

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
 Data File : VD072637.D
 Acq On : 19 Apr 2022 21:04
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 20 05:05:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	357136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	603059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	569411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	289753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	217348	50.309	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.620%	
35) Dibromofluoromethane	7.908	113	230527	49.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.380%	
50) Toluene-d8	10.332	98	783851	48.116	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.240%	
62) 4-Bromofluorobenzene	12.620	95	315384	49.570	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	139083	49.070	ug/l	99
3) Chloromethane	2.209	50	150131	57.267	ug/l	100
4) Vinyl Chloride	2.344	62	153320	50.865	ug/l	98
5) Bromomethane	2.762	94	114375	56.616	ug/l	92
6) Chloroethane	2.920	64	112434	58.229	ug/l	99
7) Trichlorofluoromethane	3.267	101	341000	55.428	ug/l	95
8) Diethyl Ether	3.709	74	112503	61.536	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.097	101	221731	54.042	ug/l	97
10) Methyl Iodide	4.297	142	174919	46.055	ug/l	99
11) Tert butyl alcohol	5.220	59	105202	461.112	ug/l #	94
12) 1,1-Dichloroethene	4.062	96	185959	57.972	ug/l	87
13) Acrolein	3.920	56	8326	82.237	ug/l	98
14) Allyl chloride	4.714	41	309084	54.763	ug/l #	91
15) Acrylonitrile	5.420	53	279068	305.221	ug/l	98
16) Acetone	4.156	43	209404	259.940	ug/l	94
17) Carbon Disulfide	4.409	76	365614	52.438	ug/l	99
18) Methyl Acetate	4.714	43	130821	57.643	ug/l #	91
19) Methyl tert-butyl Ether	5.479	73	575006	61.415	ug/l	98
20) Methylene Chloride	4.961	84	299095	62.365	ug/l	85
21) trans-1,2-Dichloroethene	5.467	96	222696	56.775	ug/l	90
22) Diisopropyl ether	6.361	45	768952	59.665	ug/l #	91
23) Vinyl Acetate	6.303	43	2023337	290.837	ug/l #	92
24) 1,1-Dichloroethane	6.256	63	466020	60.007	ug/l	99
25) 2-Butanone	7.208	43	330651	296.775	ug/l #	88
26) 2,2-Dichloropropane	7.203	77	381580	55.318	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	292961	60.152	ug/l	90
28) Bromochloromethane	7.544	49	188997	56.797	ug/l #	79
29) Tetrahydrofuran	7.561	42	212279	315.582	ug/l #	88
30) Chloroform	7.702	83	516488	59.122	ug/l	97
31) Cyclohexane	7.979	56	314311	55.640	ug/l	91
32) 1,1,1-Trichloroethane	7.897	97	432918	58.427	ug/l	96
36) 1,1-Dichloropropene	8.108	75	319754	53.313	ug/l	95
37) Ethyl Acetate	7.285	43	151249	60.907	ug/l #	94
38) Carbon Tetrachloride	8.091	117	364274	56.419	ug/l	99
39) Methylcyclohexane	9.349	83	362169	51.814	ug/l	98
40) Benzene	8.344	78	981228	59.950	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	91265	62.458	ug/l #	88
42) 1,2-Dichloroethane	8.420	62	293538	58.675	ug/l	95
43) Isopropyl Acetate	8.450	43	297678	62.492	ug/l #	91
44) Trichloroethene	9.108	130	265509	57.139	ug/l	96
45) 1,2-Dichloropropane	9.379	63	269115	59.106	ug/l	94
46) Dibromomethane	9.467	93	147084	61.573	ug/l	98
47) Bromodichloromethane	9.655	83	399916	58.274	ug/l	99
48) Methyl methacrylate	9.449	41	146344	63.280	ug/l #	87
49) 1,4-Dioxane	9.461	88	35317	1242.880	ug/l #	93
51) 4-Methyl-2-Pentanone	10.220	43	810093	316.944	ug/l	92
52) Toluene	10.396	92	651234	59.892	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	358442	59.938	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	416095	58.850	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	220546	60.900	ug/l	99
56) Ethyl methacrylate	10.655	69	261911	58.609	ug/l	86
57) 1,3-Dichloropropane	10.938	76	354892	59.278	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	495164	276.951	ug/l	93
59) 2-Hexanone	10.979	43	540518	310.983	ug/l	92
60) Dibromochloromethane	11.132	129	276820	59.258	ug/l	98
61) 1,2-Dibromoethane	11.238	107	199753	62.125	ug/l	98
64) Tetrachloroethene	10.867	164	208935	56.161	ug/l	94
65) Chlorobenzene	11.661	112	727998	57.185	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	292736	57.515	ug/l	99
67) Ethyl Benzene	11.738	91	1283562	57.783	ug/l	96
68) m/p-Xylenes	11.843	106	992855	117.813	ug/l	99
69) o-Xylene	12.173	106	481115	59.170	ug/l	96
70) Styrene	12.185	104	844138	58.906	ug/l	97
71) Bromoform	12.349	173	155401	57.595	ug/l #	99
73) Isopropylbenzene	12.467	105	1303648	55.710	ug/l	99
74) N-amyl acetate	12.279	43	286789	58.410	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	247409	55.819	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	305483	96.665	ug/l #	100
77) Bromobenzene	12.749	156	296384	56.508	ug/l	92
78) n-propylbenzene	12.808	91	1564289	55.413	ug/l	98
79) 2-Chlorotoluene	12.896	91	914357	55.384	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1106630	55.217	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	74398	57.768	ug/l	89
82) 4-Chlorotoluene	12.996	91	960712	55.875	ug/l	100
83) tert-Butylbenzene	13.208	119	986300	56.846	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	1084337	55.329	ug/l	100
85) sec-Butylbenzene	13.390	105	1445245	55.301	ug/l	99
86) p-Isopropyltoluene	13.502	119	1180810	55.277	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	598015	55.024	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	590414	53.900	ug/l	99
89) n-Butylbenzene	13.826	91	1112680	54.679	ug/l	98
90) Hexachloroethane	14.096	117	232650	53.201	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	523030	54.563	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	39186	59.779	ug/l	87
93) 1,2,4-Trichlorobenzene	15.143	180	337749	56.843	ug/l	98
94) Hexachlorobutadiene	15.249	225	175932	52.861	ug/l	99
95) Naphthalene	15.384	128	651952	56.469	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	290253	55.970	ug/l	99

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QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

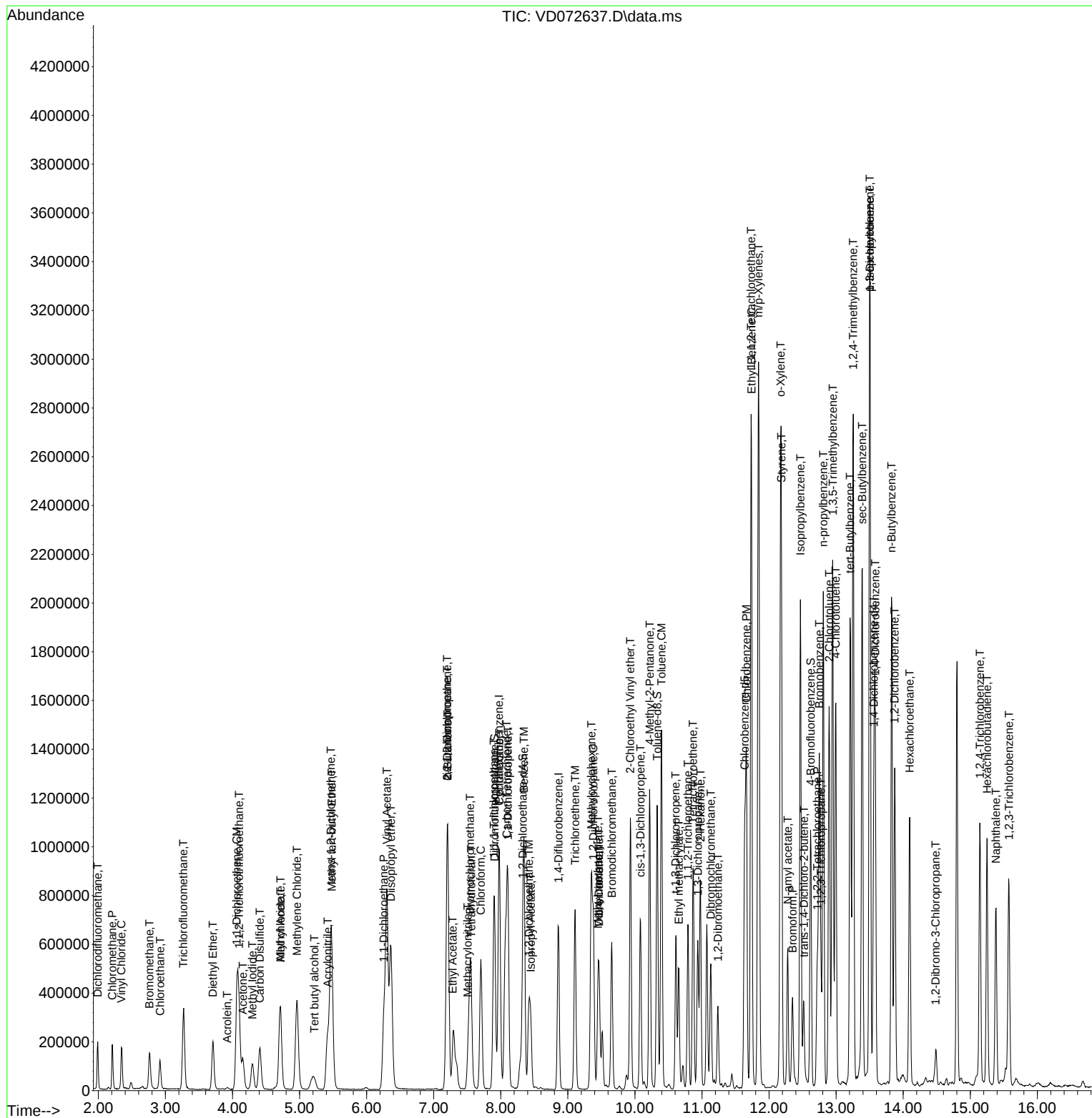
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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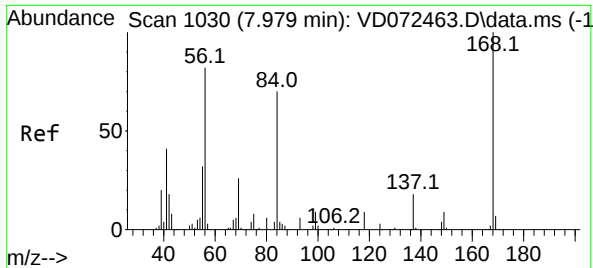
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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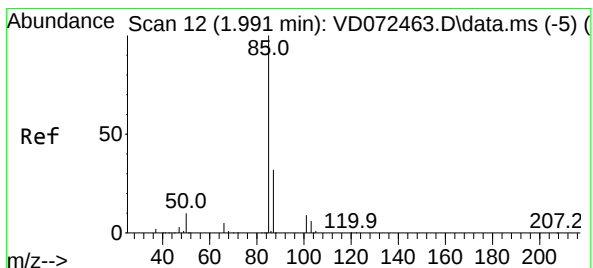
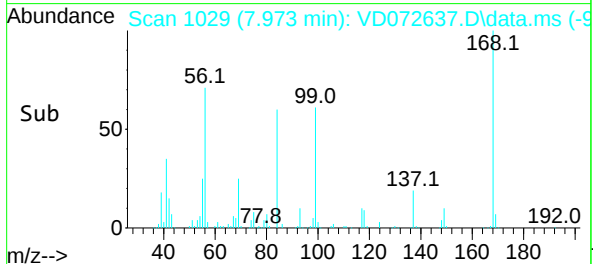
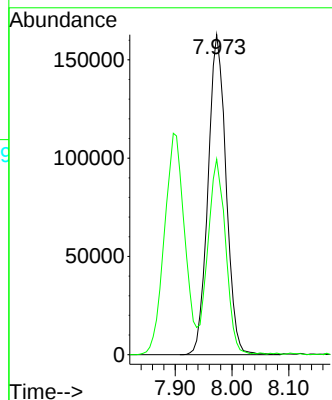
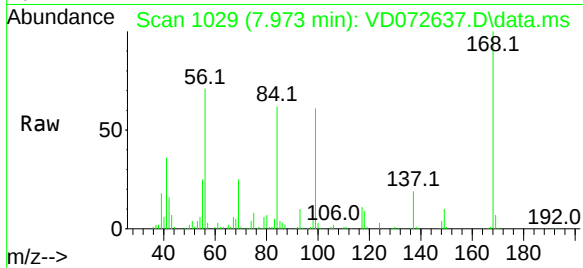




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
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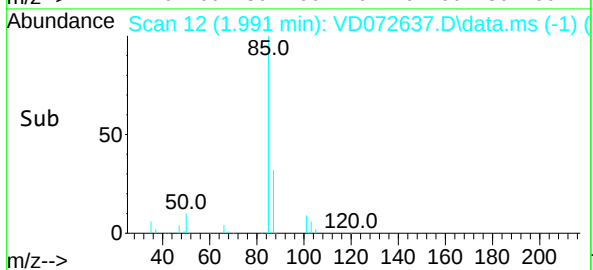
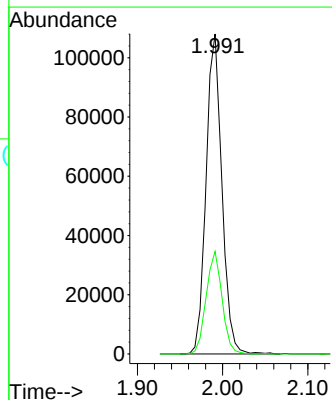
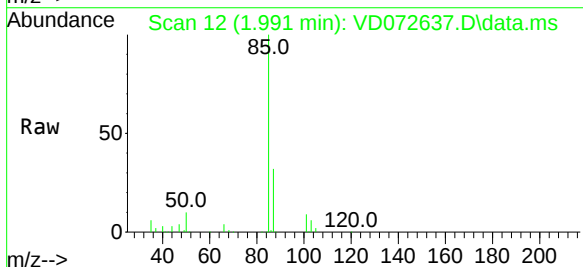
Instrument :
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ClientSampleId :
VSTDCCC050EC

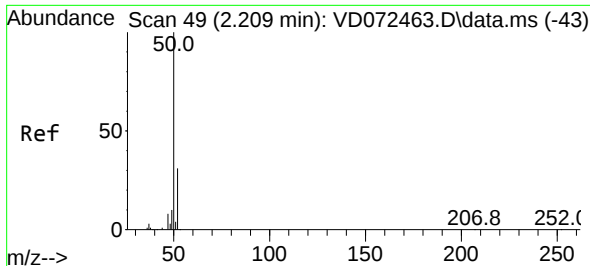
Tgt Ion:168 Resp: 357136
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 49.070 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 85 Resp: 139083
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0

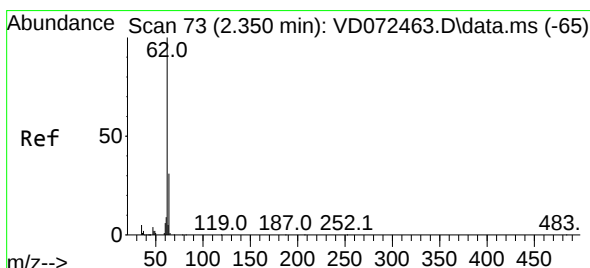
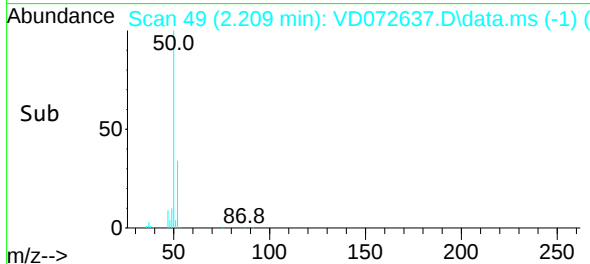
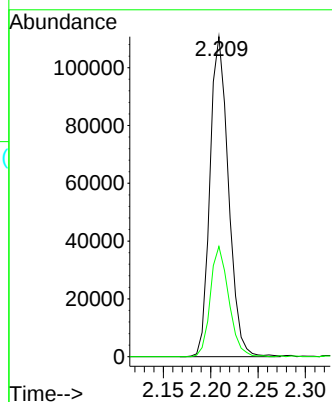
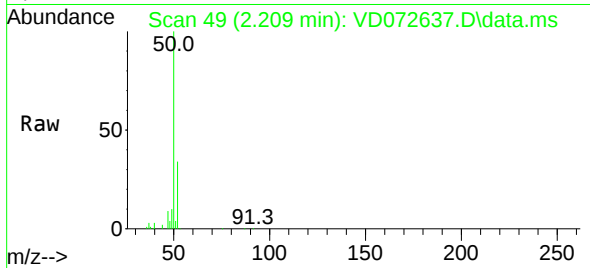




#3
Chloromethane
Concen: 57.267 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

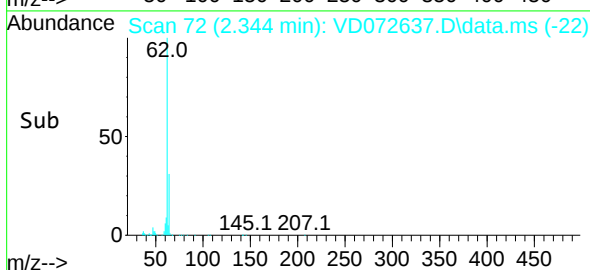
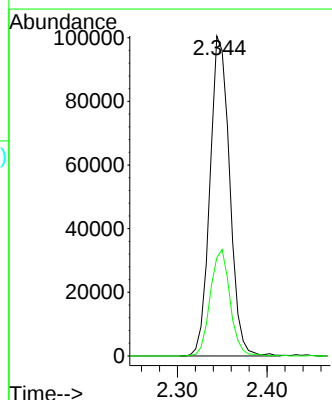
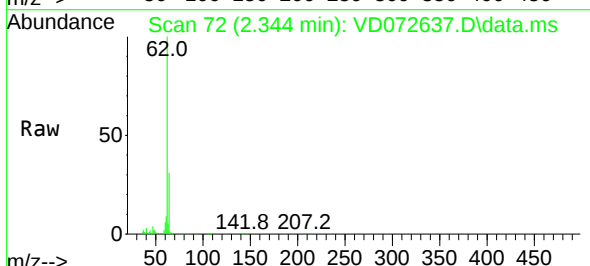
Instrument :
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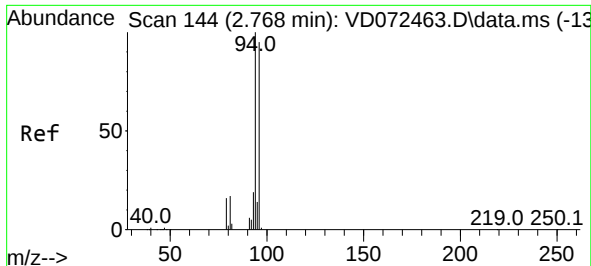
Tgt Ion: 50 Resp: 150131
Ion Ratio Lower Upper
50 100
52 34.4 27.4 41.0



#4
Vinyl Chloride
Concen: 50.865 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072637.D
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Tgt Ion: 62 Resp: 153320
Ion Ratio Lower Upper
62 100
64 30.7 25.4 38.0

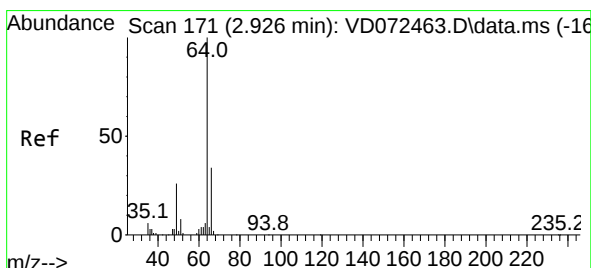
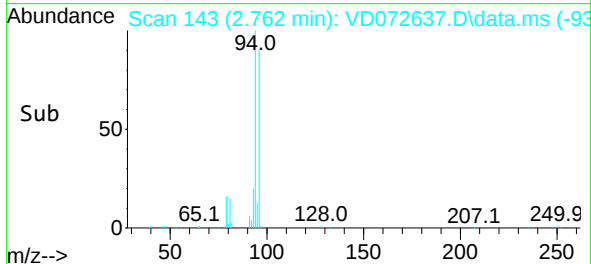
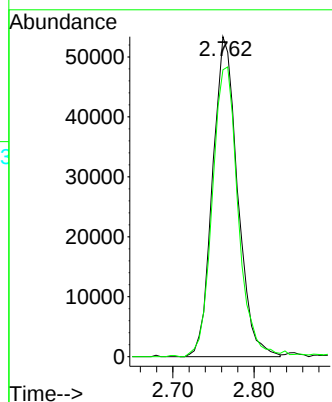
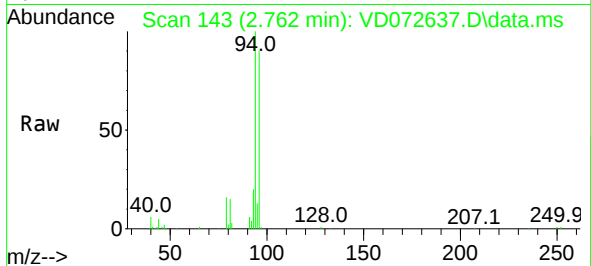




#5
Bromomethane
Concen: 56.616 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

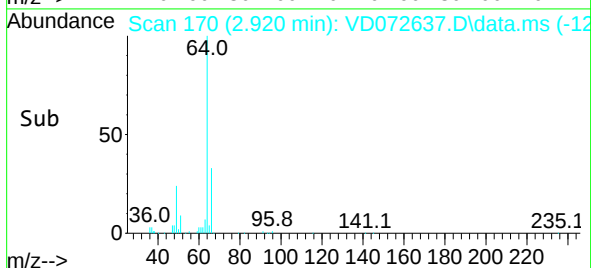
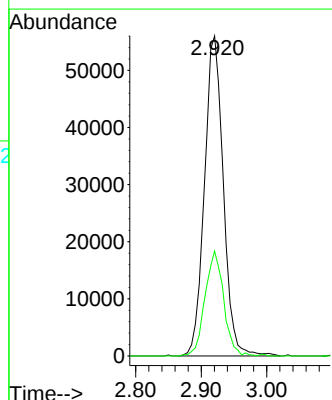
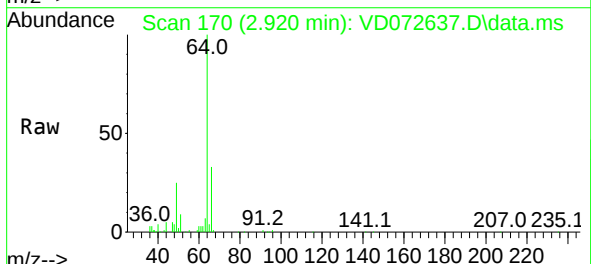
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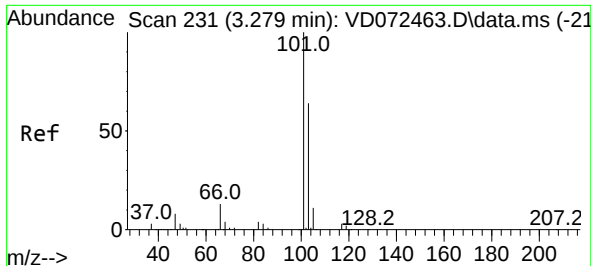
Tgt Ion: 94 Resp: 114375
Ion Ratio Lower Upper
94 100
96 89.6 77.6 116.4



#6
Chloroethane
Concen: 58.229 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 112434
Ion Ratio Lower Upper
64 100
66 32.8 25.9 38.9

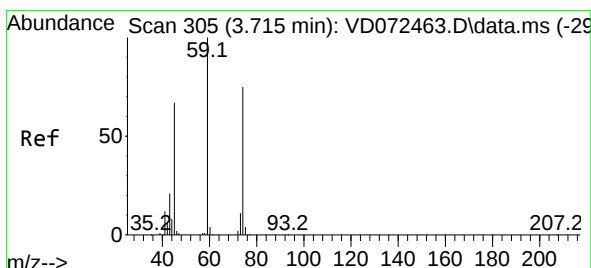
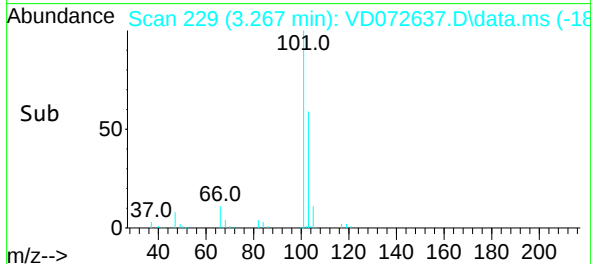
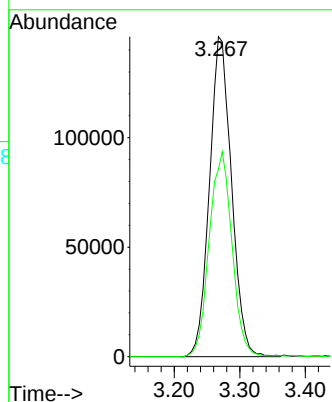
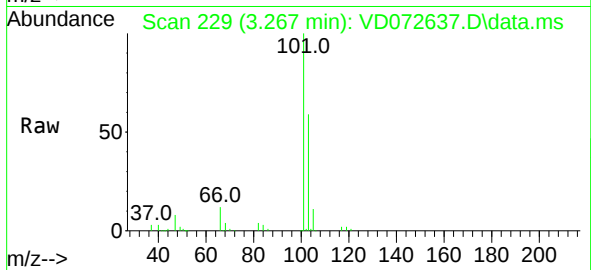




#7
Trichlorofluoromethane
Concen: 55.428 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

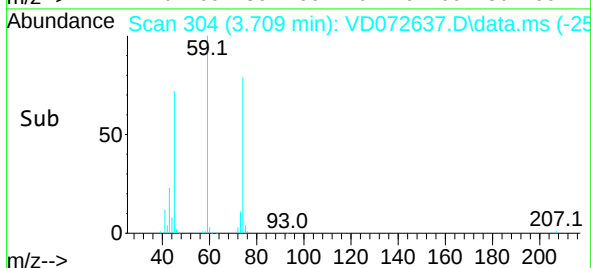
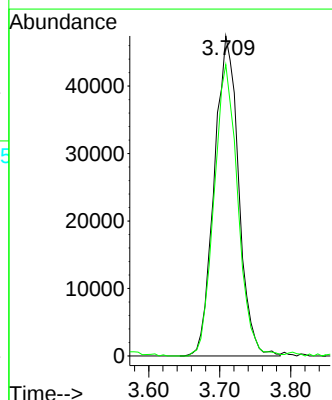
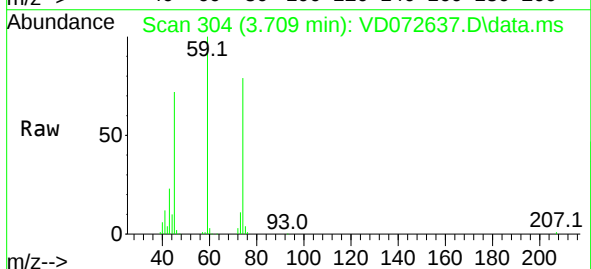
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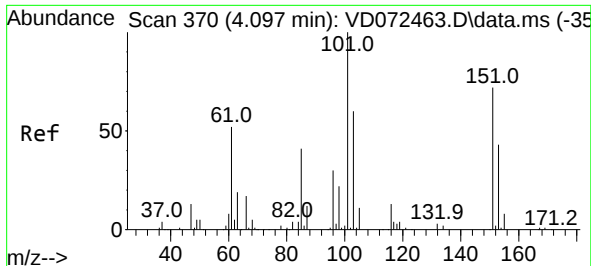
Tgt Ion:101 Resp: 341000
Ion Ratio Lower Upper
101 100
103 58.5 50.1 75.1



#8
Diethyl Ether
Concen: 61.536 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 74 Resp: 112503
Ion Ratio Lower Upper
74 100
45 88.9 52.6 157.8



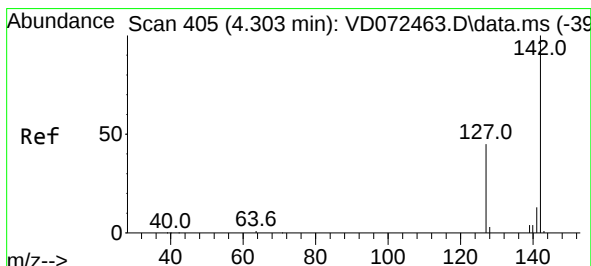
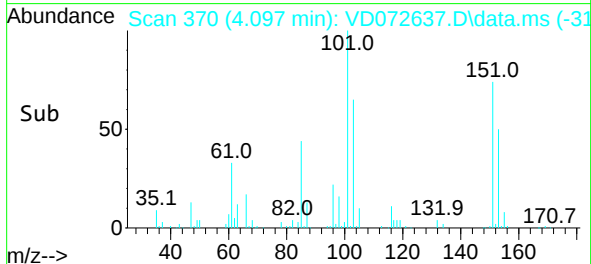
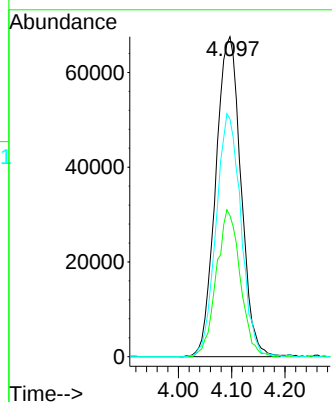
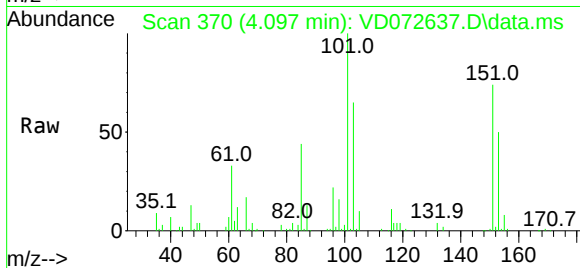


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 54.042 ug/l
 RT: 4.097 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VD072637.D
 Acq: 19 Apr 2022 21:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 221731

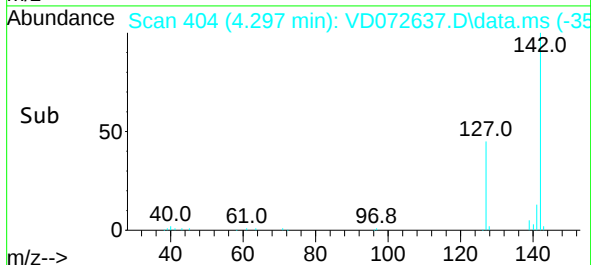
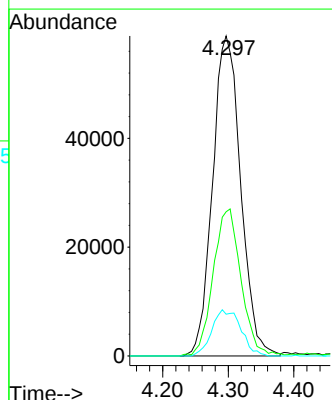
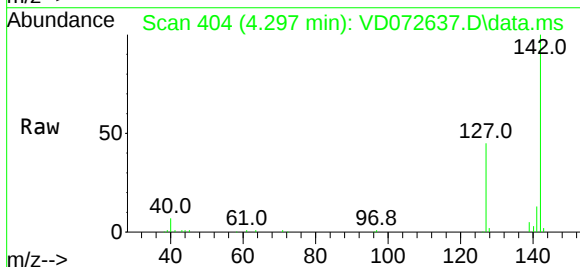
Ion	Ratio	Lower	Upper
101	100		
85	43.4	36.4	54.6
151	74.7	57.3	85.9

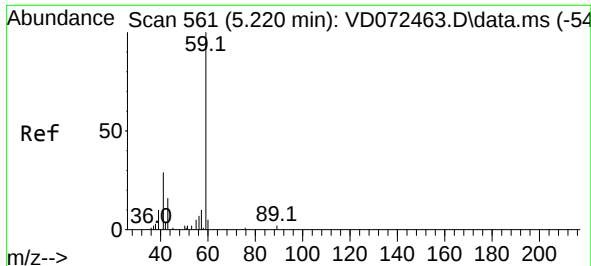


#10
 Methyl Iodide
 Concen: 46.055 ug/l
 RT: 4.297 min Scan# 404
 Delta R.T. -0.006 min
 Lab File: VD072637.D
 Acq: 19 Apr 2022 21:04

Tgt Ion:142 Resp: 174919

Ion	Ratio	Lower	Upper
142	100		
127	45.5	37.3	55.9
141	14.9	11.7	17.5

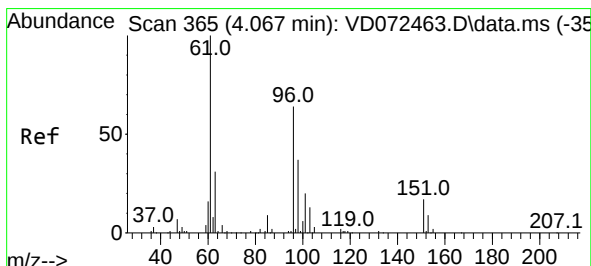
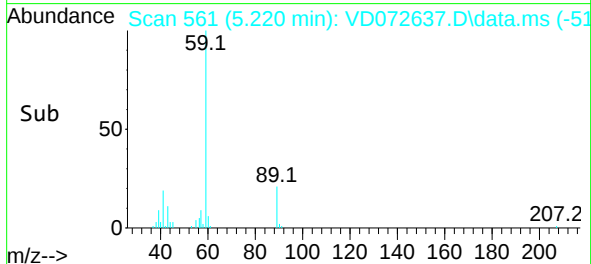
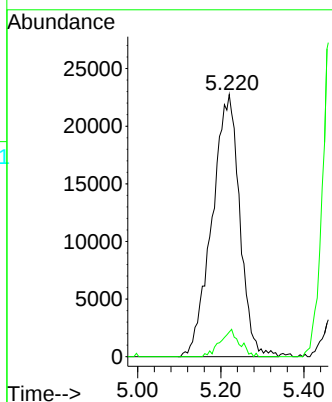
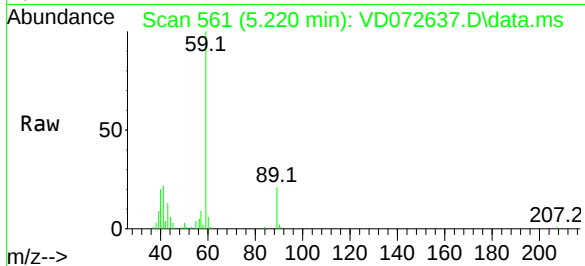




#11
Tert butyl alcohol
Concen: 461.112 ug/l
RT: 5.220 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

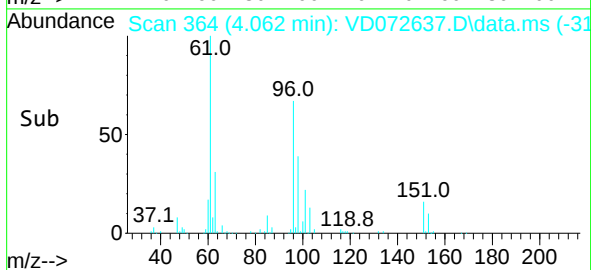
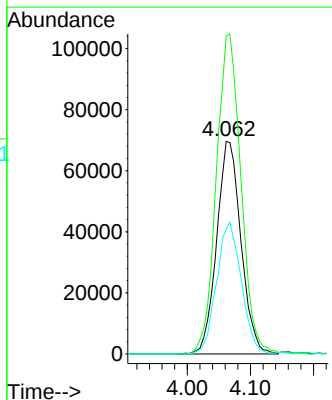
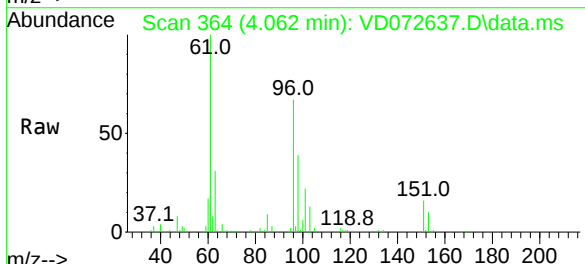
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

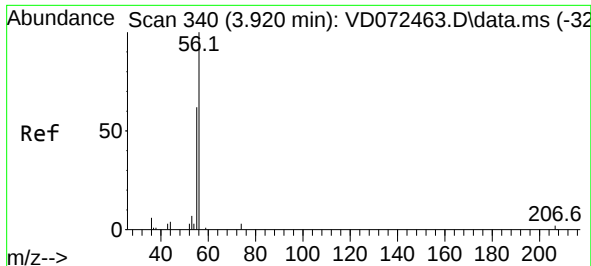
Tgt Ion: 59 Resp: 105202
Ion Ratio Lower Upper
59 100
57 7.3 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 57.972 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 96 Resp: 185959
Ion Ratio Lower Upper
96 100
61 149.7 138.5 207.7
98 58.5 48.6 73.0

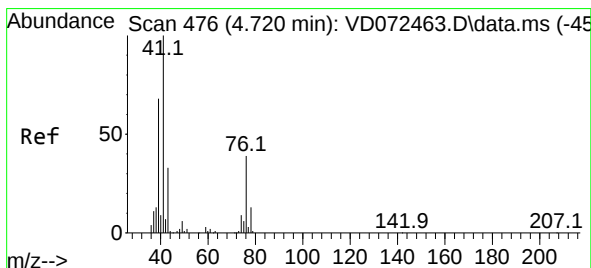
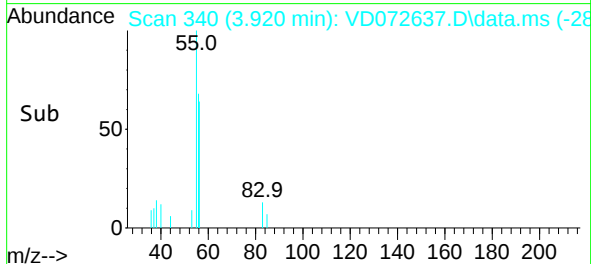
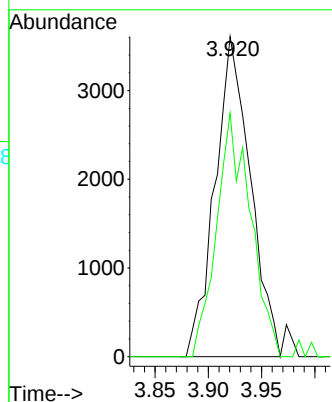
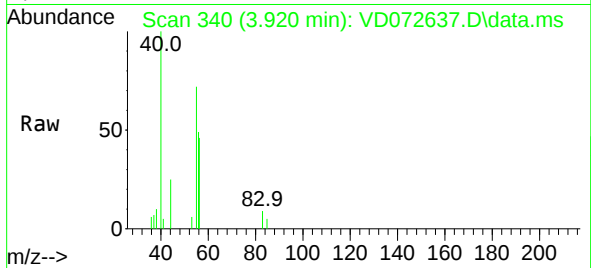




#13
Acrolein
Concen: 82.237 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

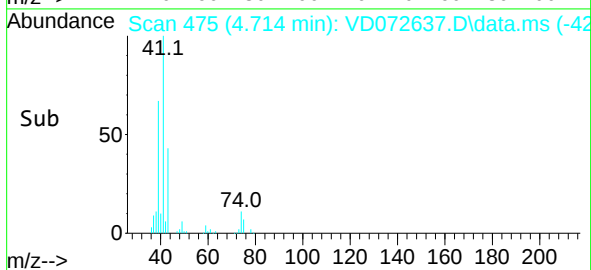
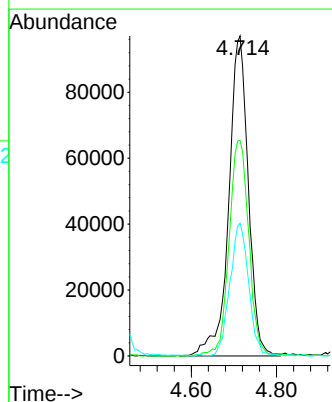
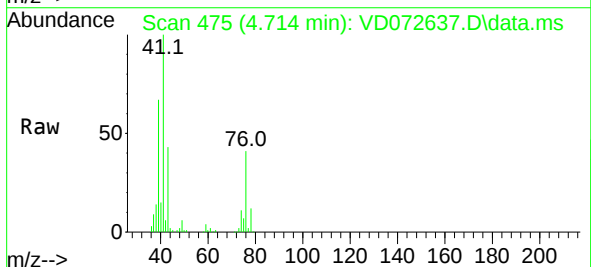
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

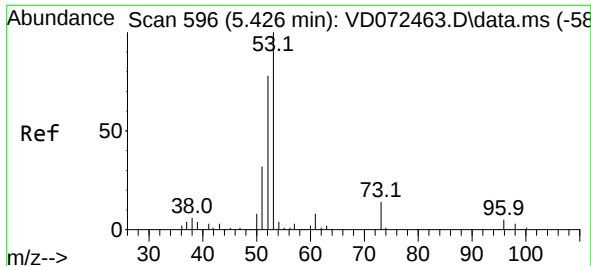
Tgt Ion: 56 Resp: 8326
Ion Ratio Lower Upper
56 100
55 73.0 57.1 85.7



#14
Allyl chloride
Concen: 54.763 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 41 Resp: 309084
Ion Ratio Lower Upper
41 100
39 68.2 59.3 88.9
76 39.8 25.7 38.5#

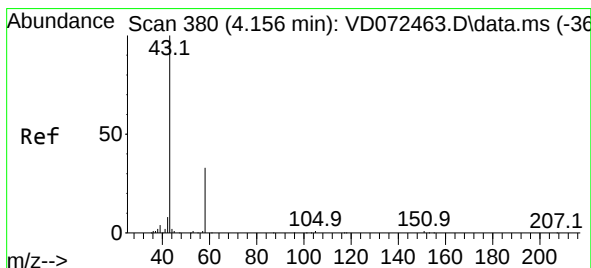
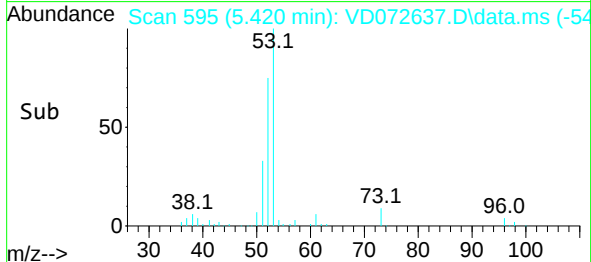
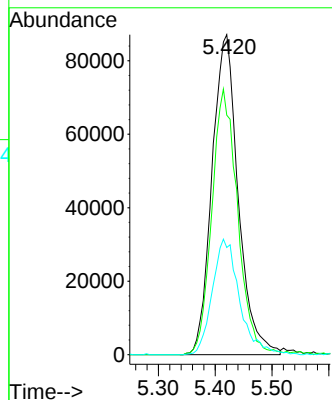
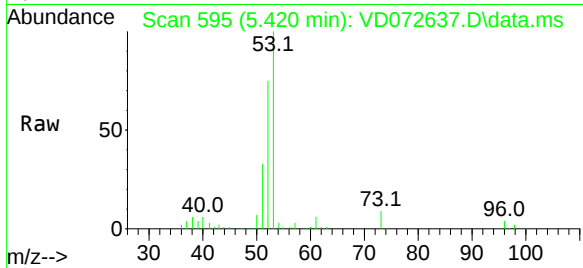




#15
Acrylonitrile
Concen: 305.221 ug/l
RT: 5.420 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

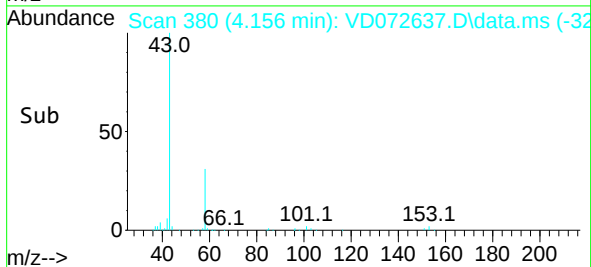
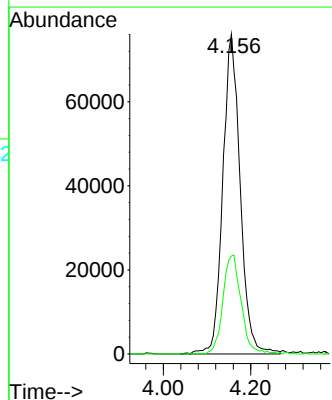
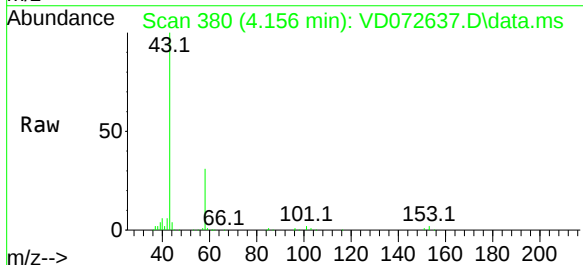
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

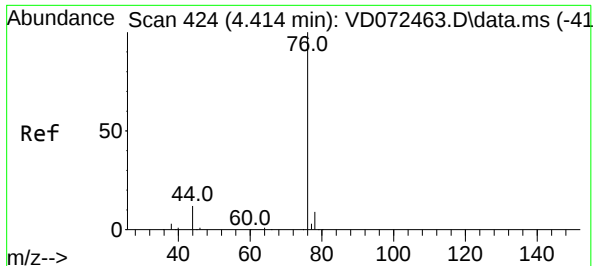
Tgt Ion: 53 Resp: 279068
Ion Ratio Lower Upper
53 100
52 81.5 67.2 100.8
51 37.6 30.3 45.5



#16
Acetone
Concen: 259.940 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 43 Resp: 209404
Ion Ratio Lower Upper
43 100
58 30.6 22.1 33.1

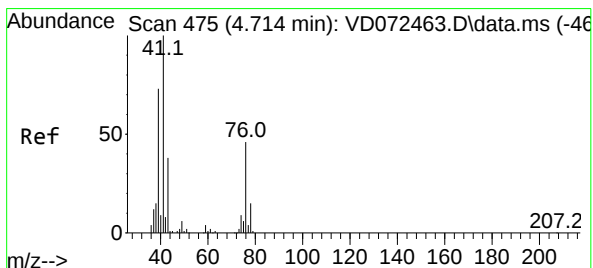
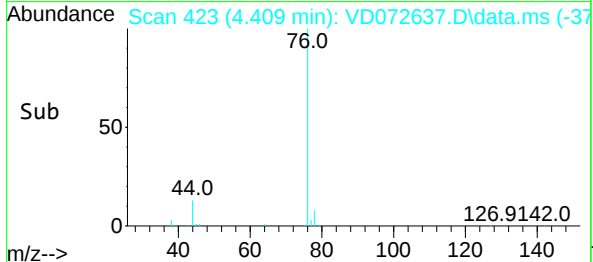
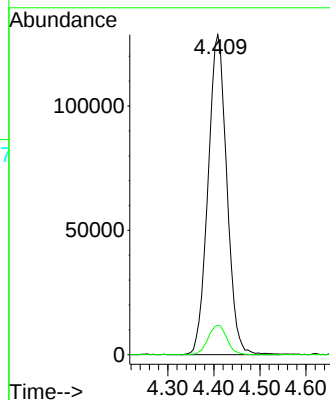
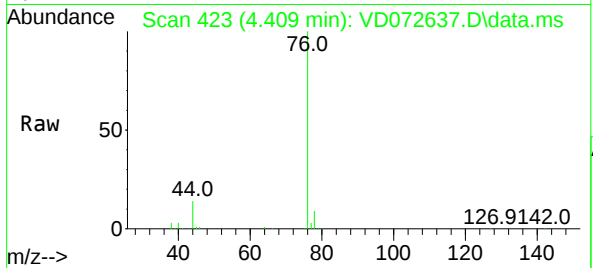




#17
Carbon Disulfide
Concen: 52.438 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

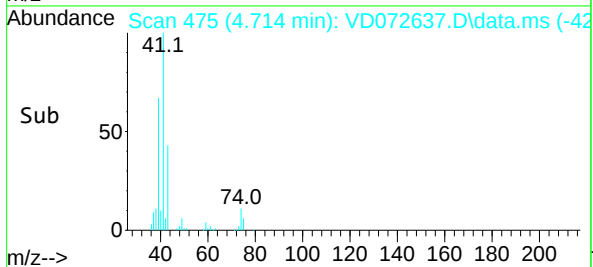
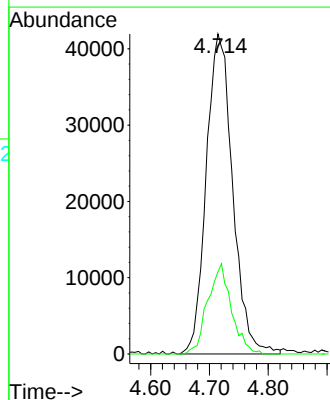
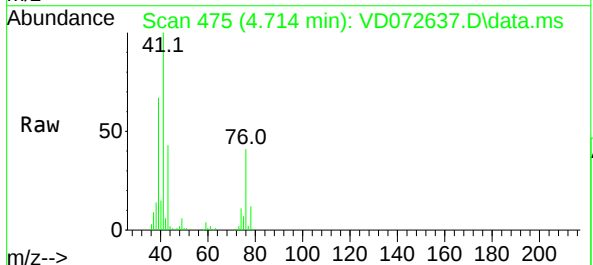
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

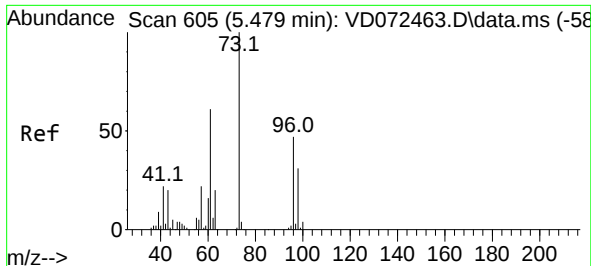
Tgt Ion: 76 Resp: 365614
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 57.643 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 43 Resp: 130821
Ion Ratio Lower Upper
43 100
74 25.3 16.7 25.1#

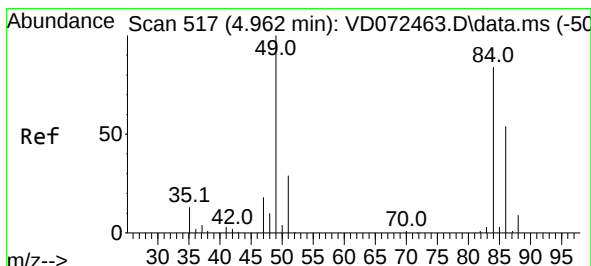
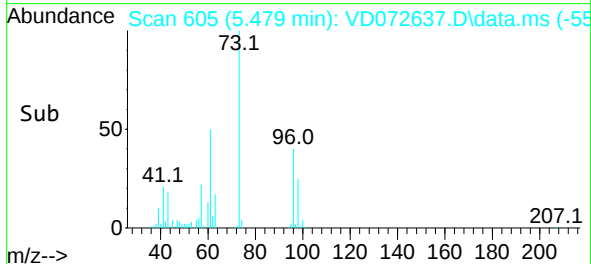
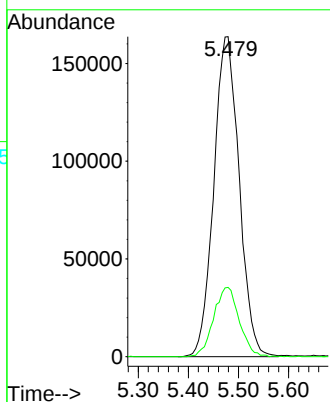
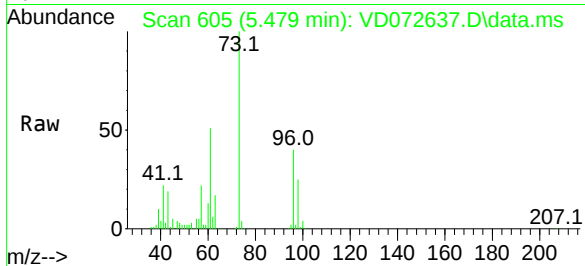




#19
Methyl tert-butyl Ether
Concen: 61.415 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

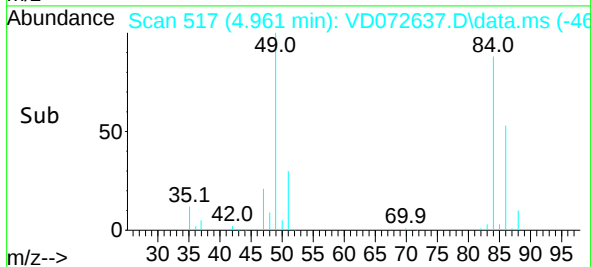
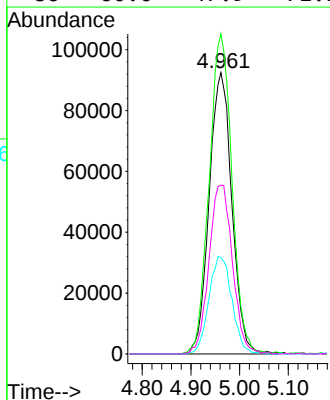
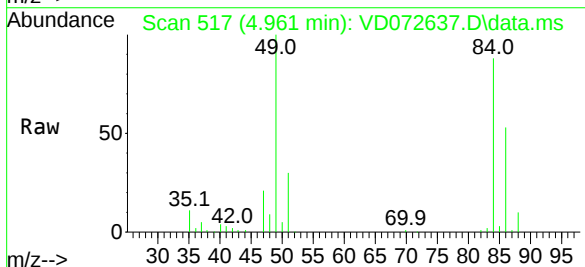
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

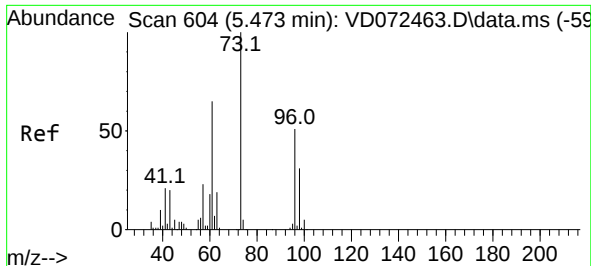
Tgt Ion: 73 Resp: 575006
Ion Ratio Lower Upper
73 100
57 21.6 18.0 27.0



#20
Methylene Chloride
Concen: 62.365 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 84 Resp: 299095
Ion Ratio Lower Upper
84 100
49 113.8 112.8 169.2
51 34.2 32.6 48.8
86 60.0 47.9 71.9

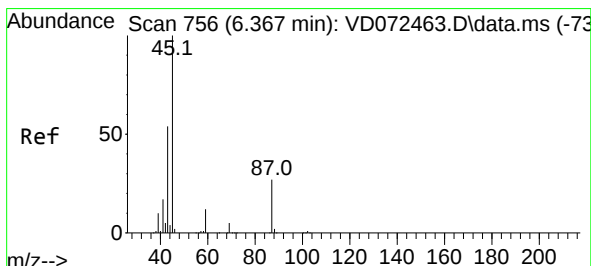
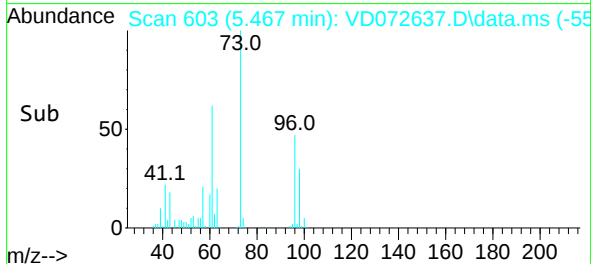
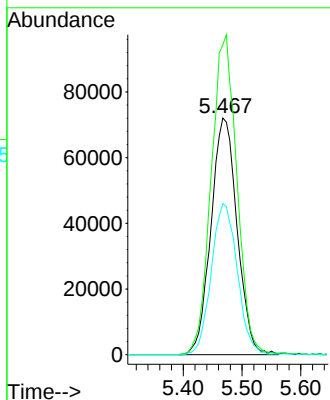
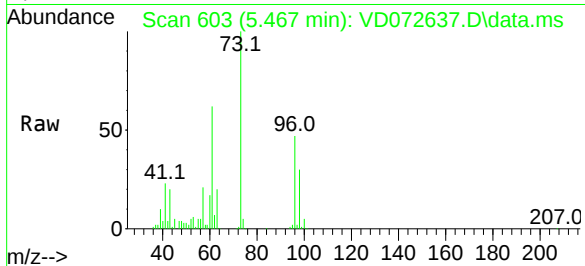




#21
trans-1,2-Dichloroethene
Concen: 56.775 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

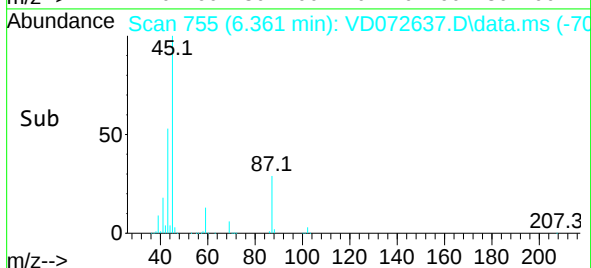
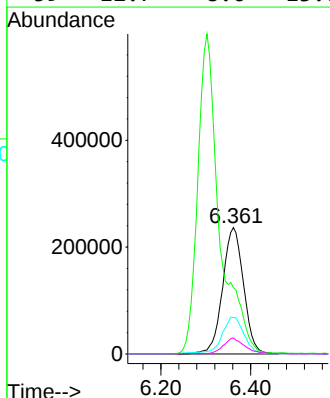
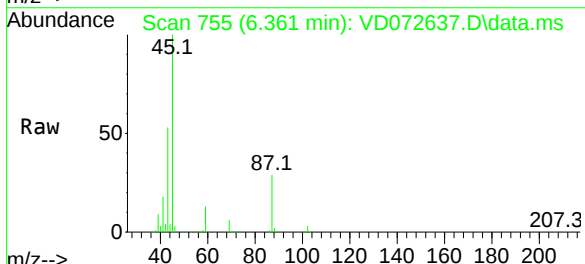
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

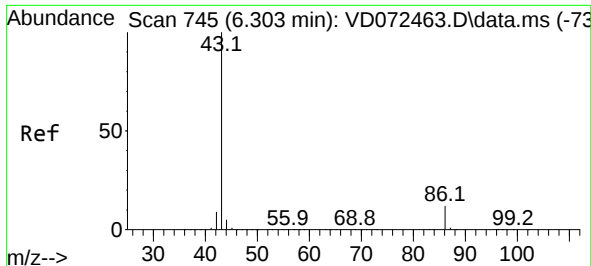
Tgt Ion: 96 Resp: 222696
Ion Ratio Lower Upper
96 100
61 130.9 117.9 176.9
98 63.8 49.4 74.2



#22
Diisopropyl ether
Concen: 59.665 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 45 Resp: 768952
Ion Ratio Lower Upper
45 100
43 52.1 46.6 70.0
87 28.6 18.4 27.6#
59 12.7 8.6 13.0

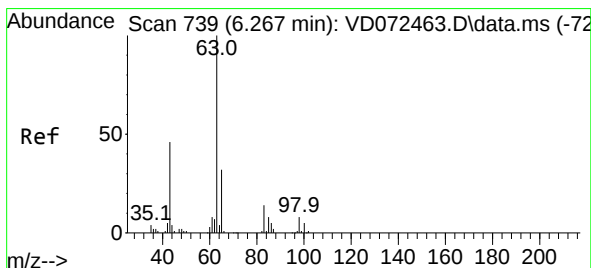
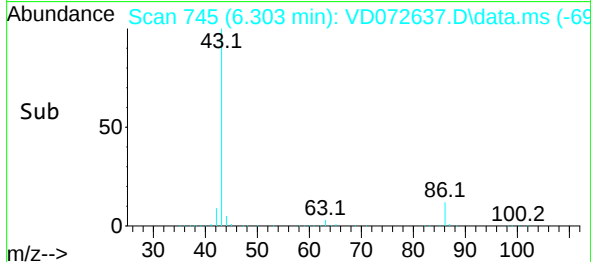
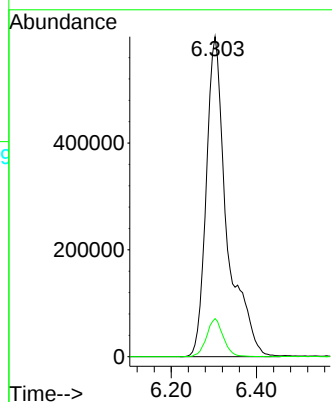
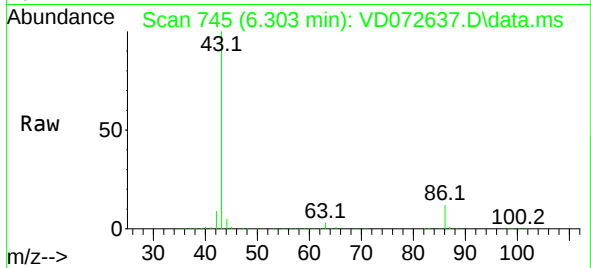




#23
 Vinyl Acetate
 Concen: 290.837 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072637.D
 Acq: 19 Apr 2022 21:04

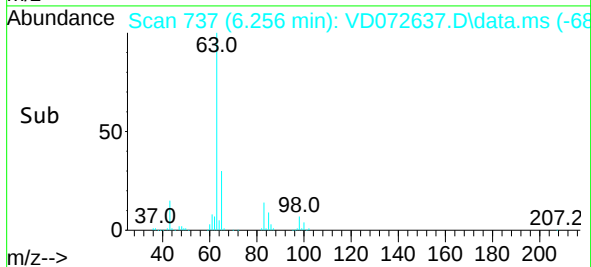
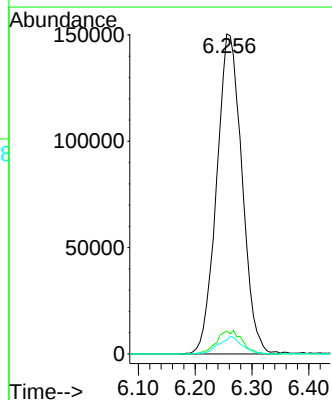
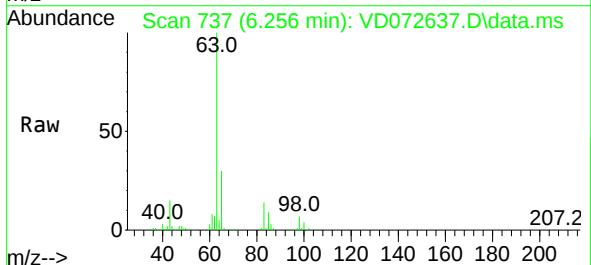
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

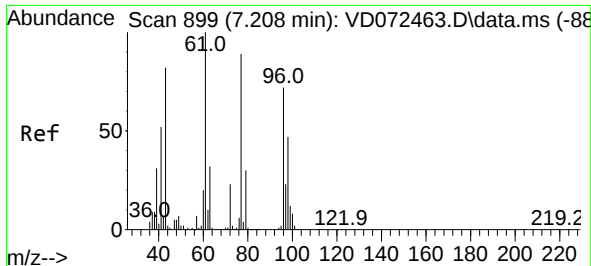
Tgt Ion: 43 Resp: 2023337
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 60.007 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.012 min
 Lab File: VD072637.D
 Acq: 19 Apr 2022 21:04

Tgt Ion: 63 Resp: 466020
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.5 2.1 6.5

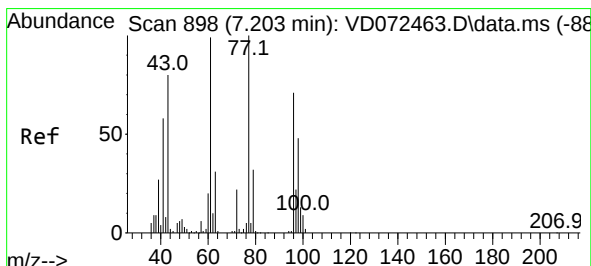
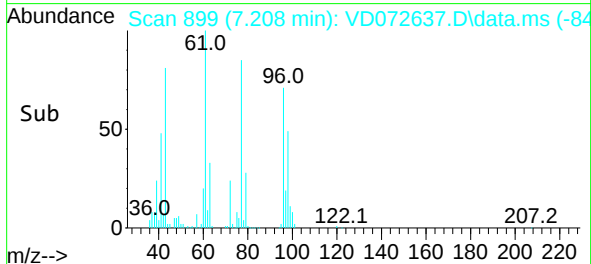
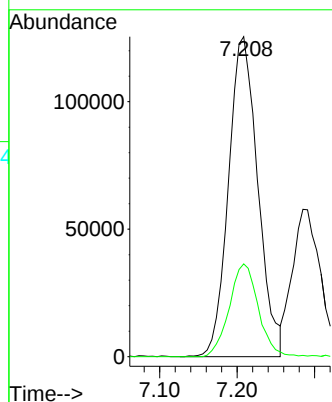
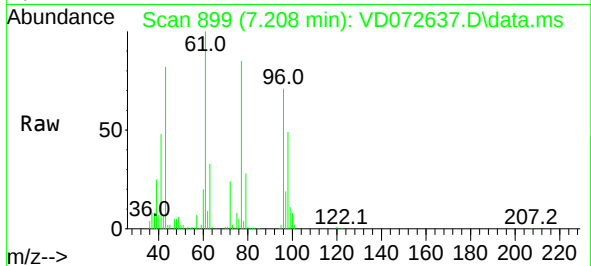




#25
2-Butanone
Concen: 296.775 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

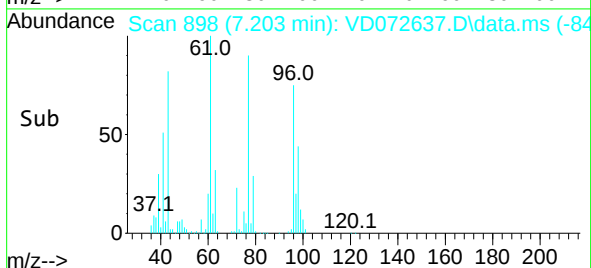
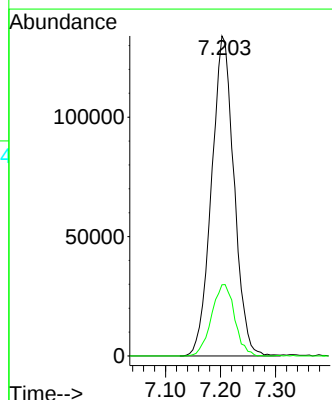
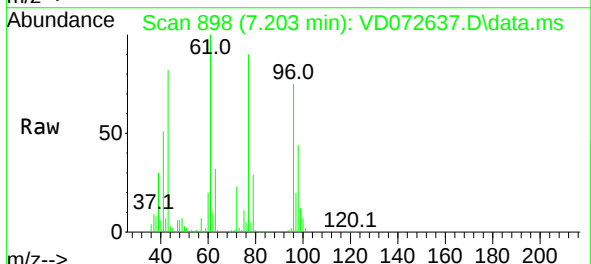
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

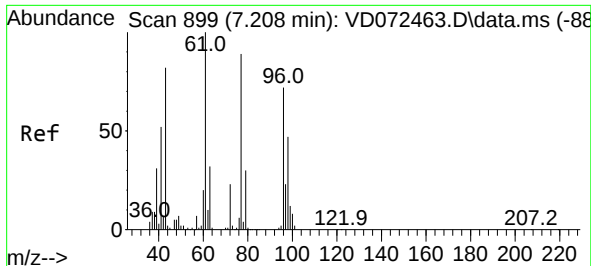
Tgt Ion: 43 Resp: 330651
Ion Ratio Lower Upper
43 100
72 29.0 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 55.318 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 77 Resp: 381580
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.4

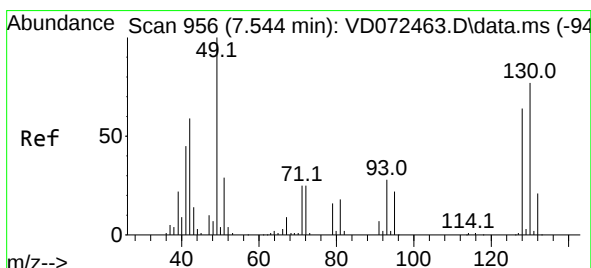
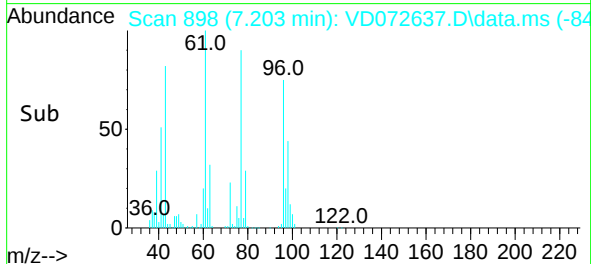
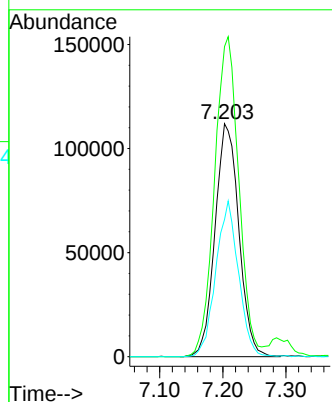
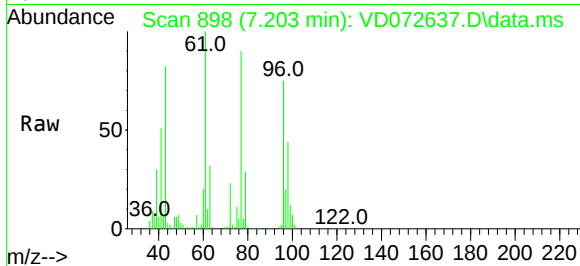




#27
cis-1,2-Dichloroethene
Concen: 60.152 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

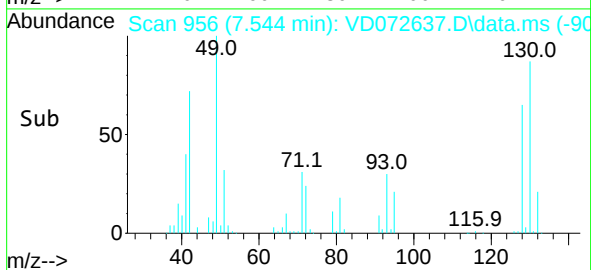
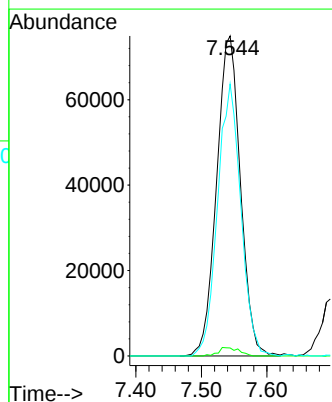
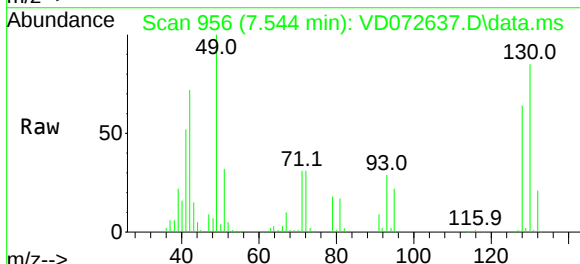
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

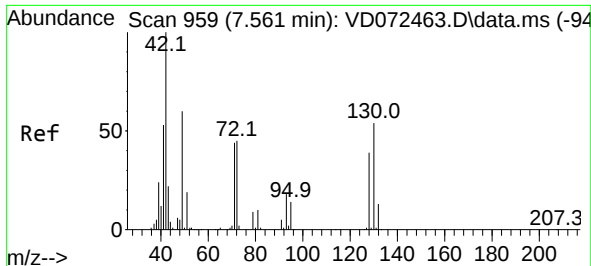
Tgt Ion: 96 Resp: 292961
Ion Ratio Lower Upper
96 100
61 139.9 0.0 313.8
98 63.6 0.0 128.8



#28
Bromochloromethane
Concen: 56.797 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 49 Resp: 188997
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.0
130 83.2 52.6 79.0#





#29

Tetrahydrofuran

Concen: 315.582 ug/l

RT: 7.561 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD072637.D

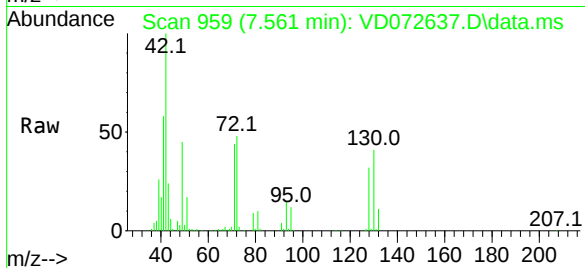
Acq: 19 Apr 2022 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



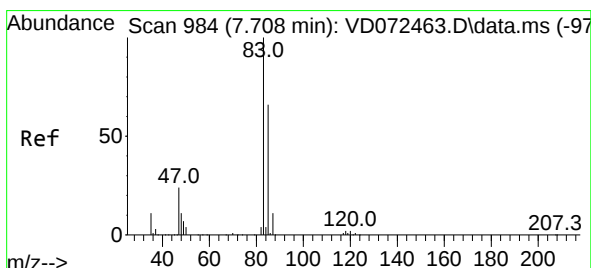
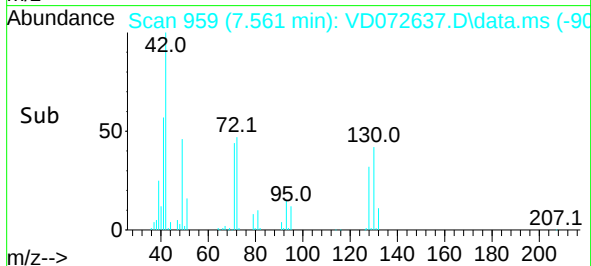
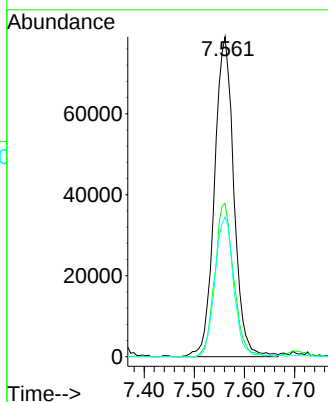
Tgt Ion: 42 Resp: 212279

Ion Ratio Lower Upper

42 100

72 46.6 30.7 46.1#

71 42.4 28.6 43.0



#30

Chloroform

Concen: 59.122 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD072637.D

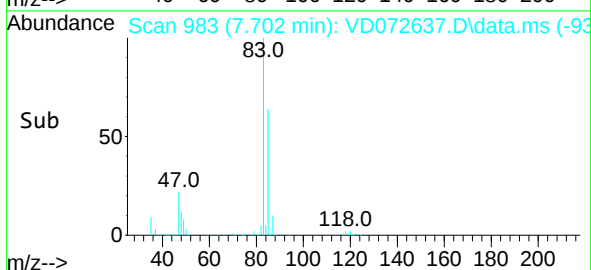
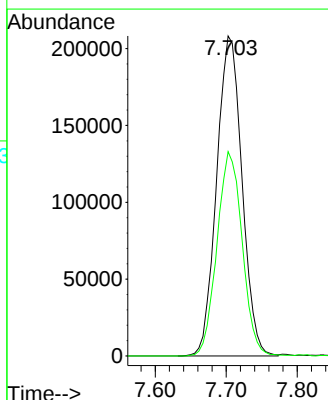
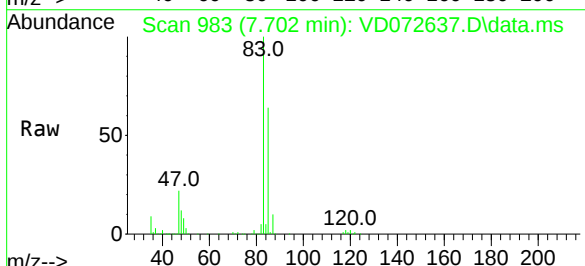
Acq: 19 Apr 2022 21:04

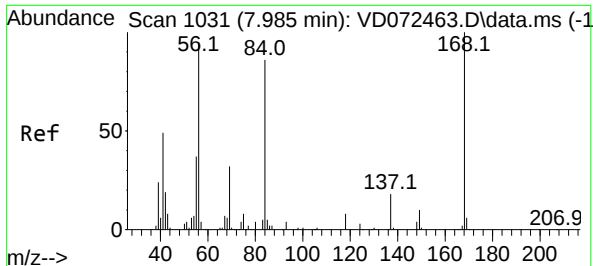
Tgt Ion: 83 Resp: 516488

Ion Ratio Lower Upper

83 100

85 63.8 52.7 79.1





#31

Cyclohexane

Concen: 55.640 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

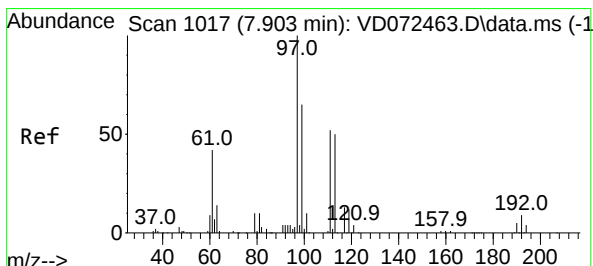
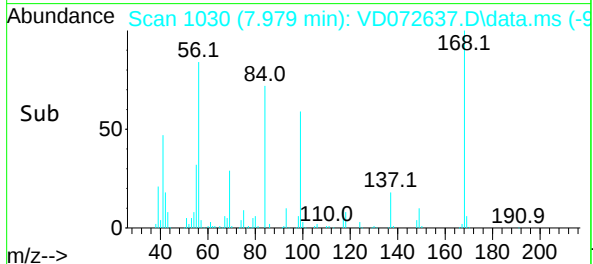
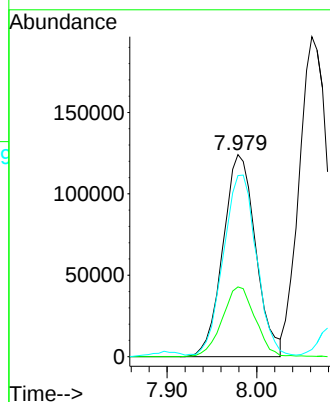
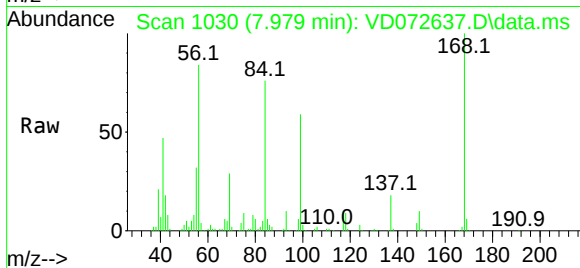
Tgt Ion: 56 Resp: 314311

Ion Ratio Lower Upper

56 100

69 34.5 25.4 38.2

84 88.0 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 58.427 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

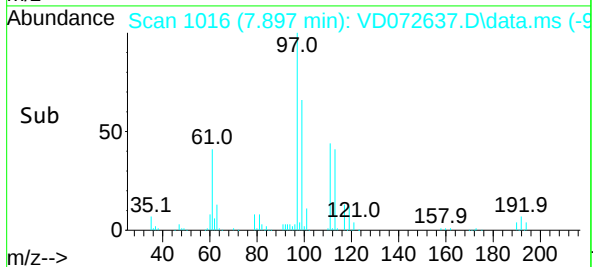
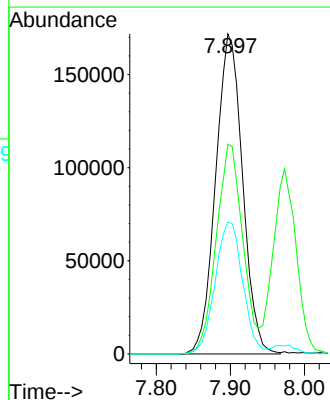
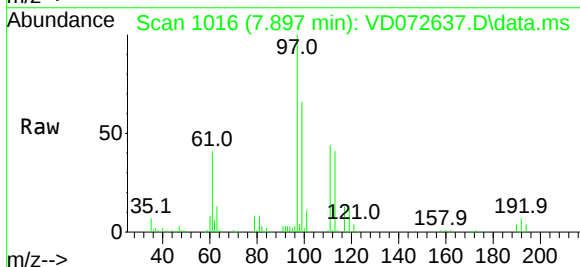
Tgt Ion: 97 Resp: 432918

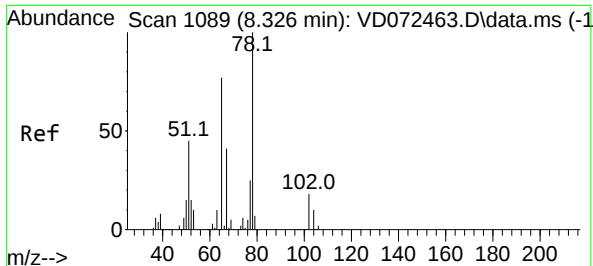
Ion Ratio Lower Upper

97 100

99 64.7 52.4 78.6

61 42.3 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 50.309 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

Instrument :

MSVOA_D

ClientSampleId :

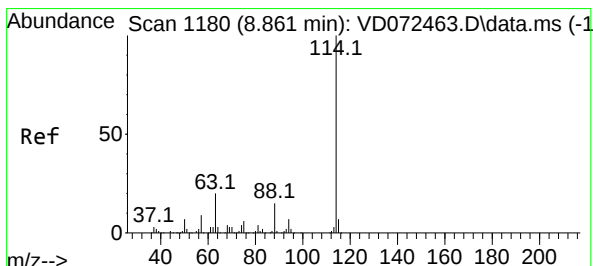
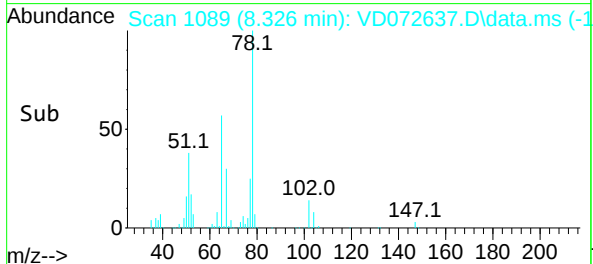
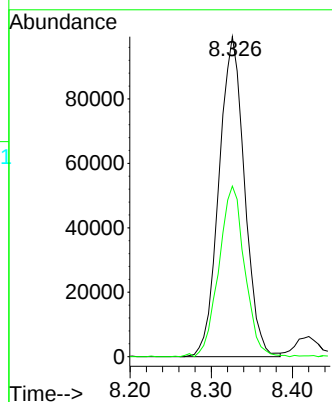
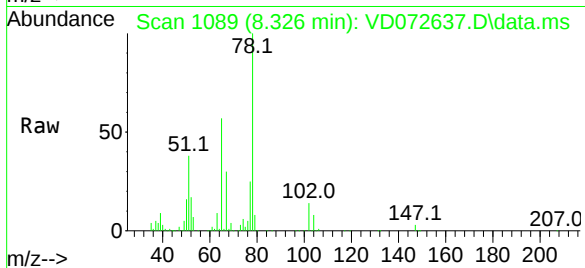
VSTDCCC050EC

Tgt Ion: 65 Resp: 217348

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

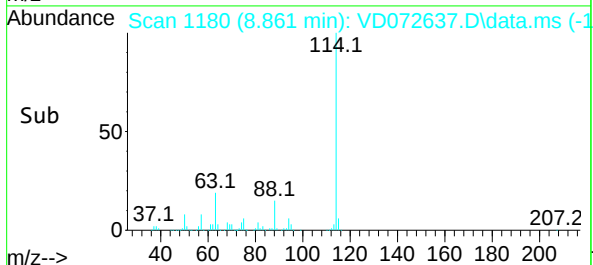
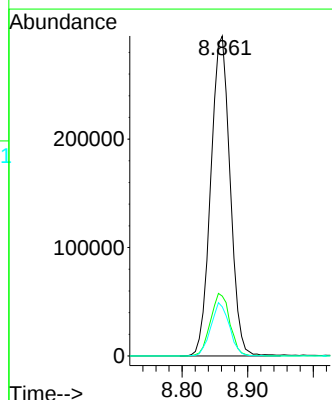
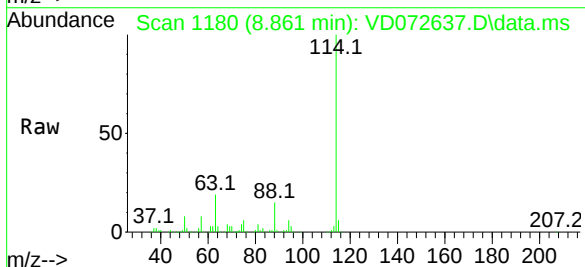
Tgt Ion: 114 Resp: 603059

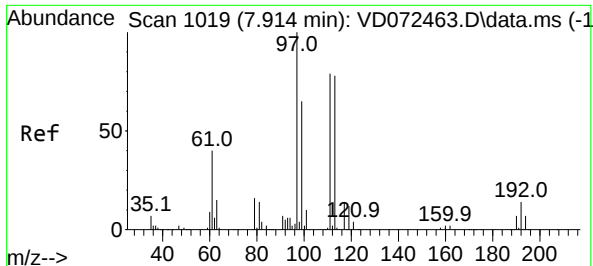
Ion Ratio Lower Upper

114 100

63 18.7 0.0 46.6

88 15.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.188 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

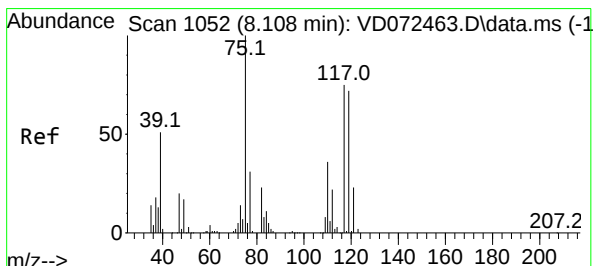
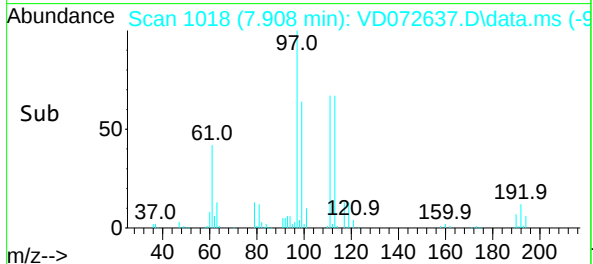
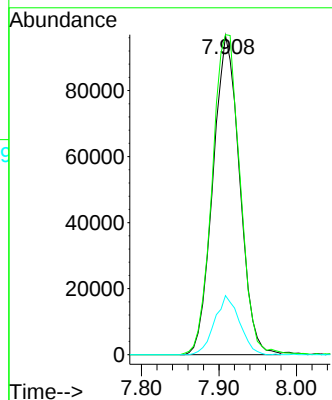
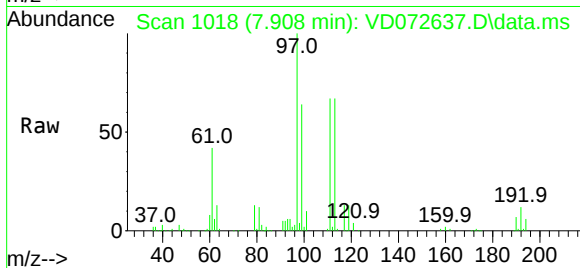
Tgt Ion:113 Resp: 230527

Ion Ratio Lower Upper

113 100

111 105.0 83.8 125.6

192 17.3 14.6 21.8



#36

1,1-Dichloropropene

Concen: 53.313 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

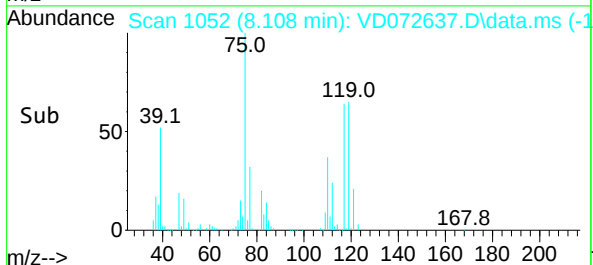
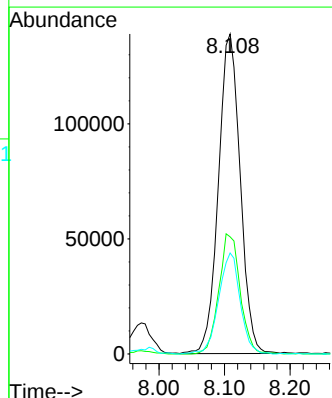
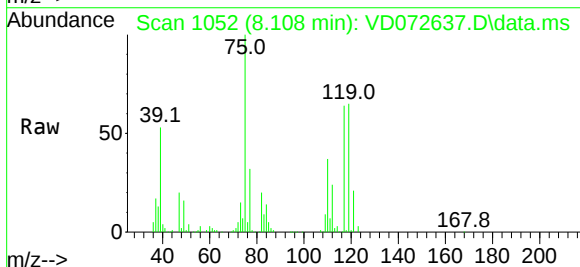
Tgt Ion: 75 Resp: 319754

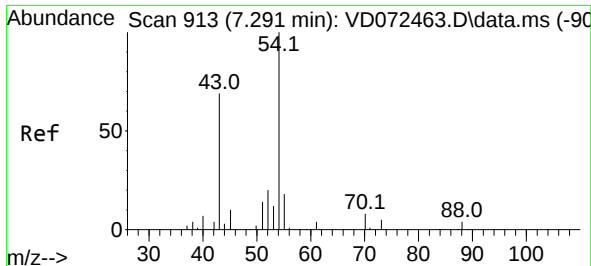
Ion Ratio Lower Upper

75 100

110 36.8 16.4 49.1

77 31.3 24.2 36.2





#37

Ethyl Acetate

Concen: 60.907 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

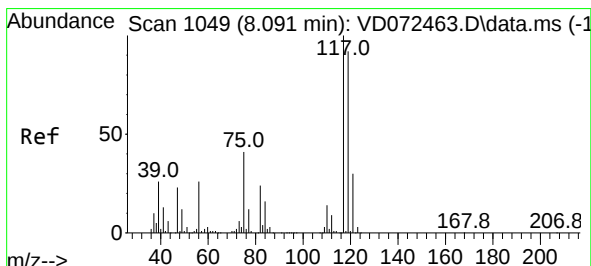
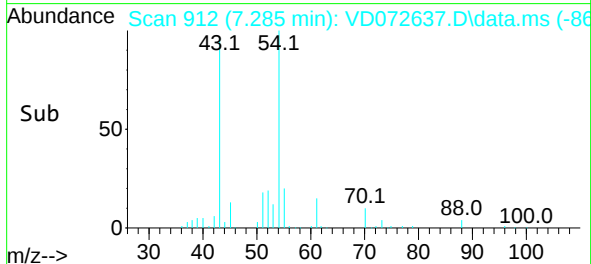
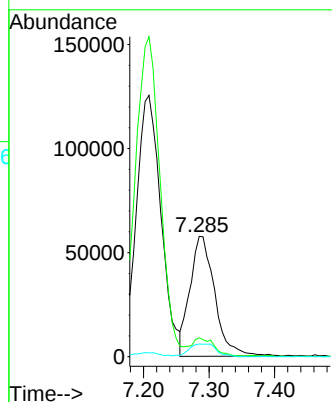
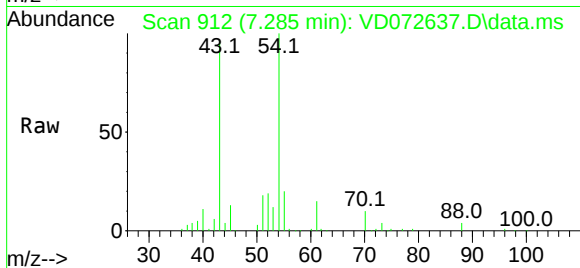
Tgt Ion: 43 Resp: 151249

Ion Ratio Lower Upper

43 100

61 14.2 9.8 14.8

70 11.7 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 56.419 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

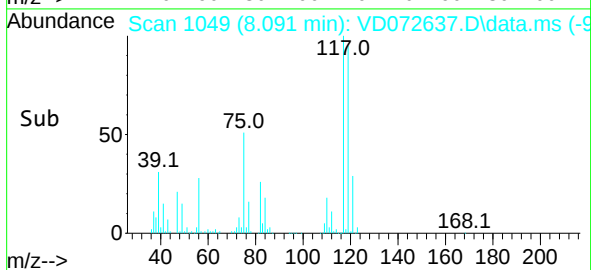
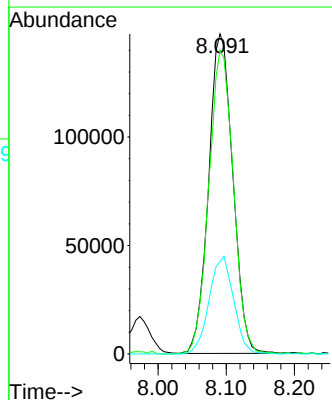
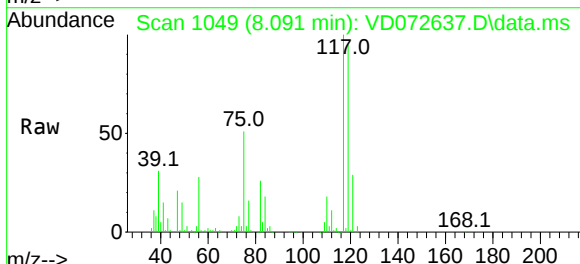
Tgt Ion: 117 Resp: 364274

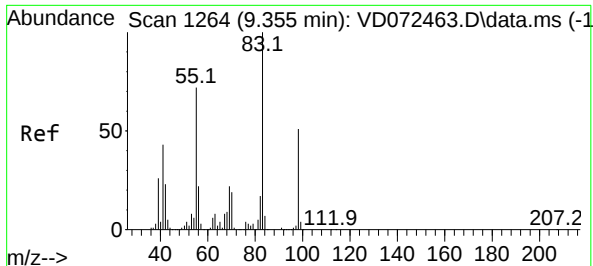
Ion Ratio Lower Upper

117 100

119 95.0 75.8 113.6

121 28.9 24.5 36.7





#39

Methylcyclohexane

Concen: 51.814 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

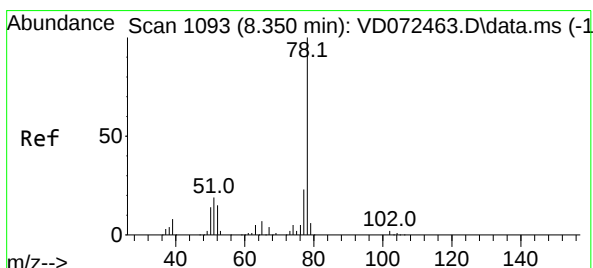
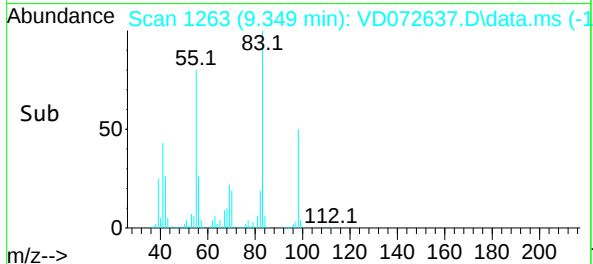
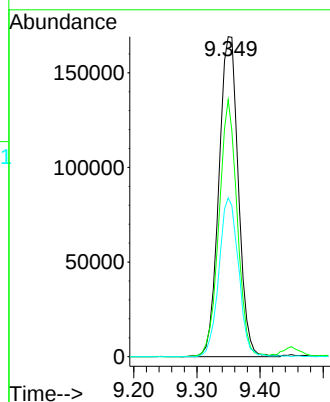
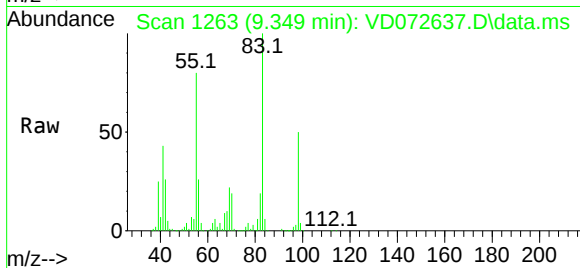
Tgt Ion: 83 Resp: 362169

Ion Ratio Lower Upper

83 100

55 80.3 63.2 94.8

98 49.7 38.2 57.4



#40

Benzene

Concen: 59.950 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072637.D

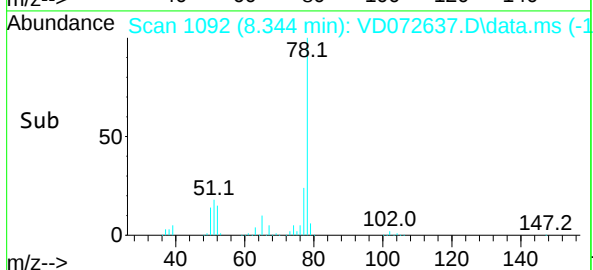
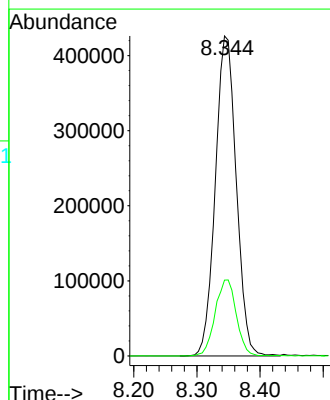
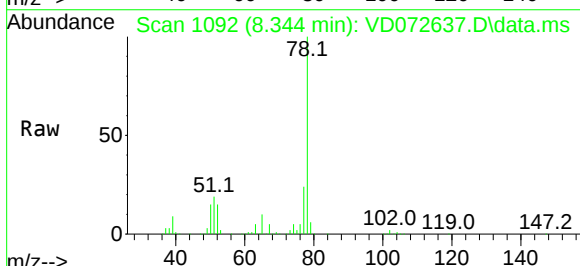
Acq: 19 Apr 2022 21:04

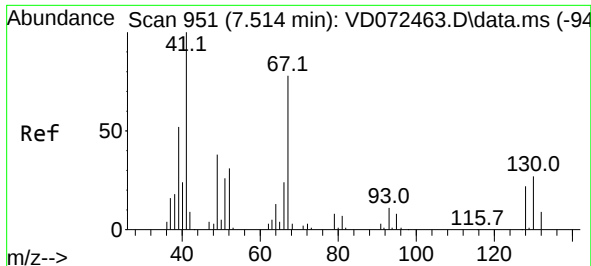
Tgt Ion: 78 Resp: 981228

Ion Ratio Lower Upper

78 100

77 23.7 19.1 28.7

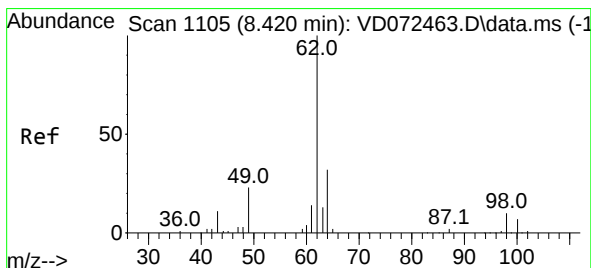
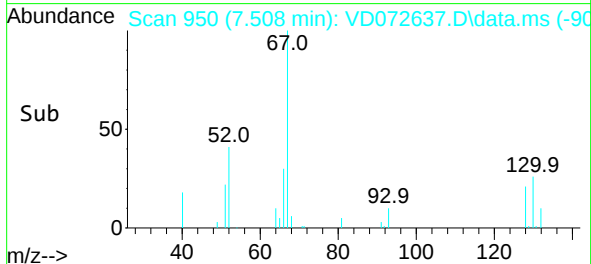
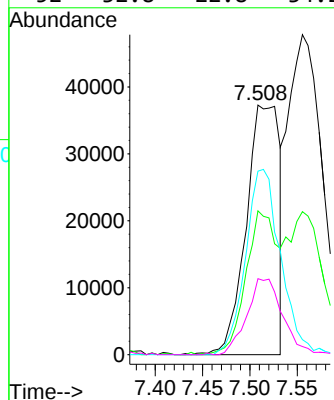
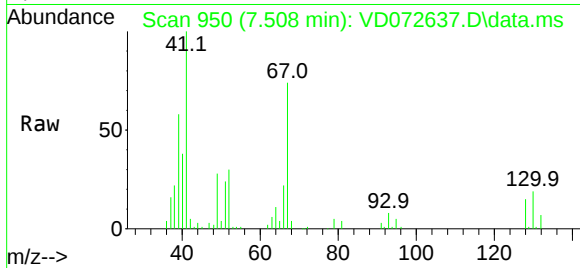




#41
Methacrylonitrile
Concen: 62.458 ug/l
RT: 7.508 min Scan# 91265
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

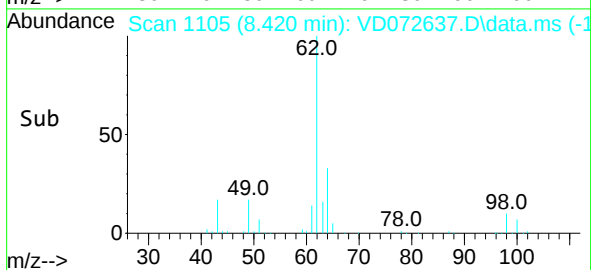
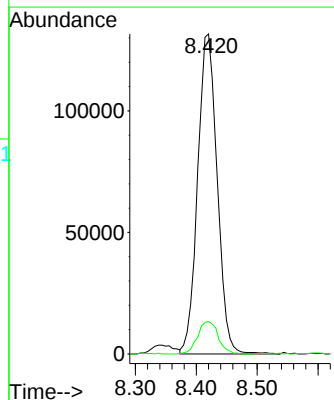
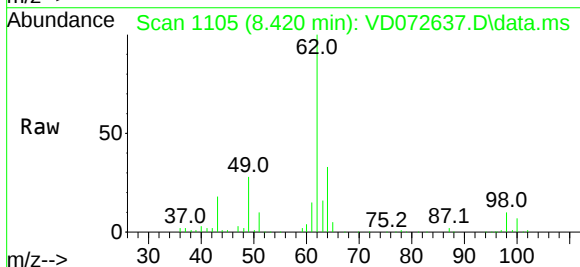
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

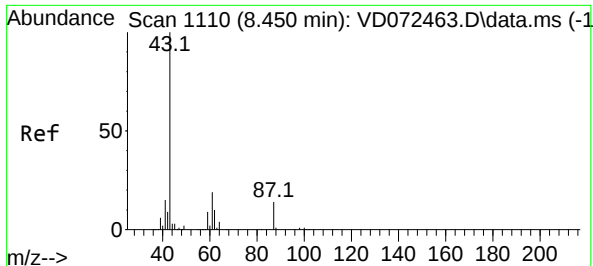
Tgt Ion: 41	Resp: 91265
Ion Ratio	Lower Upper
41 100	
39 54.5	44.6 67.0
67 78.4	48.2 72.4#
52 32.8	22.8 34.2



#42
1,2-Dichloroethane
Concen: 58.675 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 62	Resp: 293538
Ion Ratio	Lower Upper
62 100	
98 10.7	0.0 17.6

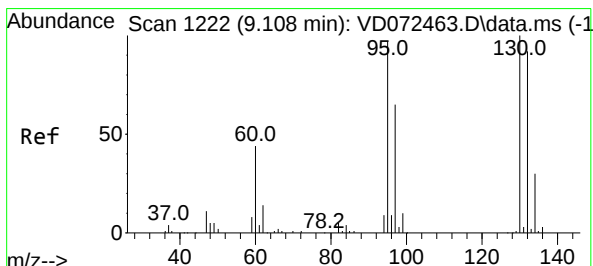
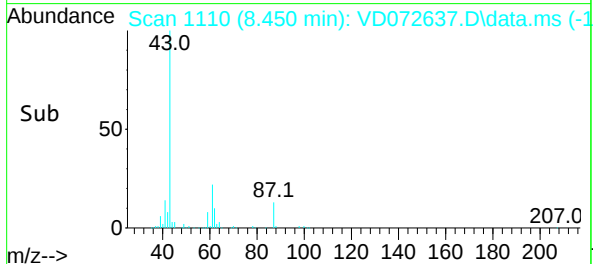
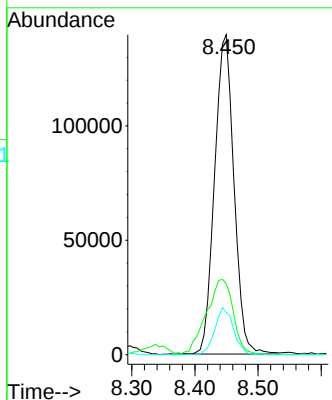
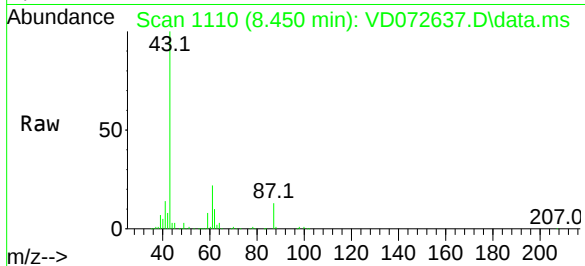




#43
Isopropyl Acetate
Concen: 62.492 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

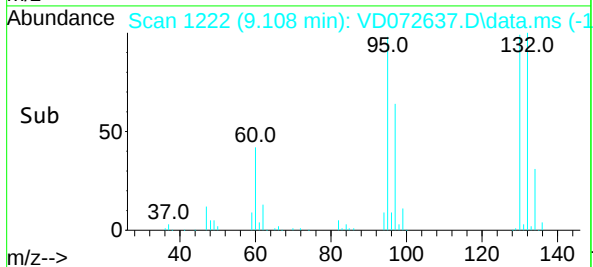
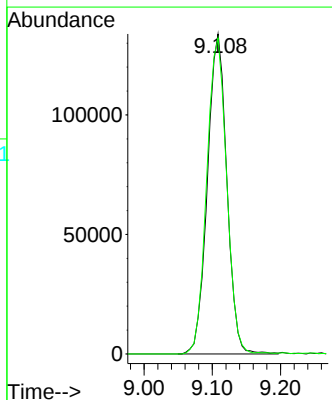
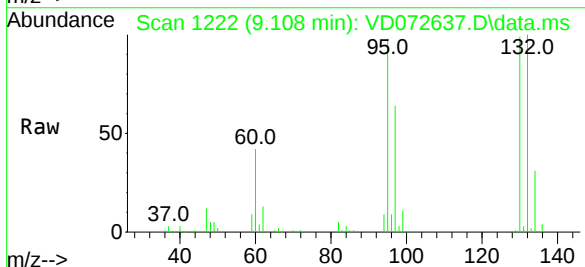
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

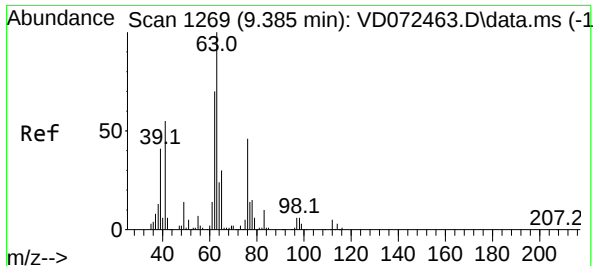
Tgt Ion: 43 Resp: 297678
Ion Ratio Lower Upper
43 100
61 32.7 22.4 33.6
87 14.2 8.7 13.1#



#44
Trichloroethene
Concen: 57.139 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion:130 Resp: 265509
Ion Ratio Lower Upper
130 100
95 98.7 0.0 205.4





#45

1,2-Dichloropropane

Concen: 59.106 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

Instrument :

MSVOA_D

ClientSampleId :

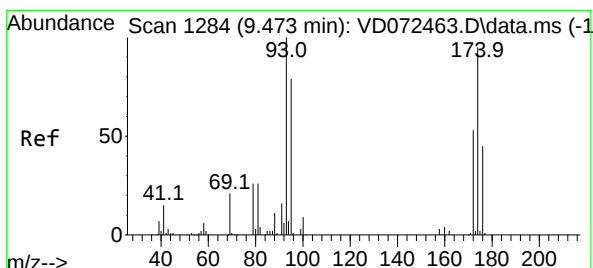
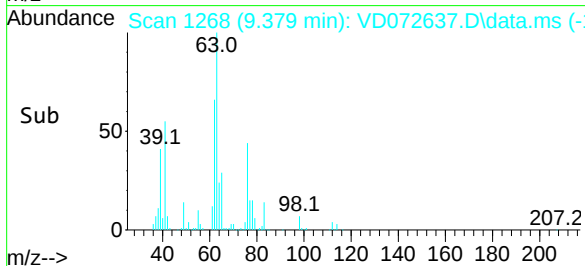
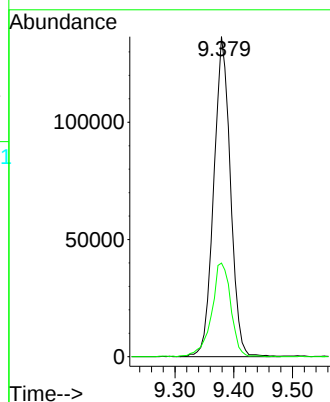
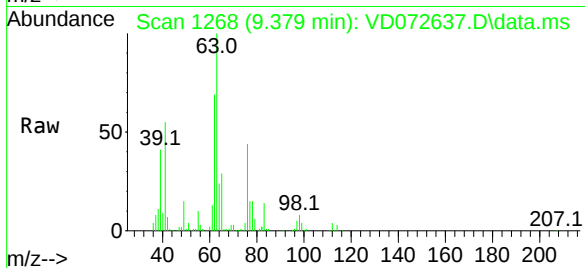
VSTDCCC050EC

Tgt Ion: 63 Resp: 269115

Ion Ratio Lower Upper

63 100

65 29.2 26.2 39.4



#46

Dibromomethane

Concen: 61.573 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

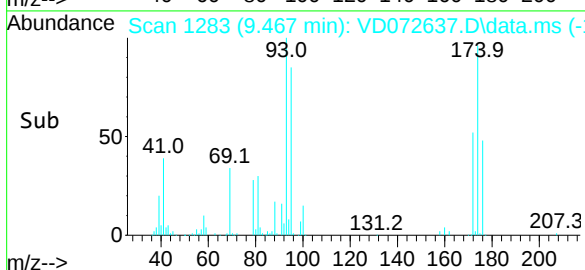
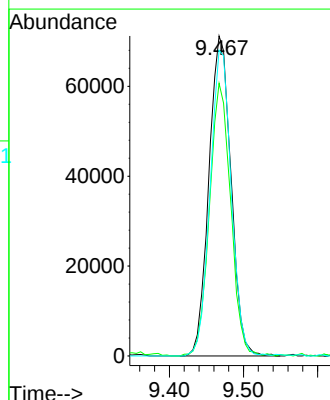
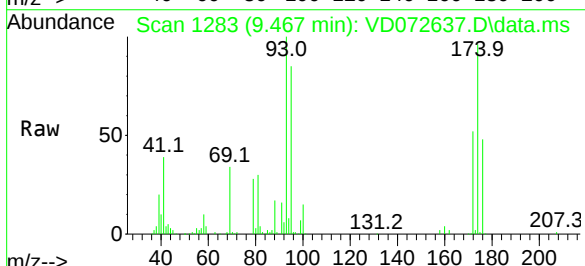
Tgt Ion: 93 Resp: 147084

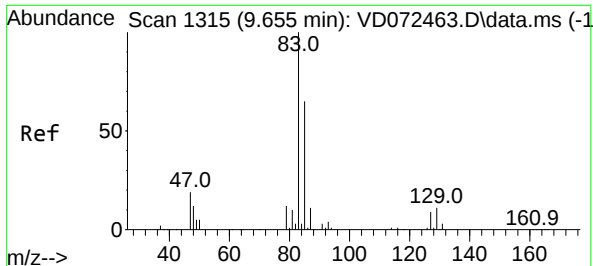
Ion Ratio Lower Upper

93 100

95 81.8 66.7 100.1

174 92.0 71.6 107.4

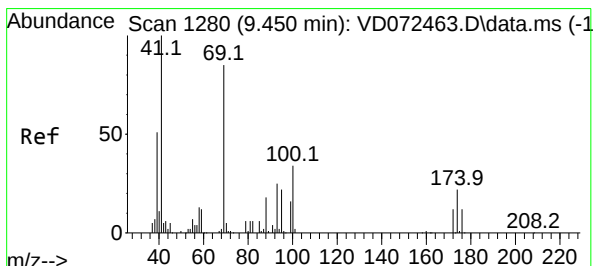
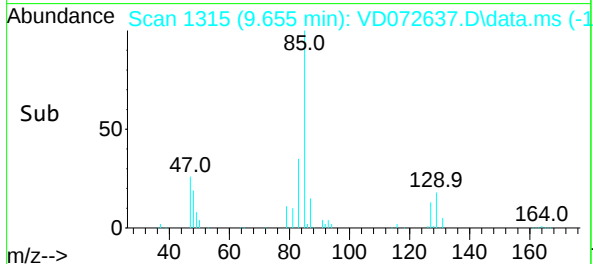
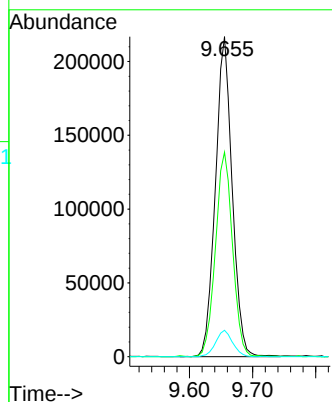
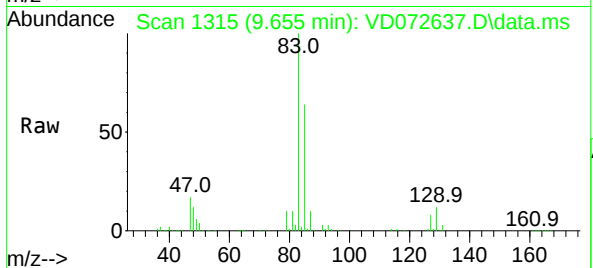




#47
Bromodichloromethane
Concen: 58.274 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

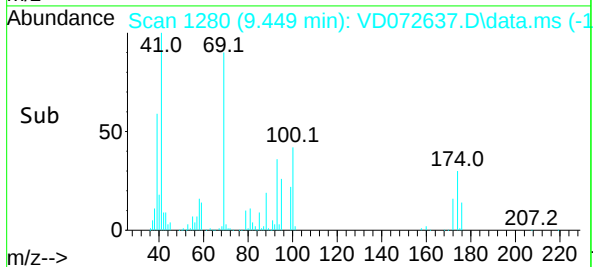
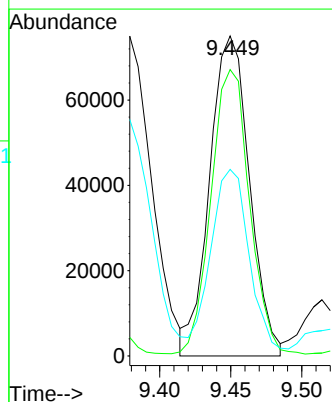
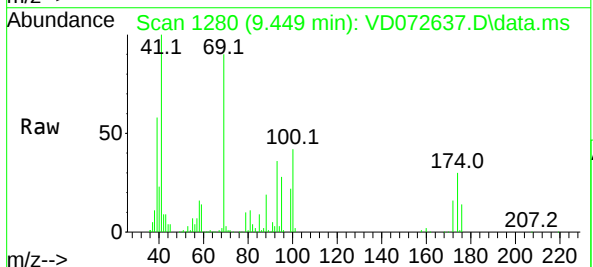
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

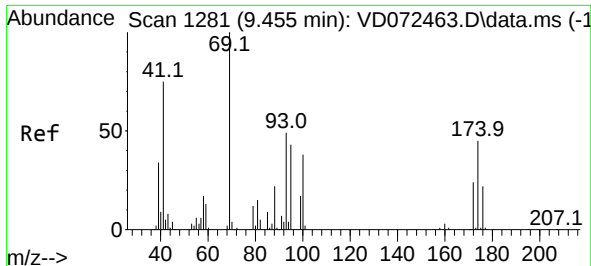
Tgt Ion: 83 Resp: 399916
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.0
127 8.2 6.1 9.1



#48
Methyl methacrylate
Concen: 63.280 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 41 Resp: 146344
Ion Ratio Lower Upper
41 100
69 86.9 56.7 85.1#
39 56.6 42.7 64.1





#49

1,4-Dioxane

Concen: 1242.880 ug/l

RT: 9.461 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

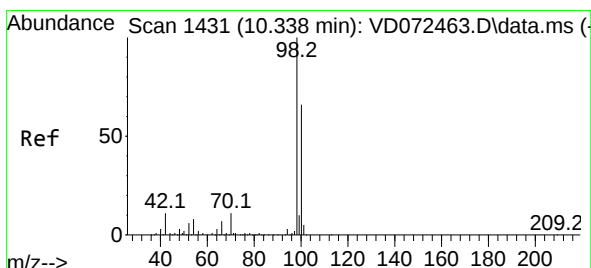
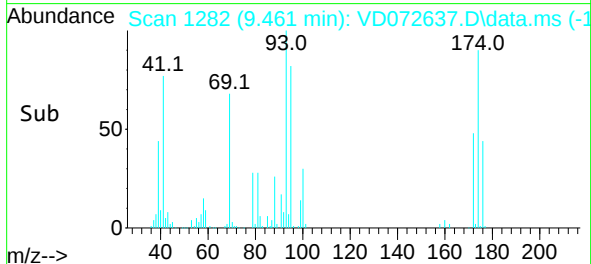
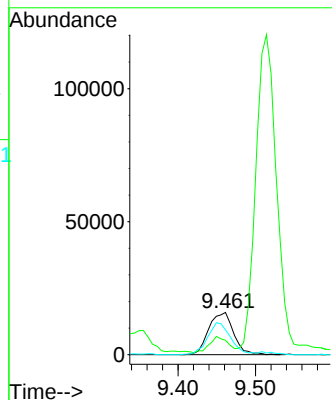
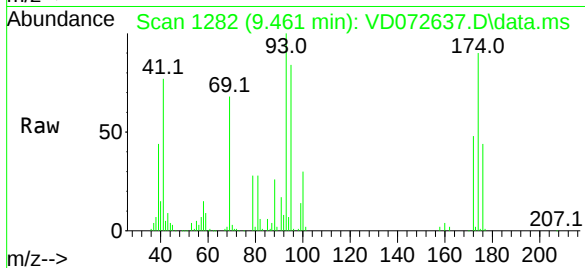
Tgt Ion: 88 Resp: 35317

Ion Ratio Lower Upper

88 100

43 28.3 31.0 46.4#

58 71.0 58.1 87.1



#50

Toluene-d8

Concen: 48.116 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD072637.D

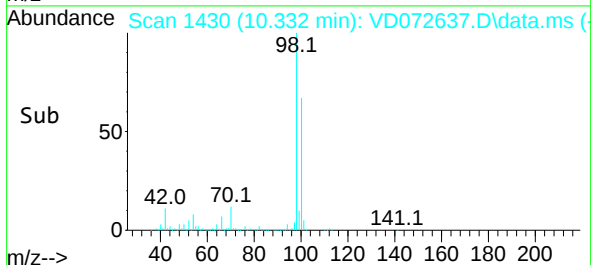
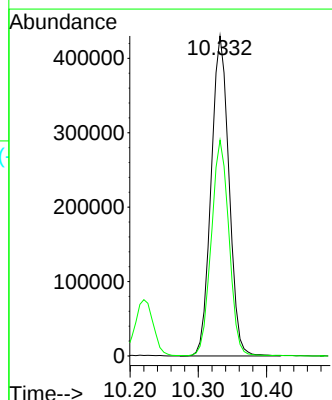
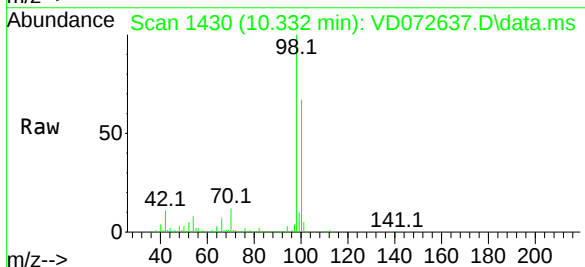
Acq: 19 Apr 2022 21:04

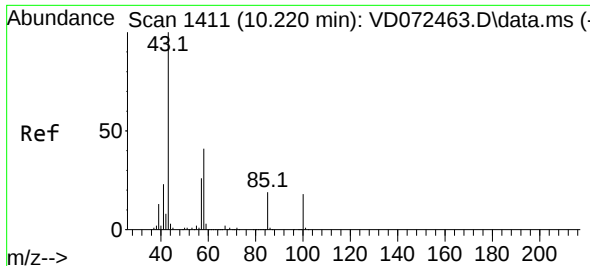
Tgt Ion: 98 Resp: 783851

Ion Ratio Lower Upper

98 100

100 67.1 52.4 78.6

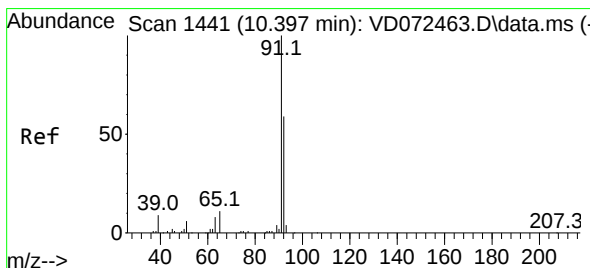
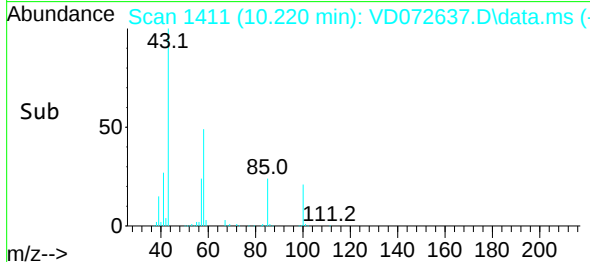
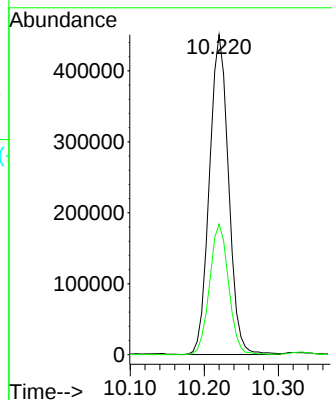
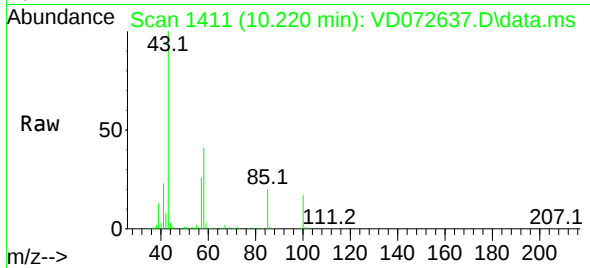




#51
4-Methyl-2-Pentanone
Concen: 316.944 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

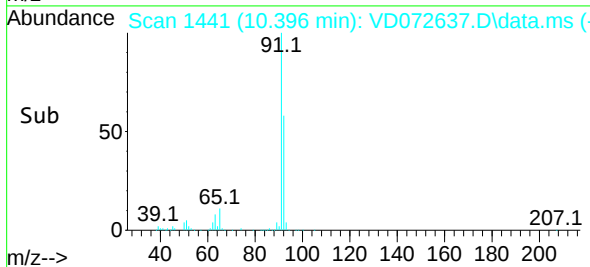
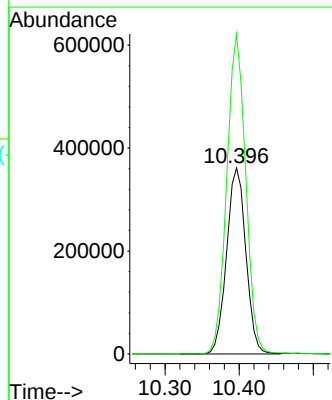
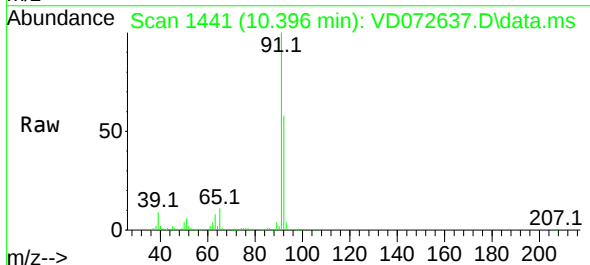
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

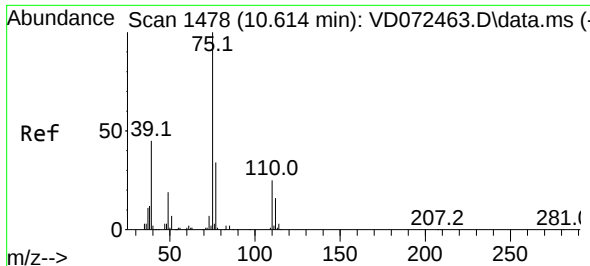
Tgt Ion: 43 Resp: 810093
Ion Ratio Lower Upper
43 100
58 40.6 28.6 43.0



#52
Toluene
Concen: 59.892 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 92 Resp: 651234
Ion Ratio Lower Upper
92 100
91 169.4 139.6 209.4

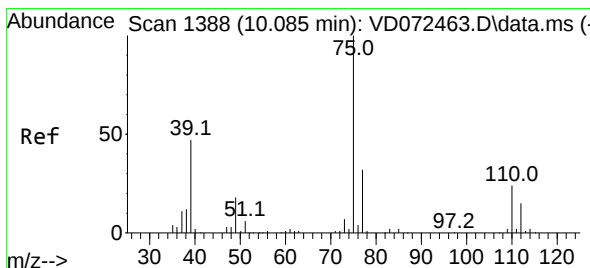
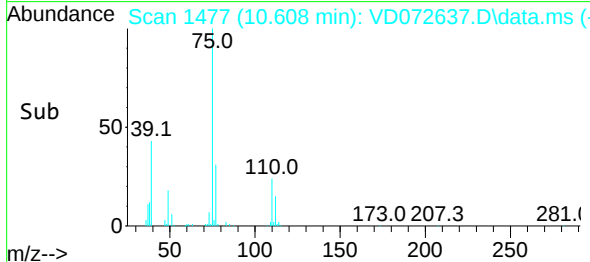
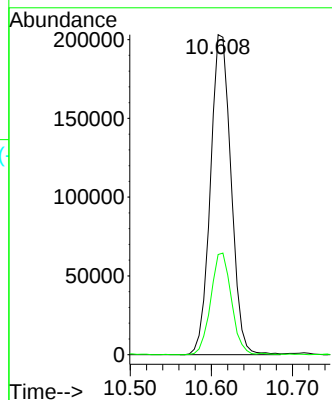
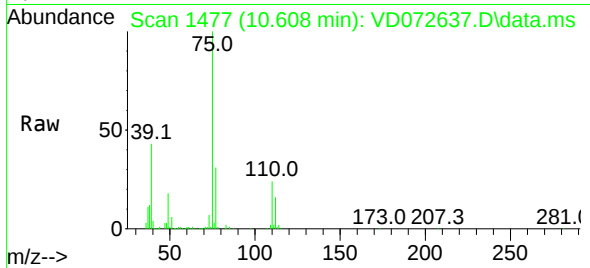




#53
t-1,3-Dichloropropene
Concen: 59.938 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

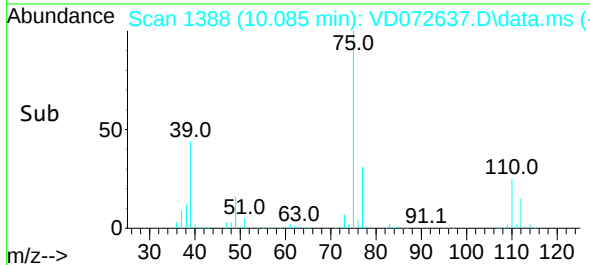
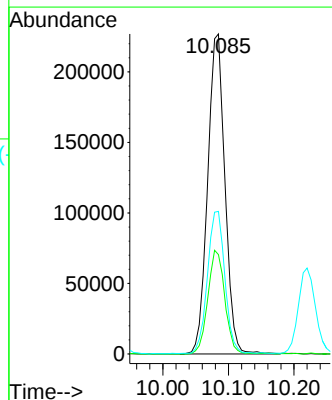
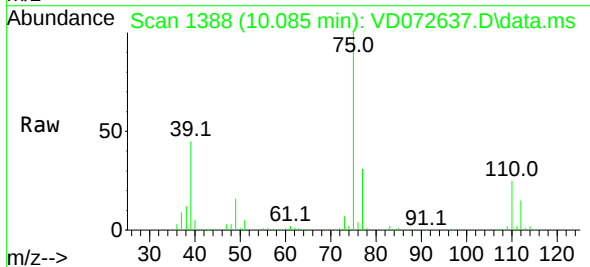
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

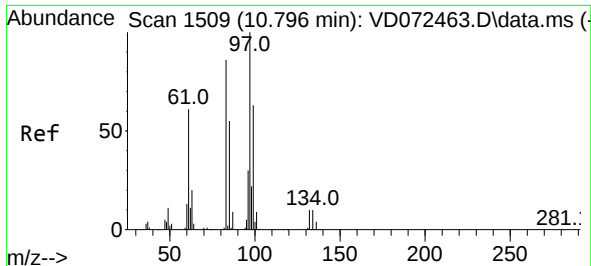
Tgt Ion: 75 Resp: 358442
Ion Ratio Lower Upper
75 100
77 31.3 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 58.850 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 75 Resp: 416095
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 44.4 46.8 70.2#



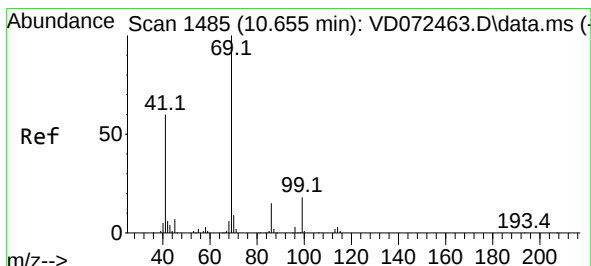
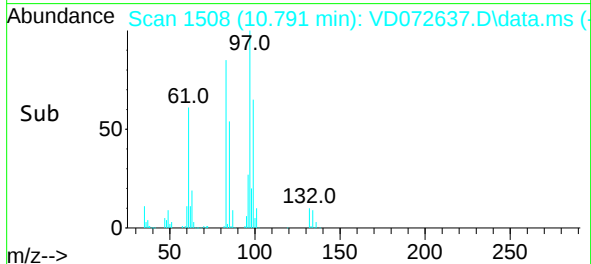
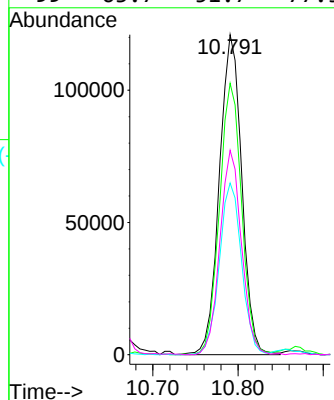
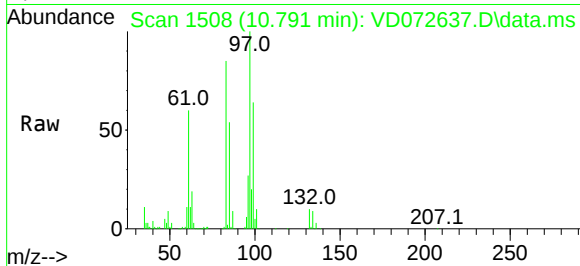


#55
1,1,2-Trichloroethane
Concen: 60.900 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 220546

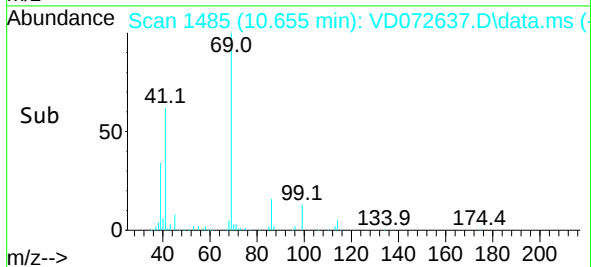
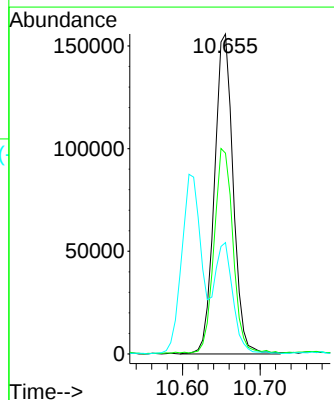
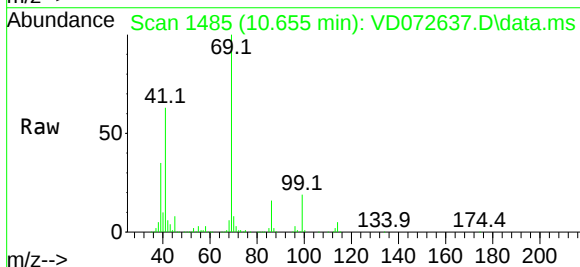
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.0	103.4
85	53.7	42.6	63.8
99	63.7	51.7	77.5

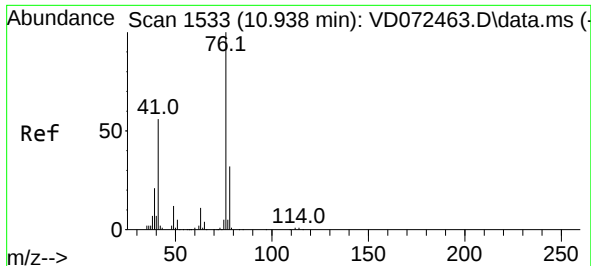


#56
Ethyl methacrylate
Concen: 58.609 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 69 Resp: 261911

Ion	Ratio	Lower	Upper
69	100		
41	66.2	63.0	94.6
39	34.5	33.8	50.8





#57

1,3-Dichloropropane

Concen: 59.278 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

Instrument :

MSVOA_D

ClientSampleId :

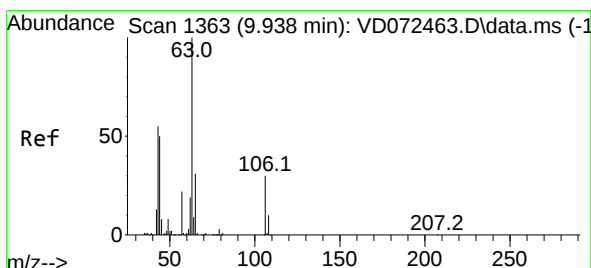
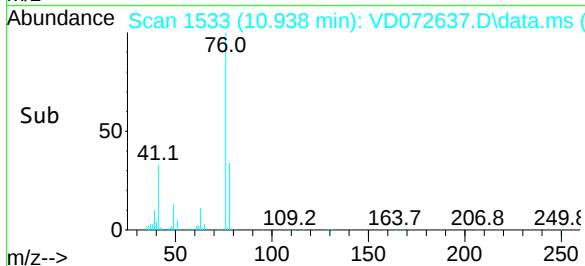
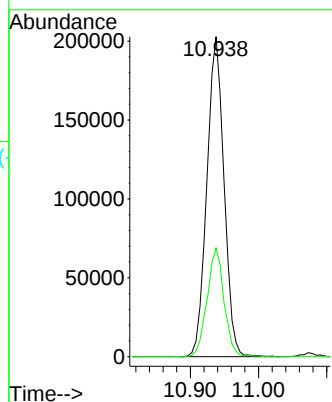
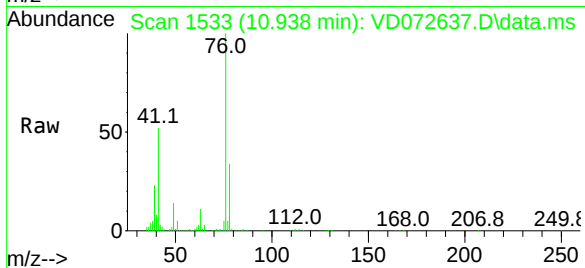
VSTDCCC050EC

Tgt Ion: 76 Resp: 354892

Ion Ratio Lower Upper

76 100

78 33.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 276.951 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD072637.D

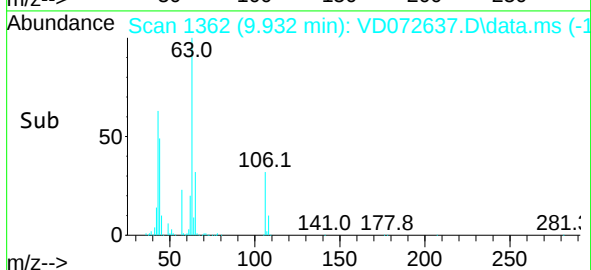
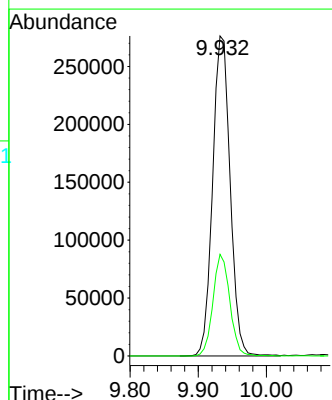
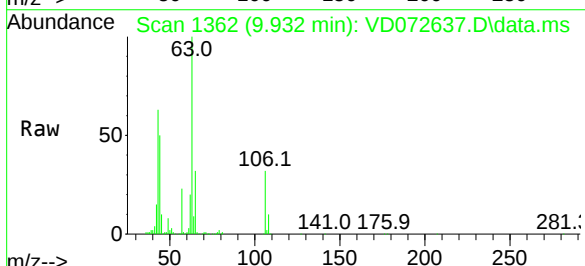
Acq: 19 Apr 2022 21:04

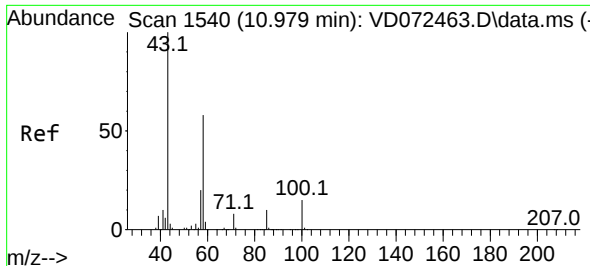
Tgt Ion: 63 Resp: 495164

Ion Ratio Lower Upper

63 100

106 30.5 21.4 32.0

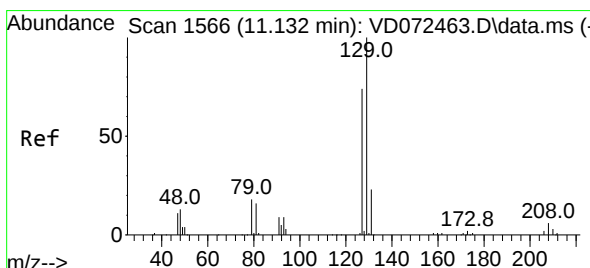
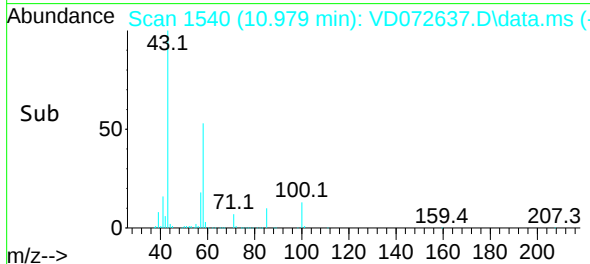
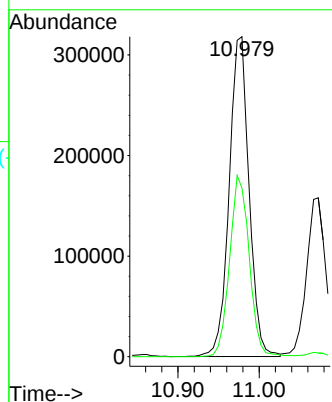
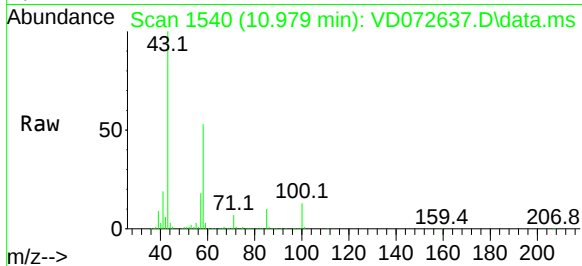




#59
2-Hexanone
Concen: 310.983 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

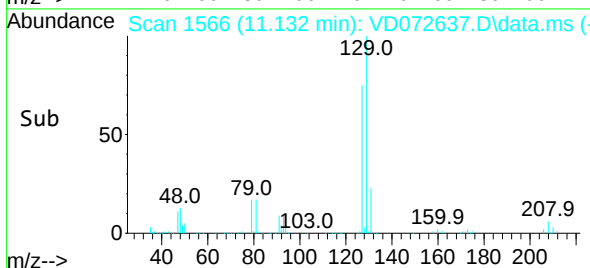
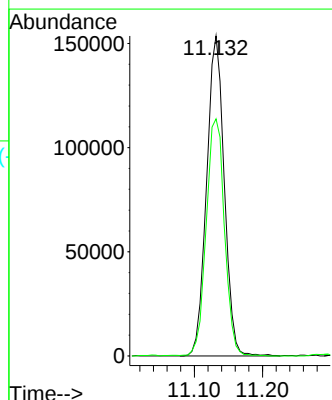
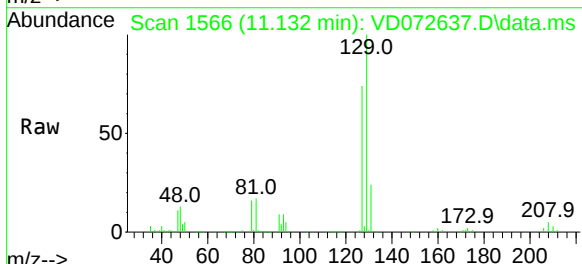
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

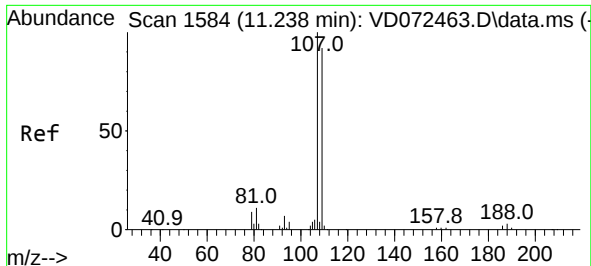
Tgt Ion: 43 Resp: 540518
Ion Ratio Lower Upper
43 100
58 55.9 25.3 75.9



#60
Dibromochloromethane
Concen: 59.258 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion:129 Resp: 276820
Ion Ratio Lower Upper
129 100
127 76.9 39.2 117.6

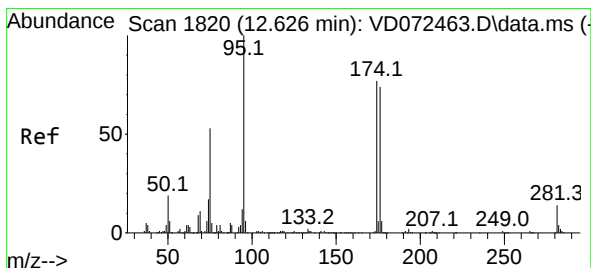
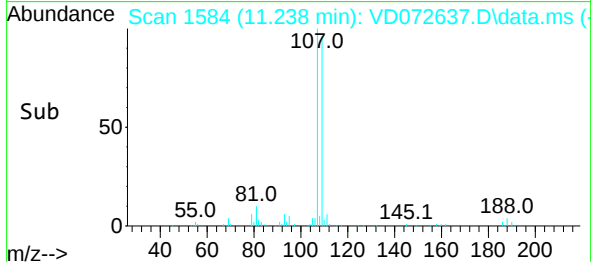
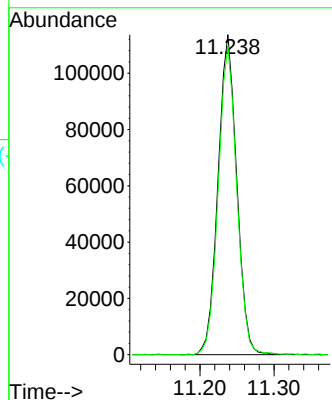
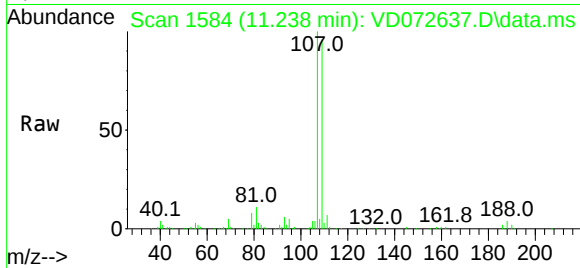




#61
1,2-Dibromoethane
Concen: 62.125 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

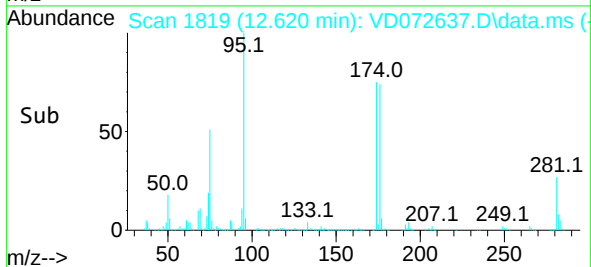
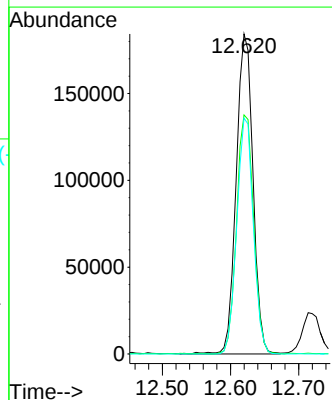
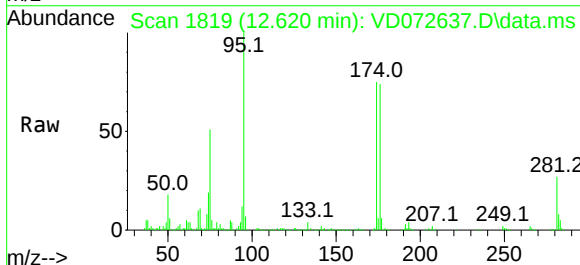
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

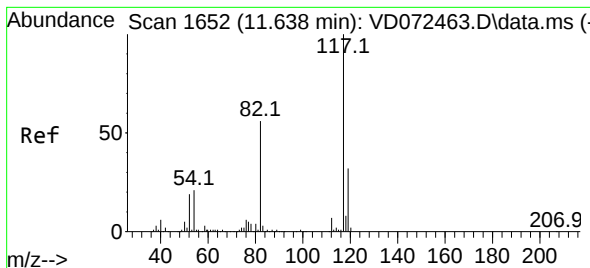
Tgt Ion:107 Resp: 199753
Ion Ratio Lower Upper
107 100
109 95.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.570 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 95 Resp: 315384
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 72.4 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

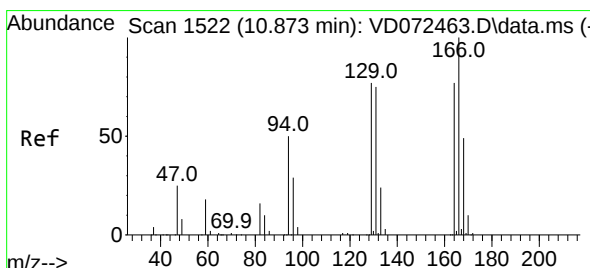
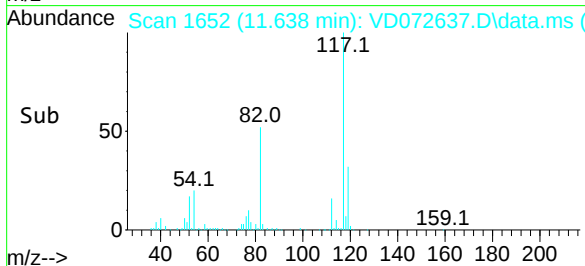
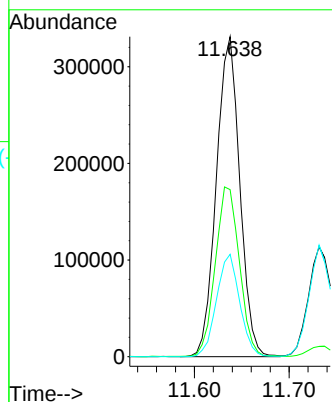
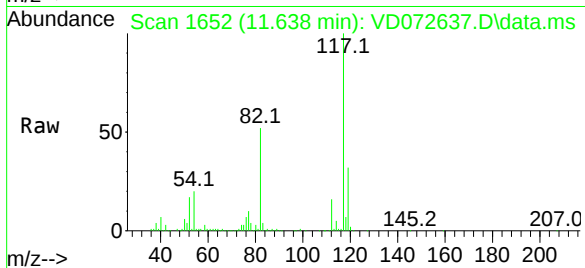
Tgt Ion:117 Resp: 569411

Ion Ratio Lower Upper

117 100

82 52.1 45.3 67.9

119 32.0 26.6 40.0



#64

Tetrachloroethene

Concen: 56.161 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.006 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

Tgt Ion:164 Resp: 208935

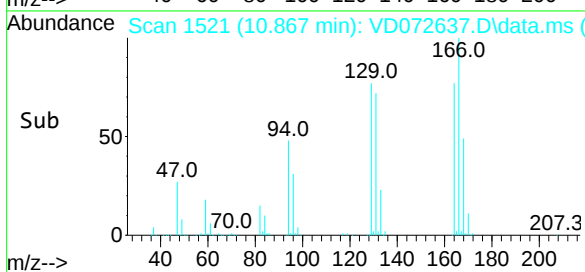
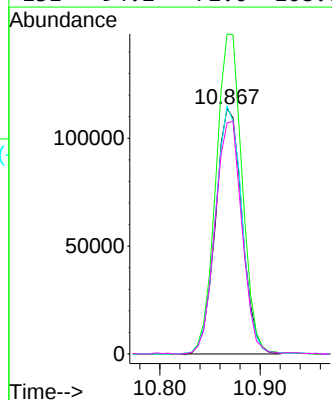
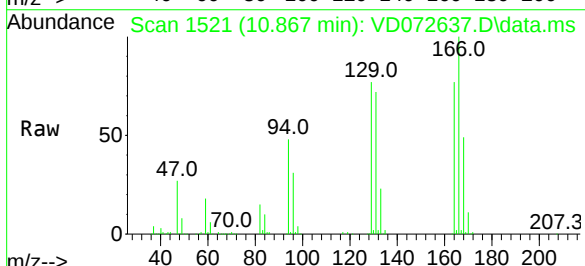
Ion Ratio Lower Upper

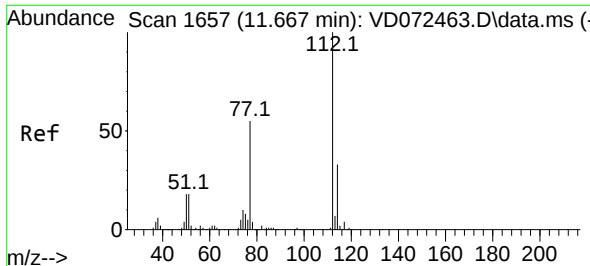
164 100

166 130.4 98.5 147.7

129 100.9 74.6 111.8

131 94.2 72.0 108.0

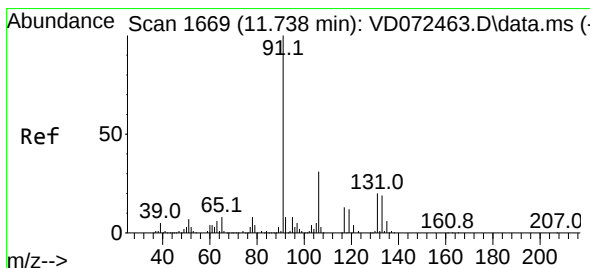
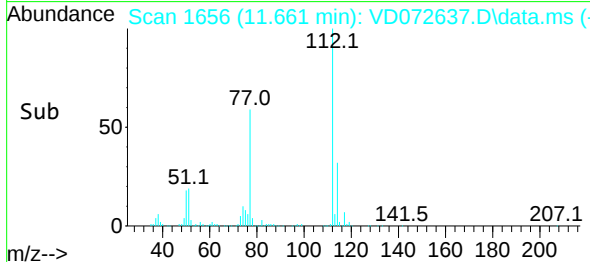
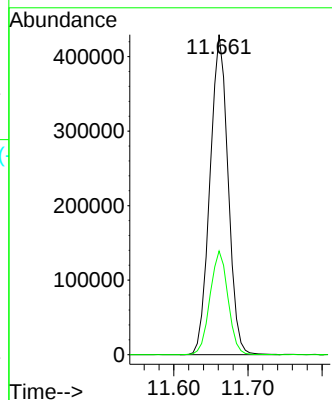
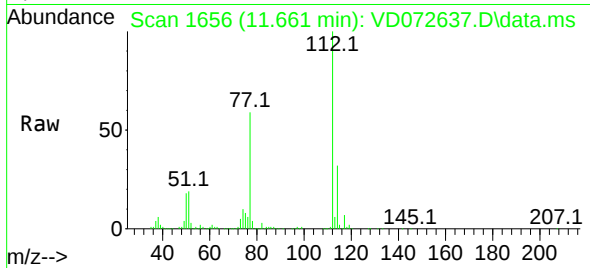




#65
Chlorobenzene
Concen: 57.185 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

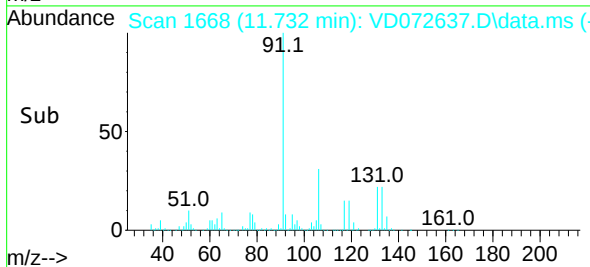
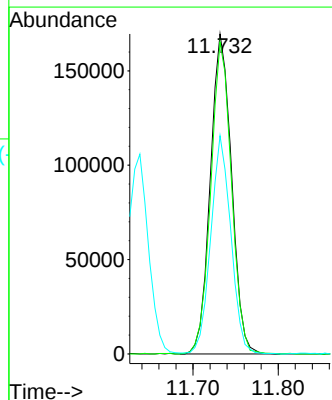
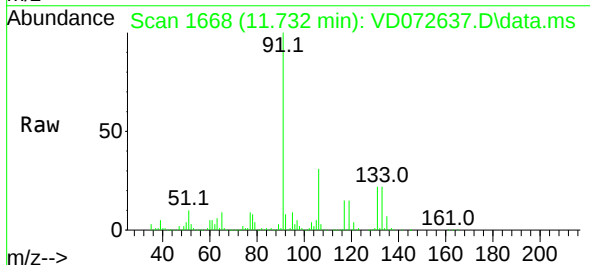
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

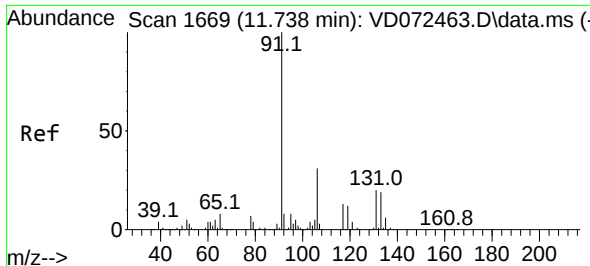
Tgt Ion:112 Resp: 727998
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 57.515 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion:131 Resp: 292736
Ion Ratio Lower Upper
131 100
133 95.0 48.1 144.3
119 64.8 31.9 95.9





#67

Ethyl Benzene

Concen: 57.783 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

Instrument :

MSVOA_D

ClientSampleId :

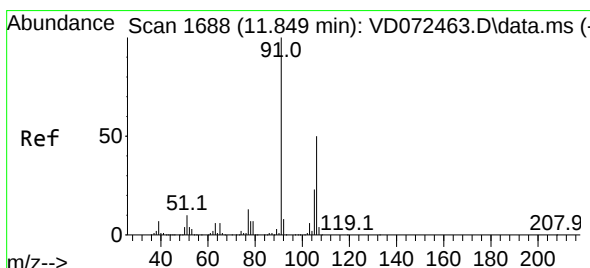
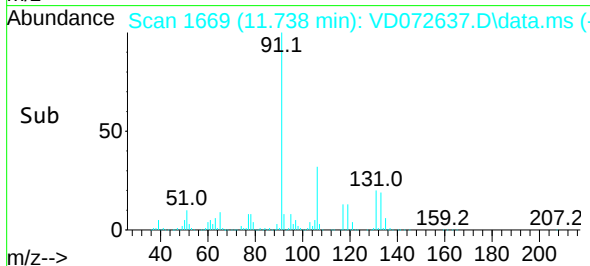
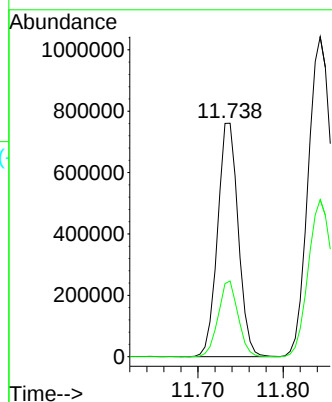
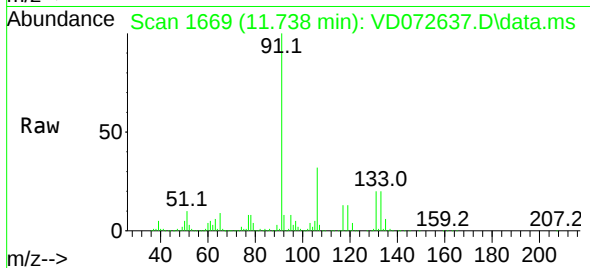
VSTDCCC050EC

Tgt Ion: 91 Resp: 1283562

Ion Ratio Lower Upper

91 100

106 32.4 24.2 36.4



#68

m/p-Xylenes

Concen: 117.813 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.006 min

Lab File: VD072637.D

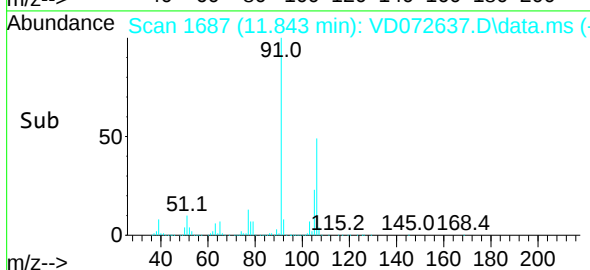
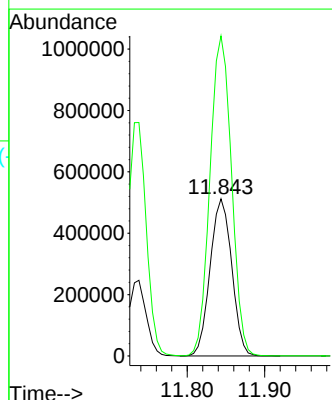
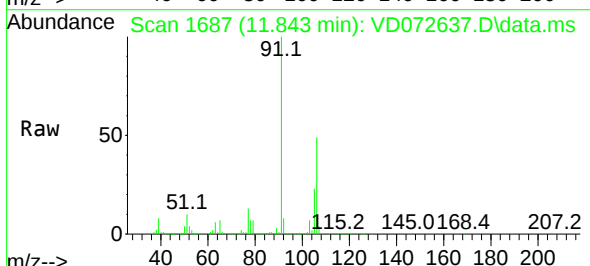
Acq: 19 Apr 2022 21:04

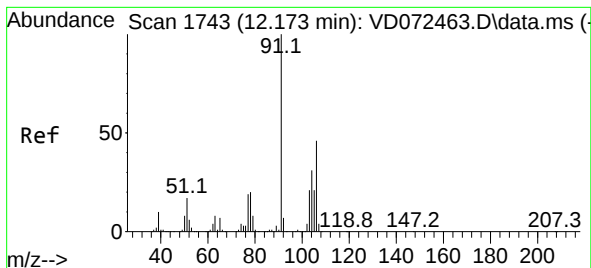
Tgt Ion:106 Resp: 992855

Ion Ratio Lower Upper

106 100

91 202.8 163.7 245.5

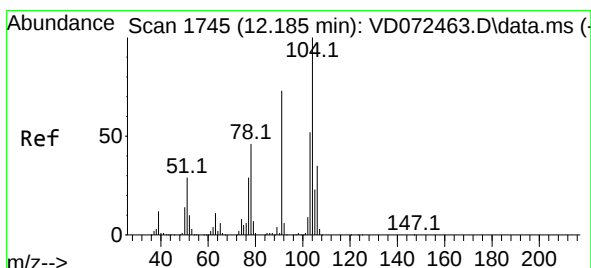
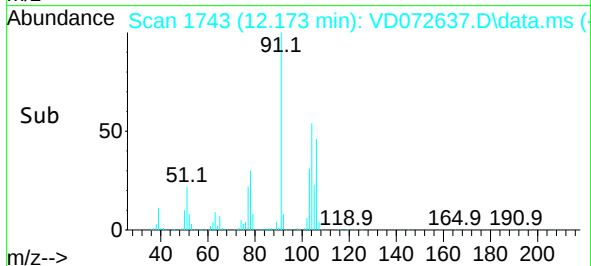
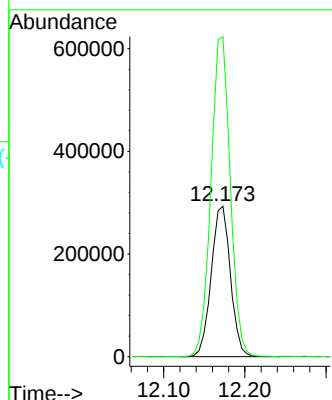
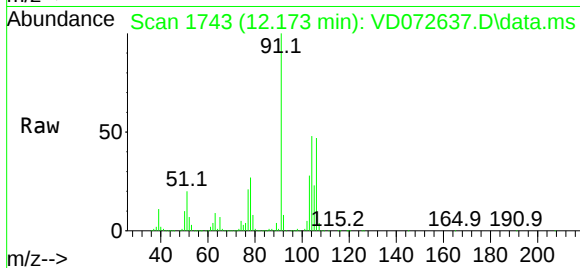




#69
o-Xylene
Concen: 59.170 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

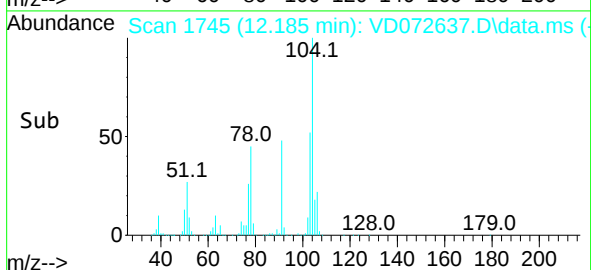
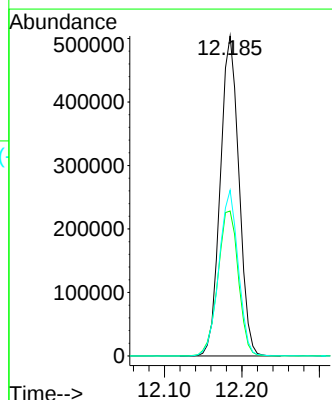
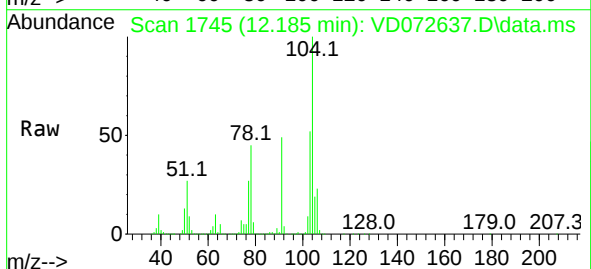
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

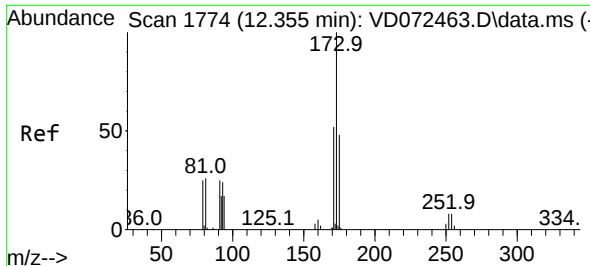
Tgt Ion:106 Resp: 481115
Ion Ratio Lower Upper
106 100
91 213.7 110.4 331.2



#70
Styrene
Concen: 58.906 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion:104 Resp: 844138
Ion Ratio Lower Upper
104 100
78 49.9 41.8 62.8
103 53.5 44.2 66.4

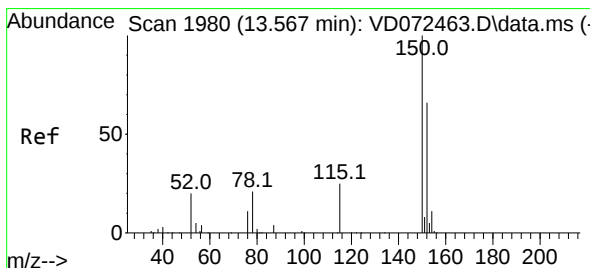
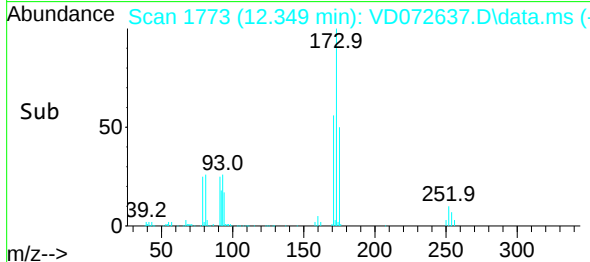
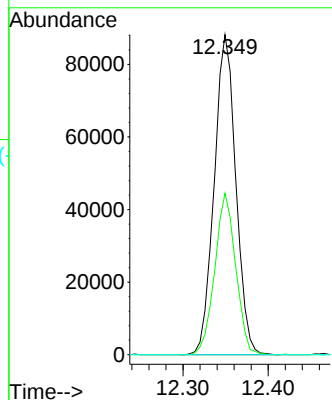
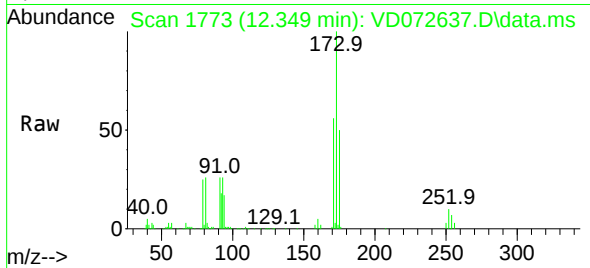




#71
Bromoform
Concen: 57.595 ug/l
RT: 12.349 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

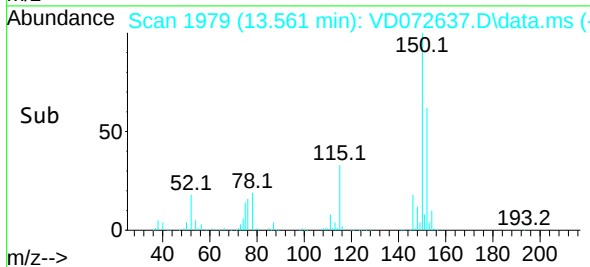
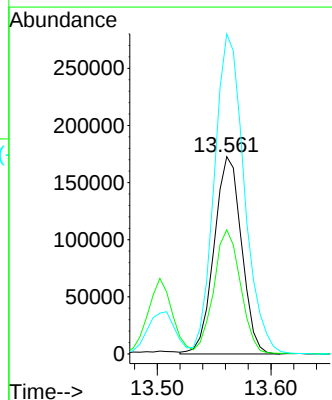
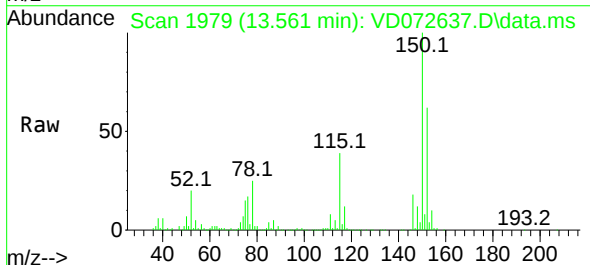
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

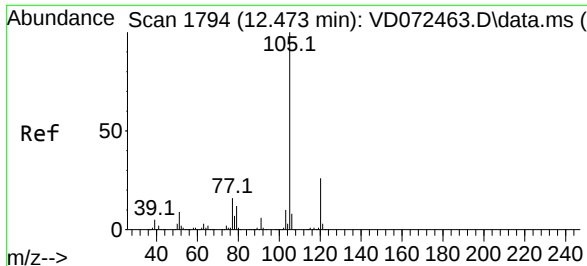
Tgt Ion:173 Resp: 155401
Ion Ratio Lower Upper
173 100
175 48.9 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion:152 Resp: 289753
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 177.3 0.0 348.6

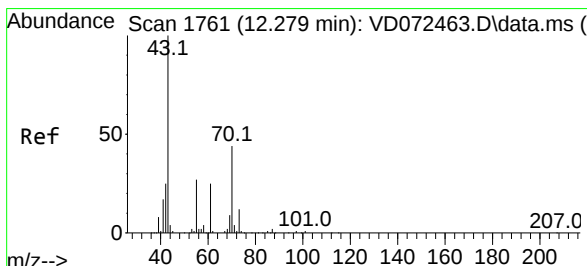
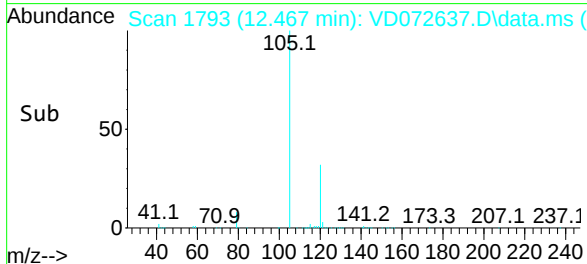
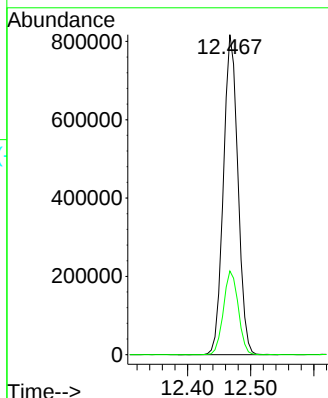
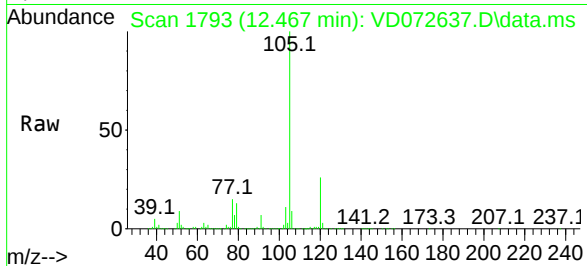




#73
Isopropylbenzene
Concen: 55.710 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

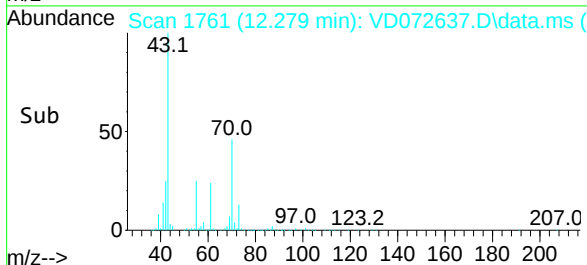
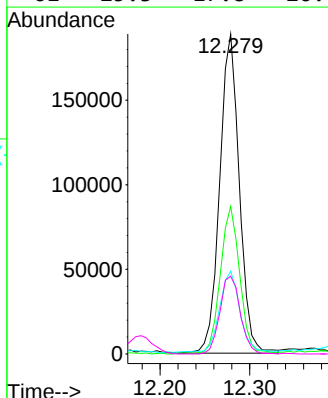
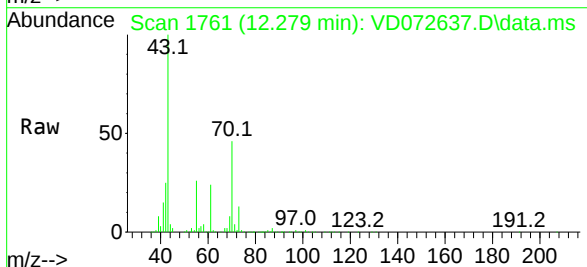
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

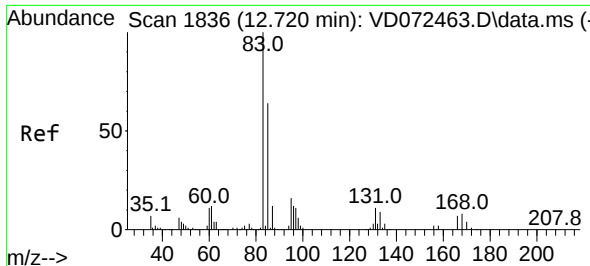
Tgt Ion:105 Resp: 1303648
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9



#74
N-ethyl acetate
Concen: 58.410 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 43 Resp: 286789
Ion Ratio Lower Upper
43 100
70 44.8 31.3 46.9
55 27.0 20.0 30.0
61 25.3 17.8 26.8

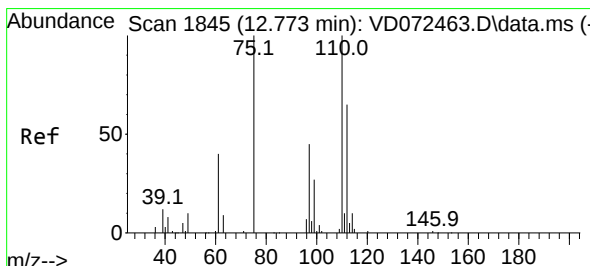
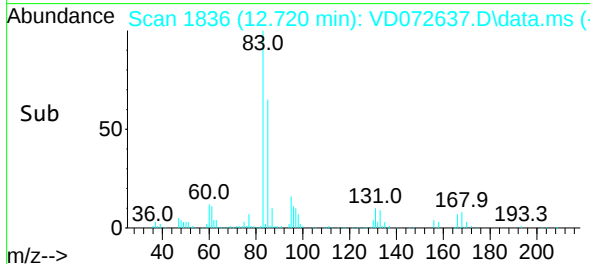
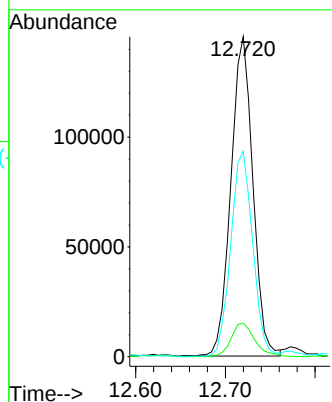
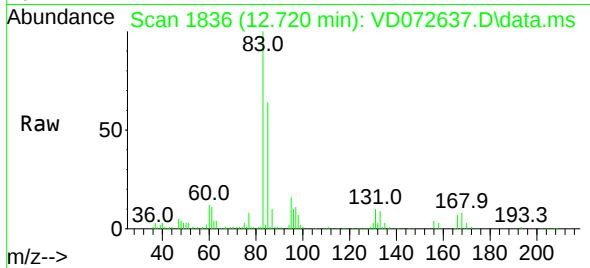




#75
1,1,2,2-Tetrachloroethane
Concen: 55.819 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

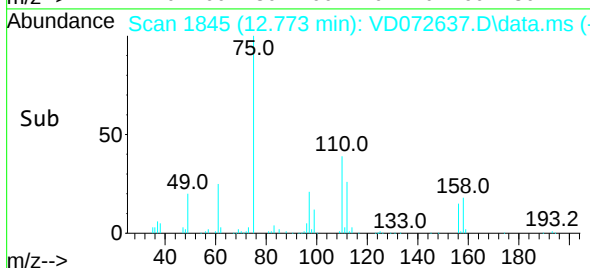
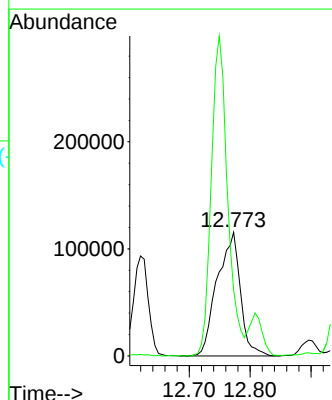
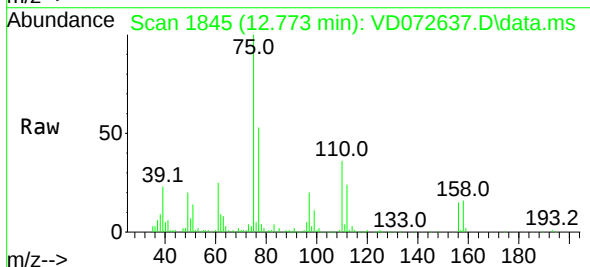
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

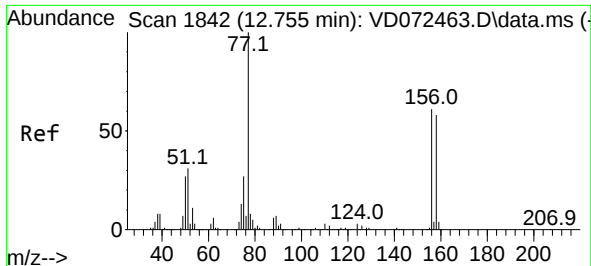
Tgt Ion: 83 Resp: 247409
Ion Ratio Lower Upper
83 100
131 11.4 5.0 14.9
85 64.7 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 96.665 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 75 Resp: 305483
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

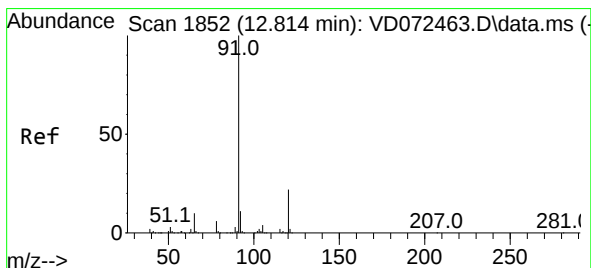
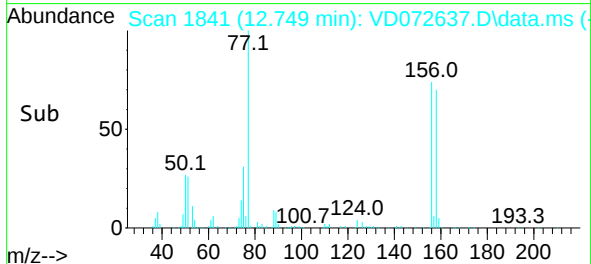
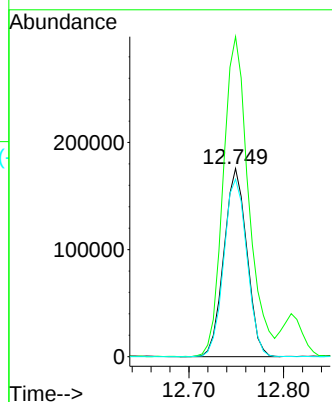
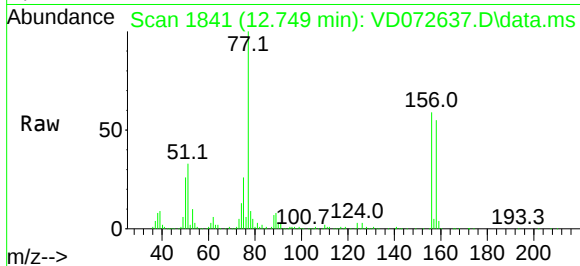




#77
Bromobenzene
Concen: 56.508 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

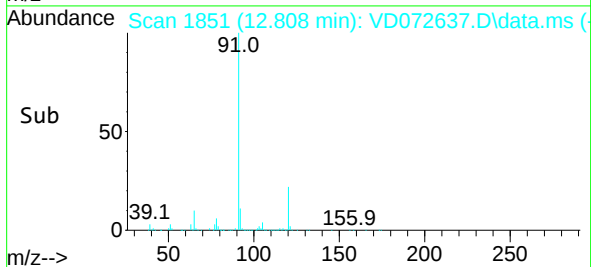
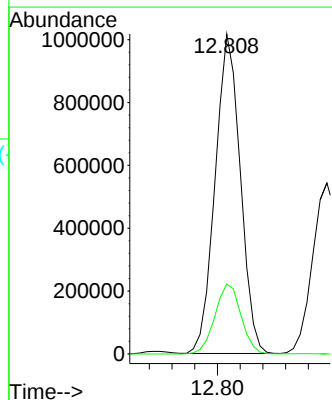
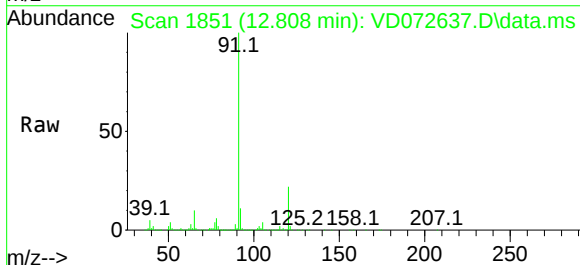
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

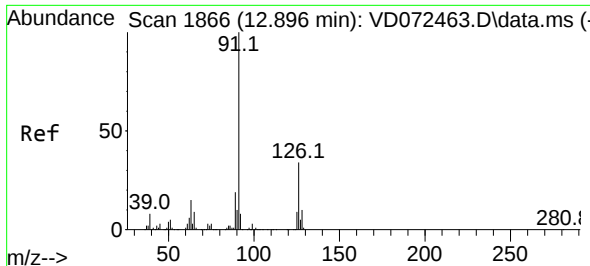
Tgt Ion:156 Resp: 296384
Ion Ratio Lower Upper
156 100
77 188.6 102.8 308.3
158 95.3 48.7 146.1



#78
n-propylbenzene
Concen: 55.413 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 91 Resp: 1564289
Ion Ratio Lower Upper
91 100
120 22.7 10.9 32.9

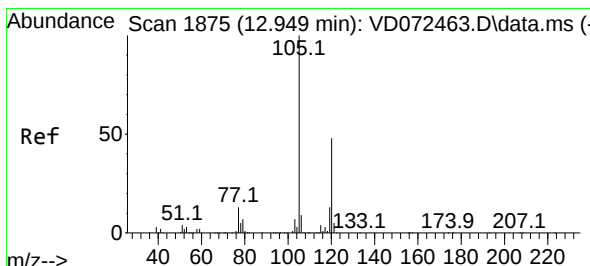
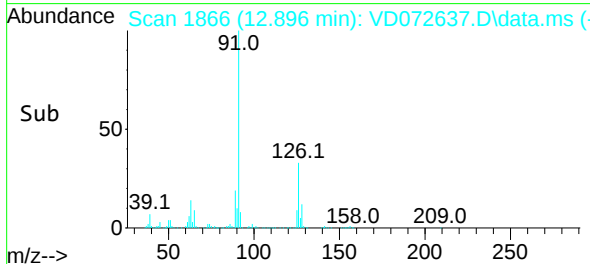
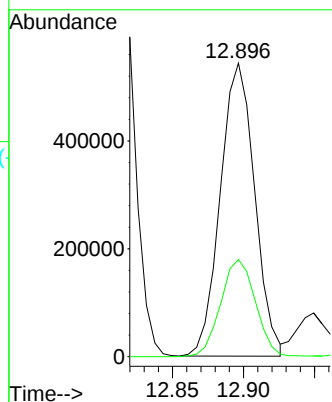
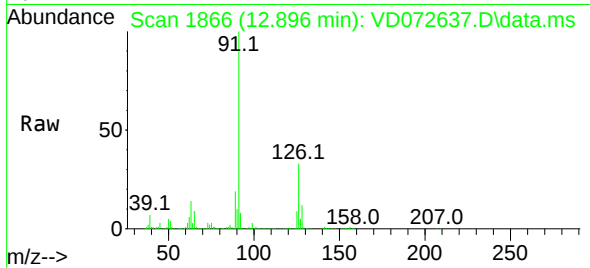




#79
2-Chlorotoluene
Concen: 55.384 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

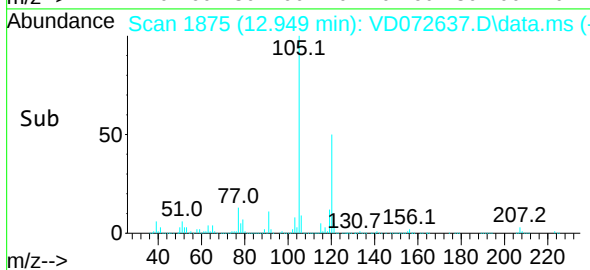
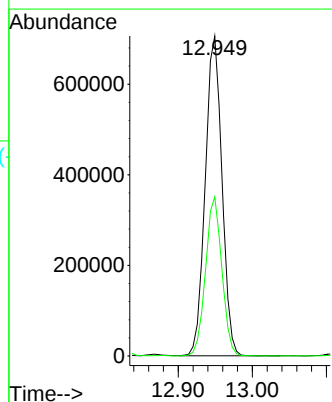
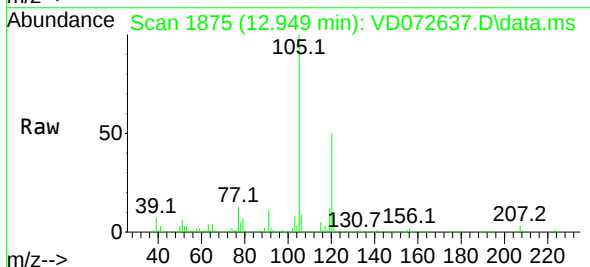
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

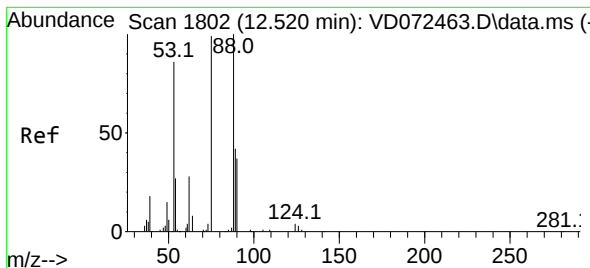
Tgt Ion: 91 Resp: 914357
Ion Ratio Lower Upper
91 100
126 33.6 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 55.217 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 105 Resp: 1106630
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8

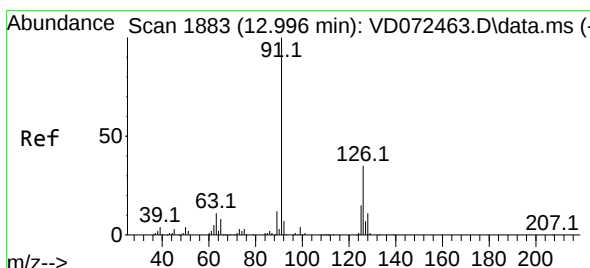
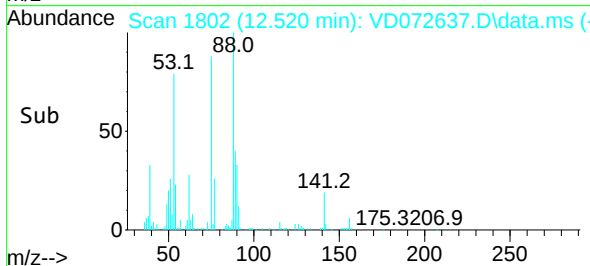
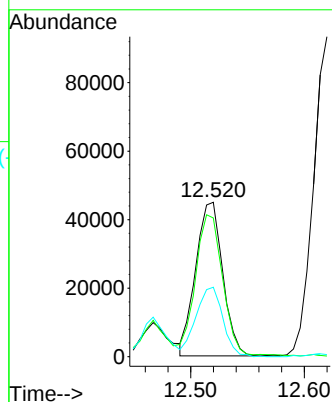
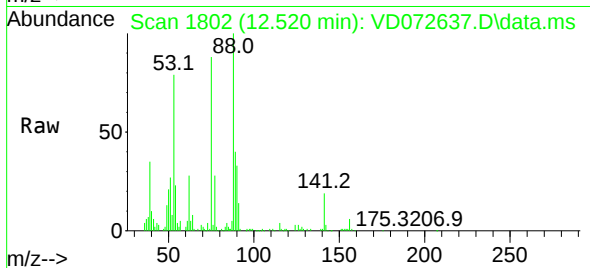




#81
trans-1,4-Dichloro-2-butene
Concen: 57.768 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

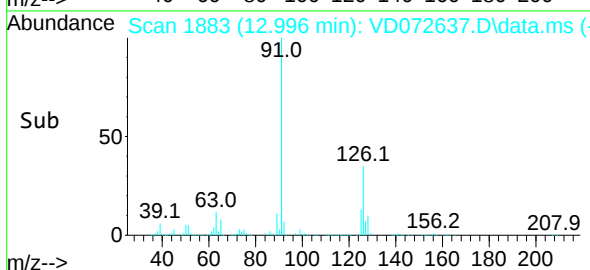
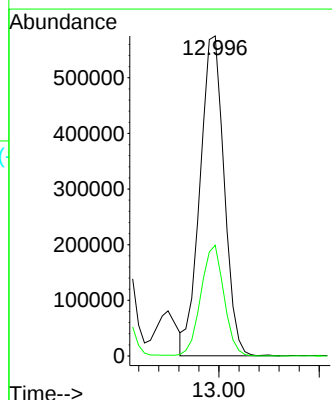
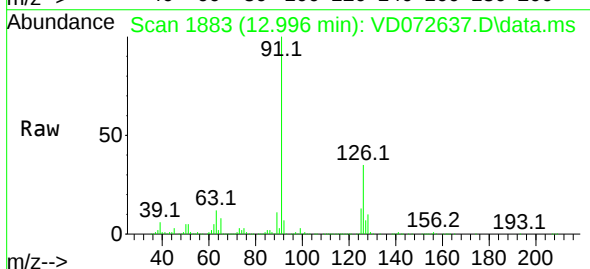
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

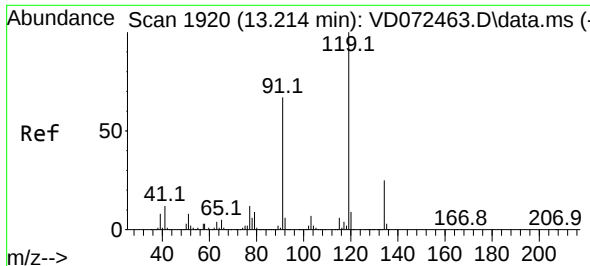
Tgt Ion: 75 Resp: 74398
Ion Ratio Lower Upper
75 100
53 93.9 86.5 129.7
89 45.0 33.9 50.9



#82
4-Chlorotoluene
Concen: 55.875 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 91 Resp: 960712
Ion Ratio Lower Upper
91 100
126 33.2 16.5 49.5

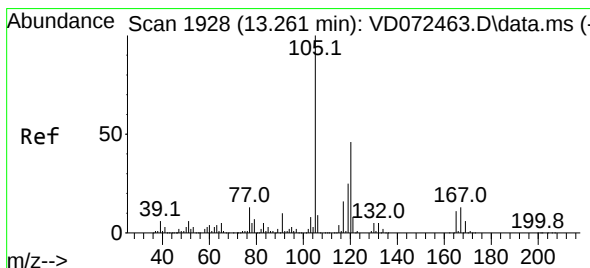
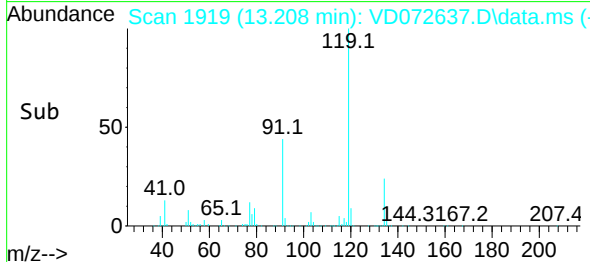
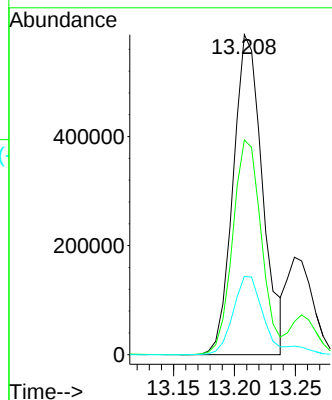
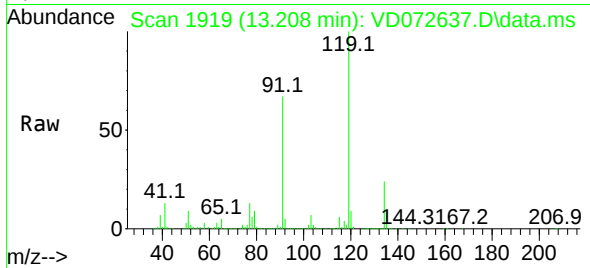




#83
tert-Butylbenzene
Concen: 56.846 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

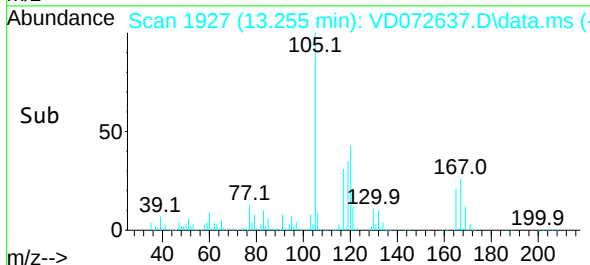
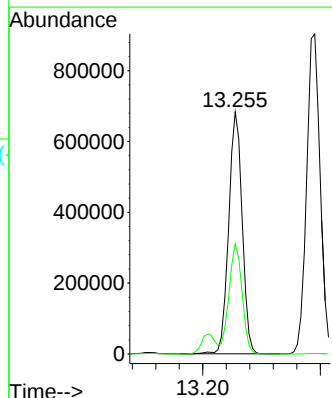
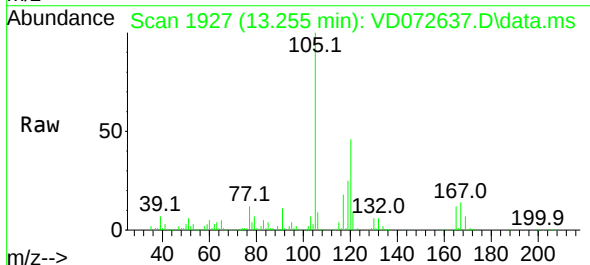
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

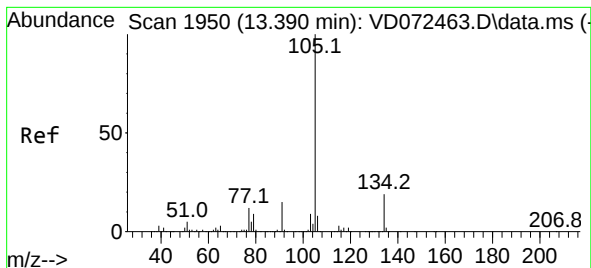
Tgt Ion:119 Resp: 986300
Ion Ratio Lower Upper
119 100
91 65.4 34.8 104.5
134 26.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 55.329 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion:105 Resp: 1084337
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.8

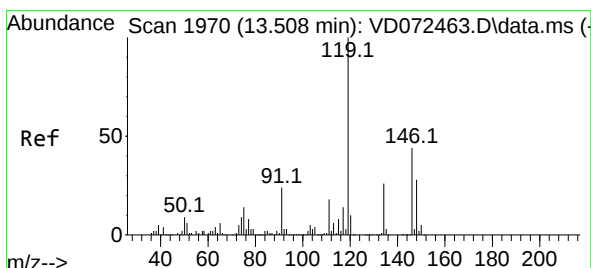
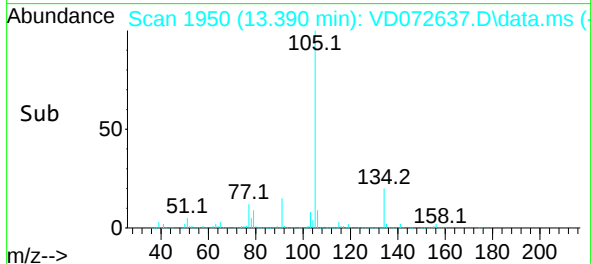
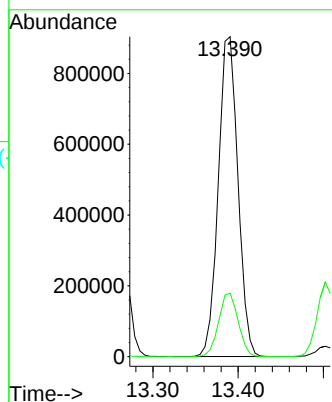
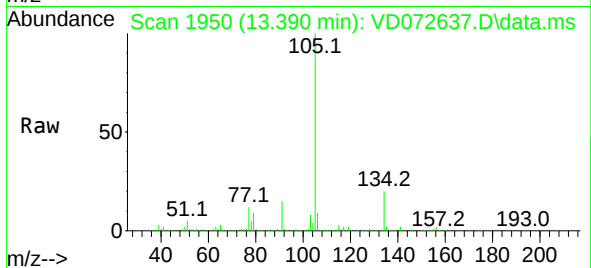




#85
 sec-Butylbenzene
 Concen: 55.301 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072637.D
 Acq: 19 Apr 2022 21:04

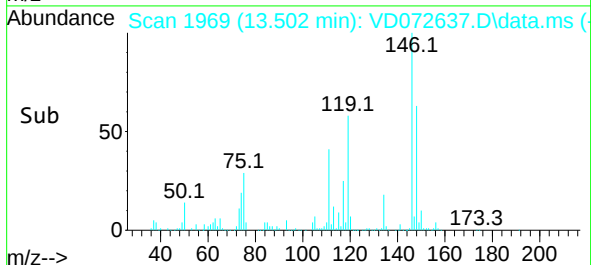
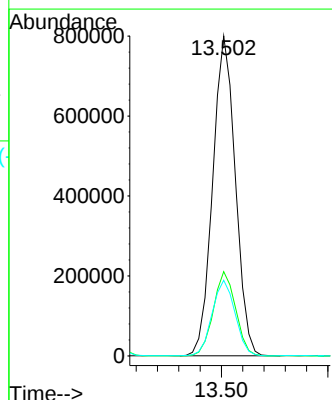
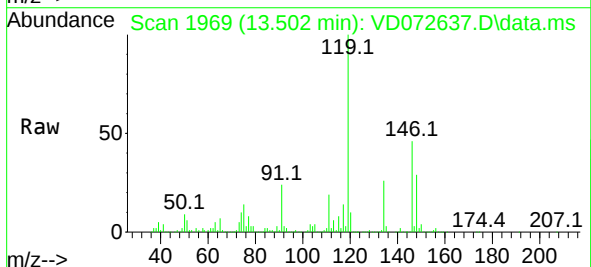
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

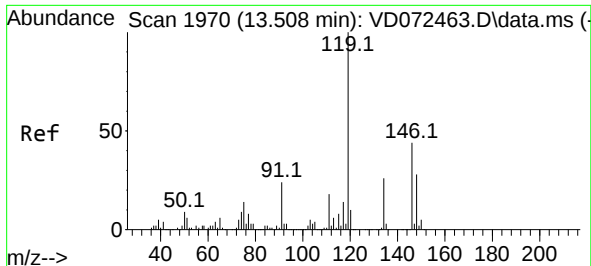
Tgt Ion:105 Resp: 1445245
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 55.277 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072637.D
 Acq: 19 Apr 2022 21:04

Tgt Ion:119 Resp: 1180810
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.6
 91 23.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 55.024 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

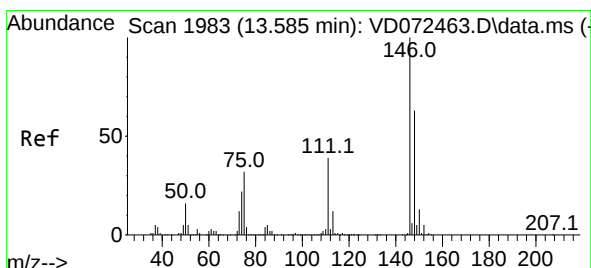
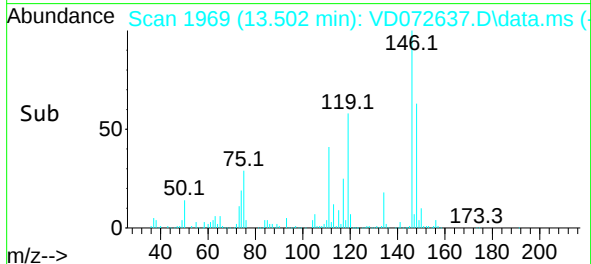
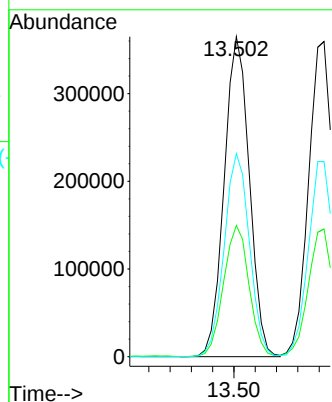
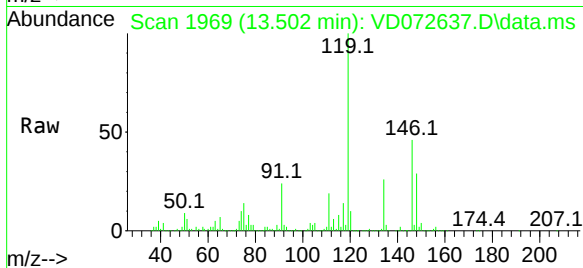
Tgt Ion:146 Resp: 598015

Ion Ratio Lower Upper

146 100

111 41.4 20.4 61.3

148 63.9 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 53.900 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

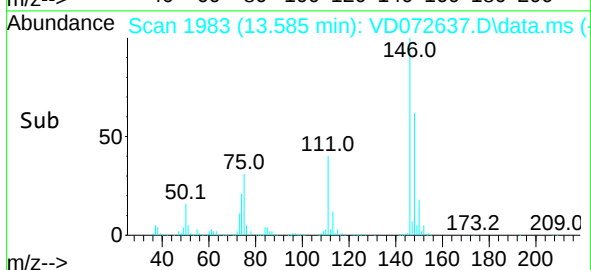
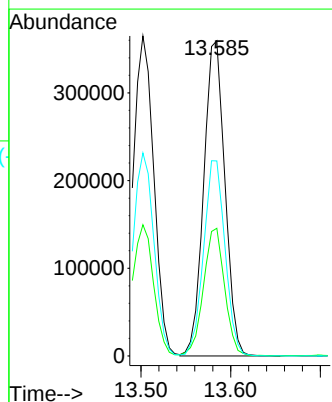
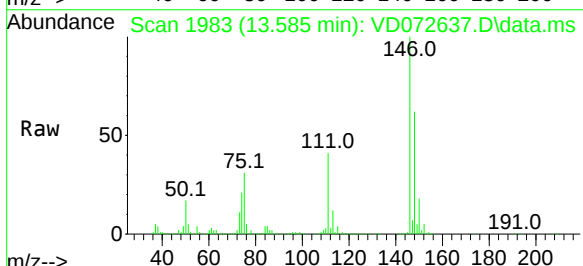
Tgt Ion:146 Resp: 590414

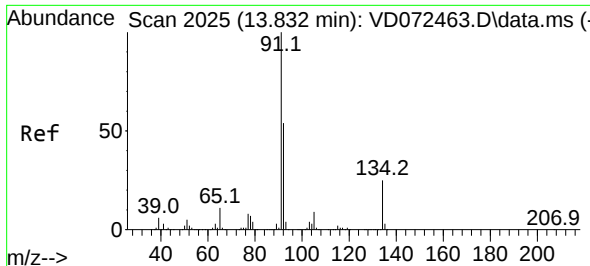
Ion Ratio Lower Upper

146 100

111 40.1 20.3 60.9

148 62.8 31.7 95.1

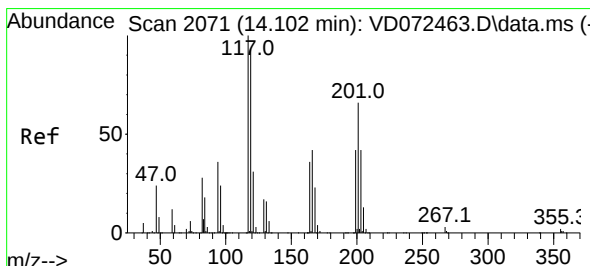
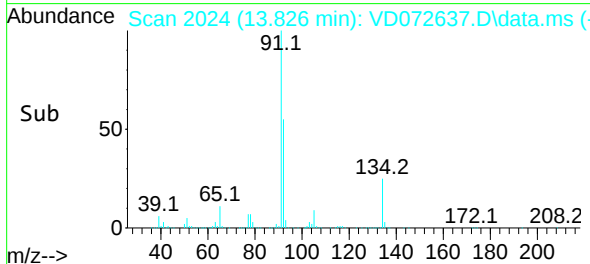
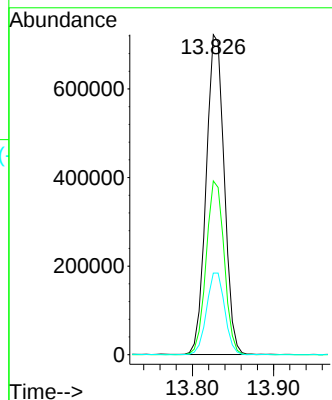
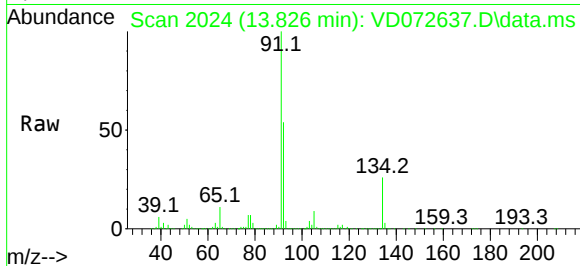




#89
n-Butylbenzene
Concen: 54.679 ug/l
RT: 13.826 min Scan# 2025
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

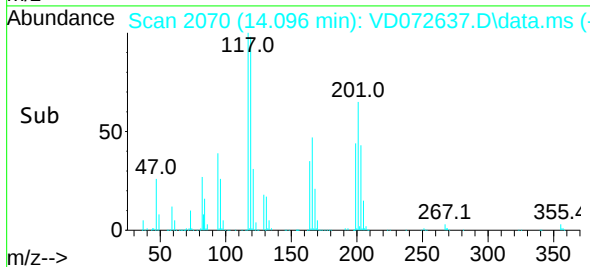
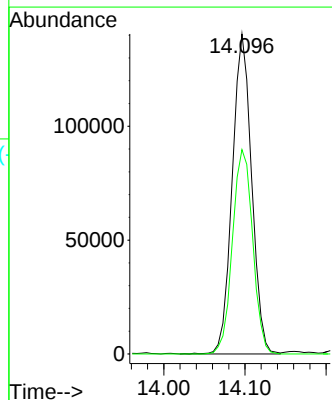
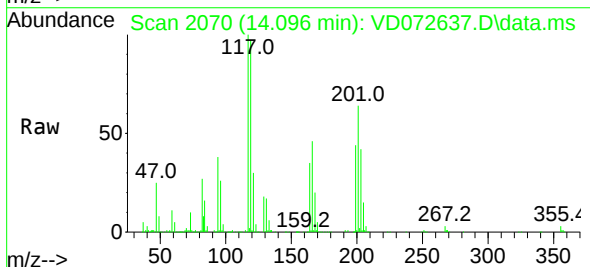
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

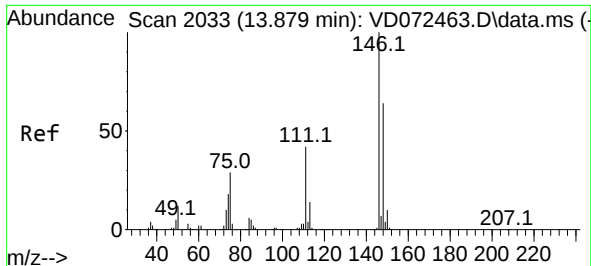
Tgt Ion: 91 Resp: 1112680
Ion Ratio Lower Upper
91 100
92 54.3 26.6 79.8
134 25.8 12.3 36.9



#90
Hexachloroethane
Concen: 53.201 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 117 Resp: 232650
Ion Ratio Lower Upper
117 100
201 66.5 33.4 100.2

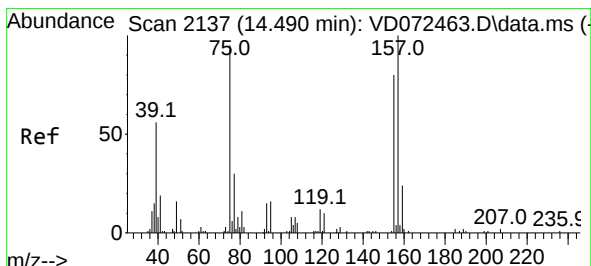
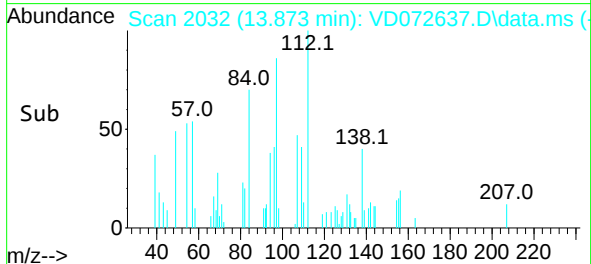
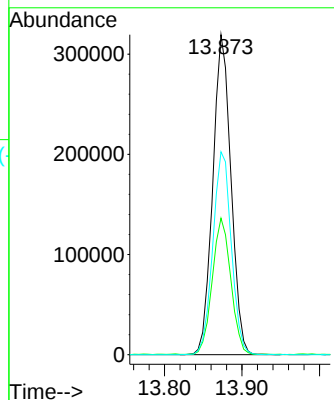
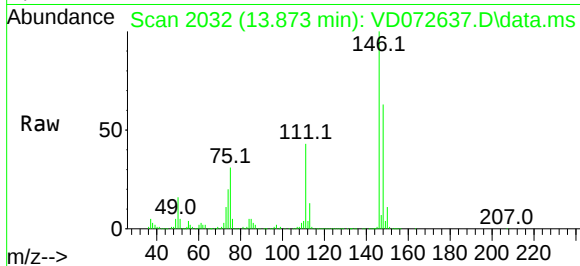




#91
1,2-Dichlorobenzene
Concen: 54.563 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

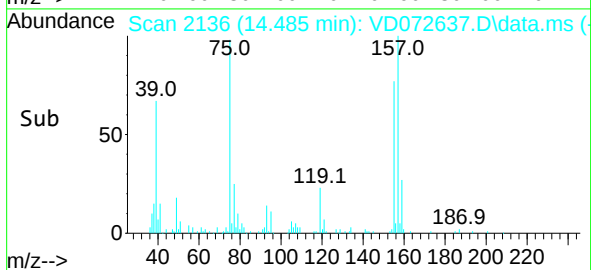
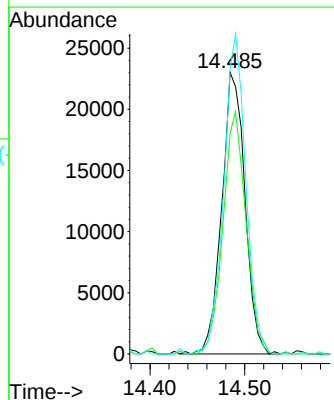
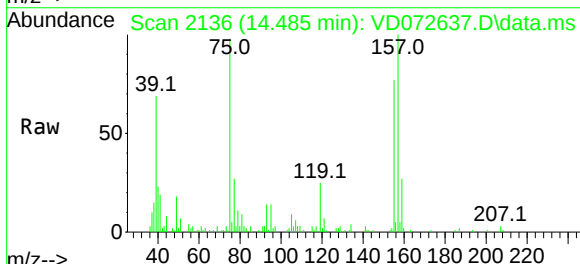
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

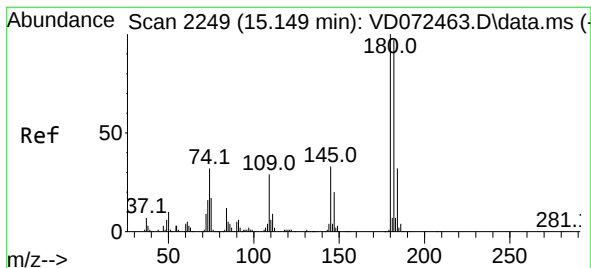
Tgt Ion:146 Resp: 523030
Ion Ratio Lower Upper
146 100
111 43.2 21.1 63.3
148 64.4 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.779 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD072637.D
Acq: 19 Apr 2022 21:04

Tgt Ion: 75 Resp: 39186
Ion Ratio Lower Upper
75 100
155 85.7 36.8 110.3
157 108.0 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 56.843 ug/l

RT: 15.143 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

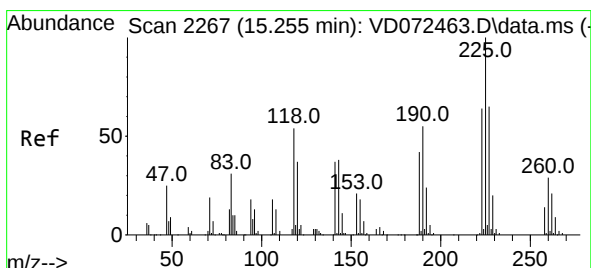
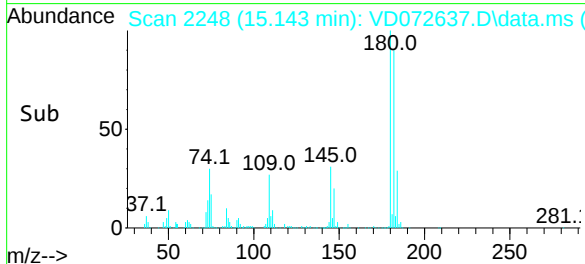
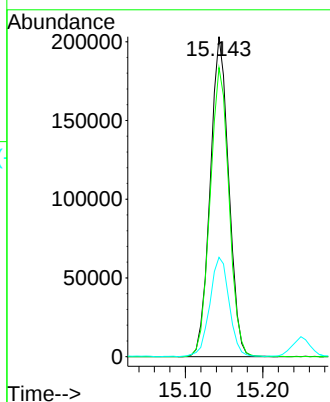
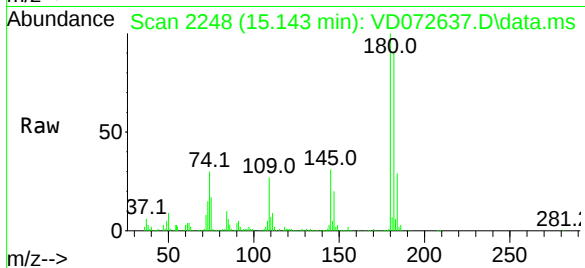
Tgt Ion:180 Resp: 337749

Ion Ratio Lower Upper

180 100

182 91.9 47.3 142.0

145 32.6 16.2 48.5



#94

Hexachlorobutadiene

Concen: 52.861 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.006 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

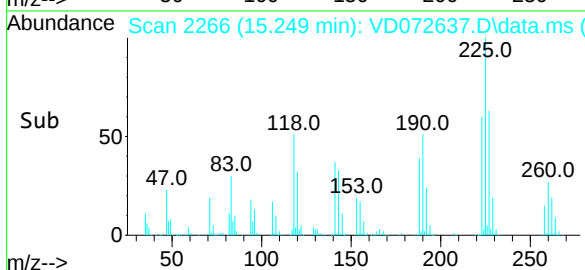
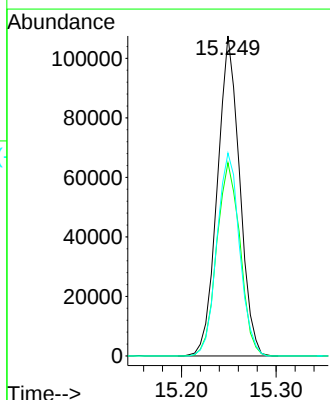
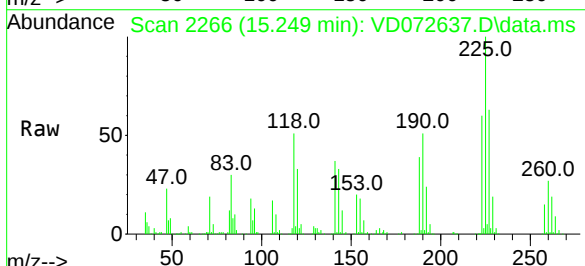
Tgt Ion:225 Resp: 175932

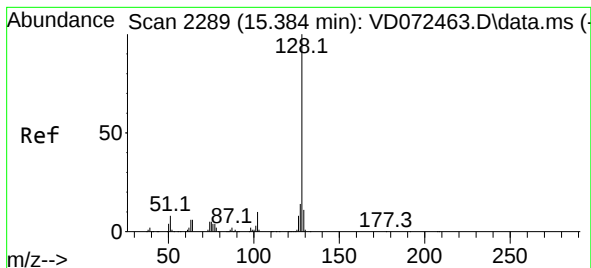
Ion Ratio Lower Upper

225 100

223 63.2 31.1 93.2

227 64.7 32.4 97.0





#95

Naphthalene

Concen: 56.469 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

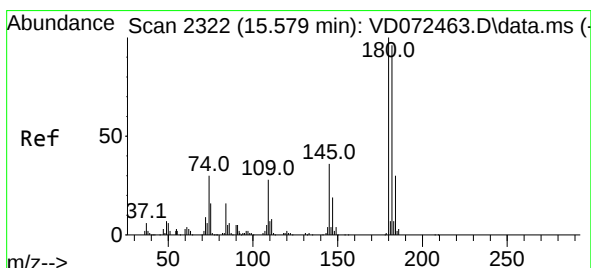
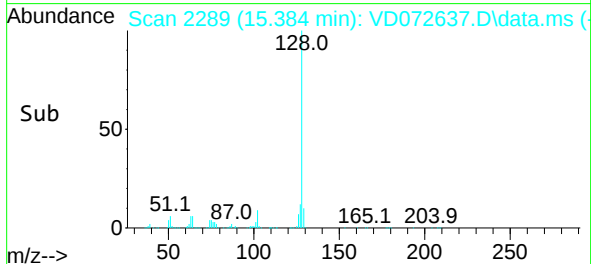
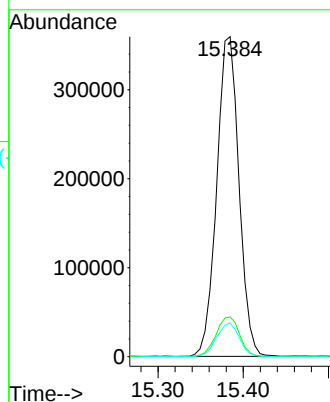
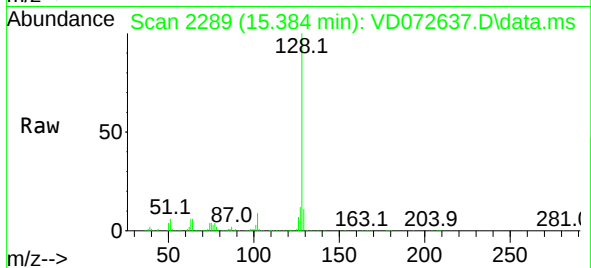
Tgt Ion:128 Resp: 651952

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 55.970 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VD072637.D

Acq: 19 Apr 2022 21:04

Tgt Ion:180 Resp: 290253

Ion Ratio Lower Upper

180 100

182 95.9 47.6 142.9

145 35.1 17.1 51.3

