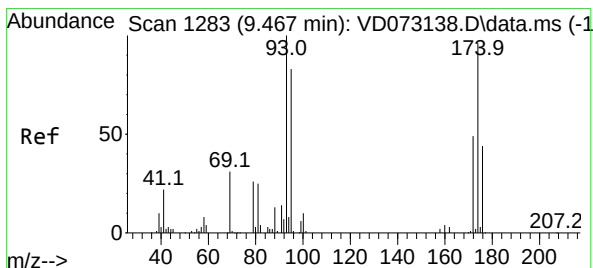
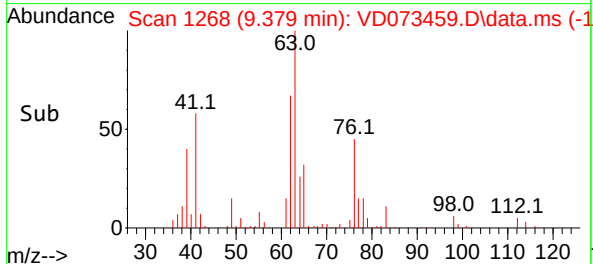
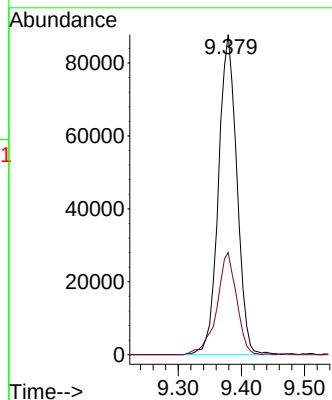
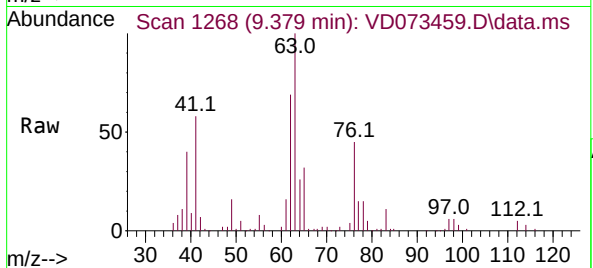
VSTDCCC050EC

Tgt Ion: 63 Resp: 177881

Ion Ratio Lower Upper

63 100

65 31.9 26.2 39.4



#46

Dibromomethane

Concen: 51.483 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

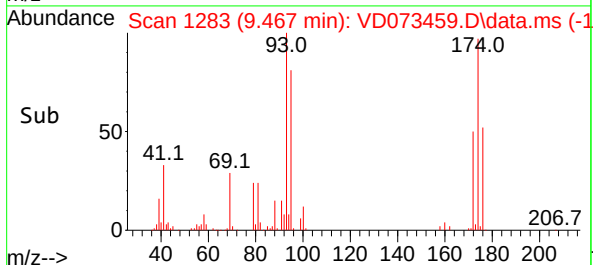
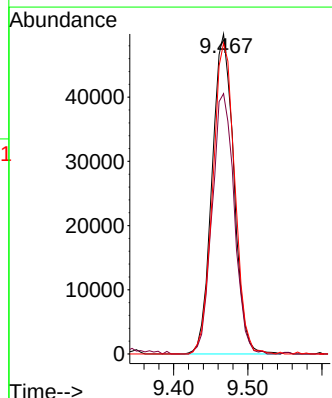
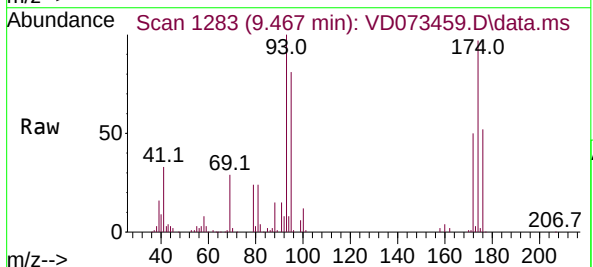
Tgt Ion: 93 Resp: 101616

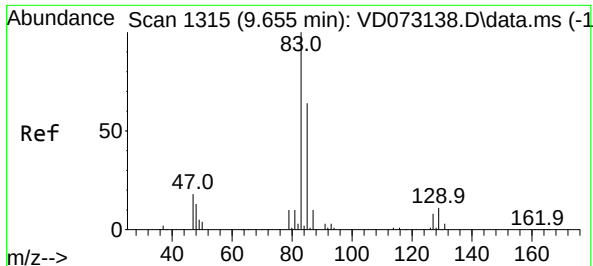
Ion Ratio Lower Upper

93 100

95 82.7 66.7 100.1

174 98.0 71.6 107.4

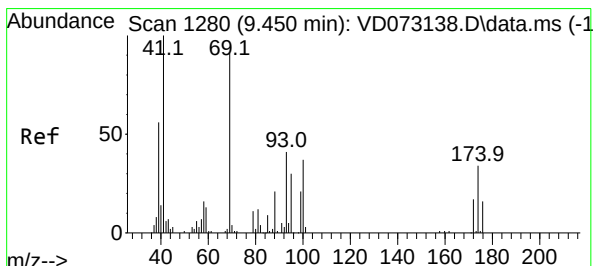
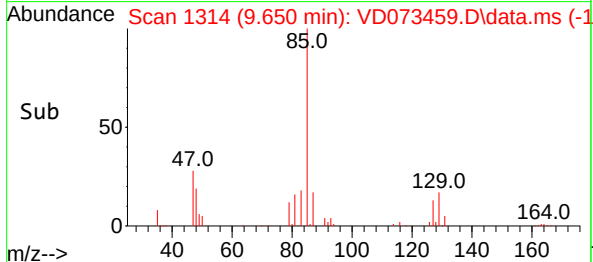
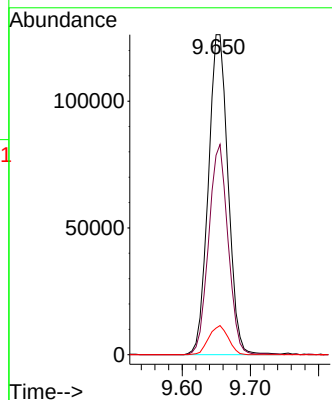
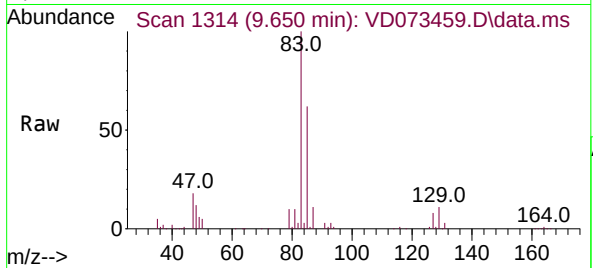




#47
Bromodichloromethane
Concen: 50.373 ug/l
RT: 9.650 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

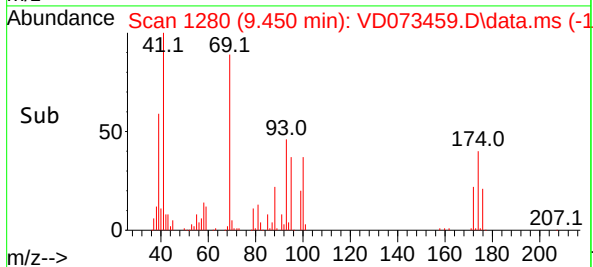
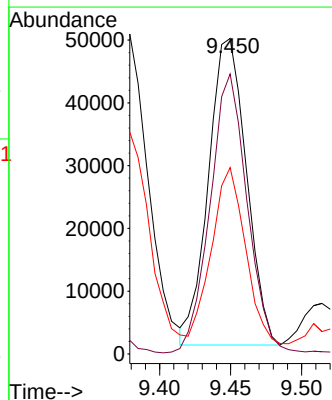
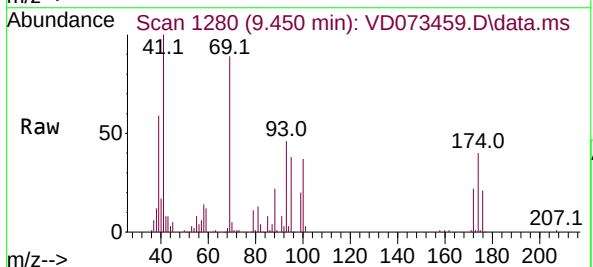
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

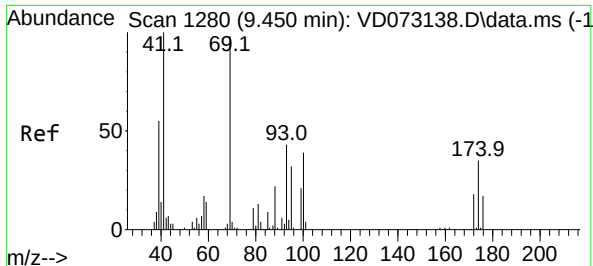
Tgt Ion: 83 Resp: 254401
Ion Ratio Lower Upper
83 100
85 62.3 51.4 77.0
127 8.3 6.1 9.1



#48
Methyl methacrylate
Concen: 49.845 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 41 Resp: 90657
Ion Ratio Lower Upper
41 100
69 91.3 56.7 85.1#
39 58.1 42.7 64.1

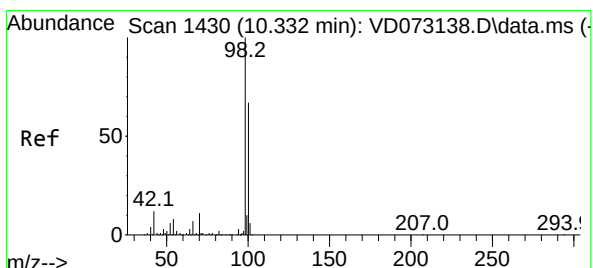
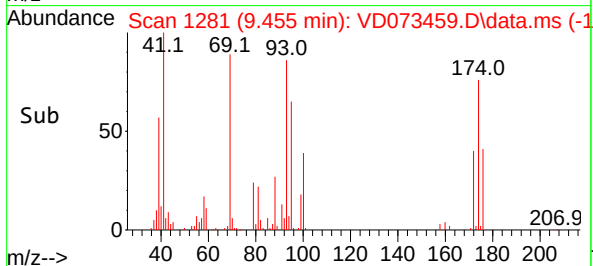
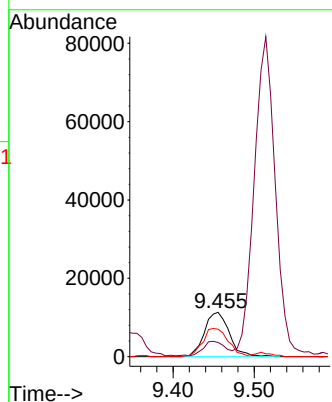
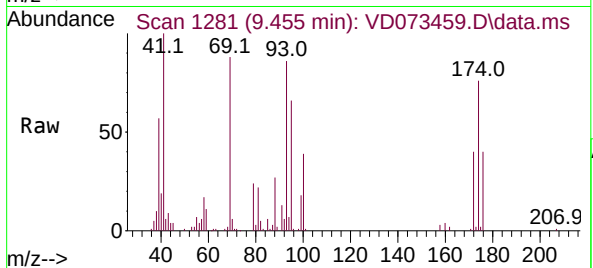




#49
1,4-Dioxane
Concen: 1179.888 ug/l
RT: 9.455 min Scan# 1280
Delta R.T. 0.005 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

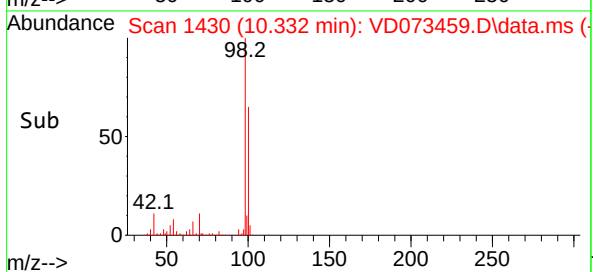
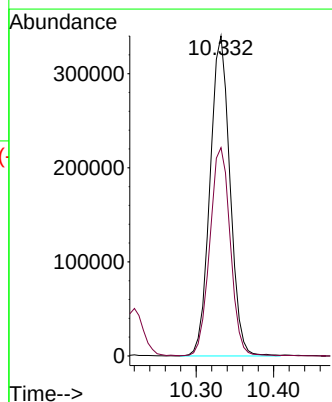
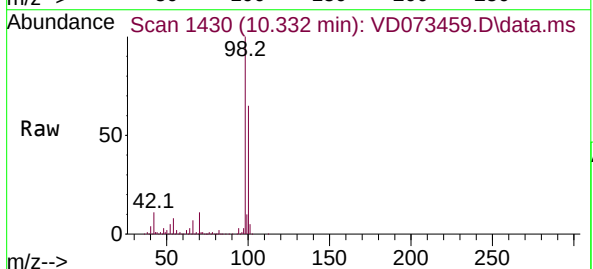
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

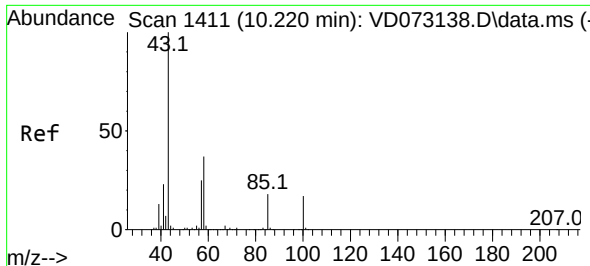
Tgt Ion: 88 Resp: 24050
Ion Ratio Lower Upper
88 100
43 27.9 31.0 46.4#
58 65.3 58.1 87.1



#50
Toluene-d8
Concen: 50.020 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 98 Resp: 607041
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

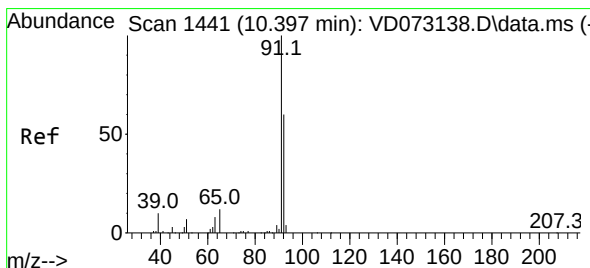
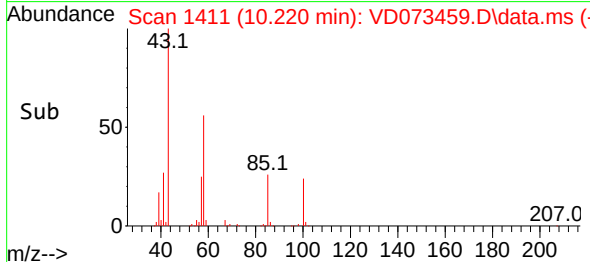
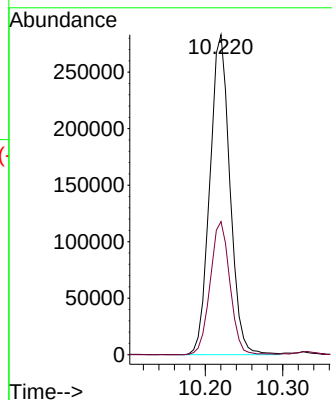
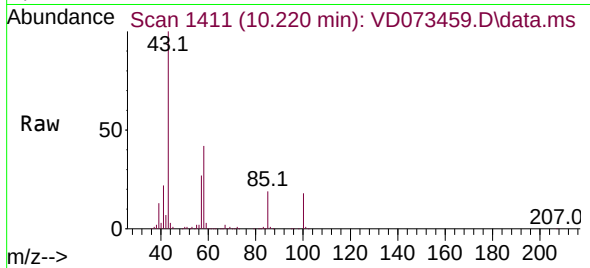




#51
4-Methyl-2-Pentanone
Concen: 272.195 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

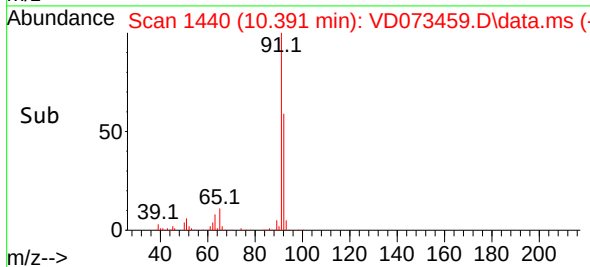
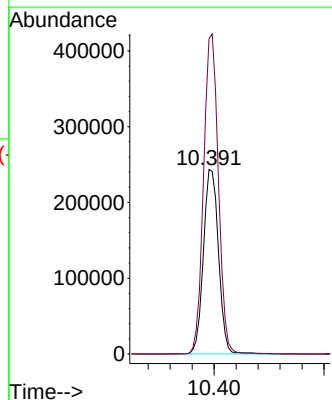
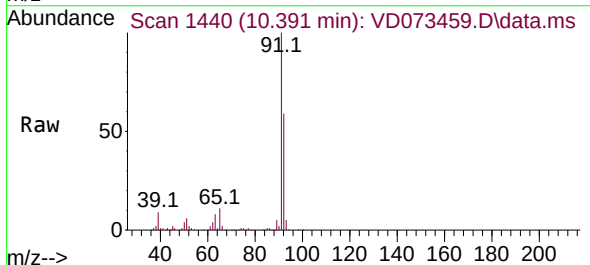
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

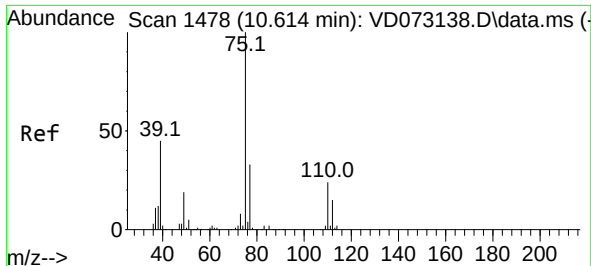
Tgt Ion: 43 Resp: 511070
Ion Ratio Lower Upper
43 100
58 40.9 28.6 43.0



#52
Toluene
Concen: 51.332 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 92 Resp: 462894
Ion Ratio Lower Upper
92 100
91 170.9 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 50.505 ug/l

RT: 10.608 min Scan# 1478

Delta R.T. -0.006 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

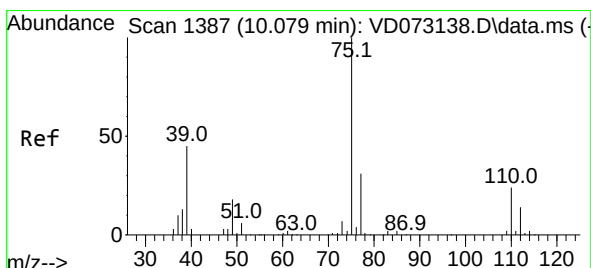
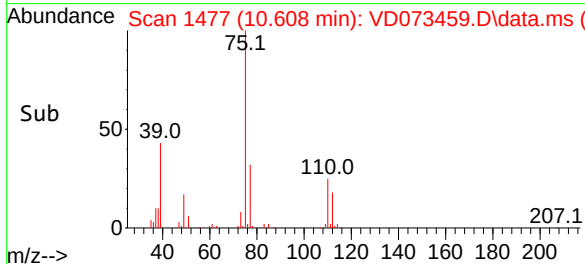
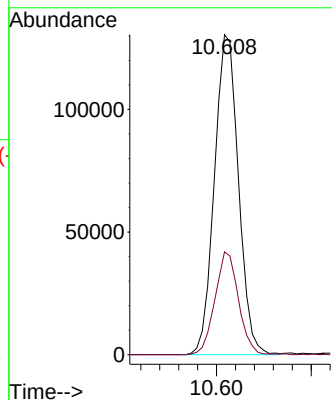
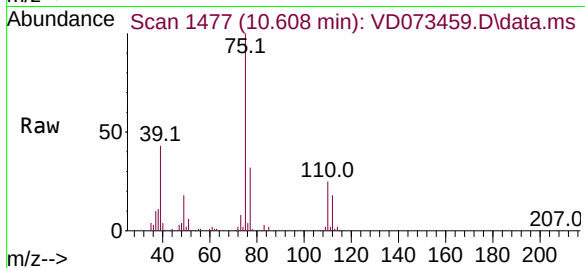
VSTDCCC050EC

Tgt Ion: 75 Resp: 230430

Ion Ratio Lower Upper

75 100

77 32.1 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 49.493 ug/l

RT: 10.079 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

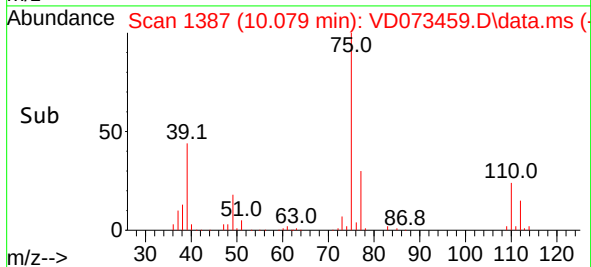
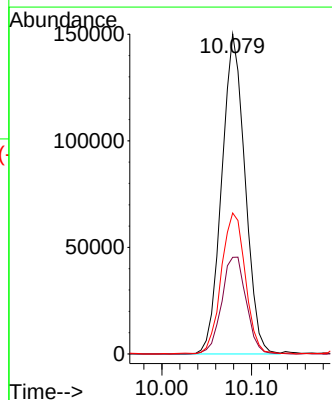
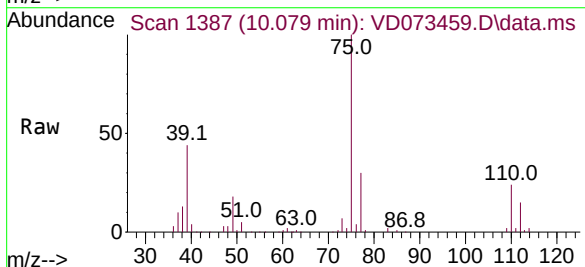
Tgt Ion: 75 Resp: 270231

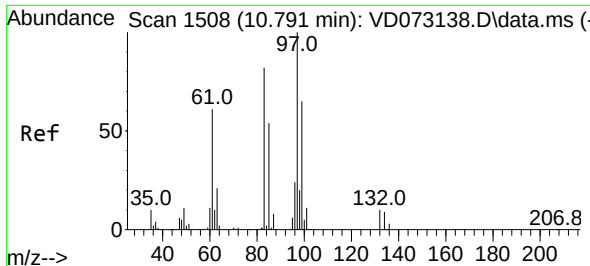
Ion Ratio Lower Upper

75 100

77 30.2 24.8 37.2

39 43.9 46.8 70.2#

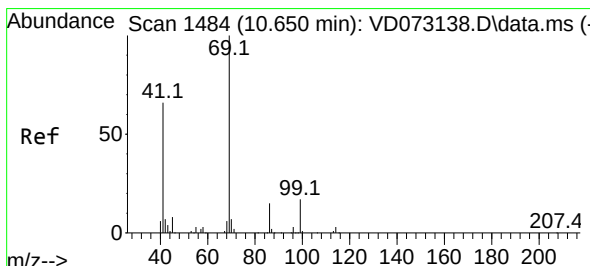
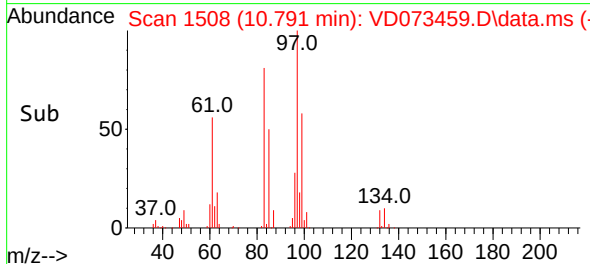
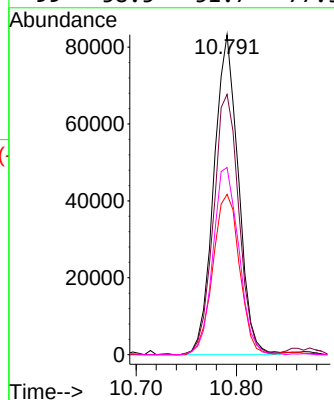
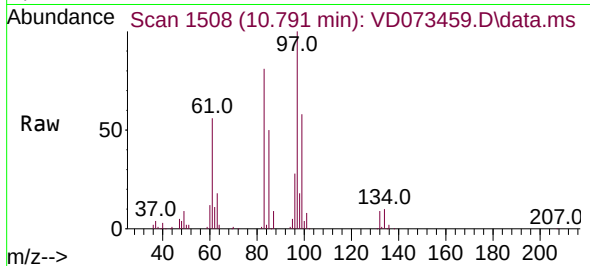




#55
1,1,2-Trichloroethane
Concen: 52.919 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

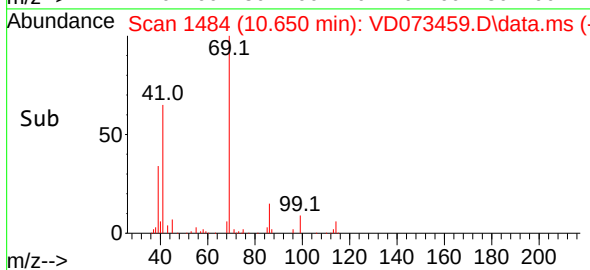
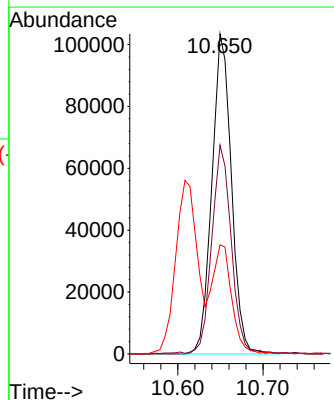
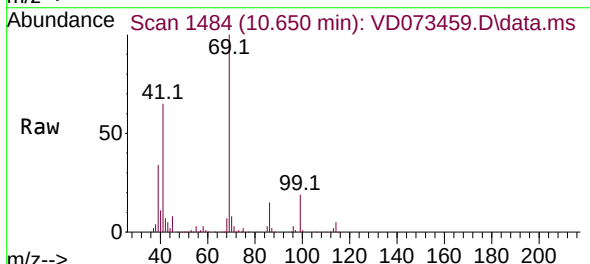
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

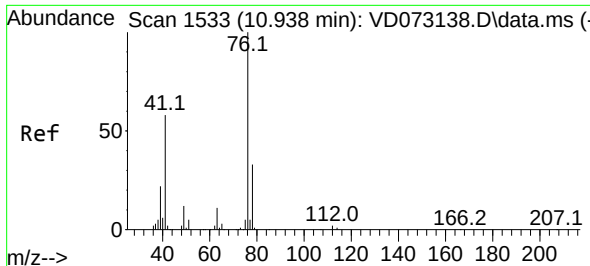
Tgt Ion:	97	Resp:	141246
Ion	Ratio	Lower	Upper
97	100		
83	81.3	69.0	103.4
85	50.1	42.6	63.8
99	58.5	51.7	77.5



#56
Ethyl methacrylate
Concen: 55.458 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.001 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion:	69	Resp:	164575
Ion	Ratio	Lower	Upper
69	100		
41	65.8	63.0	94.6
39	34.6	33.8	50.8

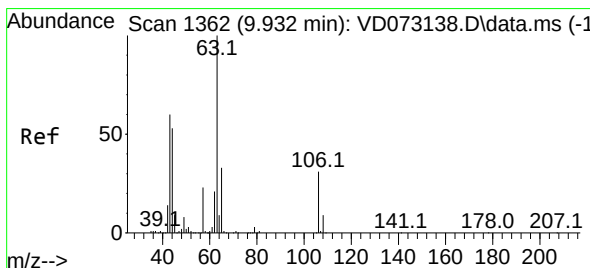
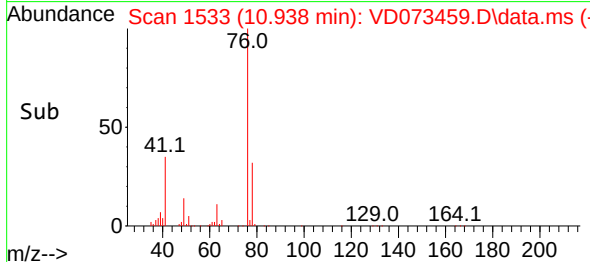
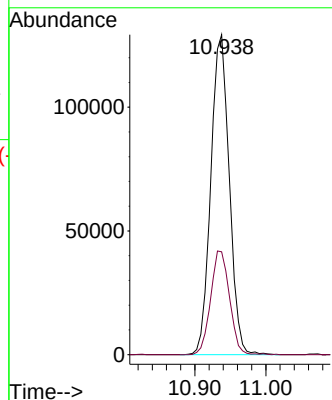
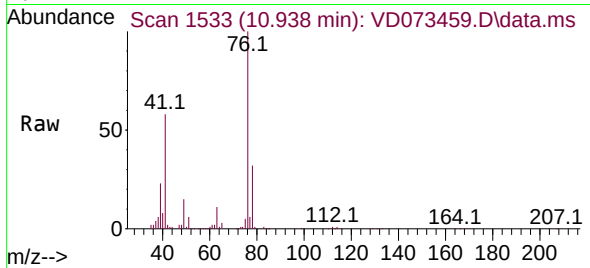




#57
1,3-Dichloropropane
Concen: 51.995 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

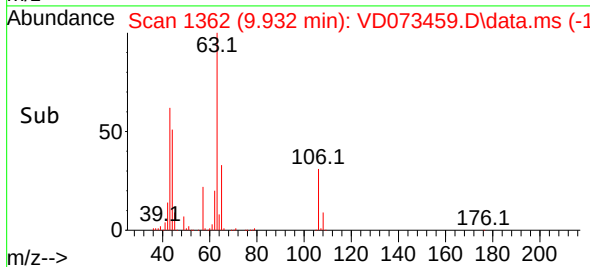
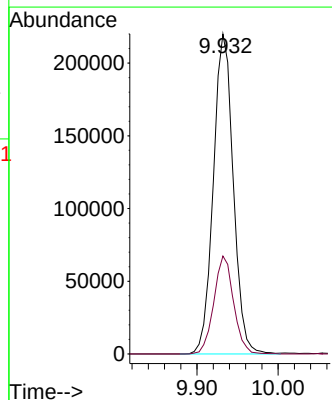
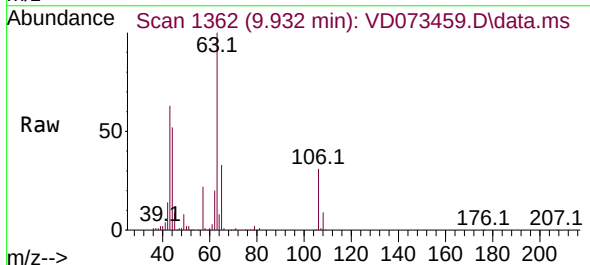
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

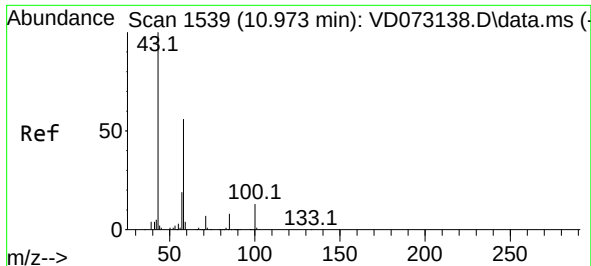
Tgt Ion: 76 Resp: 232857
Ion Ratio Lower Upper
76 100
78 33.2 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 264.947 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 63 Resp: 375548
Ion Ratio Lower Upper
63 100
106 30.3 21.4 32.0

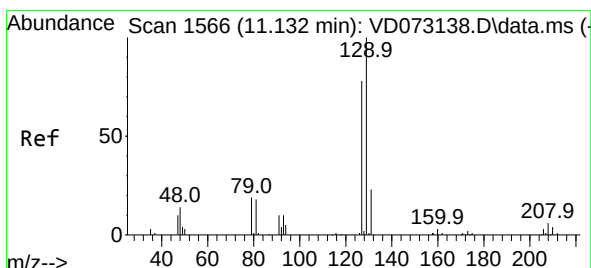
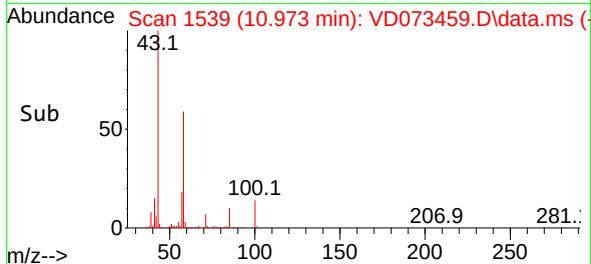
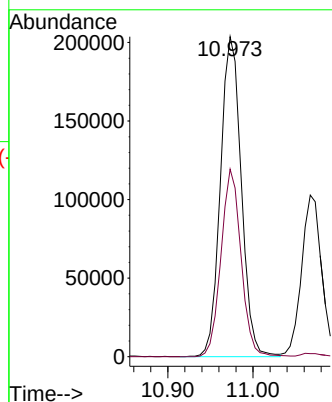
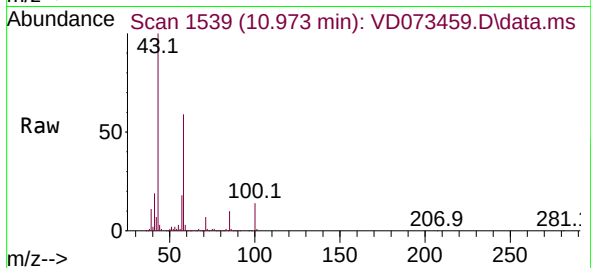




#59
2-Hexanone
Concen: 280.674 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

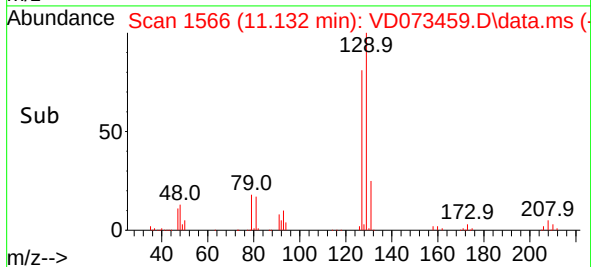
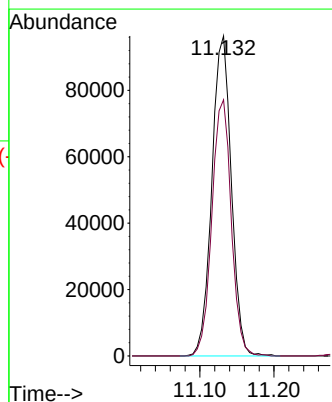
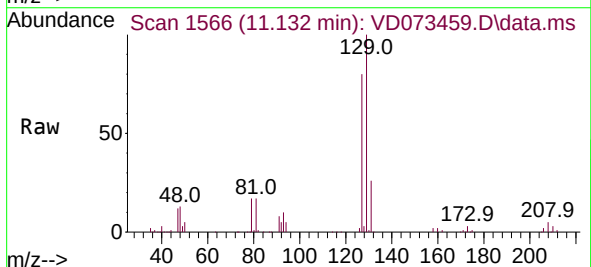
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

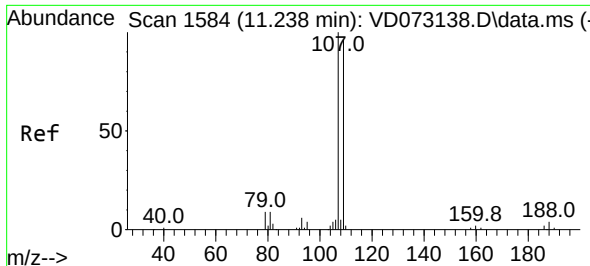
Tgt Ion: 43 Resp: 347437
Ion Ratio Lower Upper
43 100
58 56.3 25.3 75.9



#60
Dibromochloromethane
Concen: 52.814 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 129 Resp: 175772
Ion Ratio Lower Upper
129 100
127 79.5 39.2 117.6

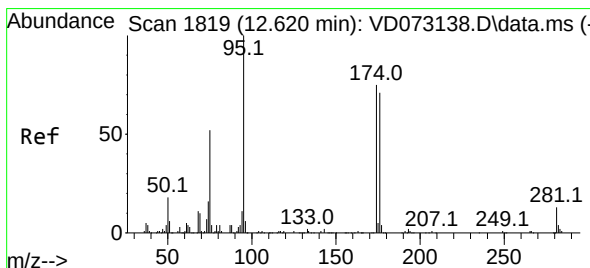
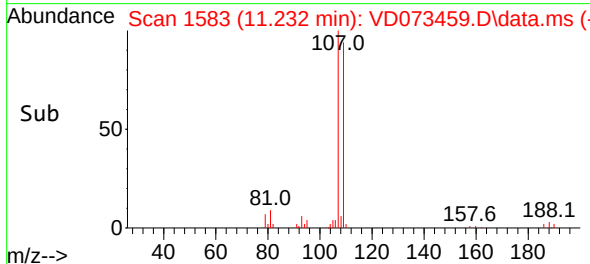
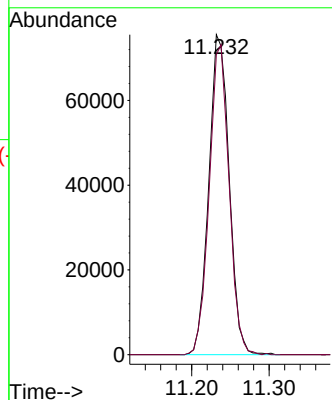
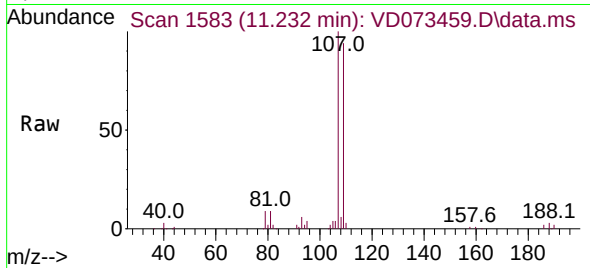




#61
1,2-Dibromoethane
Concen: 53.953 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

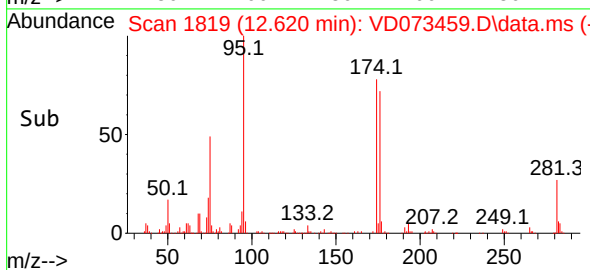
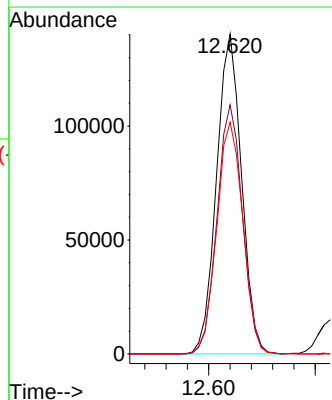
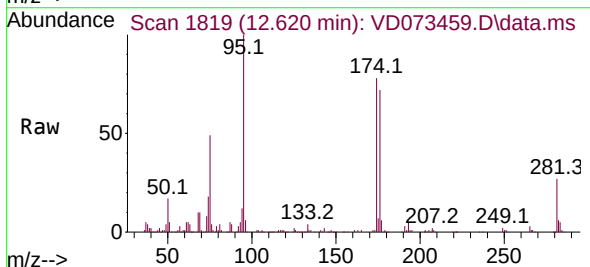
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

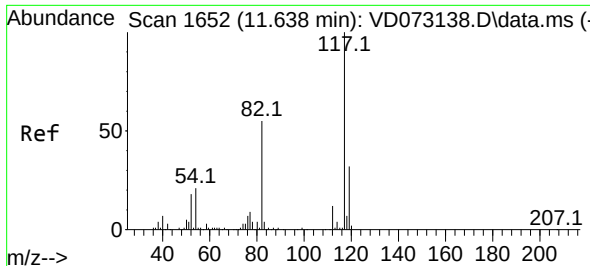
Tgt Ion:107 Resp: 137606
Ion Ratio Lower Upper
107 100
109 94.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 53.672 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 95 Resp: 228591
Ion Ratio Lower Upper
95 100
174 78.8 0.0 152.8
176 75.9 0.0 145.4

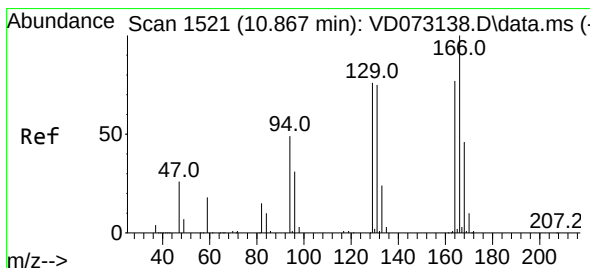
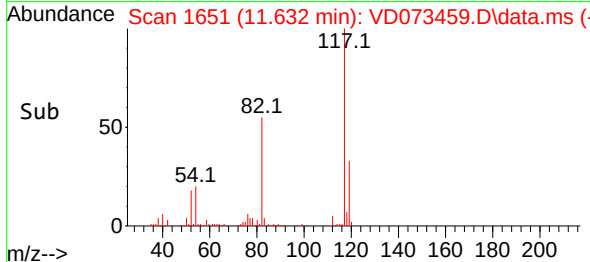
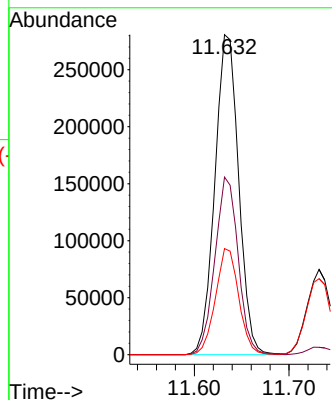
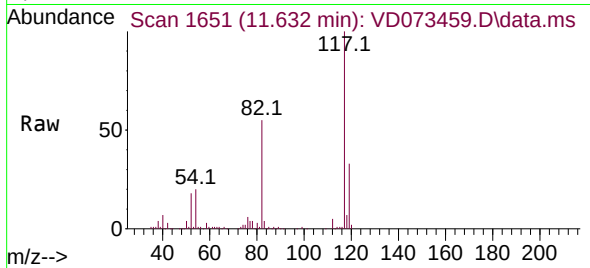




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

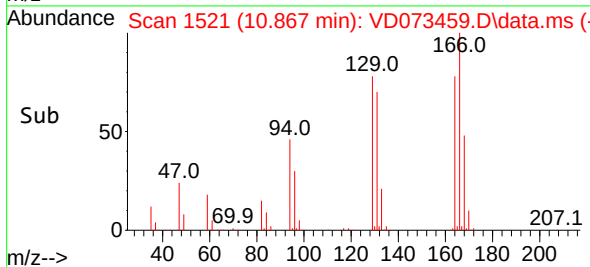
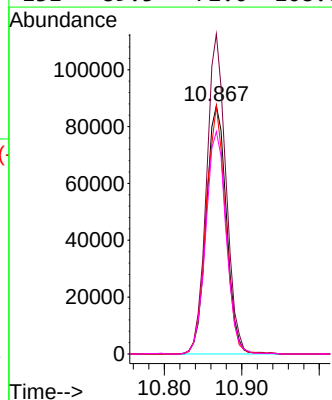
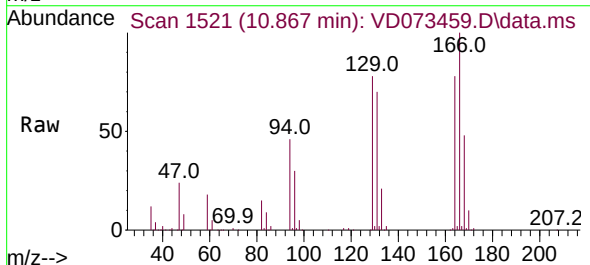
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

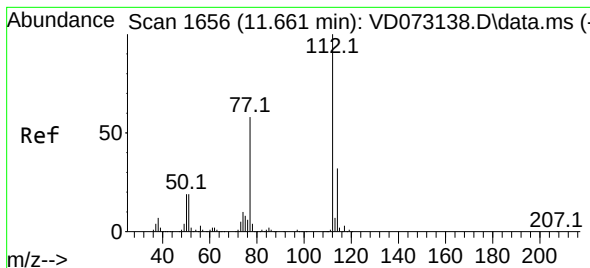
Tgt Ion:117 Resp: 490780
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 33.1 26.6 40.0



#64
Tetrachloroethene
Concen: 49.211 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion:164 Resp: 158190
Ion Ratio Lower Upper
164 100
166 128.8 98.5 147.7
129 99.9 74.6 111.8
131 89.5 72.0 108.0





#65

Chlorobenzene

Concen: 49.031 ug/l

RT: 11.661 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

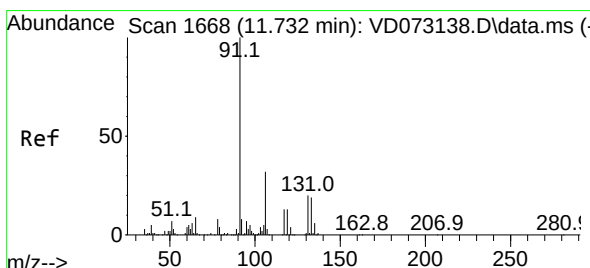
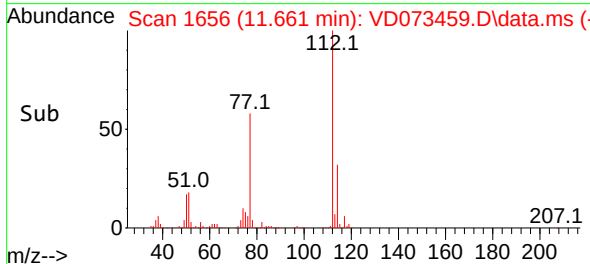
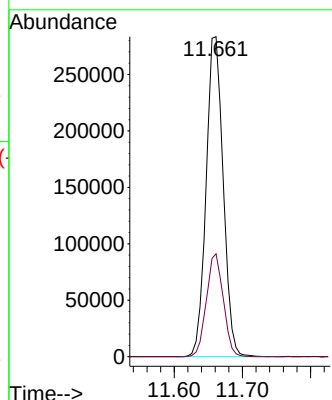
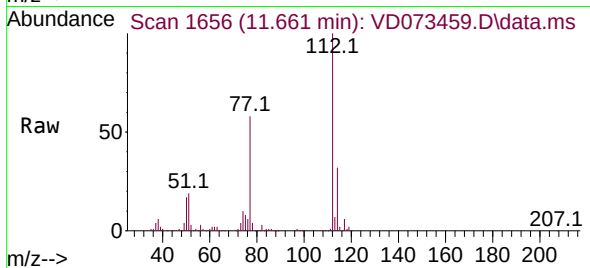
VSTDCCC050EC

Tgt Ion:112 Resp: 493657

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.592 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

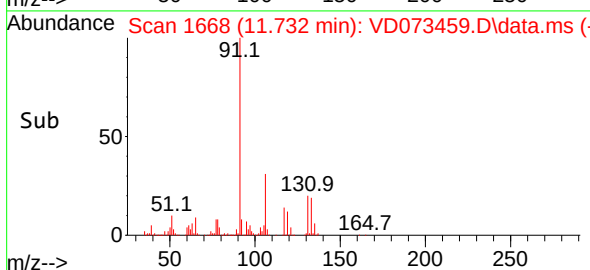
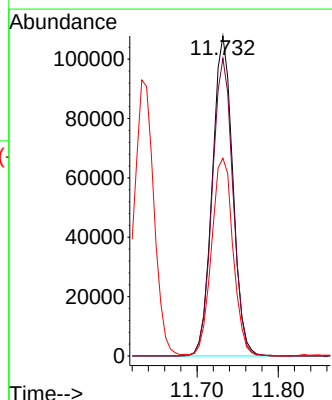
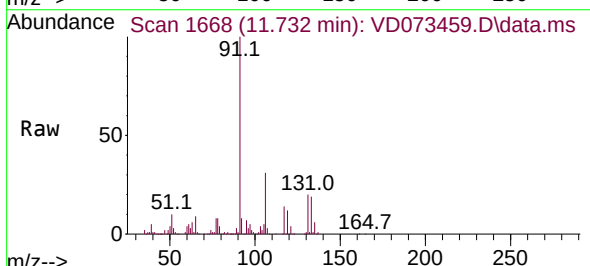
Tgt Ion:131 Resp: 188911

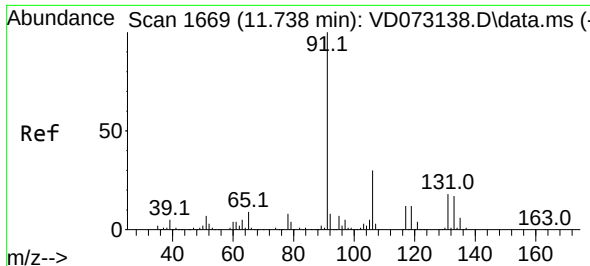
Ion Ratio Lower Upper

131 100

133 94.1 48.1 144.3

119 64.9 31.9 95.9

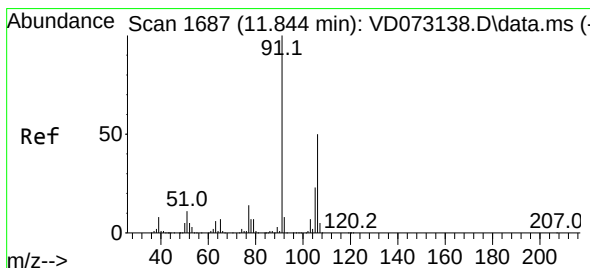
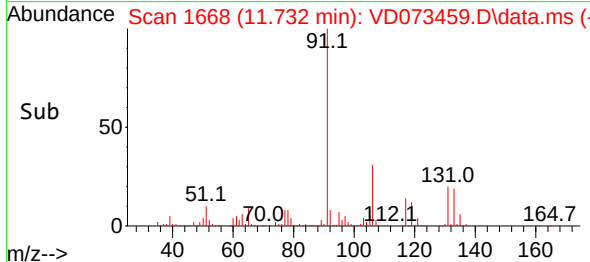
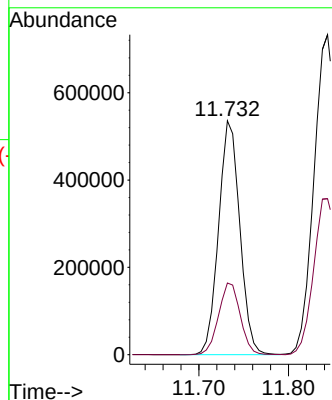
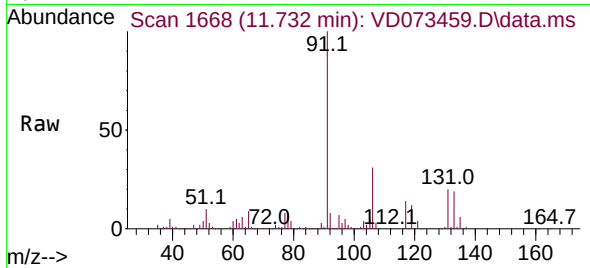




#67
Ethyl Benzene
Concen: 49.797 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

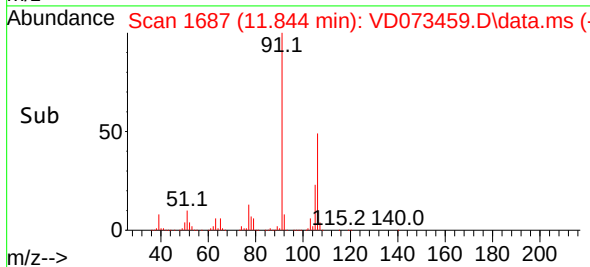
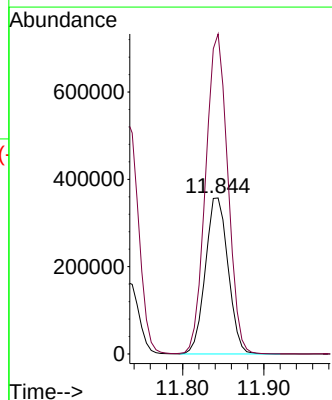
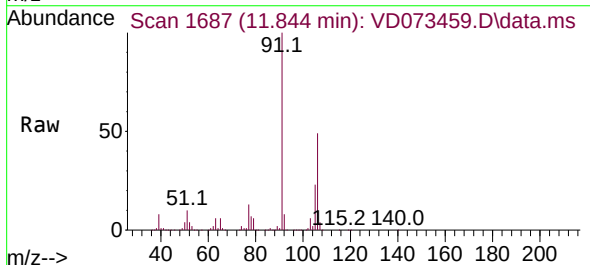
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

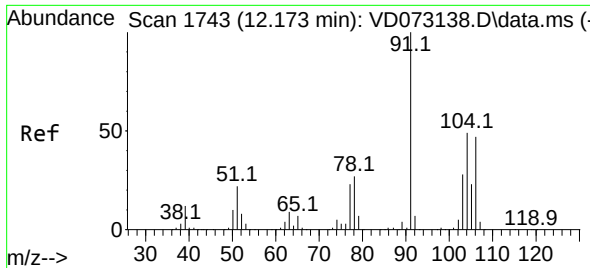
Tgt Ion: 91 Resp: 880134
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.4



#68
m/p-Xylenes
Concen: 101.174 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 106 Resp: 694740
Ion Ratio Lower Upper
106 100
91 200.2 163.7 245.5

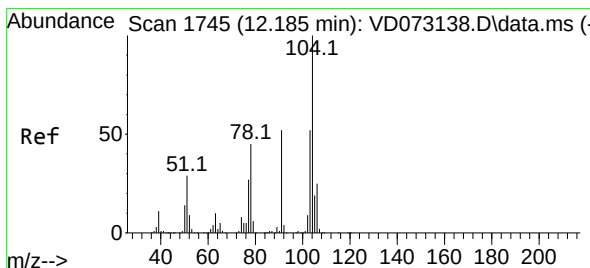
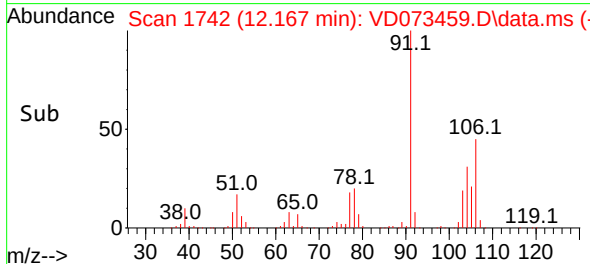
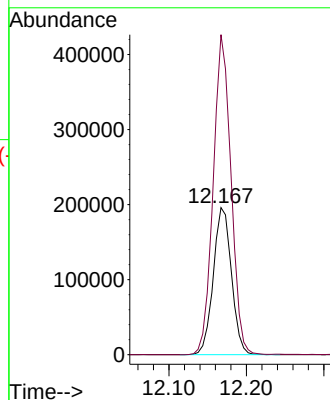
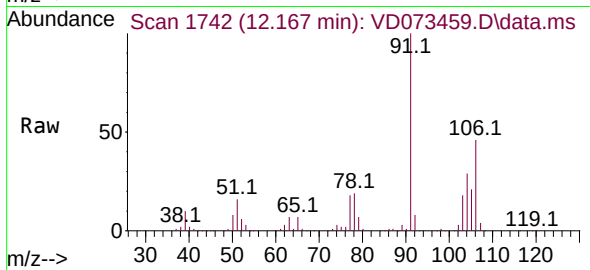




#69
o-Xylene
Concen: 50.602 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

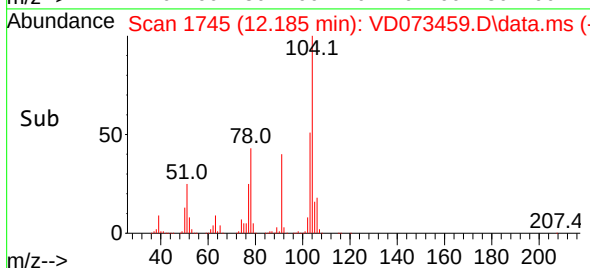
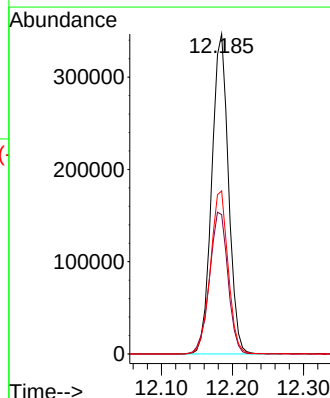
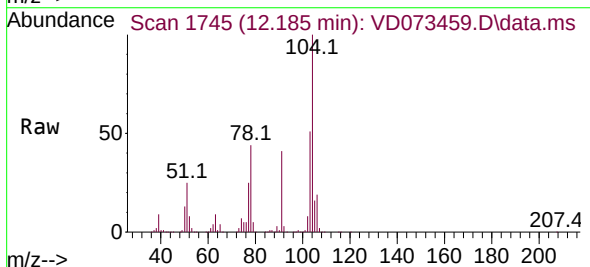
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

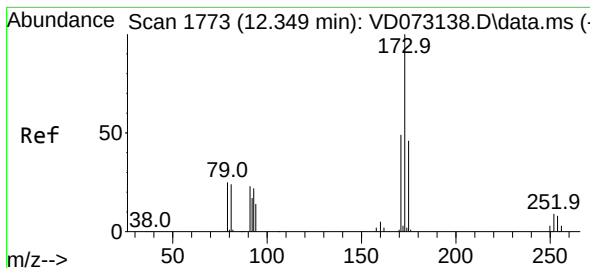
Tgt Ion:106 Resp: 319209
Ion Ratio Lower Upper
106 100
91 213.5 110.4 331.2



#70
Styrene
Concen: 52.270 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion:104 Resp: 567292
Ion Ratio Lower Upper
104 100
78 48.7 41.8 62.8
103 54.0 44.2 66.4





#71

Bromoform

Concen: 53.877 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

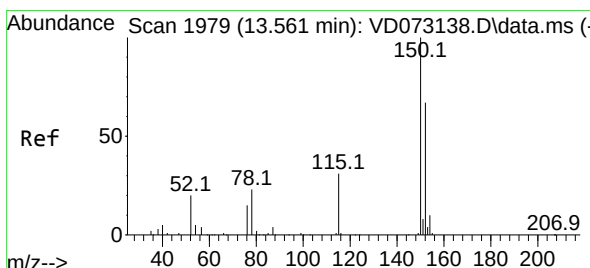
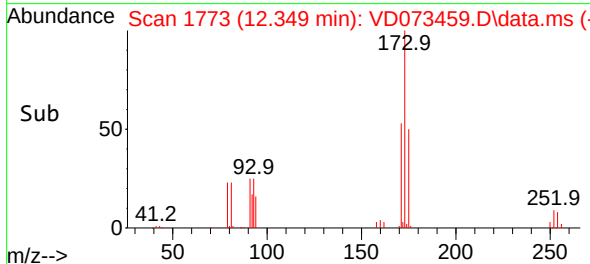
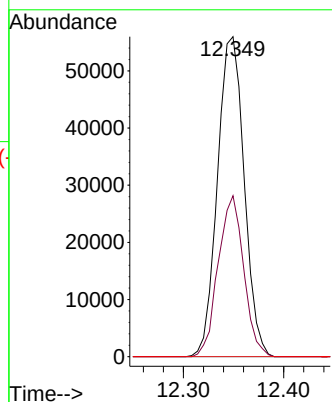
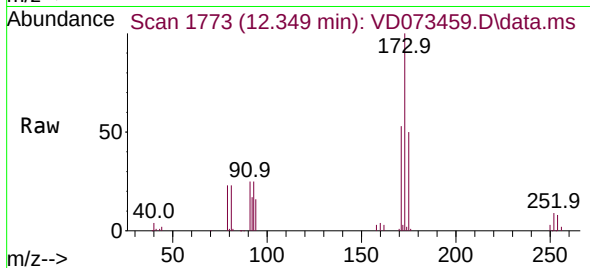
Tgt Ion:173 Resp: 103539

Ion Ratio Lower Upper

173 100

175 48.1 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

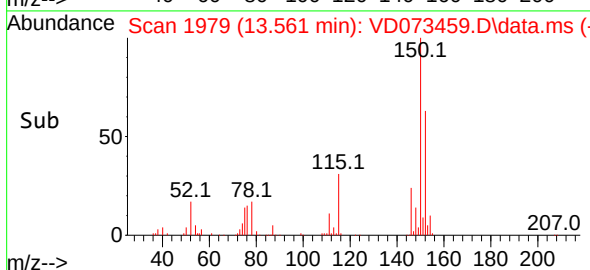
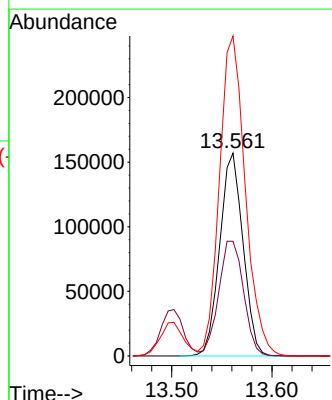
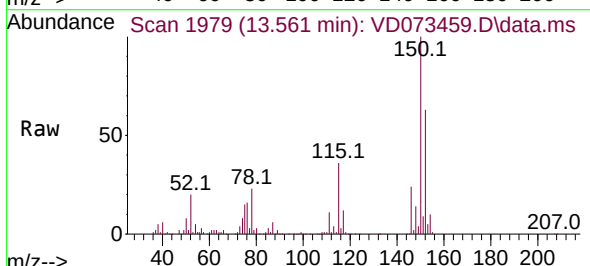
Tgt Ion:152 Resp: 253139

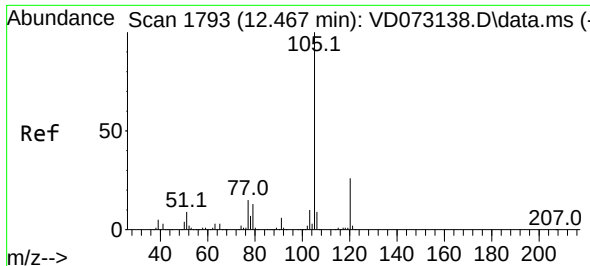
Ion Ratio Lower Upper

152 100

115 60.7 31.3 93.8

150 174.8 0.0 348.6

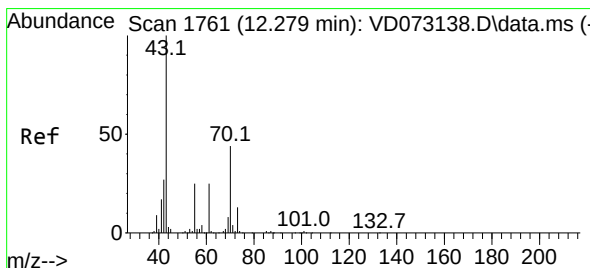
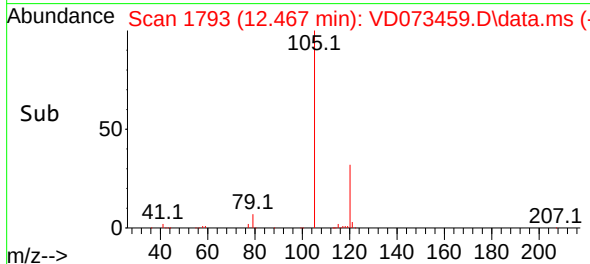
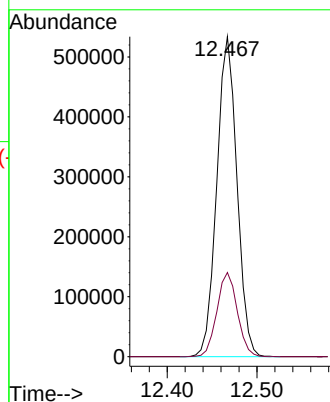
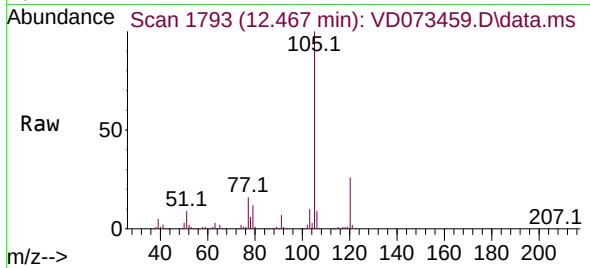




#73
Isopropylbenzene
Concen: 46.100 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

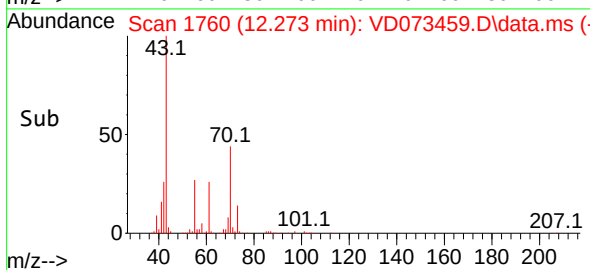
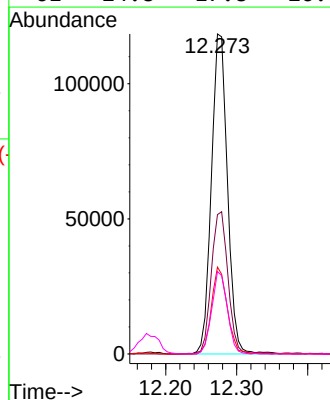
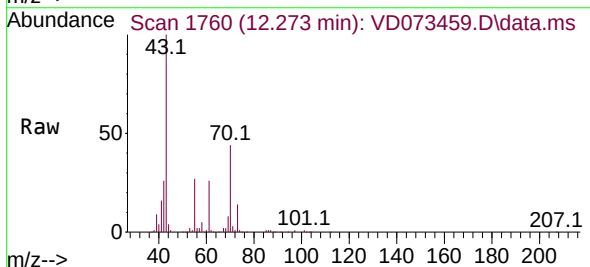
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

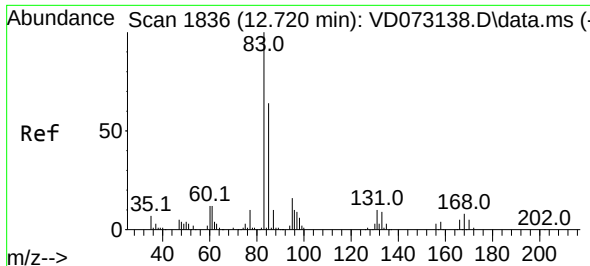
Tgt Ion:105 Resp: 831933
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9



#74
N-ethyl acetate
Concen: 47.299 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 43 Resp: 186207
Ion Ratio Lower Upper
43 100
70 45.8 31.3 46.9
55 26.9 20.0 30.0
61 24.8 17.8 26.8

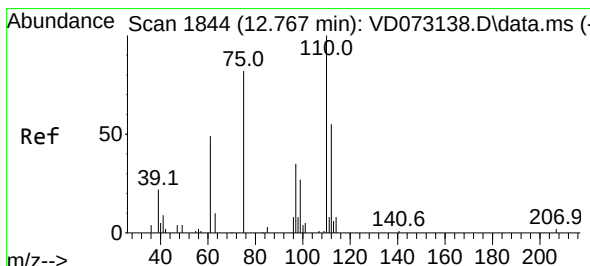
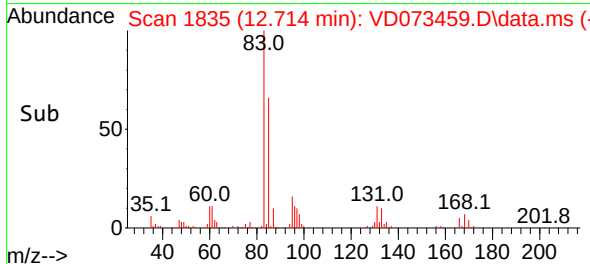
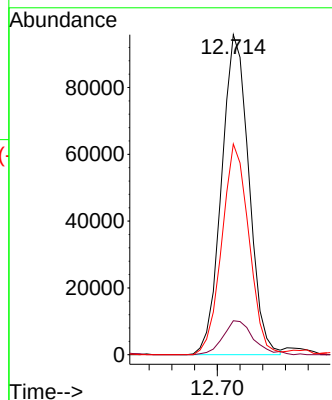
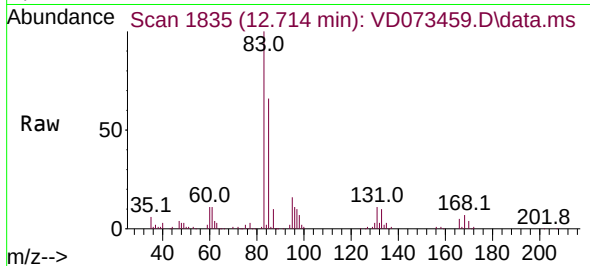




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.026 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD073459.D
 Acq: 01 Jun 2022 20:39

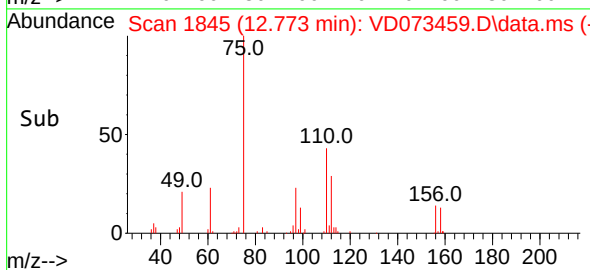
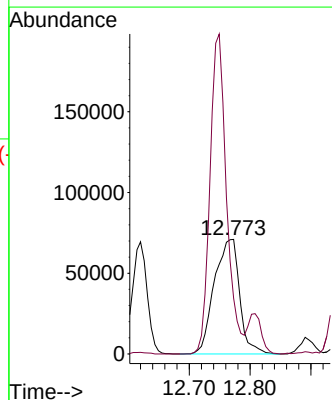
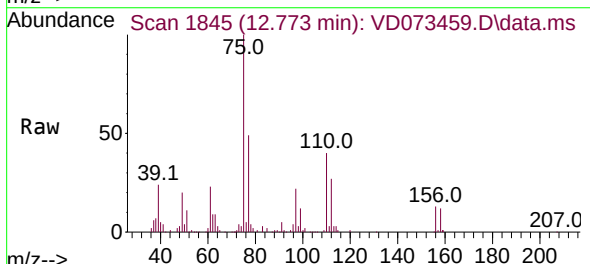
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

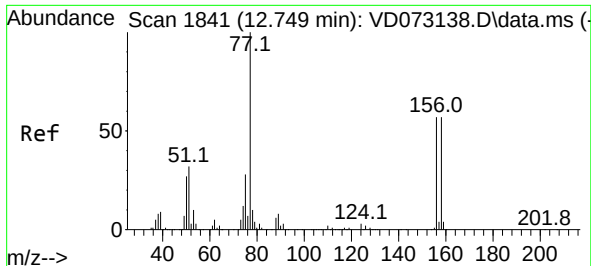
Tgt Ion: 83 Resp: 159844
 Ion Ratio Lower Upper
 83 100
 131 11.8 5.0 14.9
 85 65.4 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 82.510 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VD073459.D
 Acq: 01 Jun 2022 20:39

Tgt Ion: 75 Resp: 204932
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

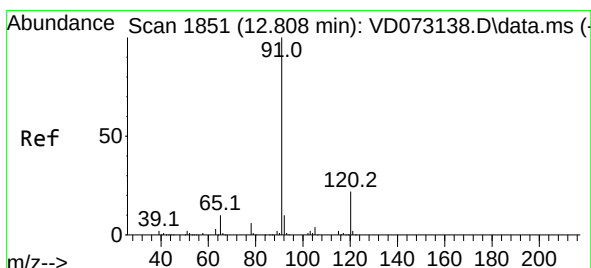
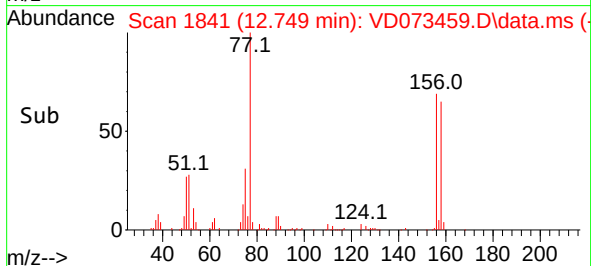
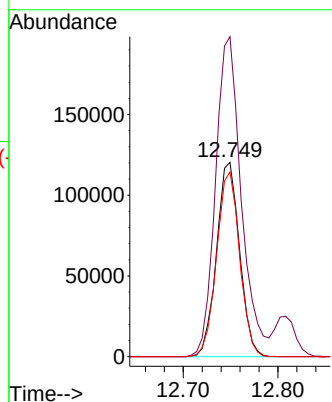
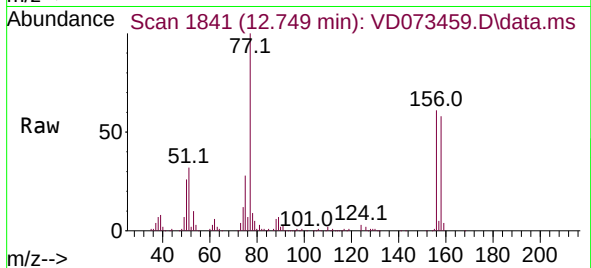




#77
Bromobenzene
Concen: 47.931 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

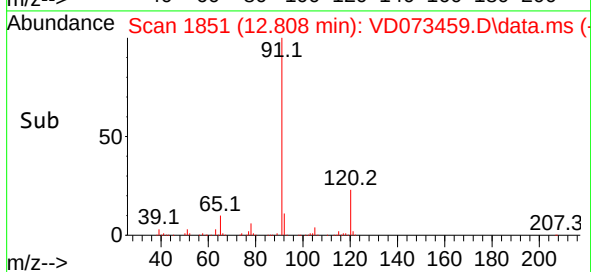
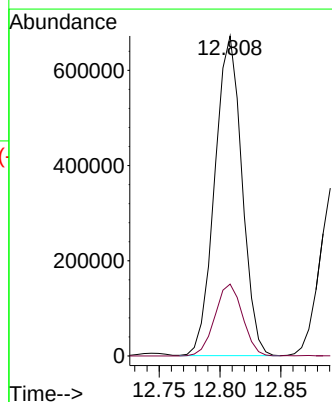
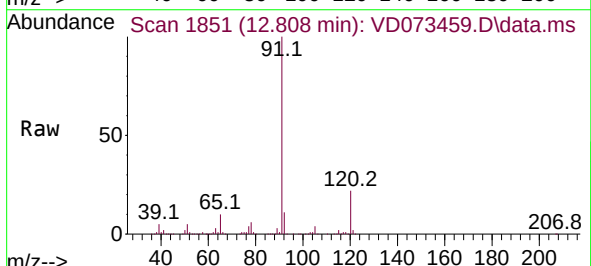
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

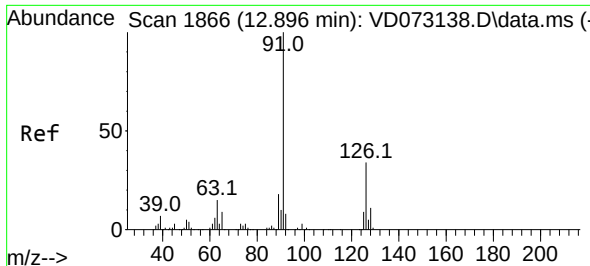
Tgt Ion:156 Resp: 203615
Ion Ratio Lower Upper
156 100
77 184.6 102.8 308.3
158 94.9 48.7 146.1



#78
n-propylbenzene
Concen: 46.097 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 91 Resp: 1044358
Ion Ratio Lower Upper
91 100
120 22.8 10.9 32.9

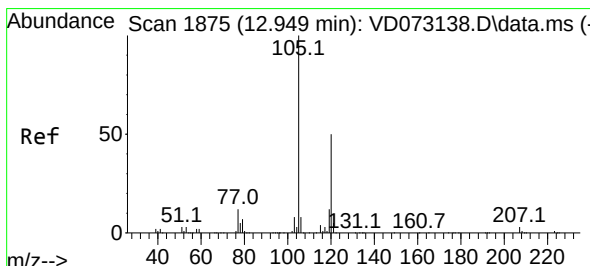
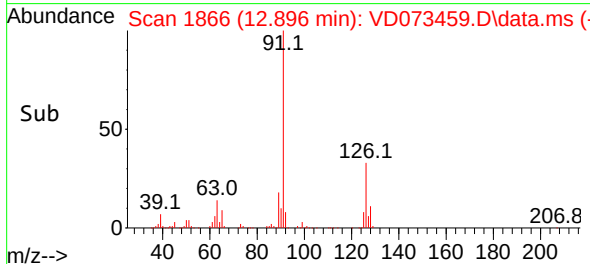
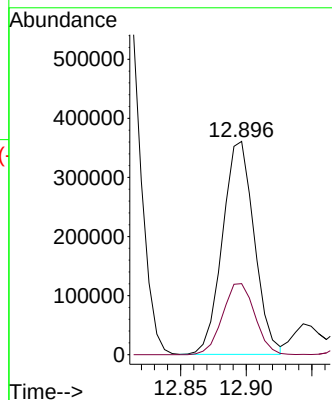
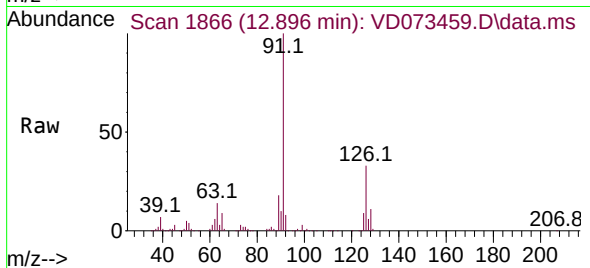




#79
2-Chlorotoluene
Concen: 46.458 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

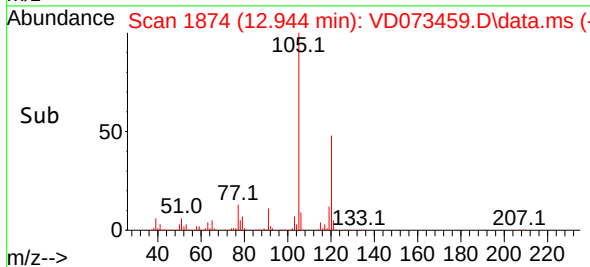
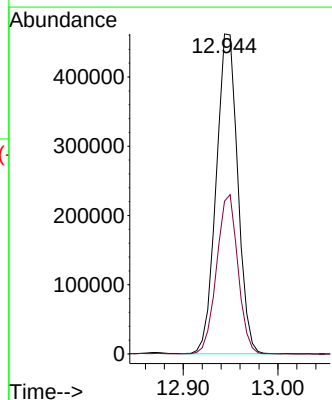
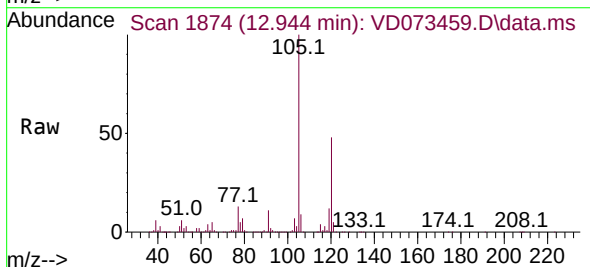
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

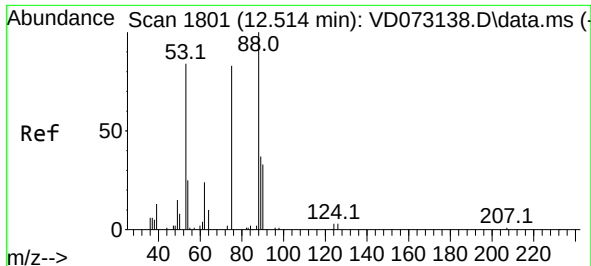
Tgt Ion: 91 Resp: 607719
Ion Ratio Lower Upper
91 100
126 33.9 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 47.739 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. -0.005 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 105 Resp: 729780
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.8

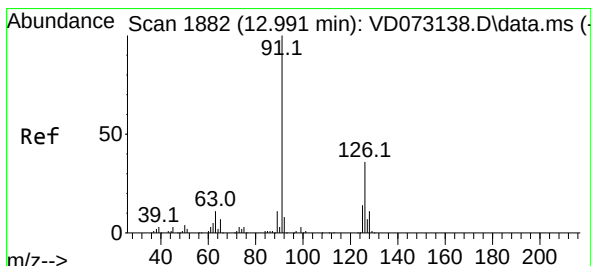
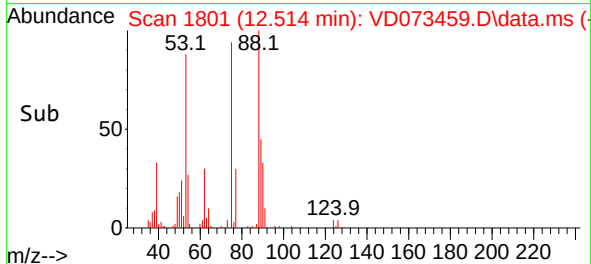
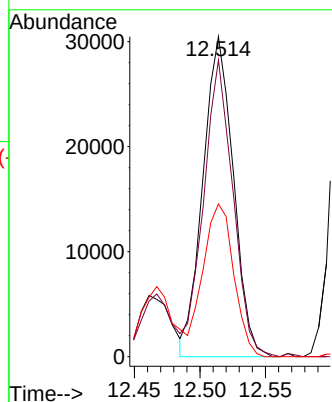
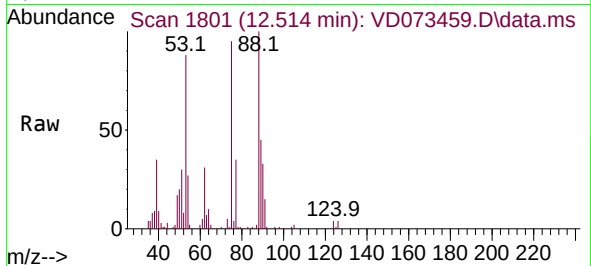




#81
trans-1,4-Dichloro-2-butene
Concen: 47.564 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

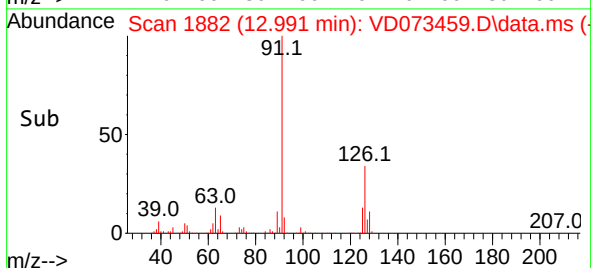
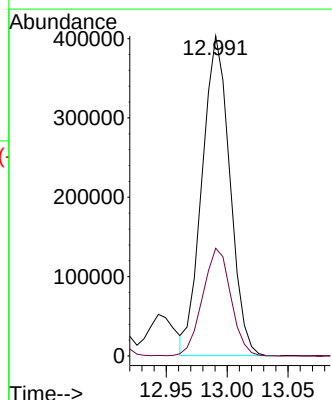
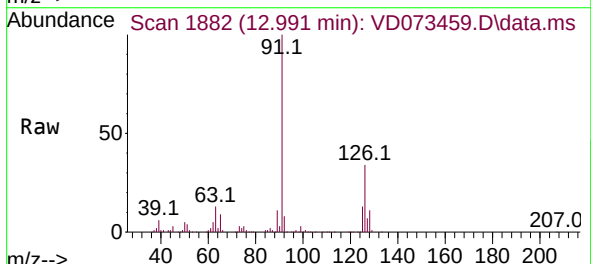
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

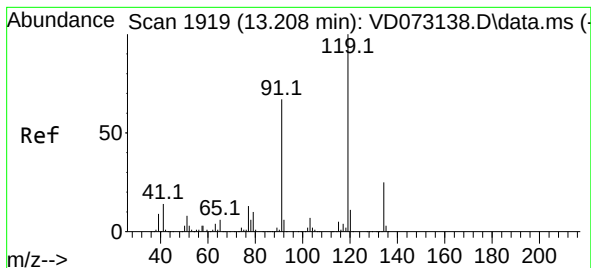
Tgt Ion: 75 Resp: 49209
Ion Ratio Lower Upper
75 100
53 89.5 86.5 129.7
89 47.8 33.9 50.9



#82
4-Chlorotoluene
Concen: 46.516 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 91 Resp: 637781
Ion Ratio Lower Upper
91 100
126 34.3 16.5 49.5





#83

tert-Butylbenzene

Concen: 46.437 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

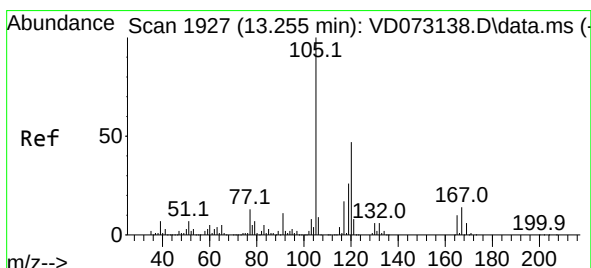
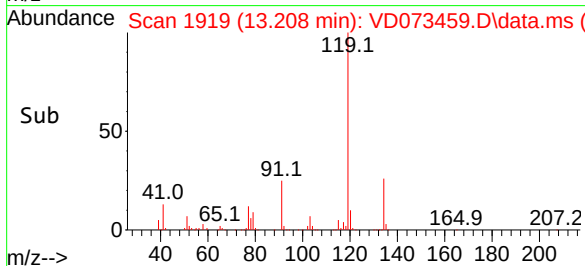
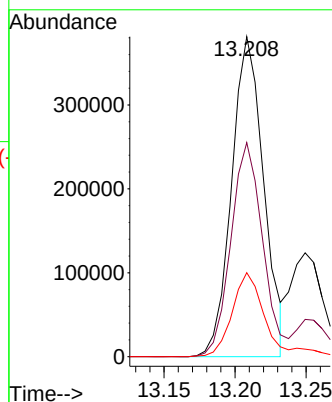
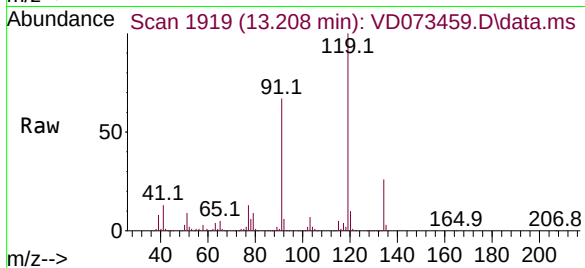
Tgt Ion:119 Resp: 598281

Ion Ratio Lower Upper

119 100

91 66.7 34.8 104.5

134 27.4 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 48.700 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073459.D

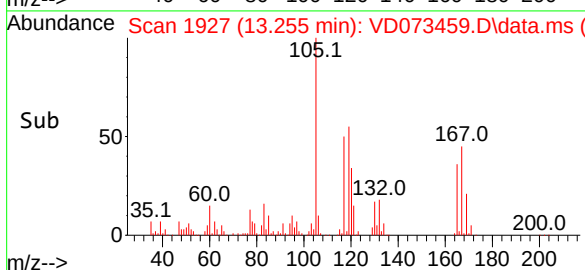
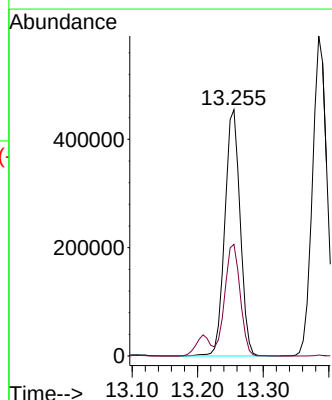
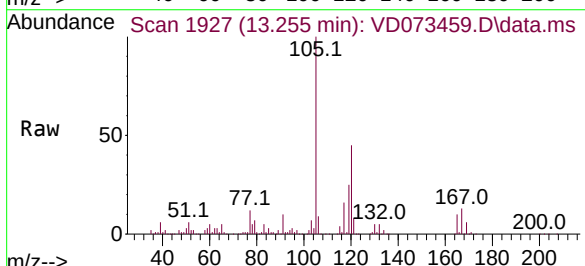
Acq: 01 Jun 2022 20:39

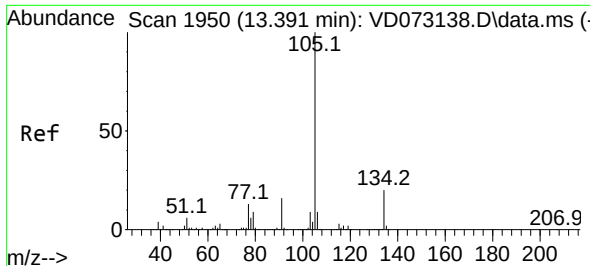
Tgt Ion:105 Resp: 735465

Ion Ratio Lower Upper

105 100

120 45.2 22.3 66.8

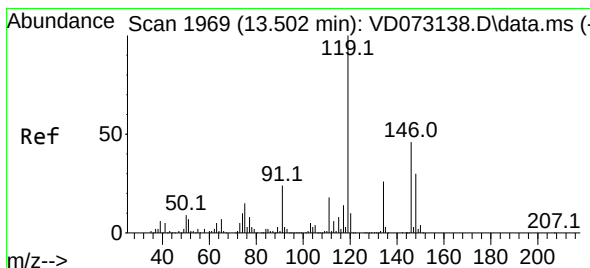
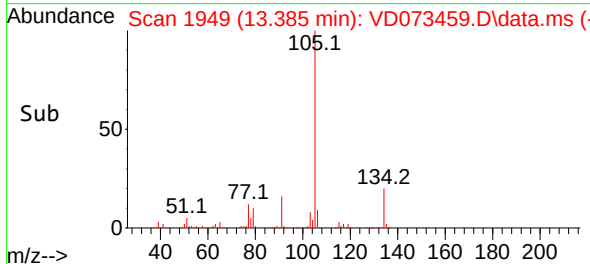
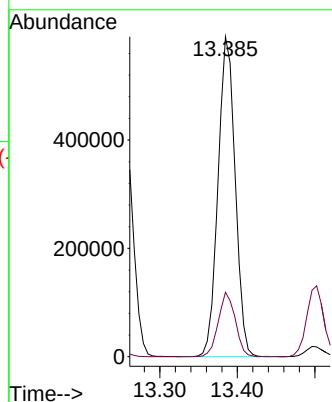
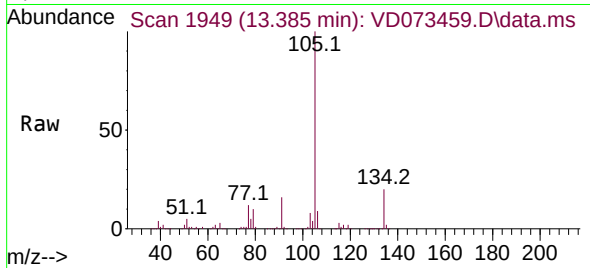




#85
 sec-Butylbenzene
 Concen: 46.217 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: VD073459.D
 Acq: 01 Jun 2022 20:39

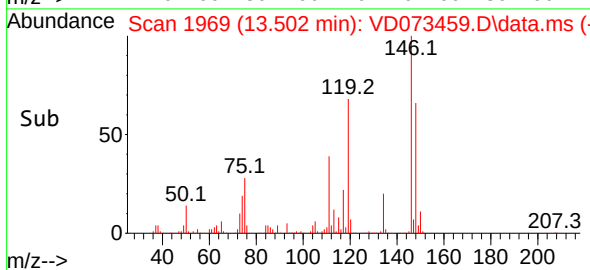
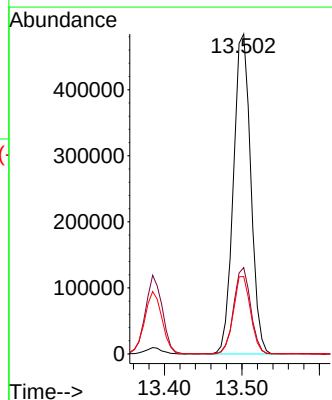
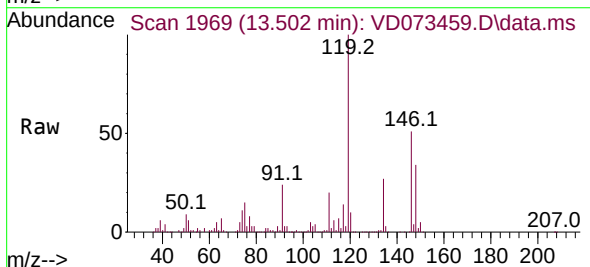
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

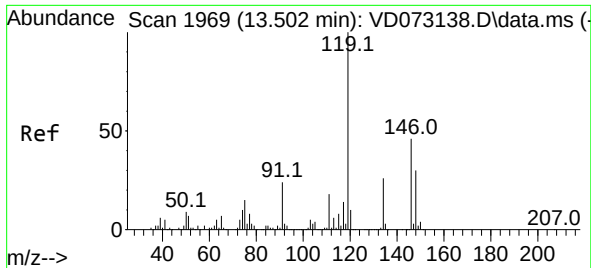
Tgt Ion:105 Resp: 909203
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 47.034 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073459.D
 Acq: 01 Jun 2022 20:39

Tgt Ion:119 Resp: 754248
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 23.9 12.1 36.3

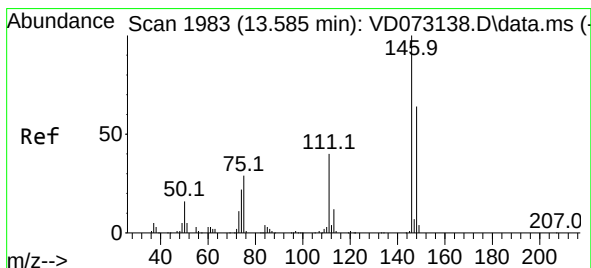
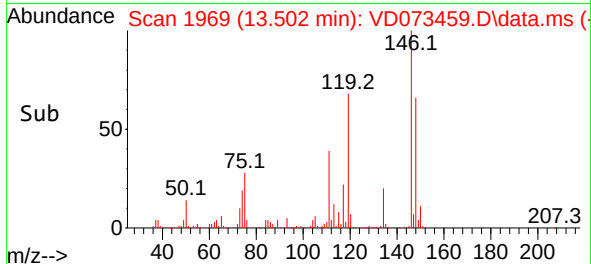
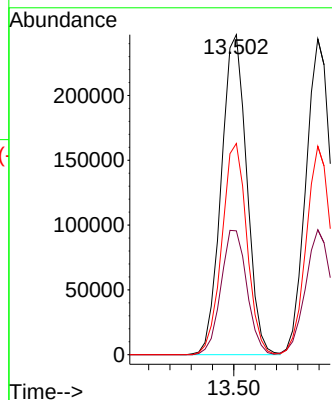
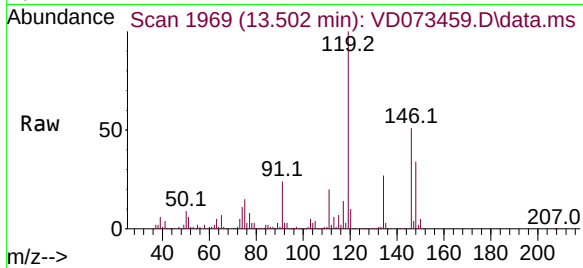




#87
1,3-Dichlorobenzene
Concen: 47.867 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

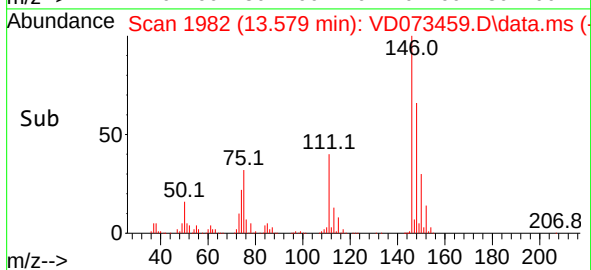
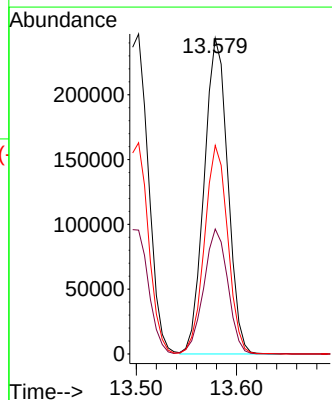
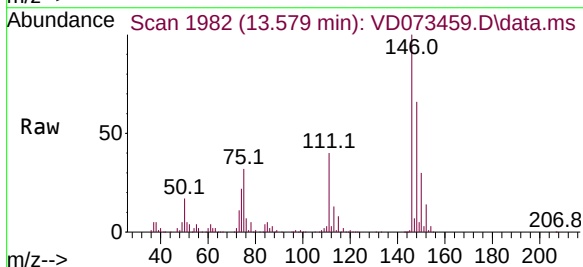
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

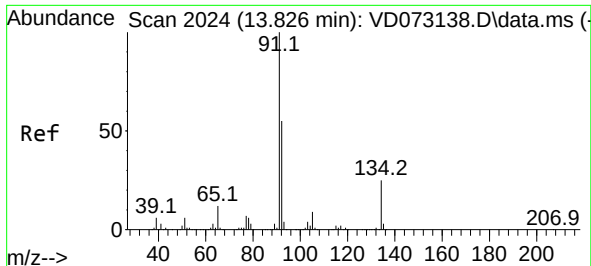
Tgt Ion:146 Resp: 409868
Ion Ratio Lower Upper
146 100
111 39.4 20.4 61.3
148 64.7 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 46.196 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion:146 Resp: 399297
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.9
148 64.9 31.7 95.1

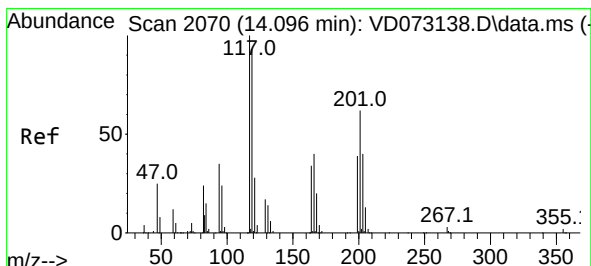
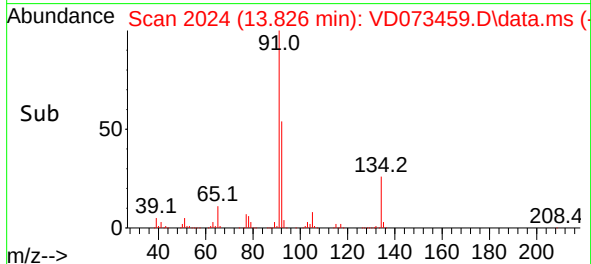
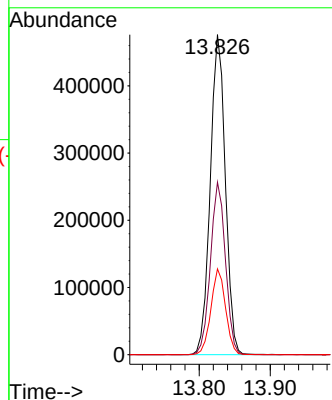
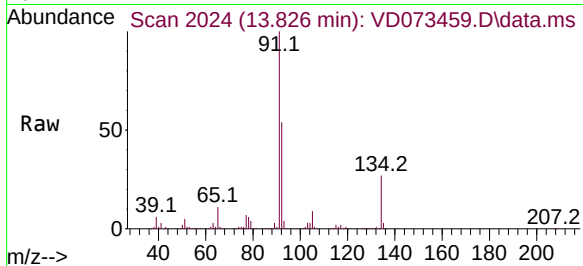




#89
n-Butylbenzene
Concen: 46.002 ug/l
RT: 13.826 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

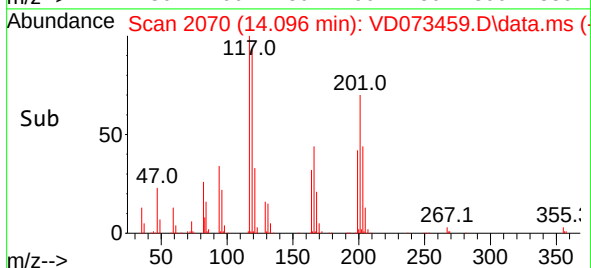
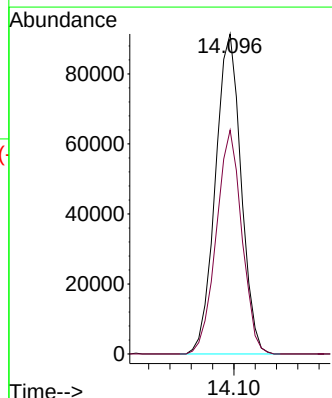
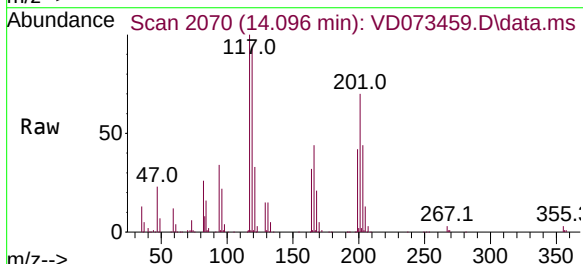
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

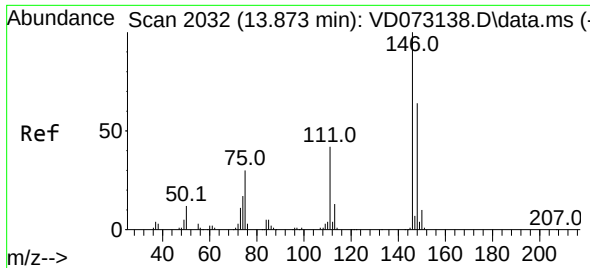
Tgt Ion: 91 Resp: 702882
Ion Ratio Lower Upper
91 100
92 53.6 26.6 79.8
134 26.0 12.3 36.9



#90
Hexachloroethane
Concen: 46.037 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 117 Resp: 152758
Ion Ratio Lower Upper
117 100
201 69.6 33.4 100.2

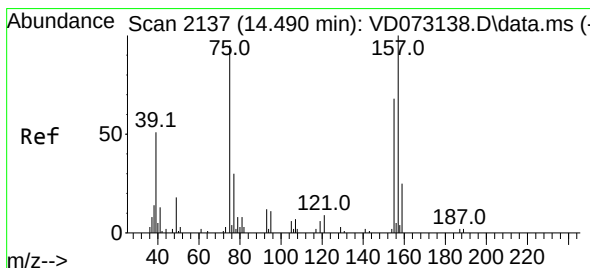
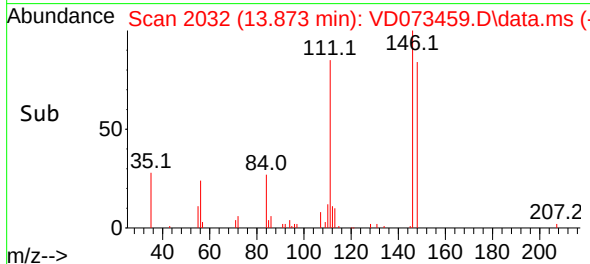
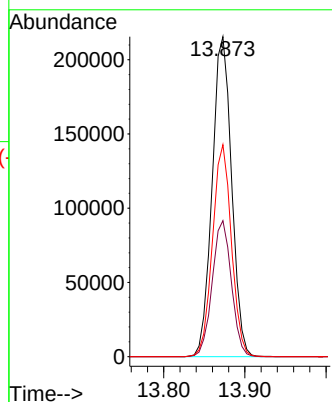
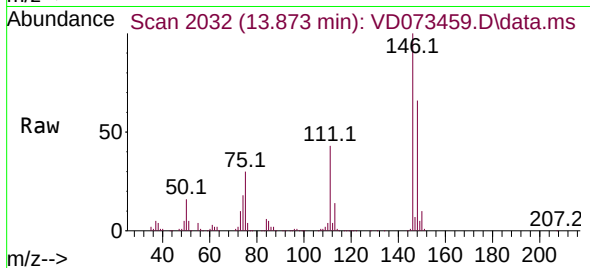




#91
1,2-Dichlorobenzene
Concen: 48.398 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

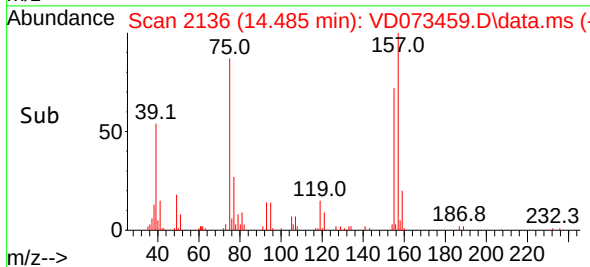
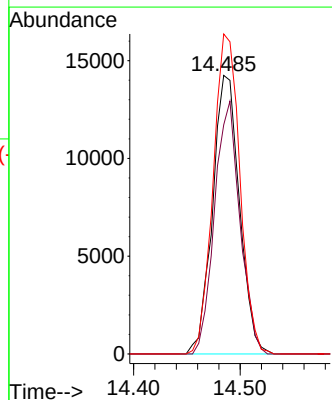
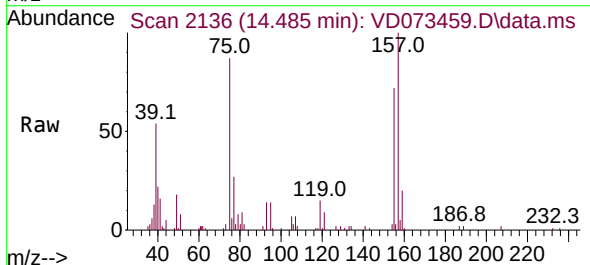
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

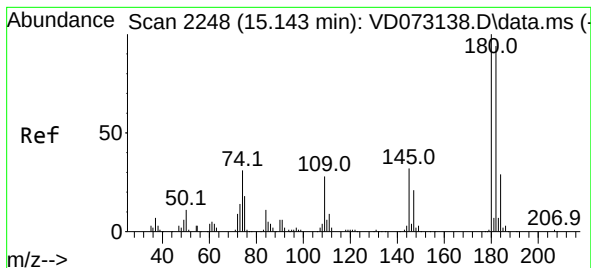
Tgt Ion:146 Resp: 358563
Ion Ratio Lower Upper
146 100
111 41.9 21.1 63.3
148 64.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.991 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.005 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion: 75 Resp: 24970
Ion Ratio Lower Upper
75 100
155 85.7 36.8 110.3
157 114.1 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 49.349 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

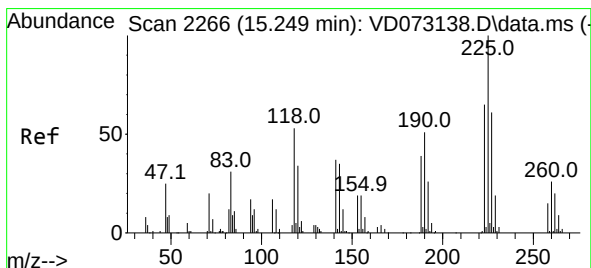
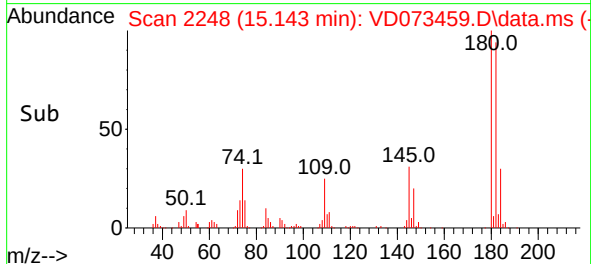
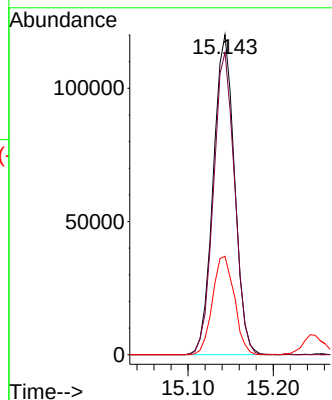
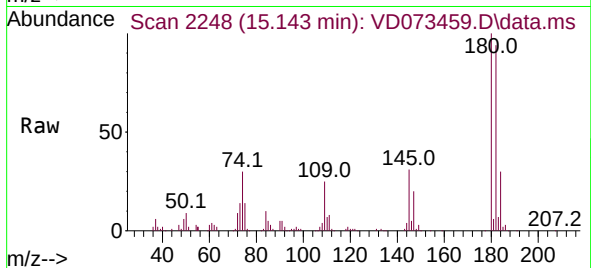
Tgt Ion:180 Resp: 207568

Ion Ratio Lower Upper

180 100

182 94.2 47.3 142.0

145 31.7 16.2 48.5



#94

Hexachlorobutadiene

Concen: 46.447 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073459.D

Acq: 01 Jun 2022 20:39

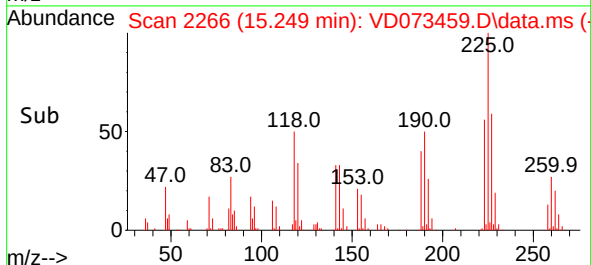
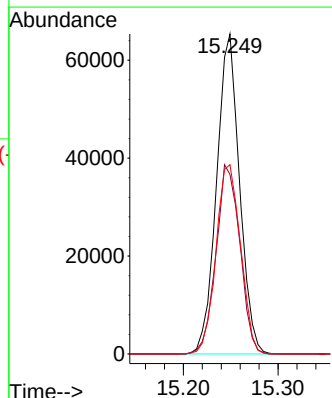
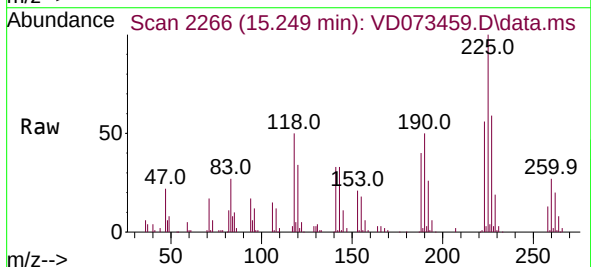
Tgt Ion:225 Resp: 110087

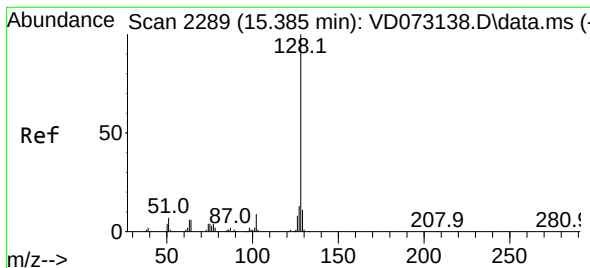
Ion Ratio Lower Upper

225 100

223 61.4 31.1 93.2

227 63.2 32.4 97.0

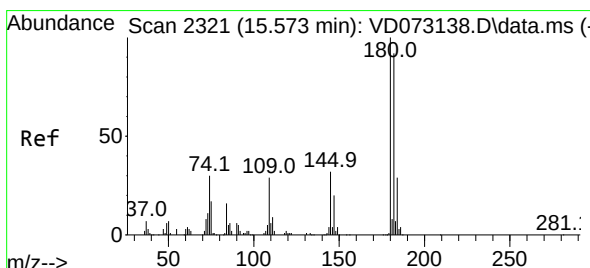
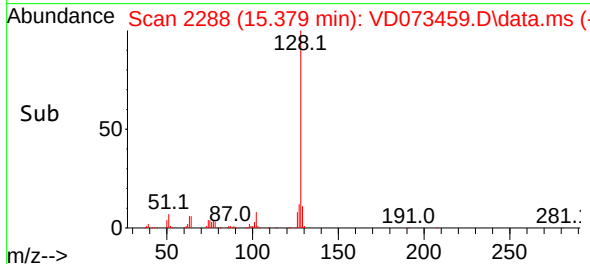
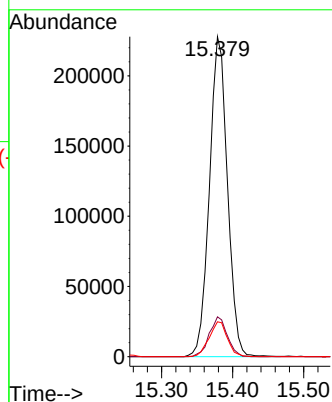
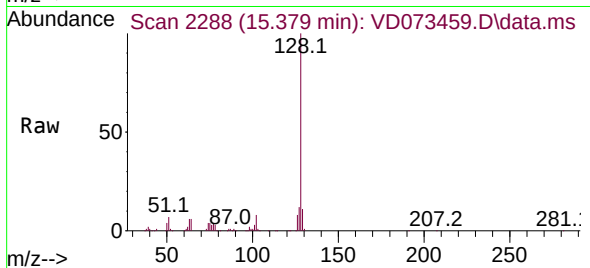




#95
Naphthalene
Concen: 48.532 ug/l
RT: 15.379 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 401102
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.1 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 49.828 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073459.D
Acq: 01 Jun 2022 20:39

Tgt Ion:180 Resp: 185798
Ion Ratio Lower Upper
180 100
182 94.8 47.6 142.9
145 34.4 17.1 51.3

