

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072821.D
 Acq On : 05 May 2022 20:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 06 03:52:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	318901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	560291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	536394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	243326	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	236857	57.218	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.440%	
35) Dibromofluoromethane	7.909	113	212042	53.886	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.780%	
50) Toluene-d8	10.332	98	766582	54.309	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.620%	
62) 4-Bromofluorobenzene	12.620	95	286399	54.416	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	217125	49.271	ug/l	94
3) Chloromethane	2.209	50	272324	59.422	ug/l	97
4) Vinyl Chloride	2.344	62	246656	59.980	ug/l	98
5) Bromomethane	2.756	94	157581	62.689	ug/l	92
6) Chloroethane	2.915	64	154538	60.296	ug/l	97
7) Trichlorofluoromethane	3.268	101	399667	55.501	ug/l	96
8) Diethyl Ether	3.709	74	118434	57.368	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	227078	53.115	ug/l	99
10) Methyl Iodide	4.297	142	196442	45.786	ug/l	96
11) Tert butyl alcohol	5.215	59	90115	251.605	ug/l	96
12) 1,1-Dichloroethene	4.062	96	205256	53.378	ug/l	94
13) Acrolein	3.921	56	68477	277.328	ug/l	96
14) Allyl chloride	4.703	41	388337	62.552	ug/l	98
15) Acrylonitrile	5.415	53	273152	278.406	ug/l	98
16) Acetone	4.156	43	212350	275.488	ug/l	98
17) Carbon Disulfide	4.403	76	632971	52.351	ug/l	99
18) Methyl Acetate	4.715	43	128467	57.066	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	576372	62.524	ug/l	99
20) Methylene Chloride	4.956	84	277742	56.970	ug/l	92
21) trans-1,2-Dichloroethene	5.468	96	246284	55.845	ug/l	95
22) Diisopropyl ether	6.356	45	837554	61.328	ug/l	97
23) Vinyl Acetate	6.297	43	2379544	315.411	ug/l	97
24) 1,1-Dichloroethane	6.256	63	480280	58.534	ug/l	99
25) 2-Butanone	7.203	43	343536	284.822	ug/l	99
26) 2,2-Dichloropropane	7.203	77	387412	55.851	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	281991	55.828	ug/l	99
28) Bromochloromethane	7.538	49	179054	58.518	ug/l	91
29) Tetrahydrofuran	7.556	42	226988	295.249	ug/l	96
30) Chloroform	7.703	83	500780	57.681	ug/l	100
31) Cyclohexane	7.979	56	387143	53.500	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	431875	58.367	ug/l	98
36) 1,1-Dichloropropene	8.103	75	353751	55.287	ug/l	100
37) Ethyl Acetate	7.285	43	166331	56.549	ug/l	98
38) Carbon Tetrachloride	8.091	117	369075	55.568	ug/l	98
39) Methylcyclohexane	9.350	83	395421	53.279	ug/l	99
40) Benzene	8.344	78	1006496	54.471	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	91092	52.011	ug/l	88
42) 1,2-Dichloroethane	8.420	62	330393	59.337	ug/l	99
43) Isopropyl Acetate	8.444	43	325535	59.963	ug/l	98
44) Trichloroethene	9.103	130	258267	52.245	ug/l	96
45) 1,2-Dichloropropane	9.379	63	265123	54.636	ug/l	94
46) Dibromomethane	9.467	93	146334	54.668	ug/l	95
47) Bromodichloromethane	9.650	83	386358	56.107	ug/l	97
48) Methyl methacrylate	9.450	41	154648	58.228	ug/l #	85
49) 1,4-Dioxane	9.450	88	31229	1036.040	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	832410	295.071	ug/l	98
52) Toluene	10.397	92	632446	54.870	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	355376	56.186	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	412635	56.153	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	190861	52.745	ug/l	96
56) Ethyl methacrylate	10.650	69	257831	60.516	ug/l	94
57) 1,3-Dichloropropane	10.938	76	339606	54.689	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	610162	295.379	ug/l	100
59) 2-Hexanone	10.973	43	564532	297.397	ug/l	100
60) Dibromochloromethane	11.132	129	243552	53.466	ug/l	98
61) 1,2-Dibromoethane	11.238	107	185758	52.740	ug/l	100
64) Tetrachloroethene	10.867	164	199993	50.997	ug/l	93
65) Chlorobenzene	11.661	112	656641	52.927	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	254822	54.653	ug/l	99
67) Ethyl Benzene	11.732	91	1234736	57.507	ug/l	97
68) m/p-Xylenes	11.844	106	923874	111.705	ug/l	95
69) o-Xylene	12.167	106	441473	57.154	ug/l	99
70) Styrene	12.185	104	774210	57.850	ug/l	99
71) Bromoform	12.350	173	130587	51.678	ug/l #	100
73) Isopropylbenzene	12.467	105	1168747	61.736	ug/l	99
74) N-amyl acetate	12.273	43	315855	66.996	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	216096	56.547	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	282280	104.038	ug/l #	100
77) Bromobenzene	12.749	156	255139	56.754	ug/l	99
78) n-propylbenzene	12.808	91	1447181	60.653	ug/l	99
79) 2-Chlorotoluene	12.897	91	841812	60.397	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	993184	61.871	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	69078	58.547	ug/l	98
82) 4-Chlorotoluene	12.991	91	875765	60.137	ug/l	98
83) tert-Butylbenzene	13.208	119	822404	60.260	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	993004	61.886	ug/l	98
85) sec-Butylbenzene	13.385	105	1234430	59.971	ug/l	100
86) p-Isopropyltoluene	13.502	119	1028844	60.964	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	511602	56.492	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	503627	55.843	ug/l	98
89) n-Butylbenzene	13.826	91	999714	61.151	ug/l	99
90) Hexachloroethane	14.096	117	197026	56.989	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	437527	55.435	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	35926	59.304	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	265070	56.709	ug/l	99
94) Hexachlorobutadiene	15.249	225	135639	53.134	ug/l	99
95) Naphthalene	15.379	128	533159	62.039	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	234134	56.506	ug/l	99

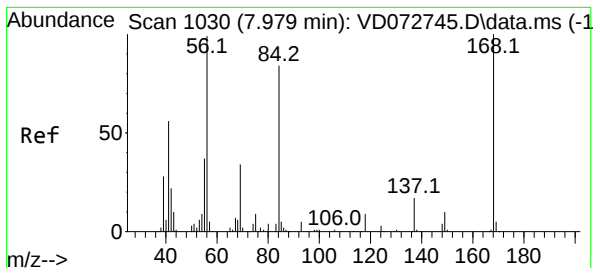
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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

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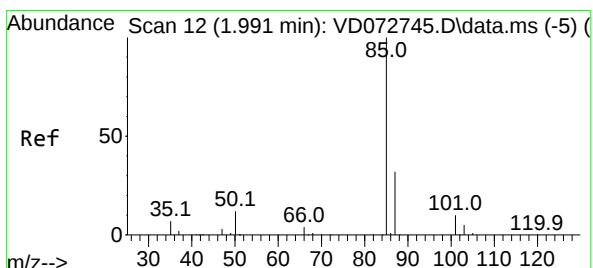
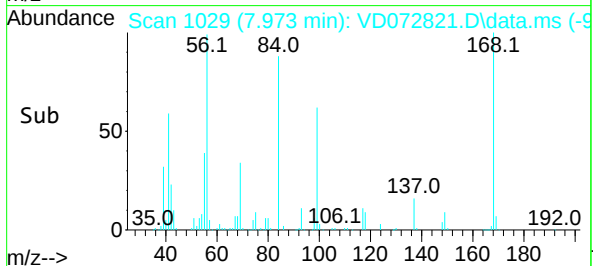
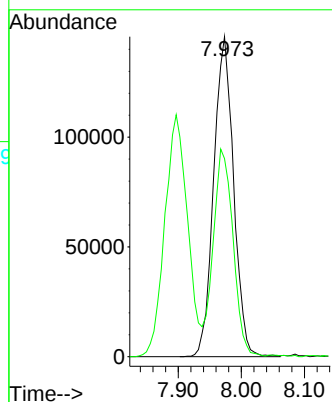
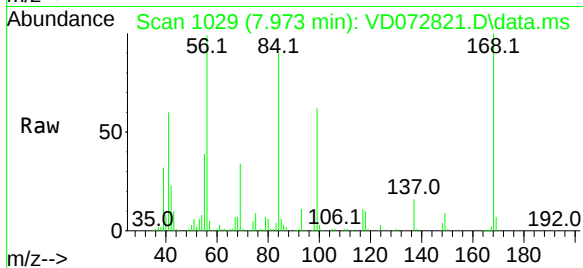
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

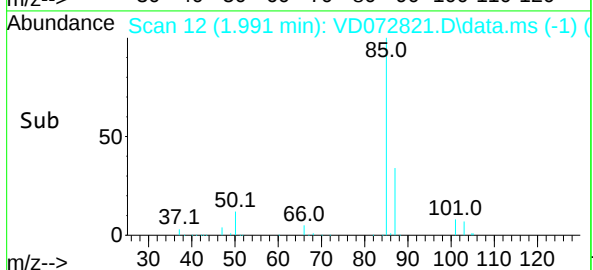
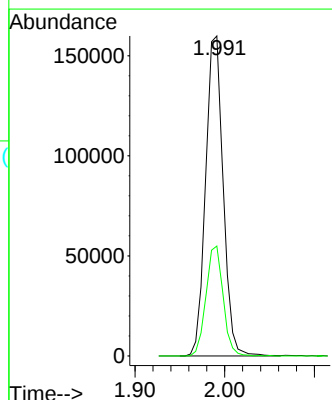
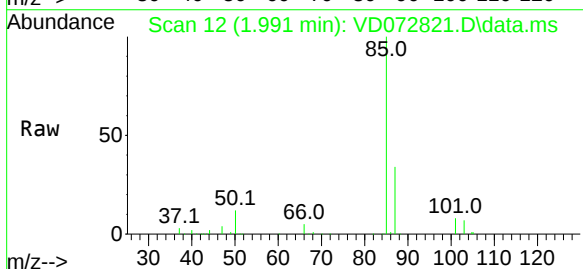
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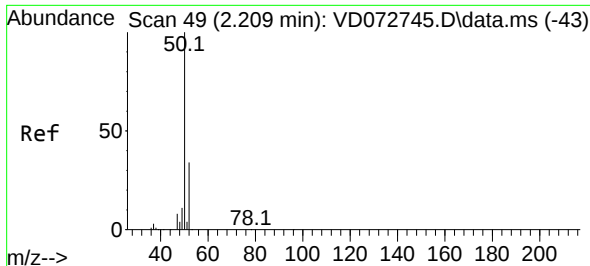
Tgt Ion:168 Resp: 318901
Ion Ratio Lower Upper
168 100
99 61.6 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 49.271 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 85 Resp: 217125
Ion Ratio Lower Upper
85 100
87 34.3 15.7 47.0

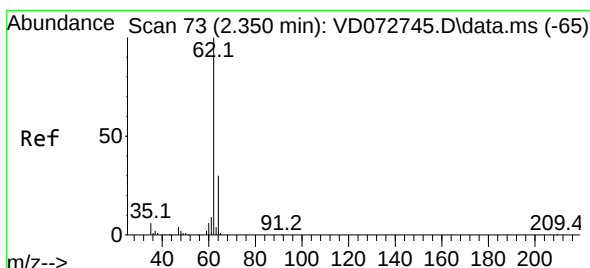
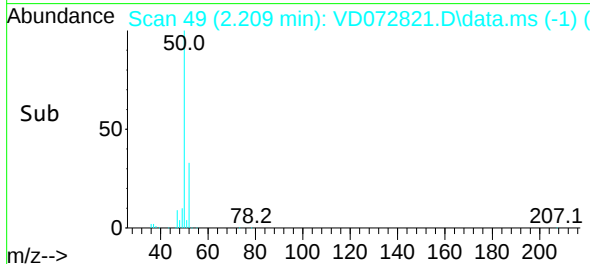
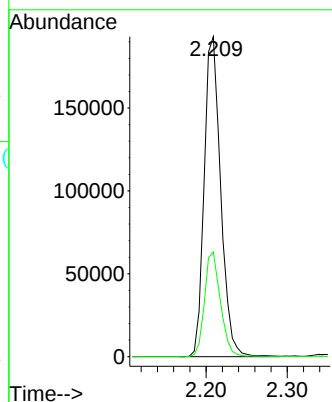
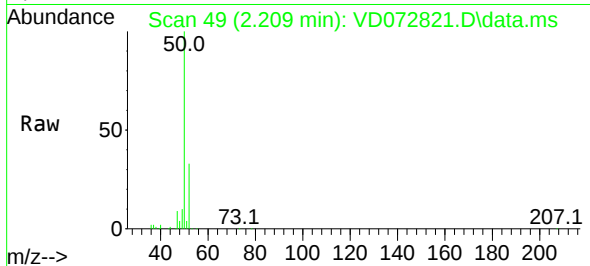




#3
Chloromethane
Concen: 59.422 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

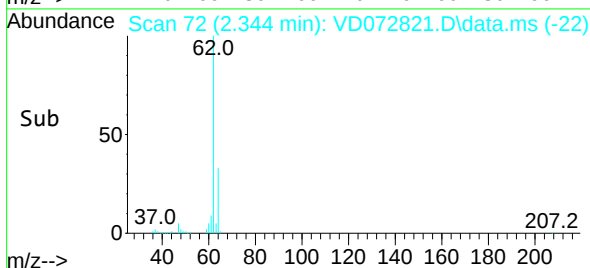
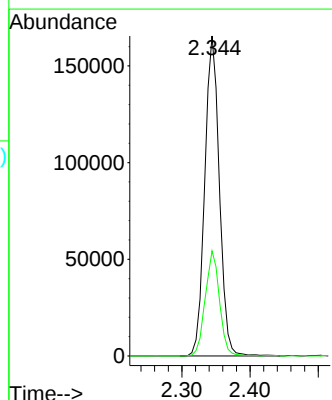
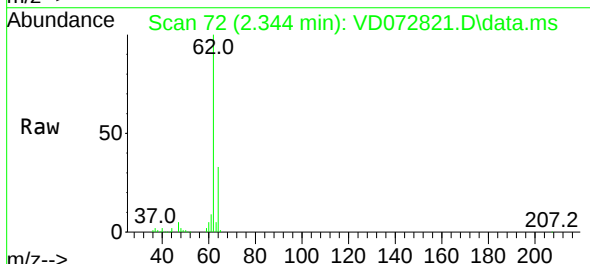
Instrument :
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ClientSampleId :
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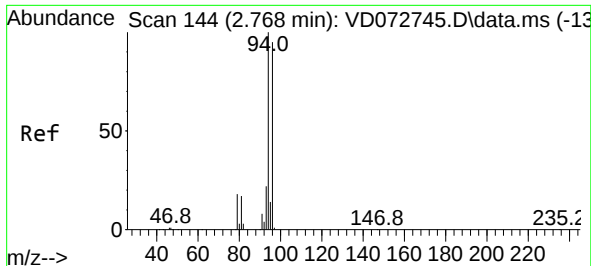
Tgt Ion: 50 Resp: 272324
Ion Ratio Lower Upper
50 100
52 32.8 27.4 41.0



#4
Vinyl Chloride
Concen: 59.980 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 62 Resp: 246656
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0

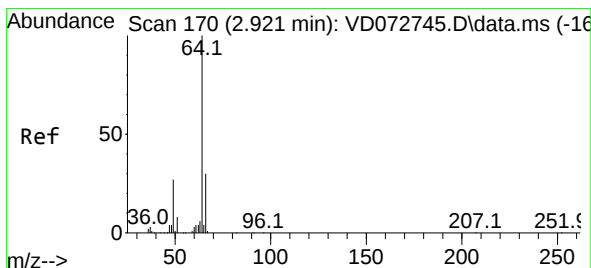
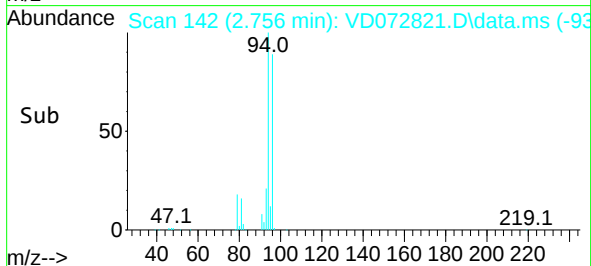
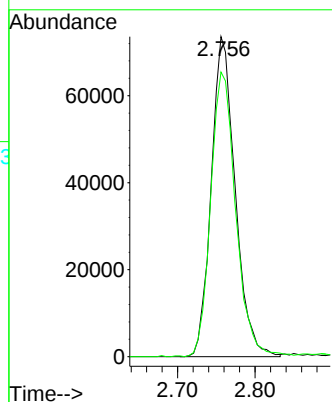
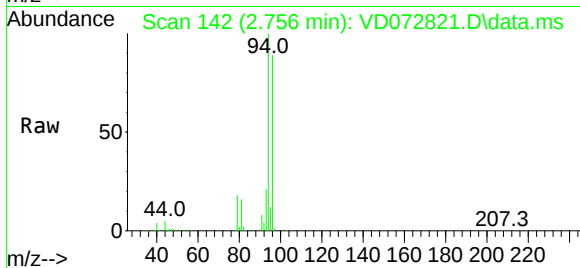




#5
Bromomethane
Concen: 62.689 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

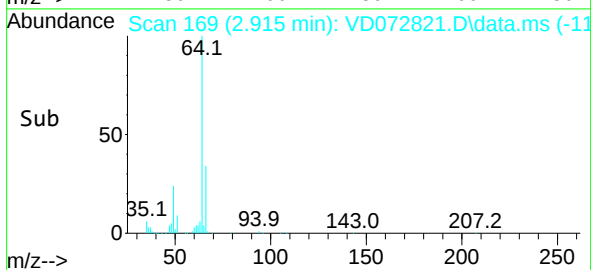
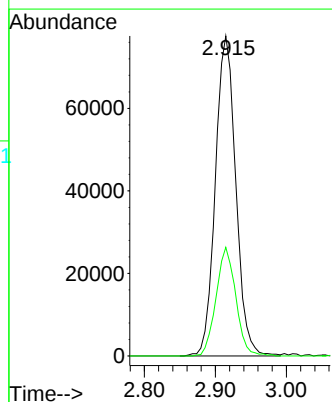
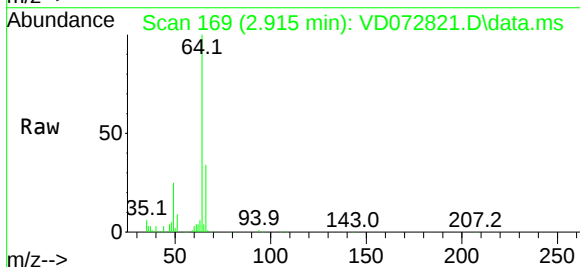
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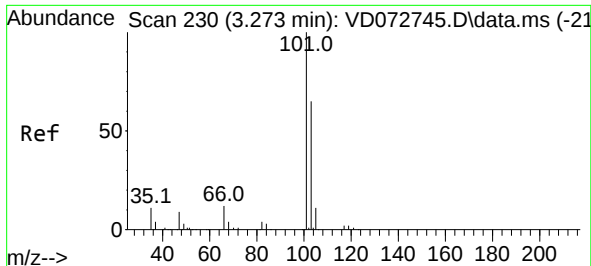
Tgt Ion: 94 Resp: 157581
Ion Ratio Lower Upper
94 100
96 88.7 77.6 116.4



#6
Chloroethane
Concen: 60.296 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 64 Resp: 154538
Ion Ratio Lower Upper
64 100
66 34.0 25.9 38.9

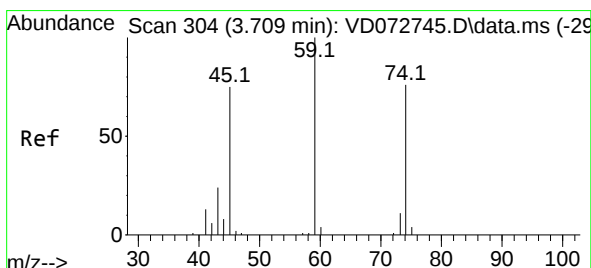
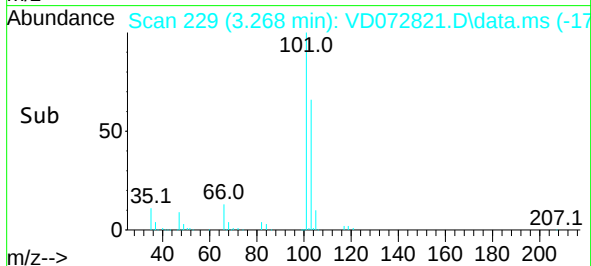
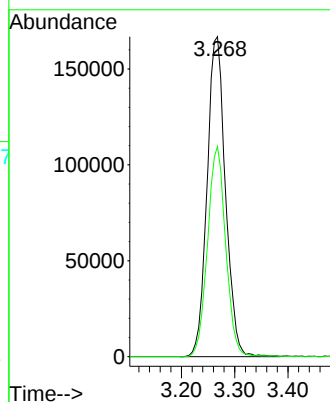
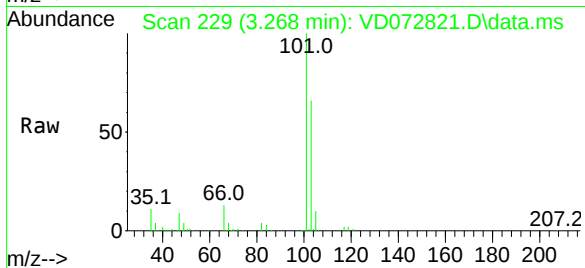




#7
Trichlorofluoromethane
Concen: 55.501 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

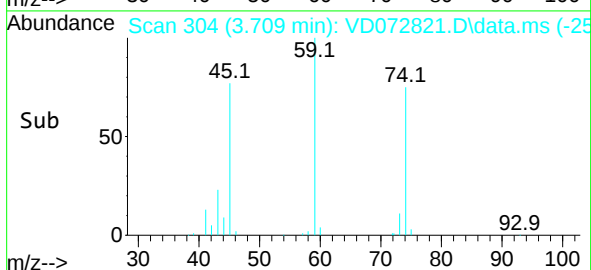
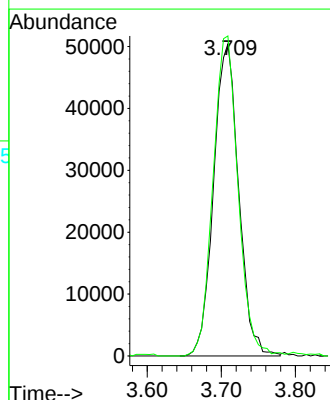
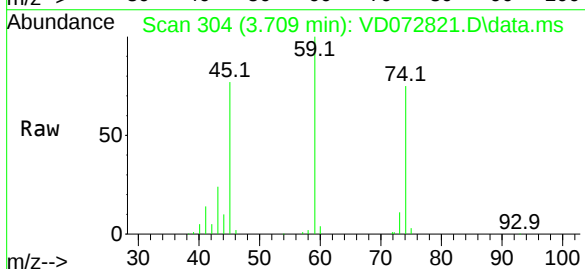
Instrument :
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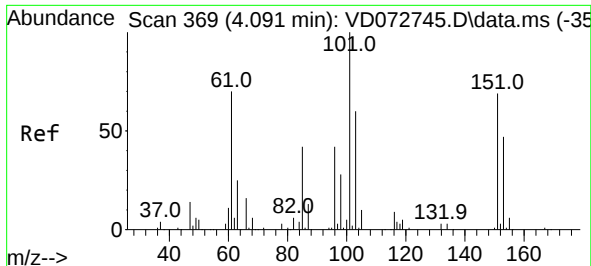
Tgt Ion:101 Resp: 399667
Ion Ratio Lower Upper
101 100
103 65.7 50.1 75.1



#8
Diethyl Ether
Concen: 57.368 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 74 Resp: 118434
Ion Ratio Lower Upper
74 100
45 102.2 52.6 157.8

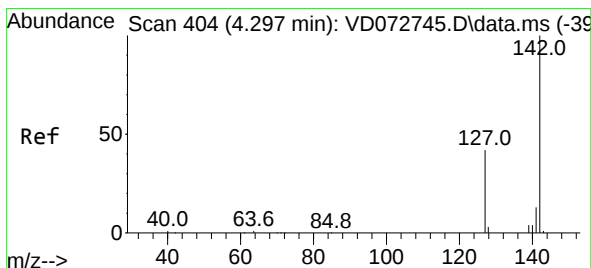
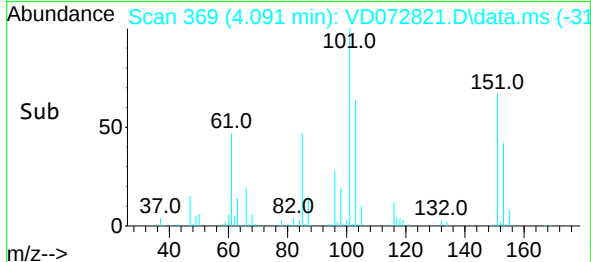
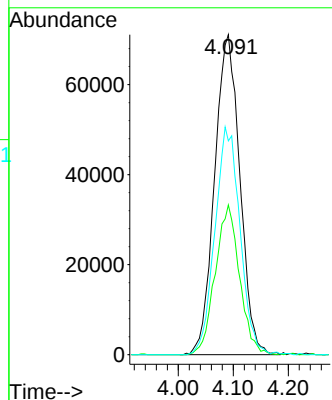
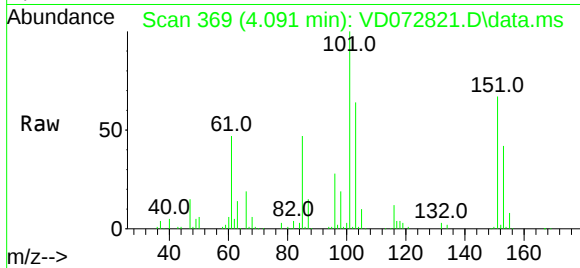




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.115 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

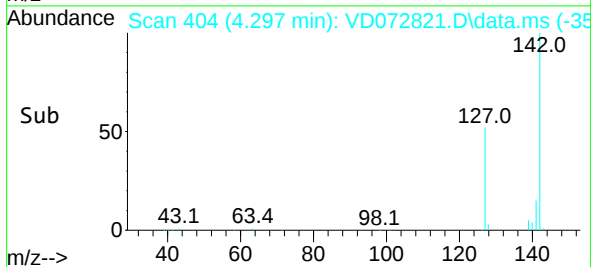
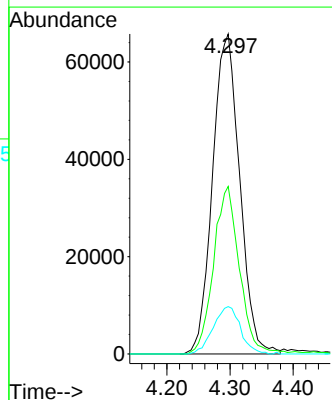
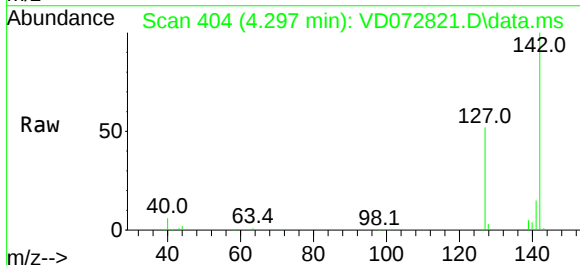
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

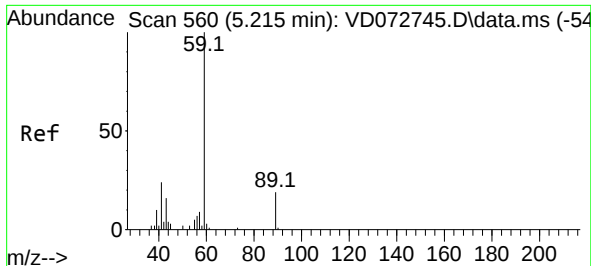
Tgt Ion:101 Resp: 227078
Ion Ratio Lower Upper
101 100
85 44.9 36.4 54.6
151 70.6 57.3 85.9



#10
Methyl Iodide
Concen: 45.786 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion:142 Resp: 196442
Ion Ratio Lower Upper
142 100
127 49.7 37.3 55.9
141 14.9 11.7 17.5

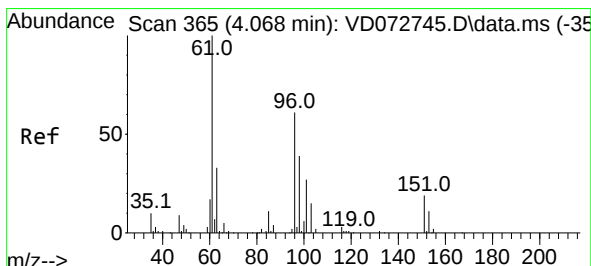
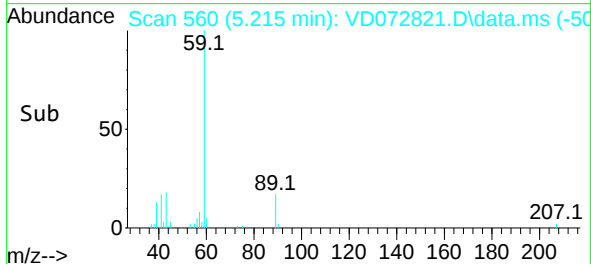
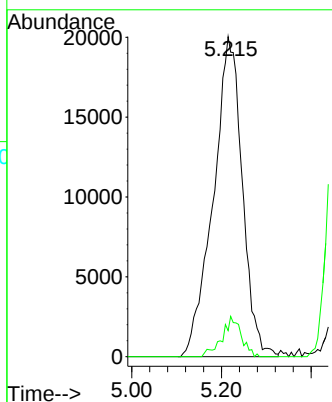
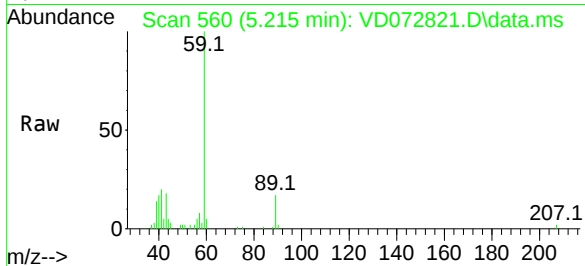




#11
Tert butyl alcohol
Concen: 251.605 ug/l
RT: 5.215 min Scan# 50
Delta R.T. -0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

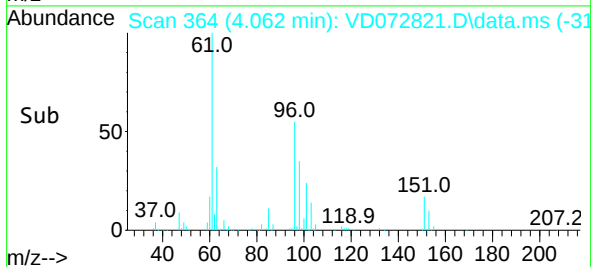
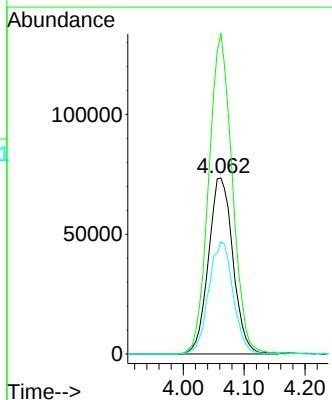
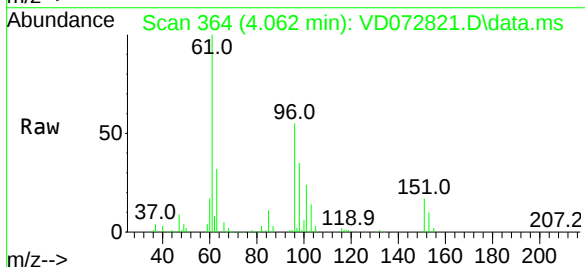
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

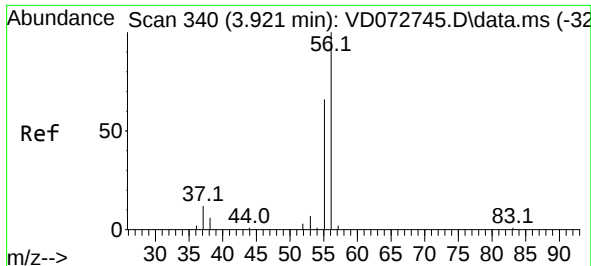
Tgt Ion: 59 Resp: 90115
Ion Ratio Lower Upper
59 100
57 8.3 7.8 11.6



#12
1,1-Dichloroethene
Concen: 53.378 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 96 Resp: 205256
Ion Ratio Lower Upper
96 100
61 181.8 138.5 207.7
98 63.7 48.6 73.0

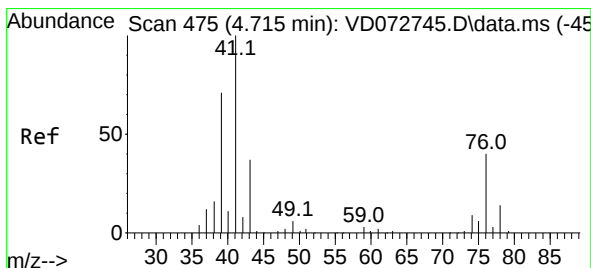
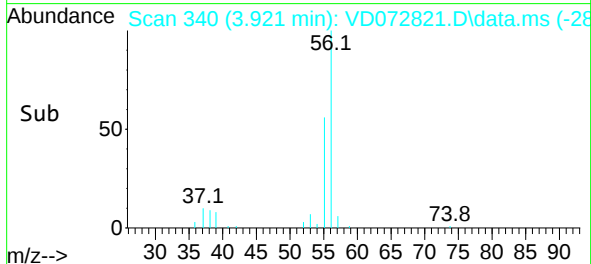
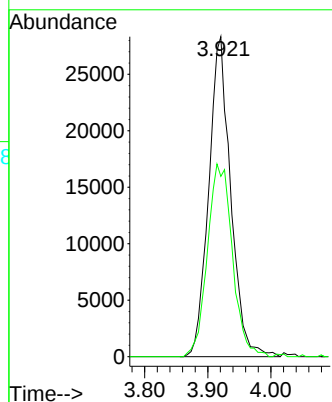
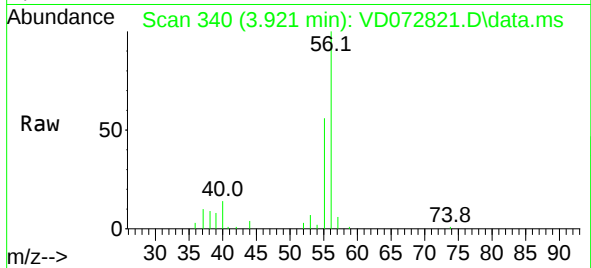




#13
Acrolein
Concen: 277.328 ug/l
RT: 3.921 min Scan# 34
Delta R.T. -0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

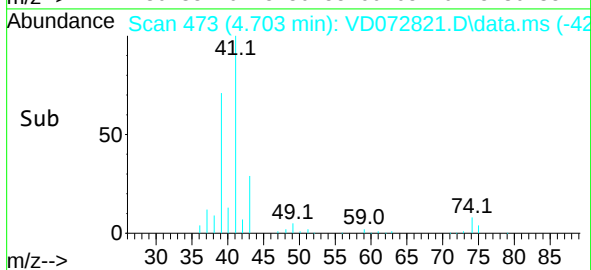
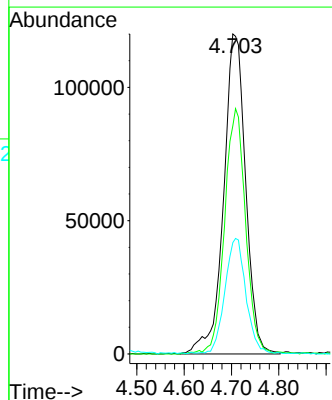
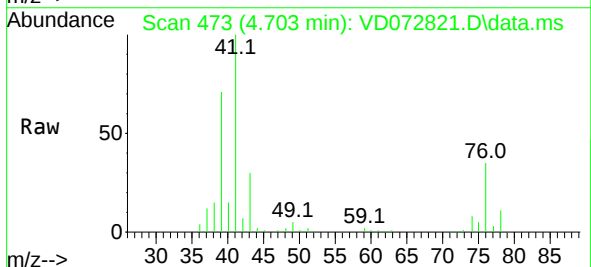
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

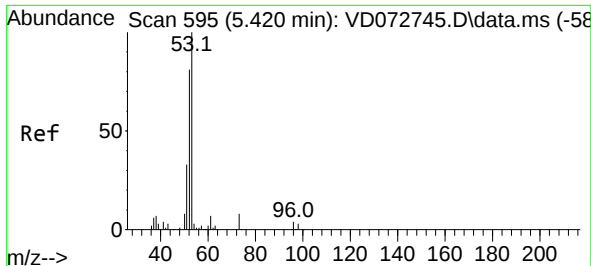
Tgt Ion: 56 Resp: 68477
Ion Ratio Lower Upper
56 100
55 68.4 57.1 85.7



#14
Allyl chloride
Concen: 62.552 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.012 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 41 Resp: 388337
Ion Ratio Lower Upper
41 100
39 73.0 59.3 88.9
76 34.0 25.7 38.5

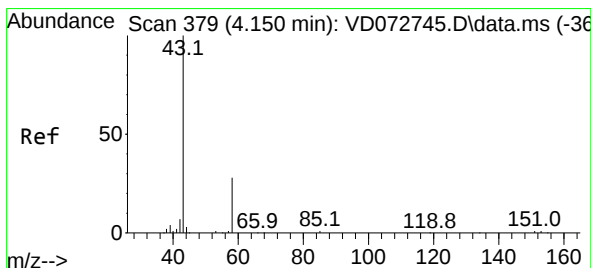
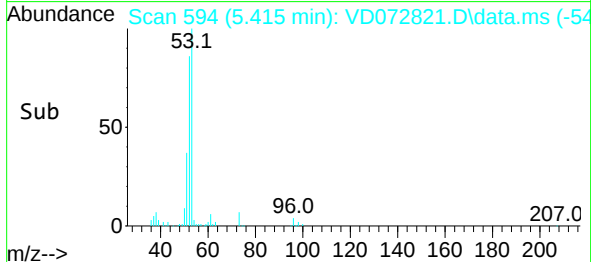
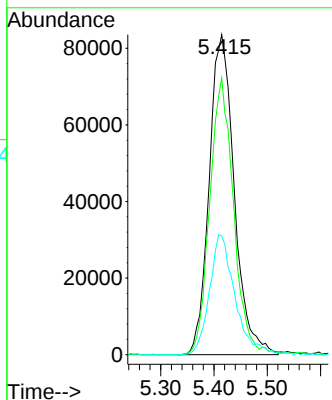
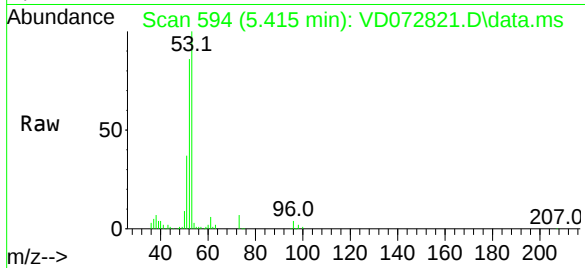




#15
Acrylonitrile
Concen: 278.406 ug/l
RT: 5.415 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

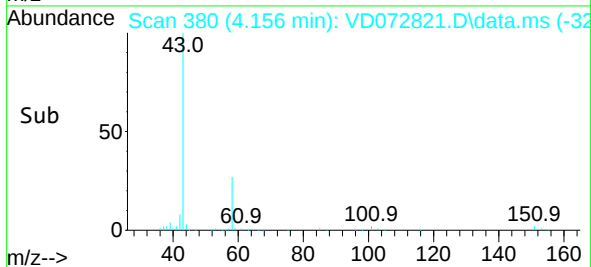
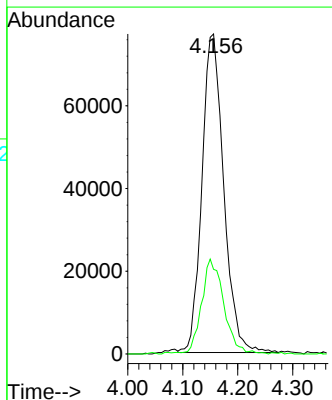
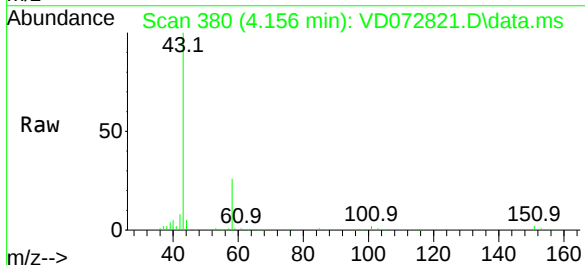
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

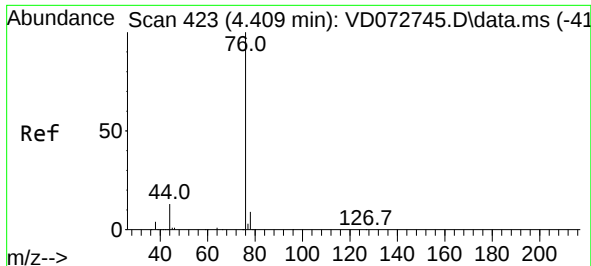
Tgt Ion: 53 Resp: 273152
Ion Ratio Lower Upper
53 100
52 82.0 67.2 100.8
51 37.9 30.3 45.5



#16
Acetone
Concen: 275.488 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 43 Resp: 212350
Ion Ratio Lower Upper
43 100
58 26.4 22.1 33.1

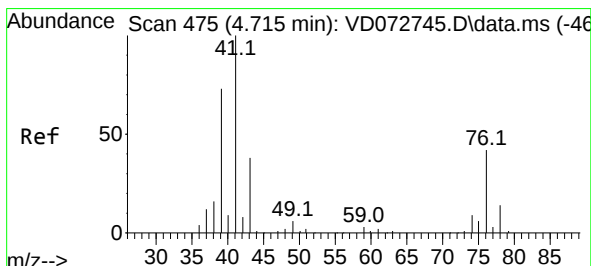
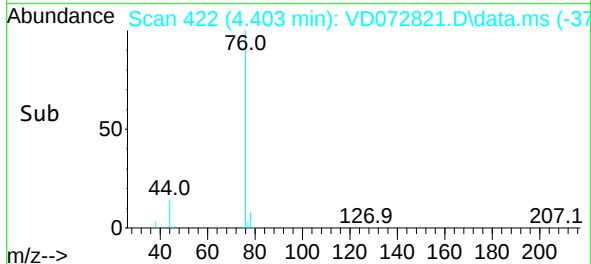
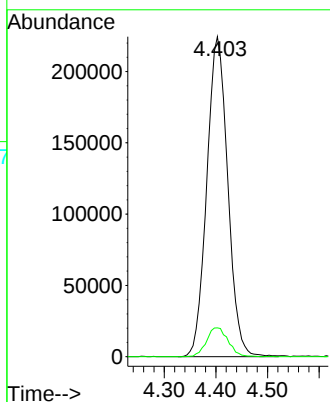
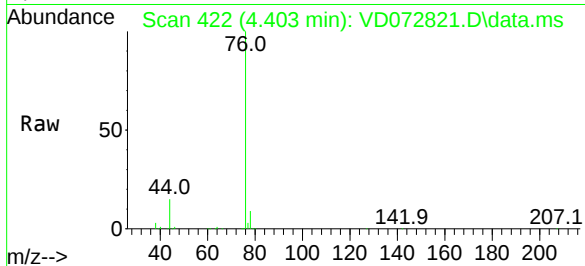




#17
Carbon Disulfide
Concen: 52.351 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

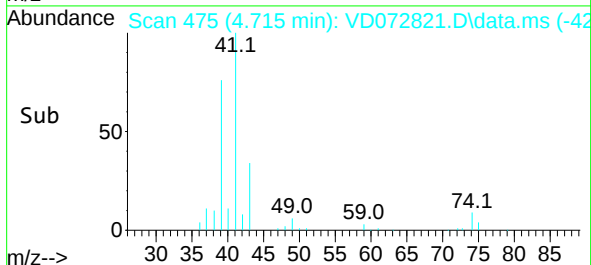
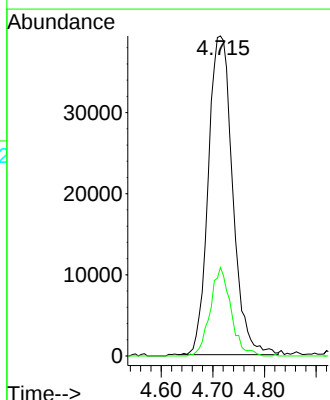
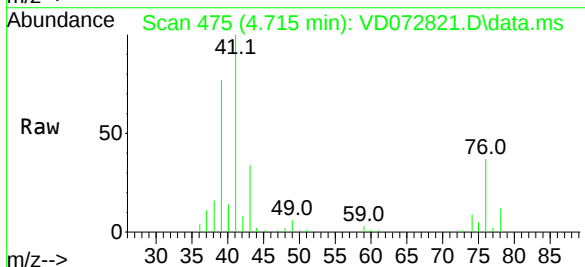
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

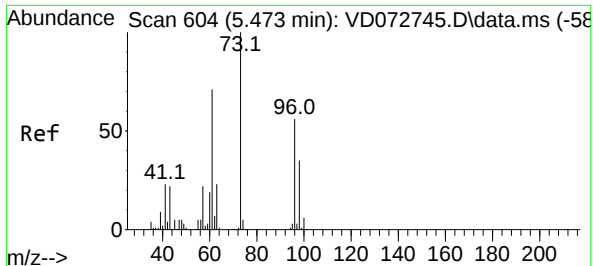
Tgt Ion: 76 Resp: 632971
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 57.066 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 43 Resp: 128467
Ion Ratio Lower Upper
43 100
74 23.7 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 62.524 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

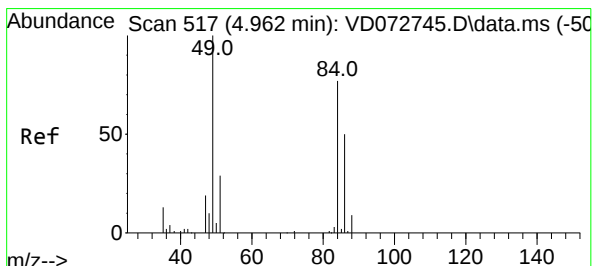
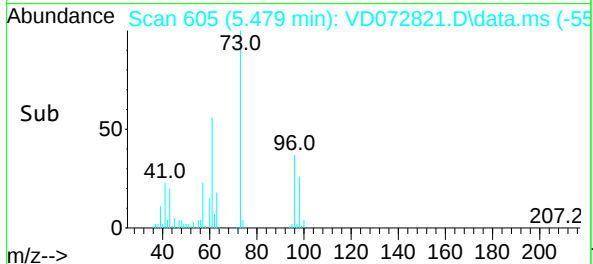
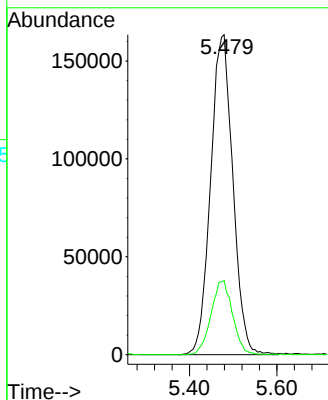
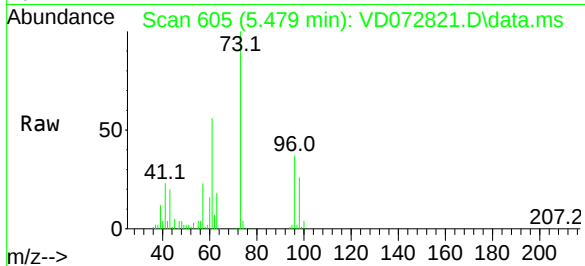
VSTDCCC050EC

Tgt Ion: 73 Resp: 576372

Ion Ratio Lower Upper

73 100

57 23.1 18.0 27.0



#20

Methylene Chloride

Concen: 56.970 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

Tgt Ion: 84 Resp: 277742

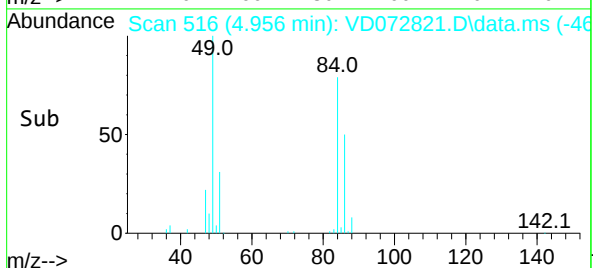
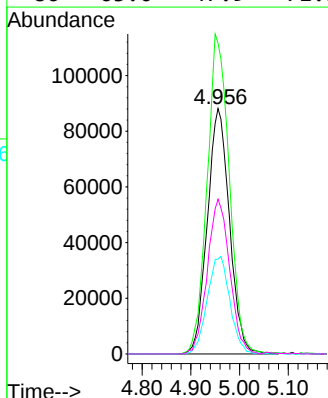
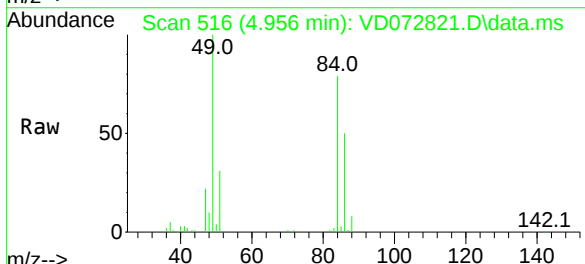
Ion Ratio Lower Upper

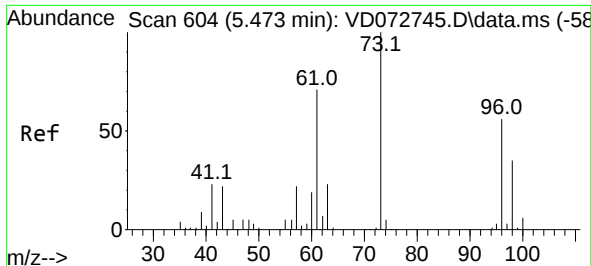
84 100

49 126.6 112.8 169.2

51 38.7 32.6 48.8

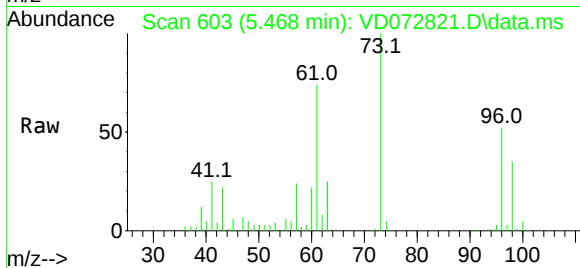
86 63.0 47.9 71.9





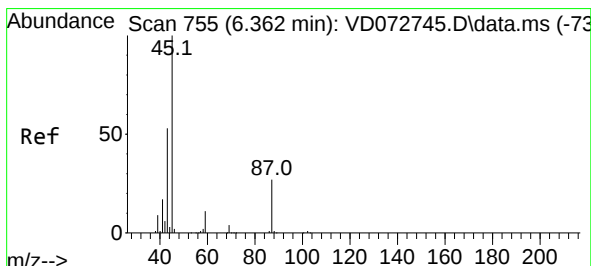
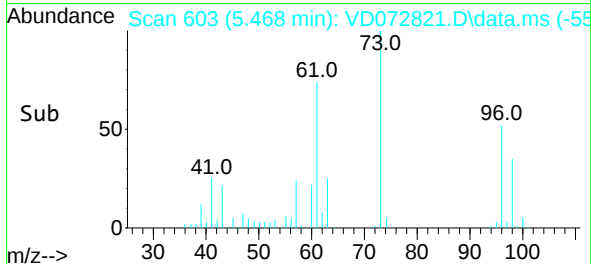
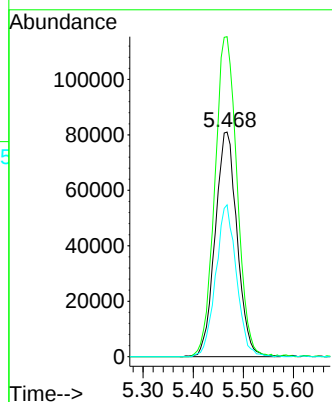
#21
trans-1,2-Dichloroethene
Concen: 55.845 ug/l
RT: 5.468 min Scan# 604
Delta R.T. -0.005 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 246284

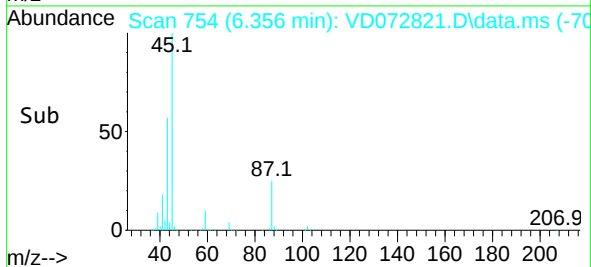
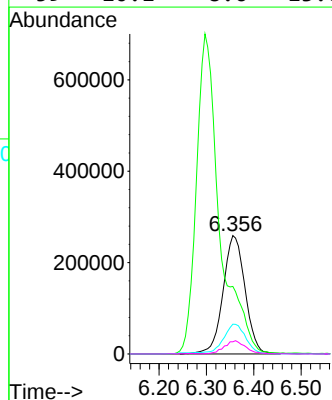
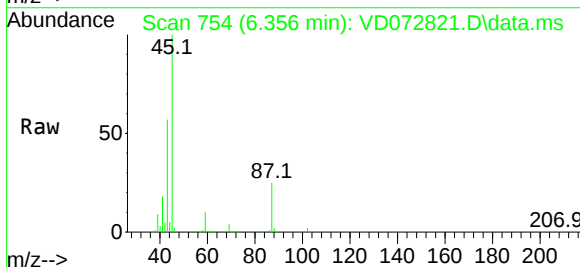
Ion	Ratio	Lower	Upper
96	100		
61	142.4	117.9	176.9
98	67.6	49.4	74.2

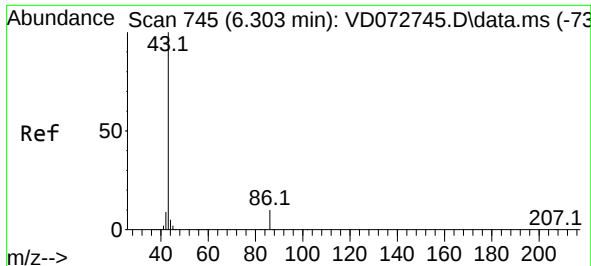


#22
Diisopropyl ether
Concen: 61.328 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 45 Resp: 837554

Ion	Ratio	Lower	Upper
45	100		
43	56.2	46.6	70.0
87	24.9	18.4	27.6
59	10.1	8.6	13.0

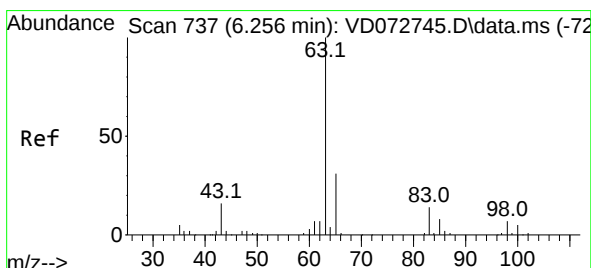
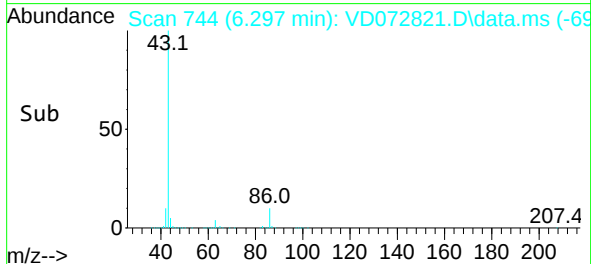
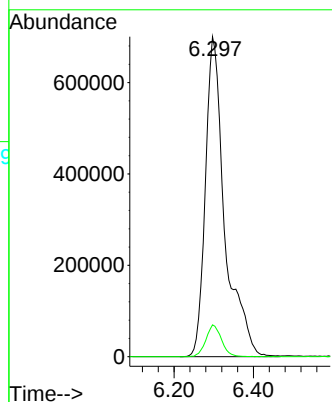
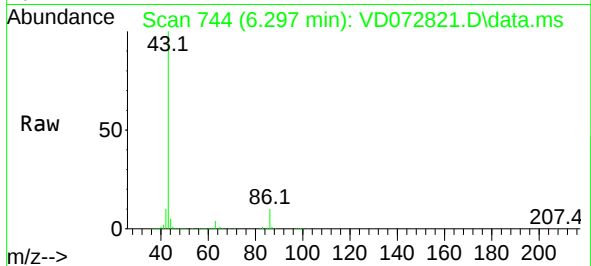




#23
 Vinyl Acetate
 Concen: 315.411 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD072821.D
 Acq: 05 May 2022 20:32

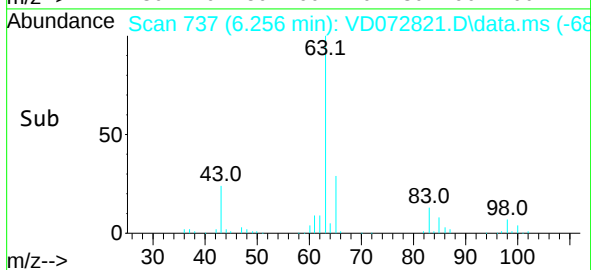
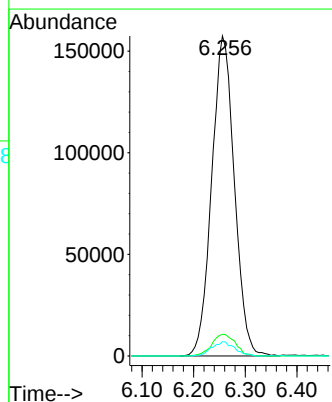
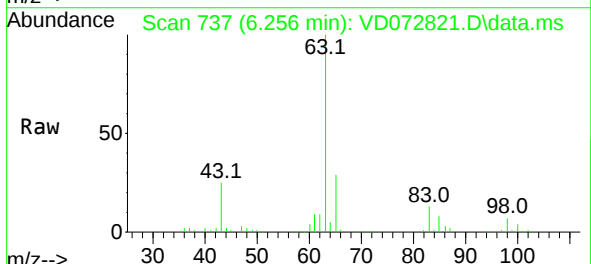
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

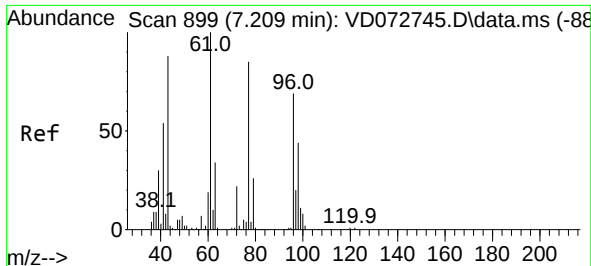
Tgt Ion: 43 Resp: 2379544
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 58.534 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD072821.D
 Acq: 05 May 2022 20:32

Tgt Ion: 63 Resp: 480280
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.4 2.1 6.5

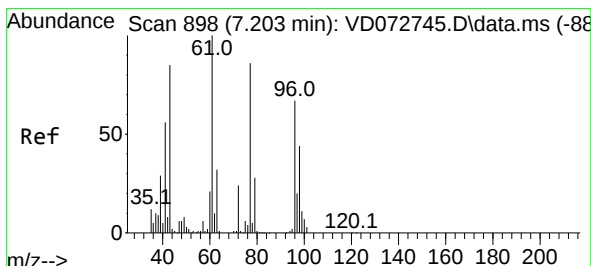
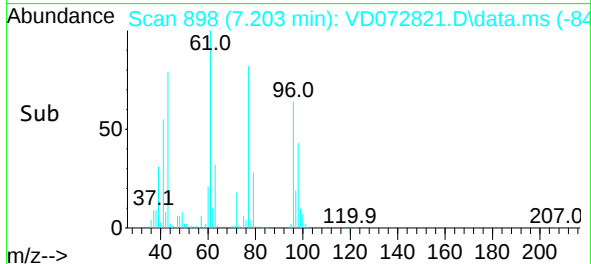
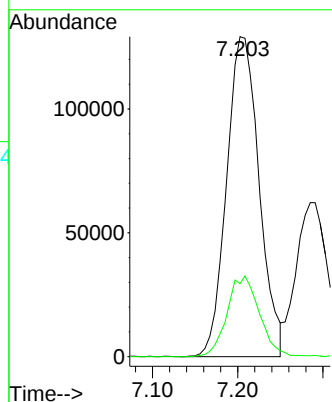
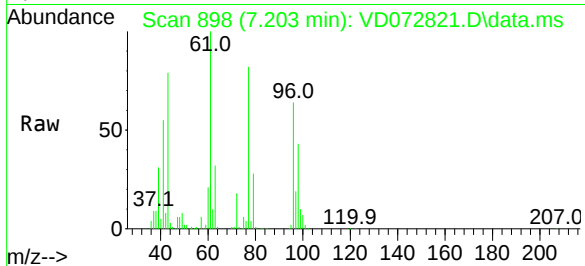




#25
2-Butanone
Concen: 284.822 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

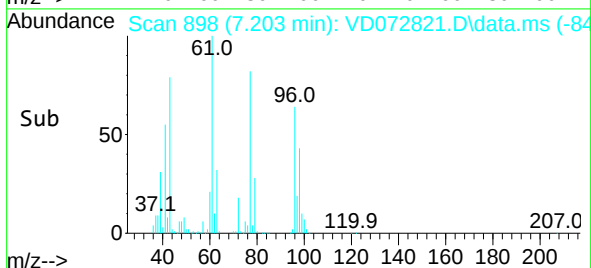
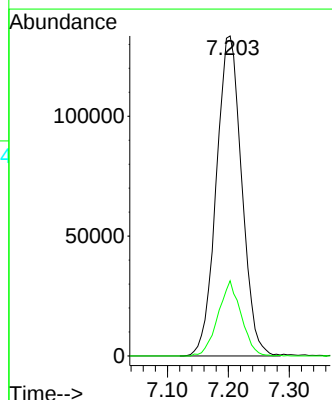
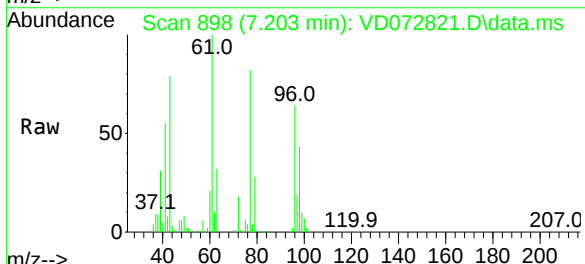
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

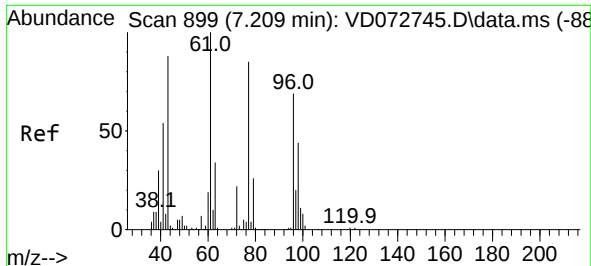
Tgt Ion: 43 Resp: 343536
Ion Ratio Lower Upper
43 100
72 22.9 18.6 27.8



#26
2,2-Dichloropropane
Concen: 55.851 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 77 Resp: 387412
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.4

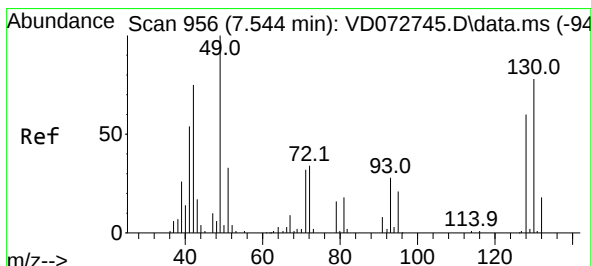
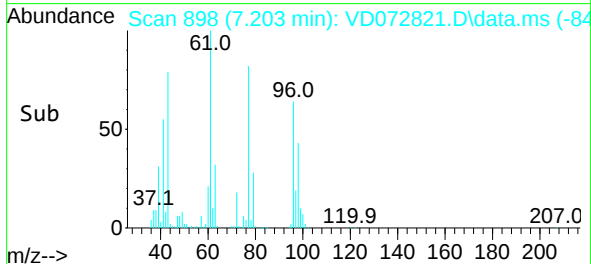
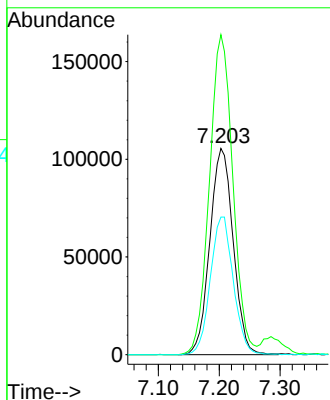
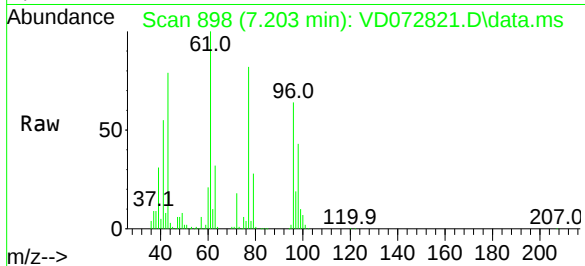




#27
 cis-1,2-Dichloroethene
 Concen: 55.828 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. -0.006 min
 Lab File: VD072821.D
 Acq: 05 May 2022 20:32

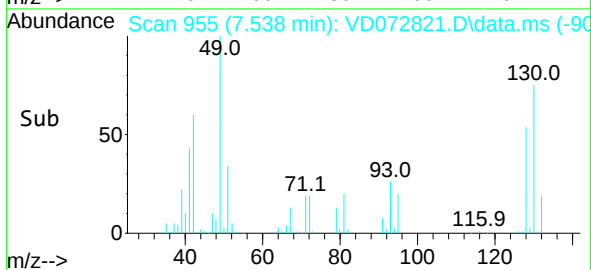
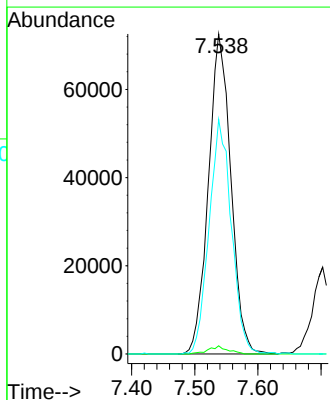
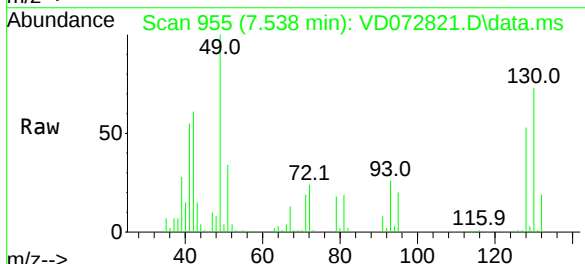
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

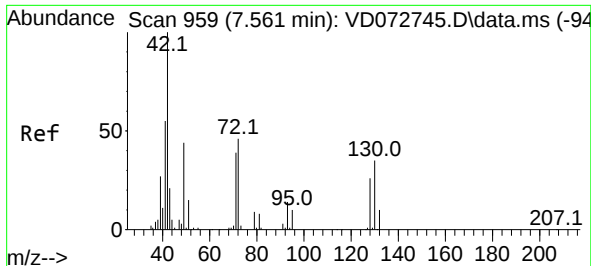
Tgt Ion: 96 Resp: 281991
 Ion Ratio Lower Upper
 96 100
 61 155.1 0.0 313.8
 98 65.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 58.518 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD072821.D
 Acq: 05 May 2022 20:32

Tgt Ion: 49 Resp: 179054
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 72.9 52.6 79.0





#29

Tetrahydrofuran

Concen: 295.249 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

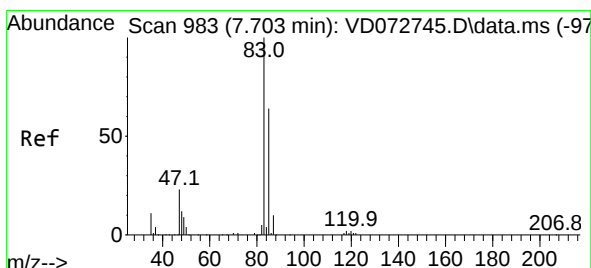
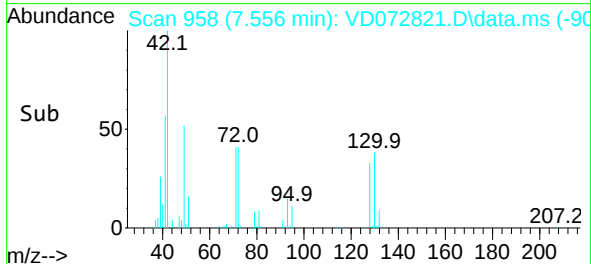
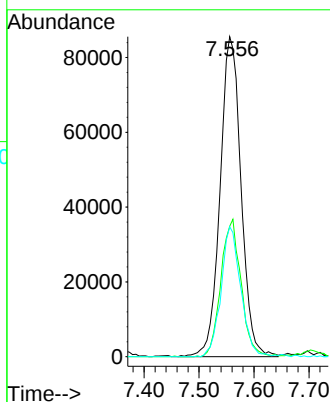
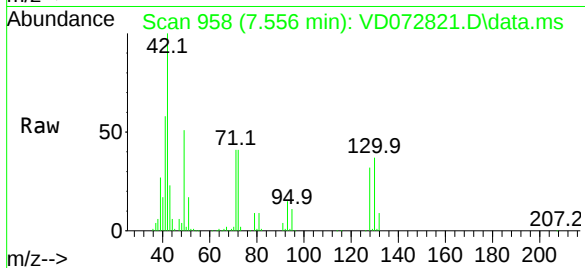
Tgt Ion: 42 Resp: 226988

Ion Ratio Lower Upper

42 100

72 41.3 30.7 46.1

71 38.0 28.6 43.0



#30

Chloroform

Concen: 57.681 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.000 min

Lab File: VD072821.D

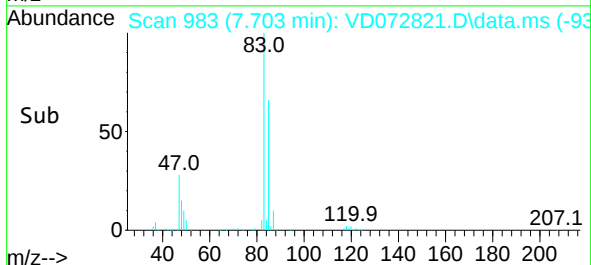
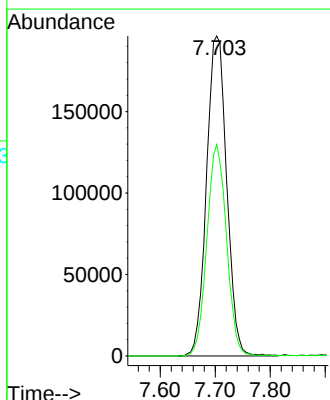
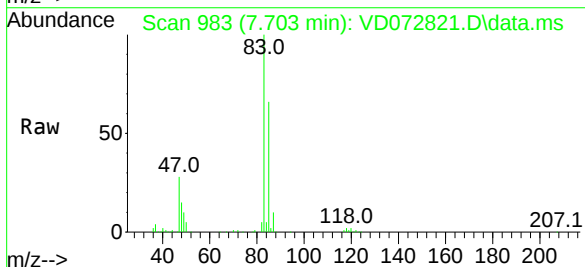
Acq: 05 May 2022 20:32

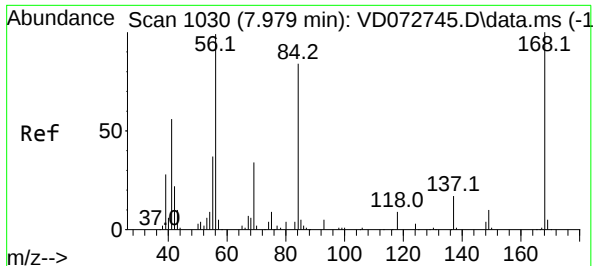
Tgt Ion: 83 Resp: 500780

Ion Ratio Lower Upper

83 100

85 66.1 52.7 79.1





#31

Cyclohexane

Concen: 53.500 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

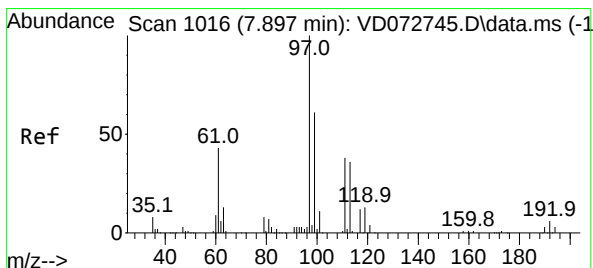
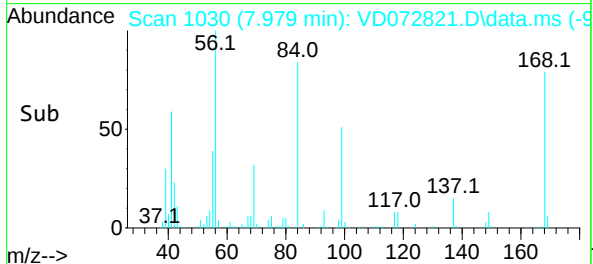
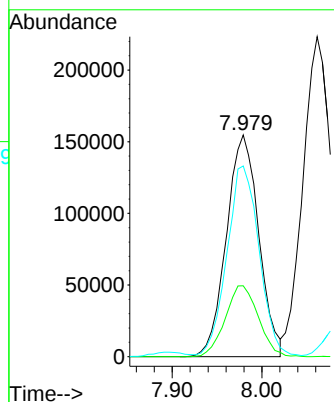
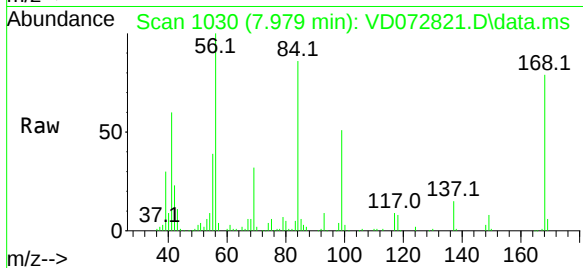
Tgt Ion: 56 Resp: 387143

Ion Ratio Lower Upper

56 100

69 31.9 25.4 38.2

84 84.3 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 58.367 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.000 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

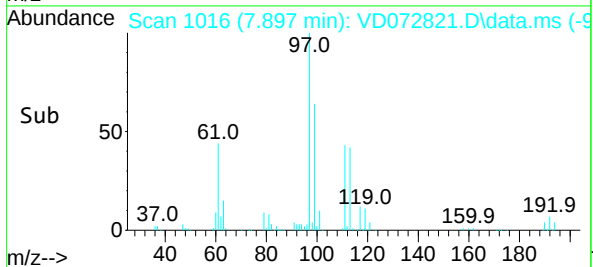
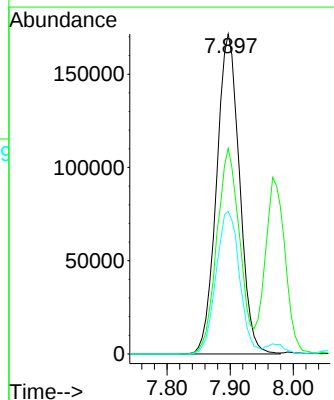
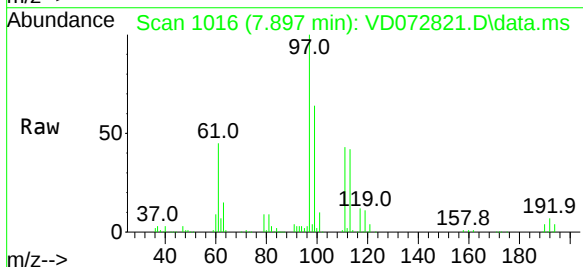
Tgt Ion: 97 Resp: 431875

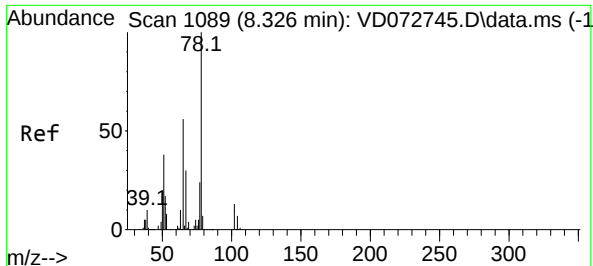
Ion Ratio Lower Upper

97 100

99 64.4 52.4 78.6

61 45.8 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 57.218 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

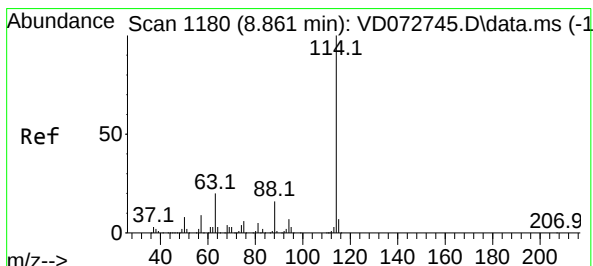
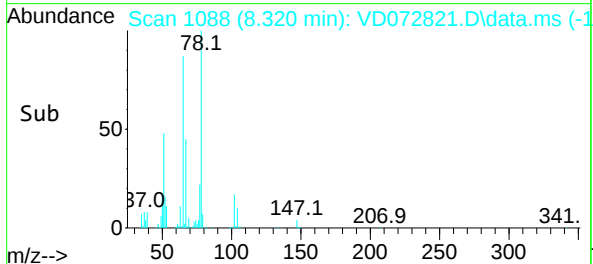
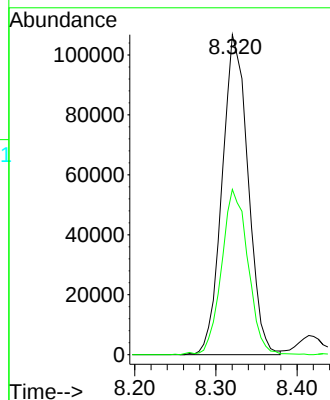
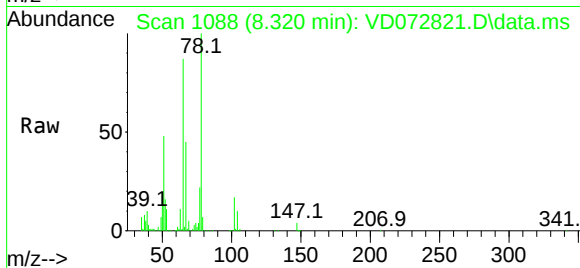
VSTDCCC050EC

Tgt Ion: 65 Resp: 236857

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

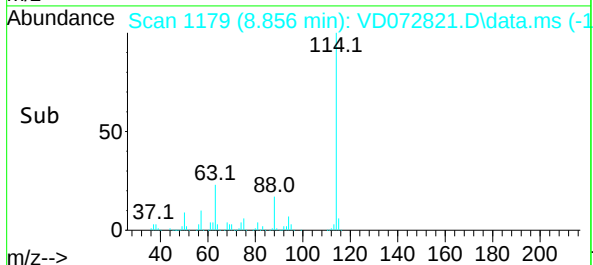
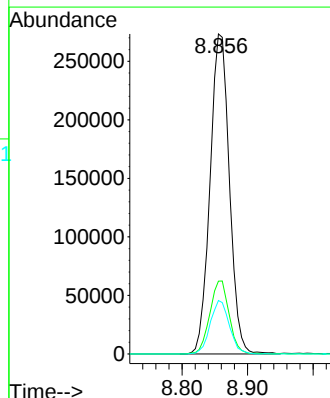
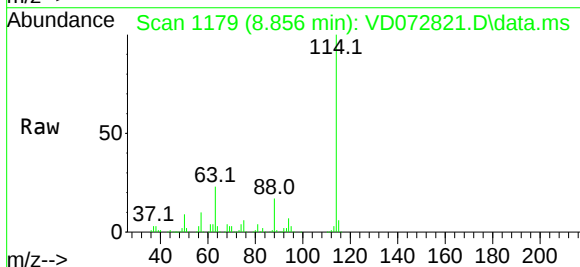
Tgt Ion: 114 Resp: 560291

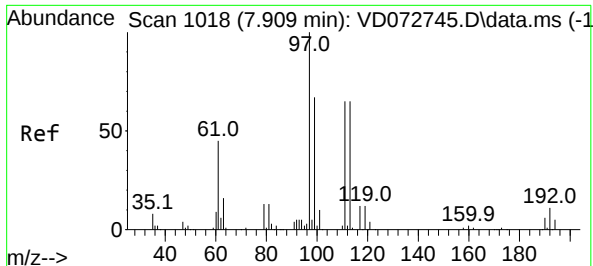
Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.6

88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.886 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

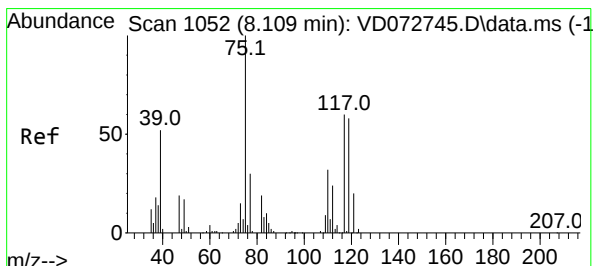
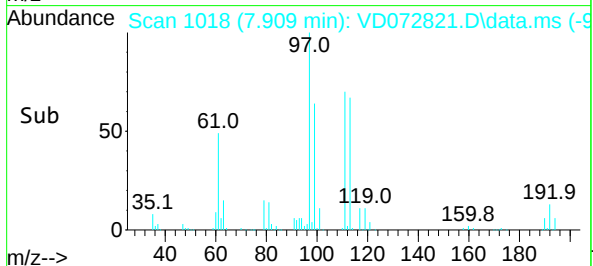
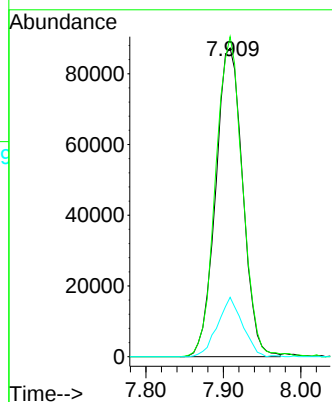
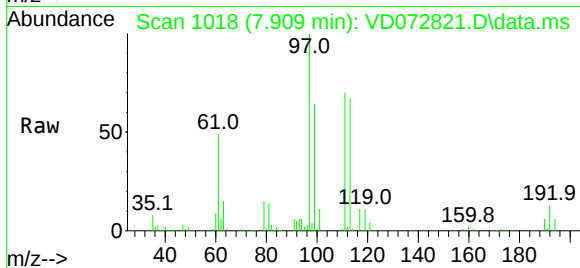
Tgt Ion:113 Resp: 212042

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 17.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 55.287 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

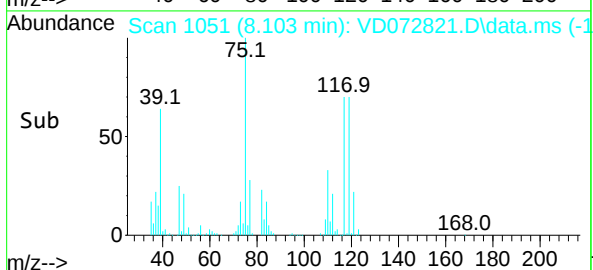
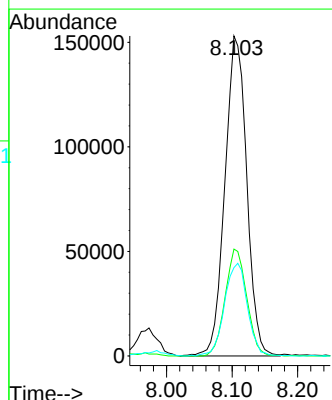
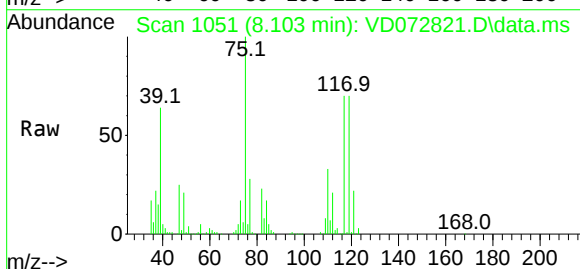
Tgt Ion: 75 Resp: 353751

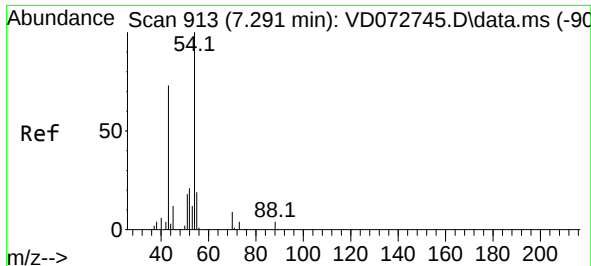
Ion Ratio Lower Upper

75 100

110 33.0 16.4 49.1

77 30.4 24.2 36.2

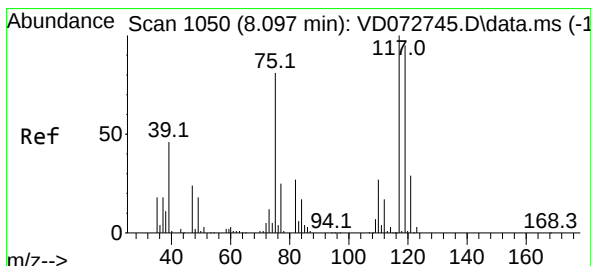
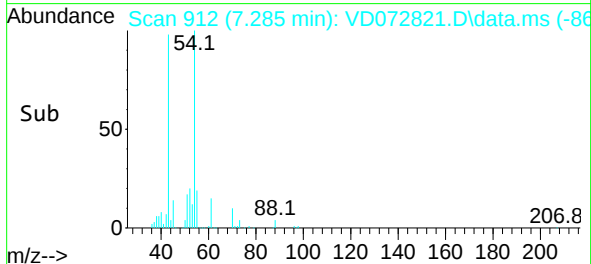
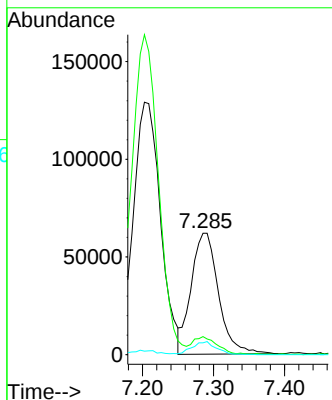
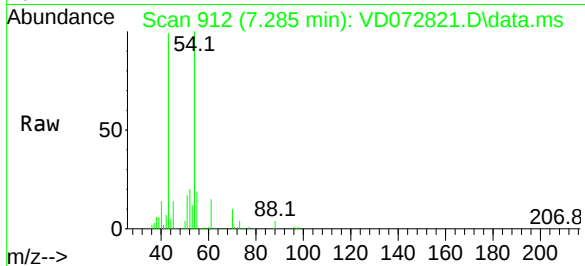




#37
Ethyl Acetate
Concen: 56.549 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

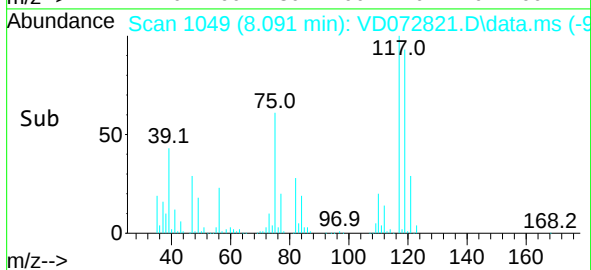
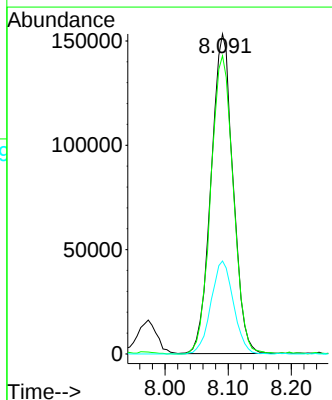
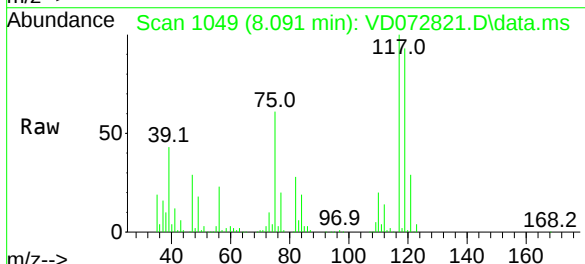
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

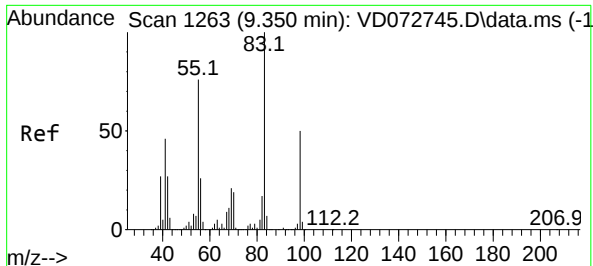
Tgt Ion: 43 Resp: 166331
Ion Ratio Lower Upper
43 100
61 12.8 9.8 14.8
70 9.6 6.9 10.3



#38
Carbon Tetrachloride
Concen: 55.568 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 117 Resp: 369075
Ion Ratio Lower Upper
117 100
119 93.3 75.8 113.6
121 29.1 24.5 36.7





#39

Methylcyclohexane

Concen: 53.279 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

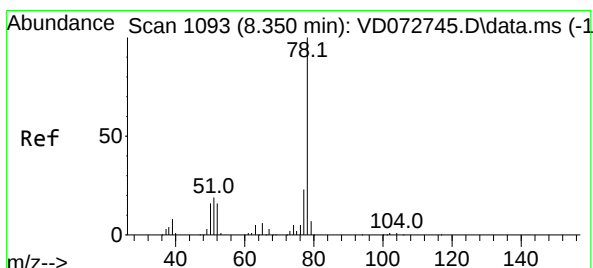
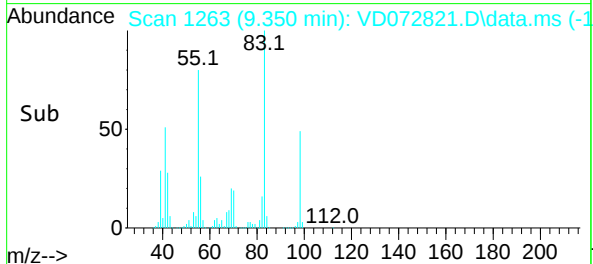
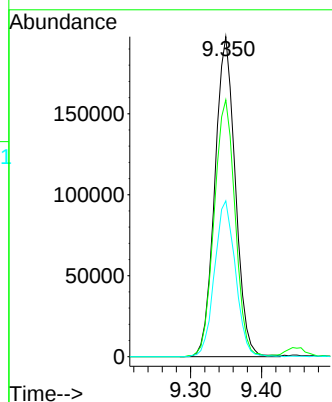
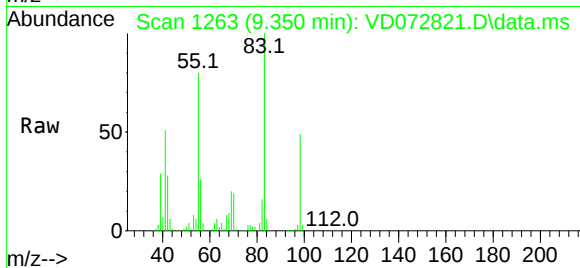
Tgt Ion: 83 Resp: 395421

Ion Ratio Lower Upper

83 100

55 80.2 63.2 94.8

98 48.7 38.2 57.4



#40

Benzene

Concen: 54.471 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072821.D

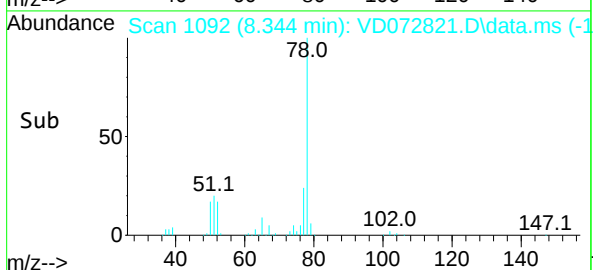
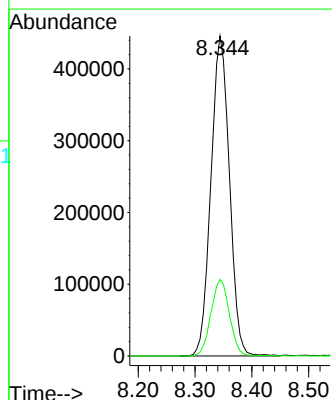
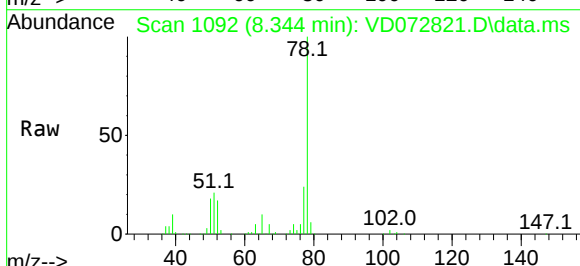
Acq: 05 May 2022 20:32

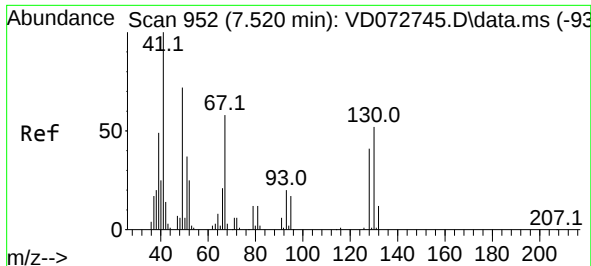
Tgt Ion: 78 Resp: 1006496

Ion Ratio Lower Upper

78 100

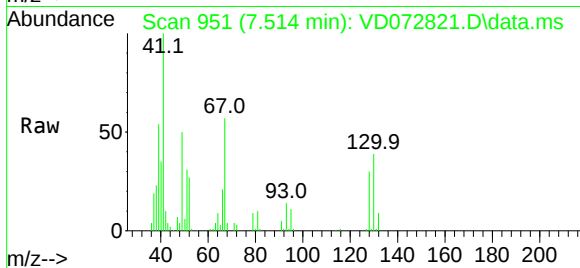
77 23.9 19.1 28.7



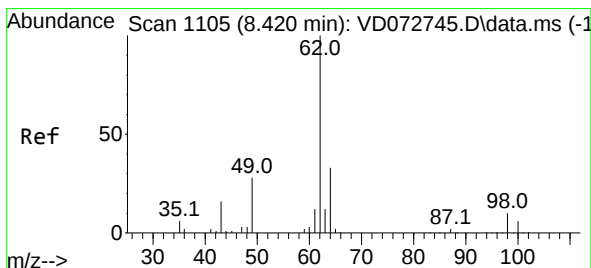
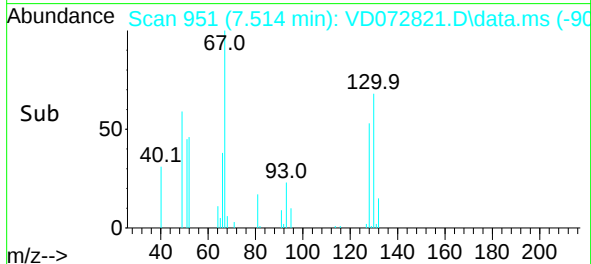
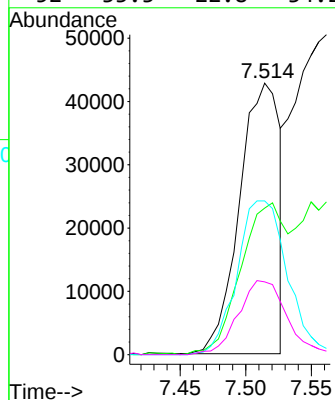


#41
Methacrylonitrile
Concen: 52.011 ug/l
RT: 7.514 min Scan# 910
Delta R.T. -0.006 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

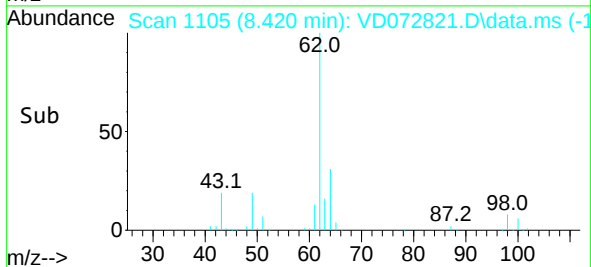
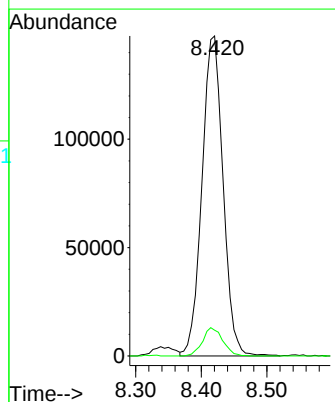
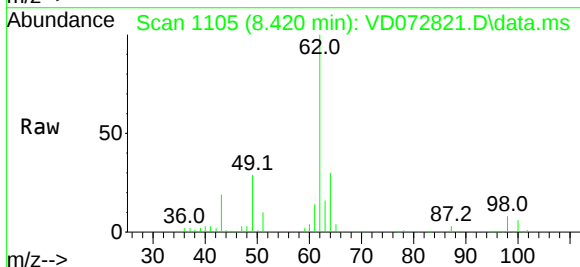


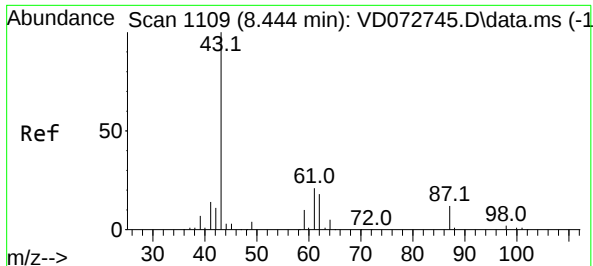
Tgt Ion: 41	Resp: 91092
Ion Ratio	Lower Upper
41 100	
39 63.3	44.6 67.0
67 71.3	48.2 72.4
52 33.3	22.8 34.2



#42
1,2-Dichloroethane
Concen: 59.337 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 62	Resp: 330393
Ion Ratio	Lower Upper
62 100	
98 8.5	0.0 17.6

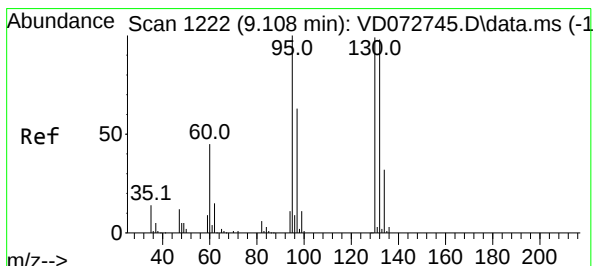
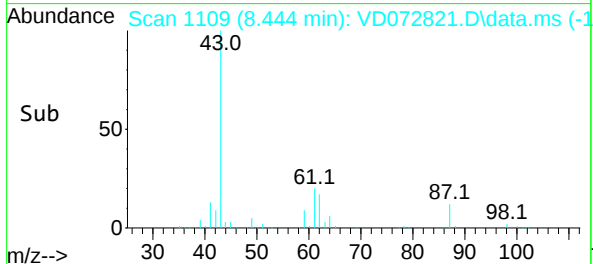
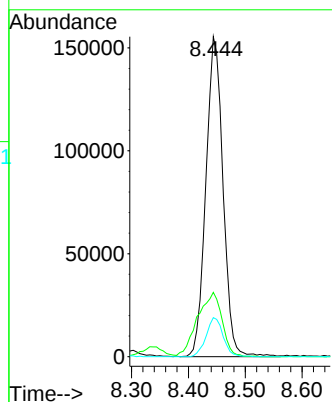
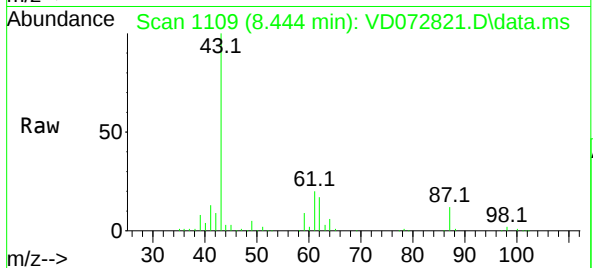




#43
Isopropyl Acetate
Concen: 59.963 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

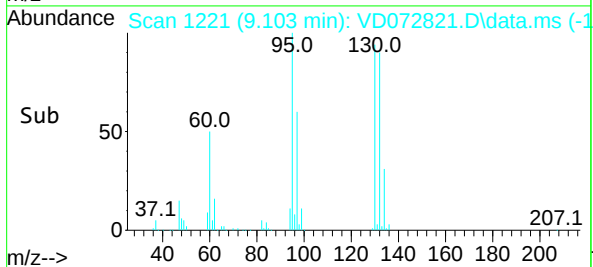
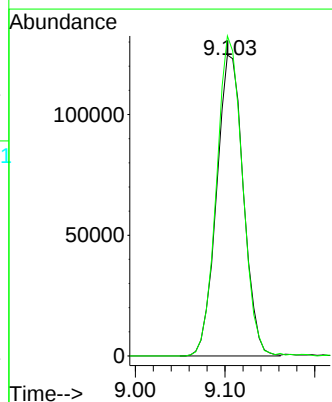
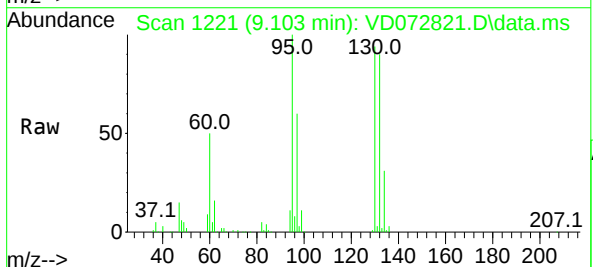
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

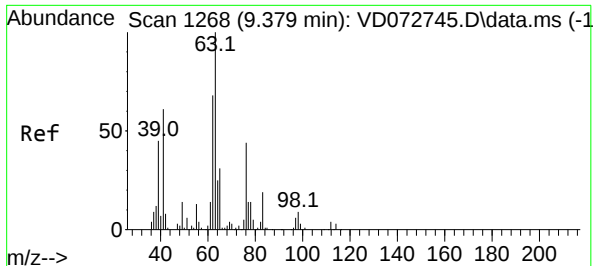
Tgt Ion: 43 Resp: 325535
Ion Ratio Lower Upper
43 100
61 28.5 22.4 33.6
87 12.1 8.7 13.1



#44
Trichloroethene
Concen: 52.245 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.005 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 130 Resp: 258267
Ion Ratio Lower Upper
130 100
95 106.3 0.0 205.4





#45

1,2-Dichloropropane

Concen: 54.636 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

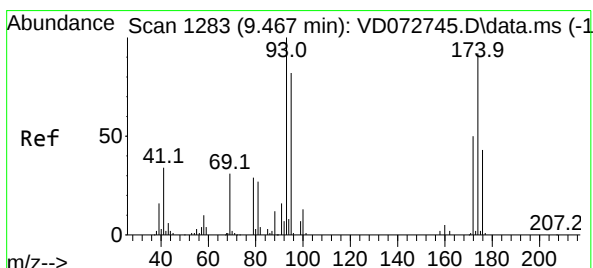
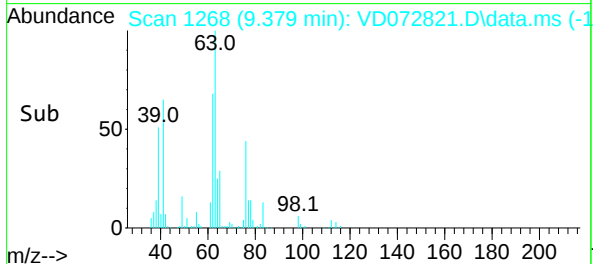
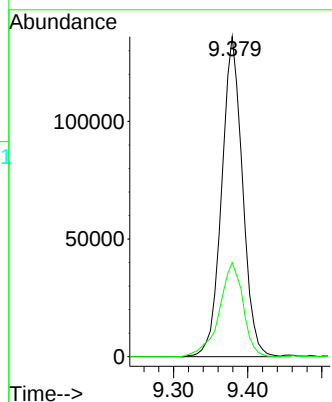
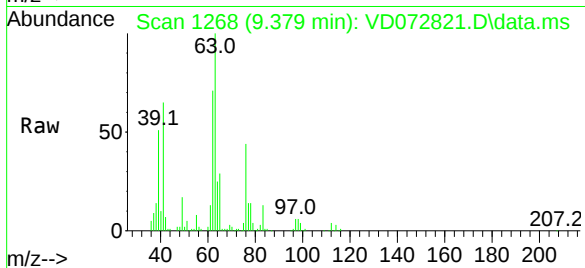
VSTDCCC050EC

Tgt Ion: 63 Resp: 265123

Ion Ratio Lower Upper

63 100

65 29.4 26.2 39.4



#46

Dibromomethane

Concen: 54.668 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

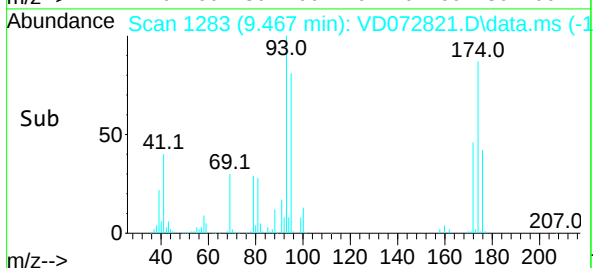
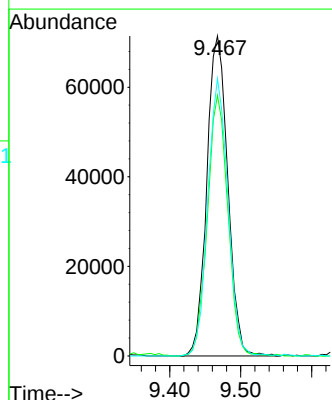
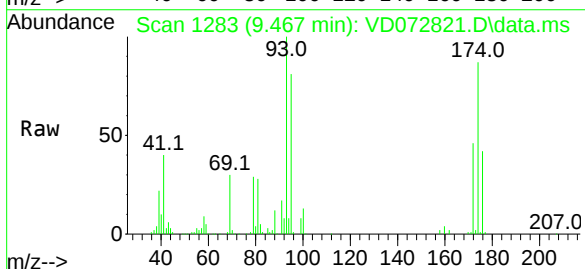
Tgt Ion: 93 Resp: 146334

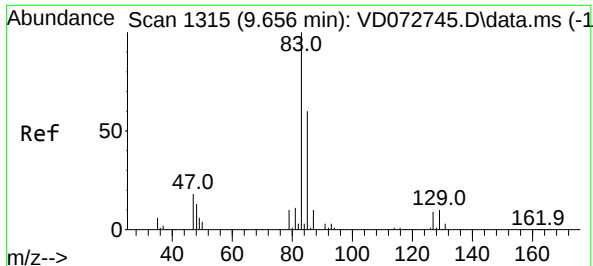
Ion Ratio Lower Upper

93 100

95 79.4 66.7 100.1

174 84.0 71.6 107.4

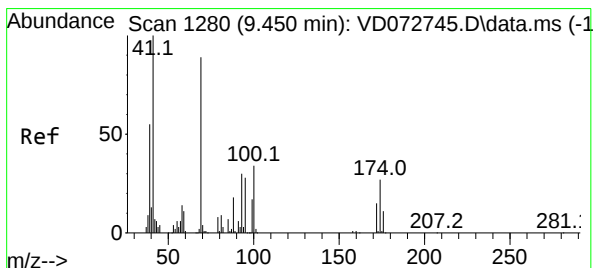
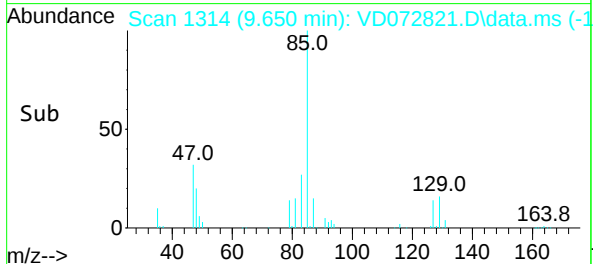
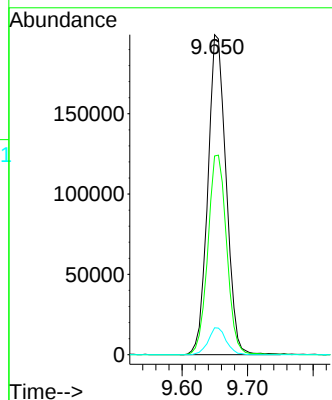
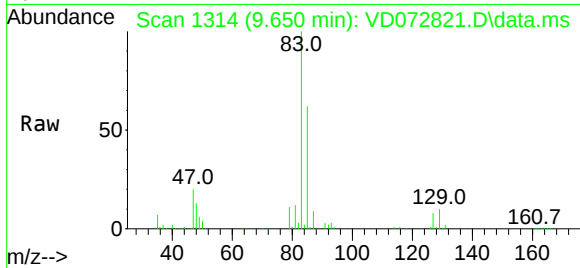




#47
Bromodichloromethane
Concen: 56.107 ug/l
RT: 9.650 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

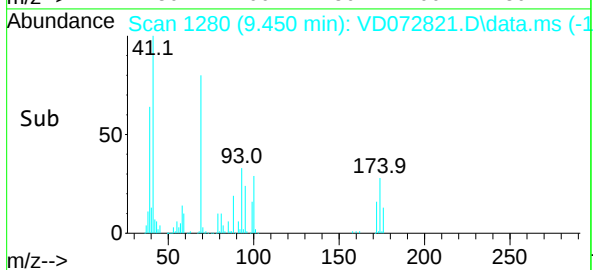
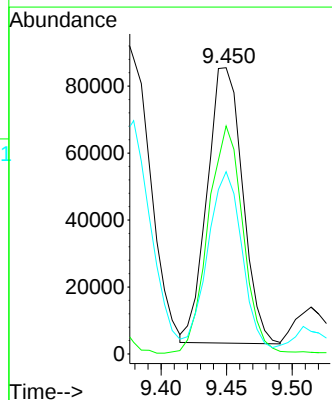
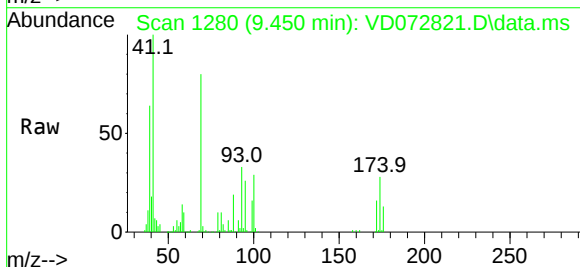
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

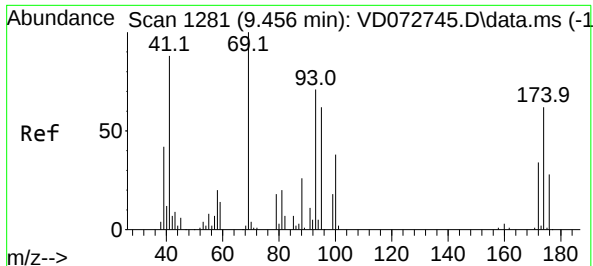
Tgt Ion: 83 Resp: 386358
Ion Ratio Lower Upper
83 100
85 62.1 51.4 77.0
127 8.4 6.1 9.1



#48
Methyl methacrylate
Concen: 58.228 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 41 Resp: 154648
Ion Ratio Lower Upper
41 100
69 82.5 56.7 85.1
39 65.5 42.7 64.1#





#49

1,4-Dioxane

Concen: 1036.040 ug/l

RT: 9.450 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

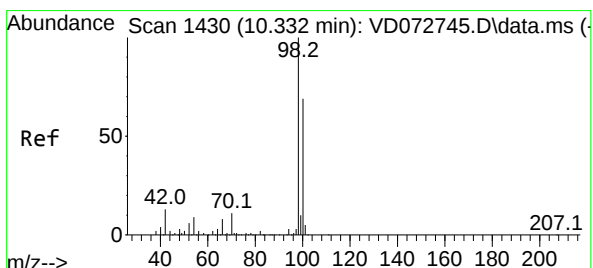
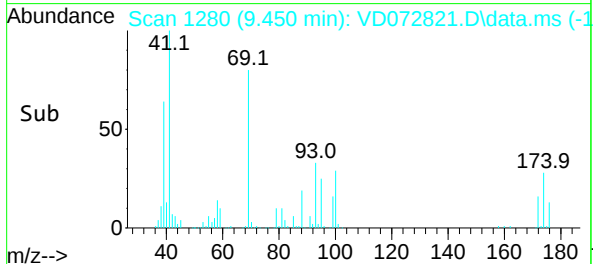
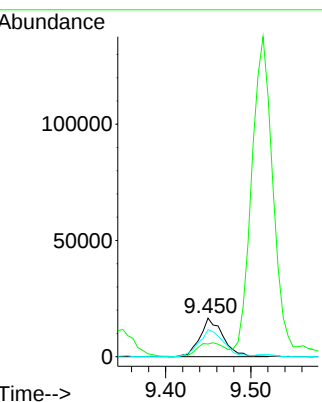
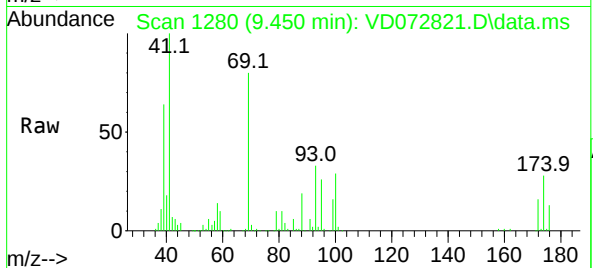
Tgt Ion: 88 Resp: 31229

Ion Ratio Lower Upper

88 100

43 42.0 31.0 46.4

58 74.6 58.1 87.1



#50

Toluene-d8

Concen: 54.309 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072821.D

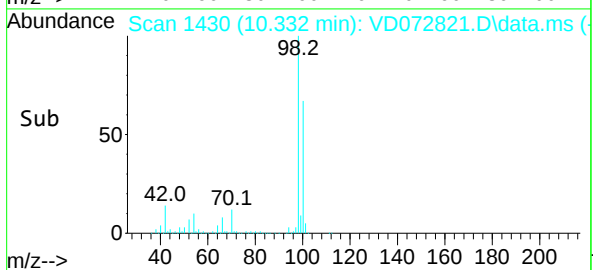
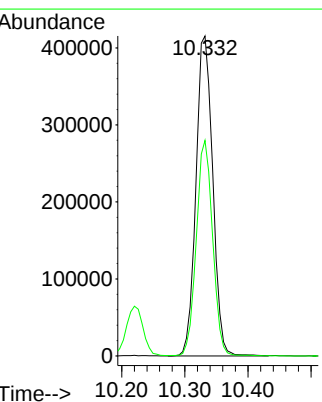
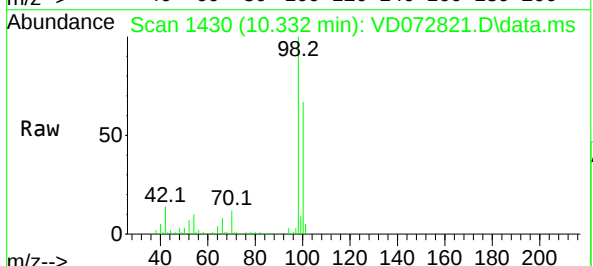
Acq: 05 May 2022 20:32

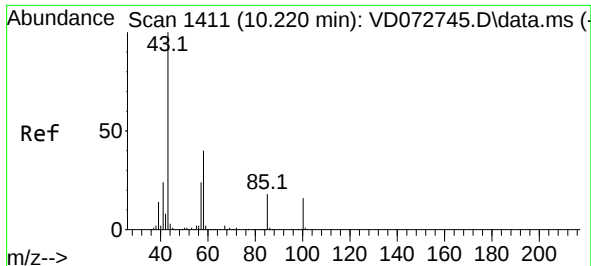
Tgt Ion: 98 Resp: 766582

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6

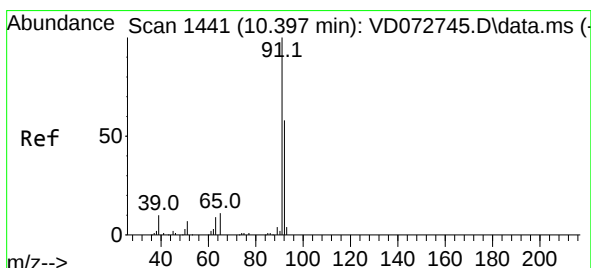
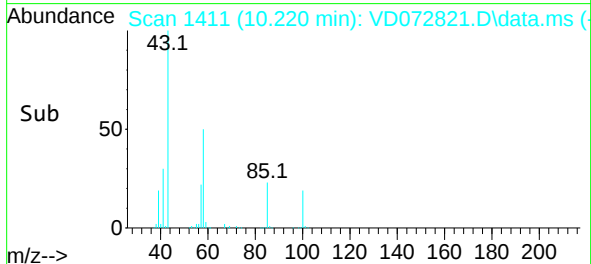
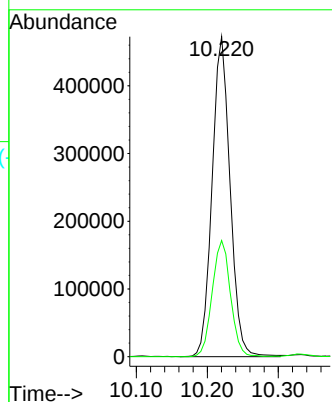
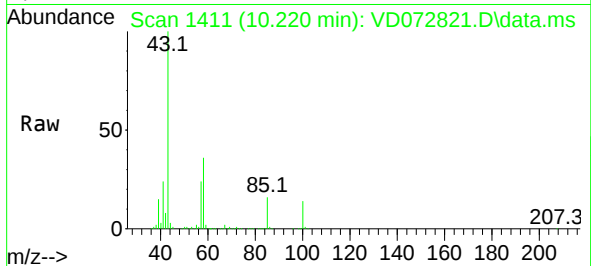




#51
4-Methyl-2-Pentanone
Concen: 295.071 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

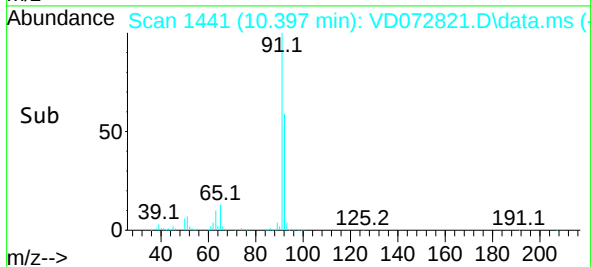
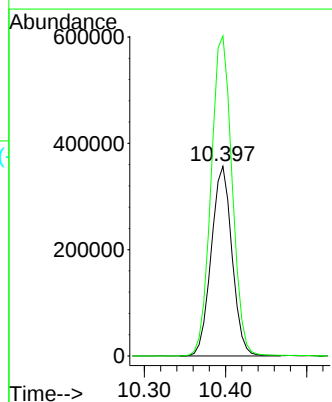
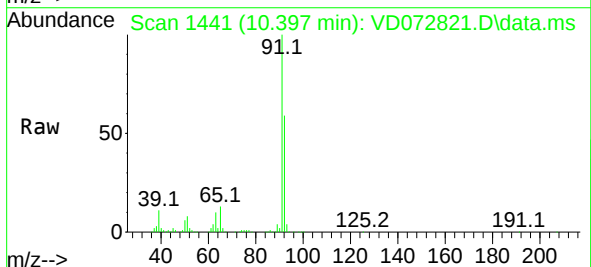
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

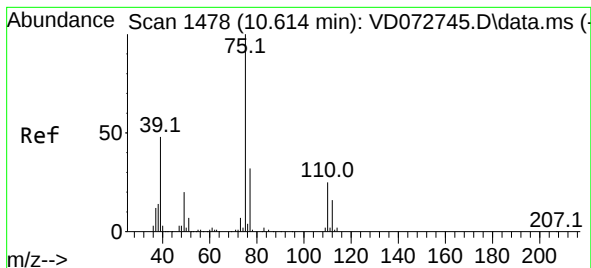
Tgt Ion: 43 Resp: 832410
Ion Ratio Lower Upper
43 100
58 36.9 28.6 43.0



#52
Toluene
Concen: 54.870 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 92 Resp: 632446
Ion Ratio Lower Upper
92 100
91 171.8 139.6 209.4

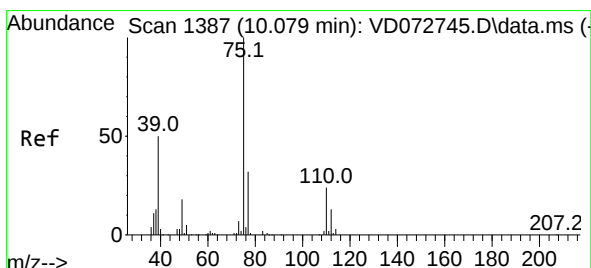
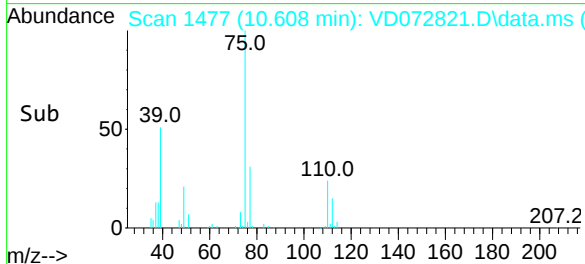
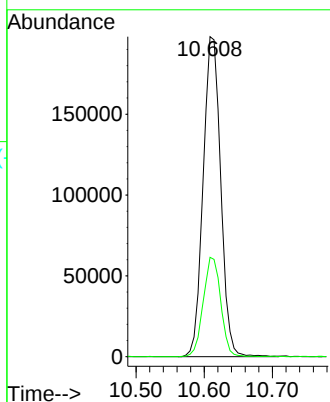
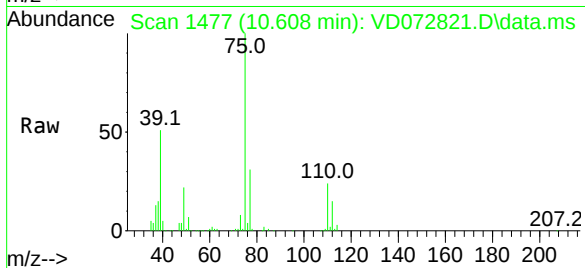




#53
 t-1,3-Dichloropropene
 Concen: 56.186 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. -0.006 min
 Lab File: VD072821.D
 Acq: 05 May 2022 20:32

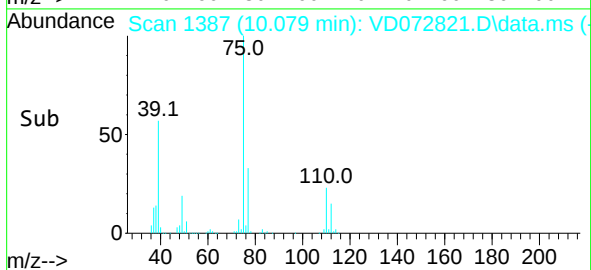
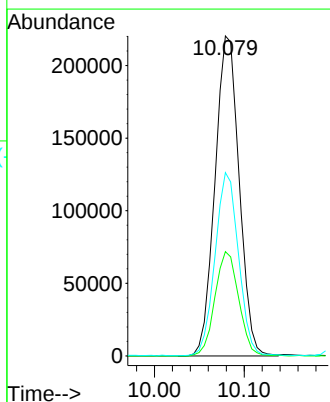
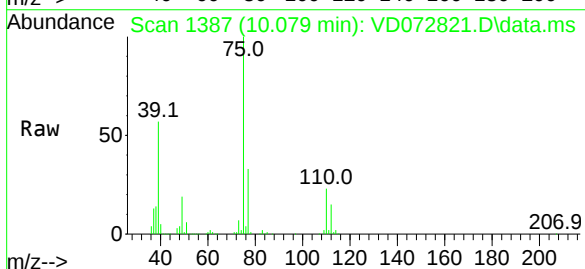
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

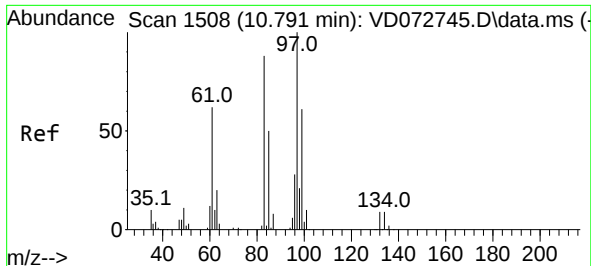
Tgt Ion: 75 Resp: 355376
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 56.153 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. 0.000 min
 Lab File: VD072821.D
 Acq: 05 May 2022 20:32

Tgt Ion: 75 Resp: 412635
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.8 37.2
 39 57.2 46.8 70.2

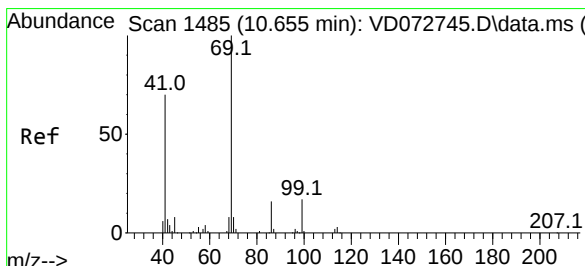
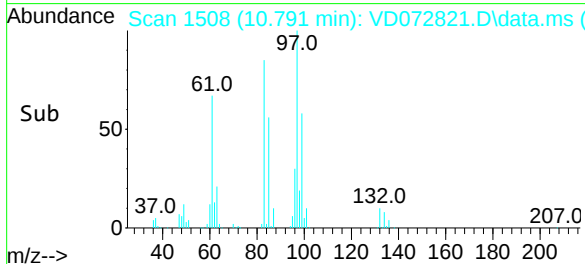
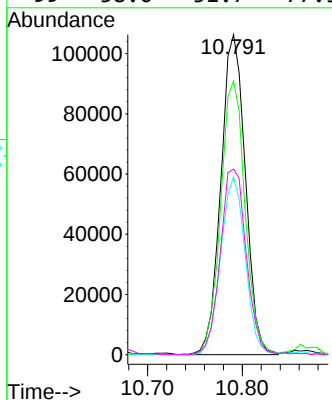
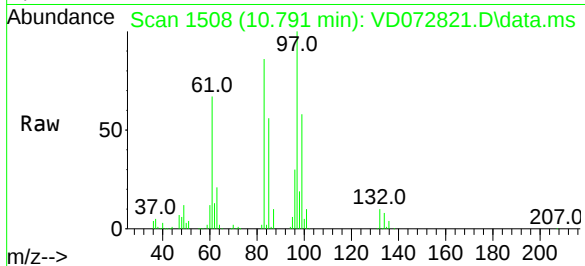




#55
1,1,2-Trichloroethane
Concen: 52.745 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

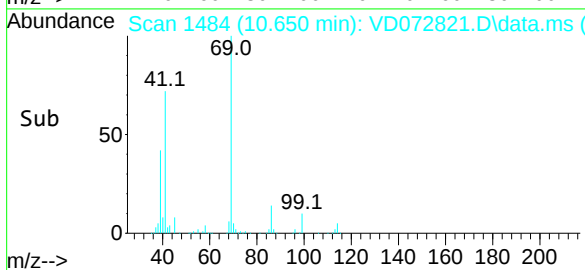
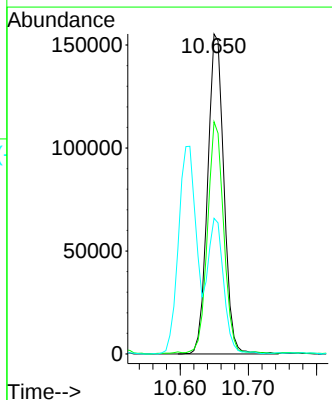
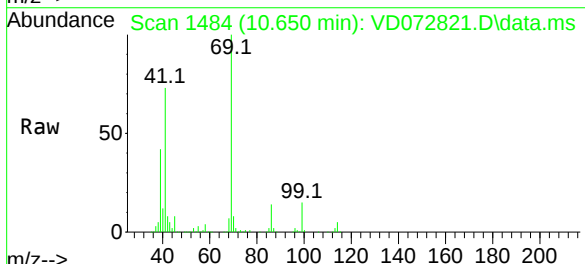
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

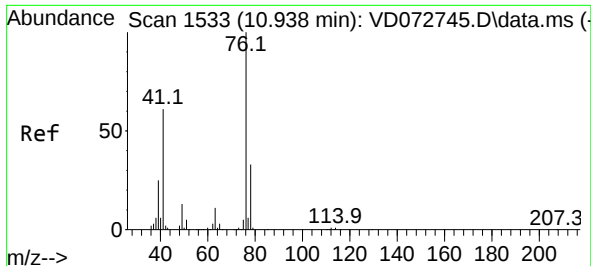
Tgt Ion:	97	Resp:	190861
Ion	Ratio	Lower	Upper
97	100		
83	85.5	69.0	103.4
85	55.6	42.6	63.8
99	58.0	51.7	77.5



#56
Ethyl methacrylate
Concen: 60.516 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.005 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion:	69	Resp:	257831
Ion	Ratio	Lower	Upper
69	100		
41	71.6	63.0	94.6
39	41.4	33.8	50.8

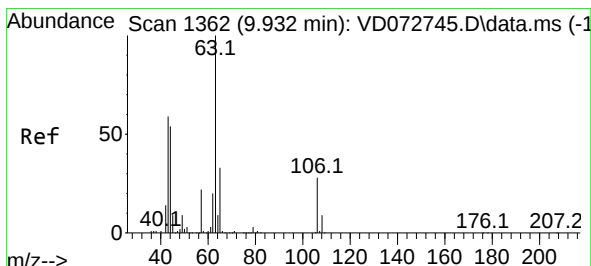
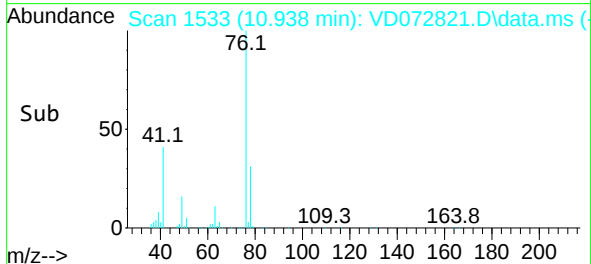
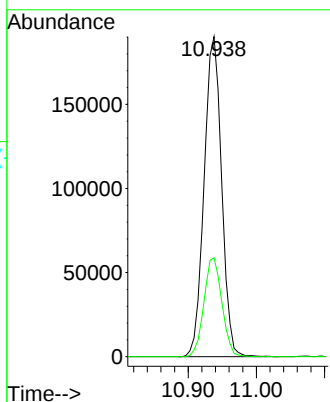
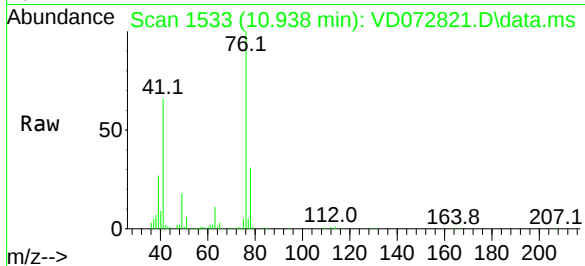




#57
 1,3-Dichloropropane
 Concen: 54.689 ug/l
 RT: 10.938 min Scan# 1533
 Delta R.T. -0.000 min
 Lab File: VD072821.D
 Acq: 05 May 2022 20:32

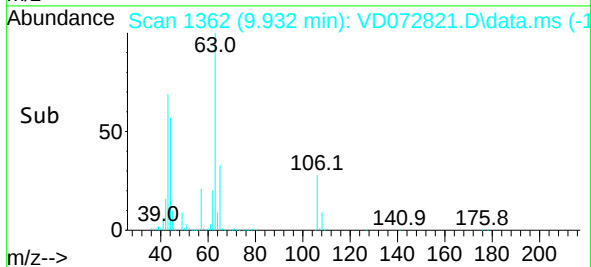
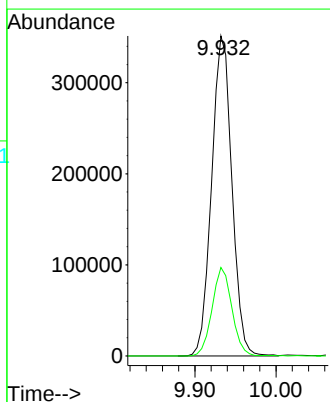
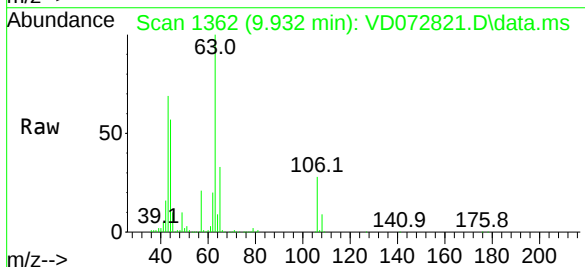
Instrument :
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 ClientSampleId :
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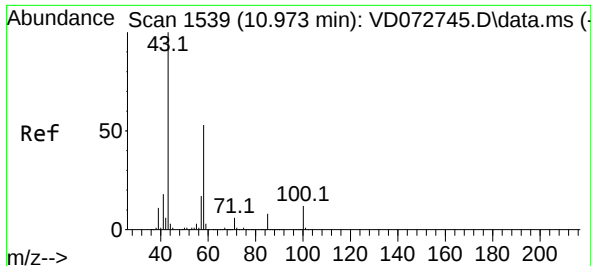
Tgt Ion: 76 Resp: 339606
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 295.379 ug/l
 RT: 9.932 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VD072821.D
 Acq: 05 May 2022 20:32

Tgt Ion: 63 Resp: 610162
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.4 32.0

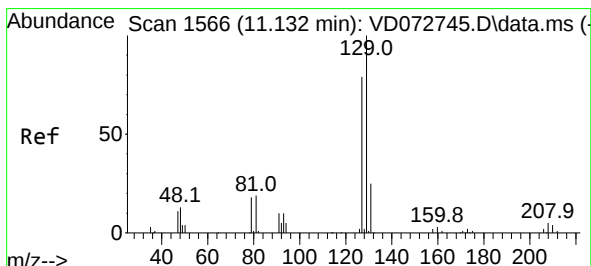
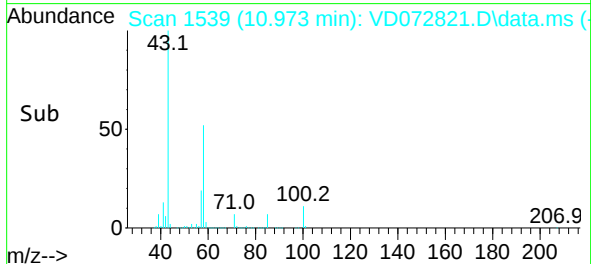
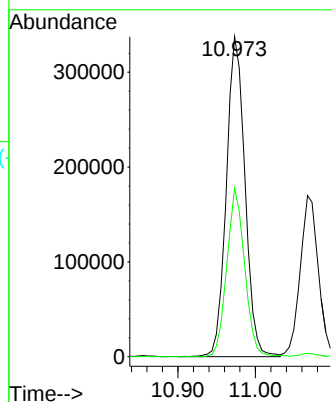
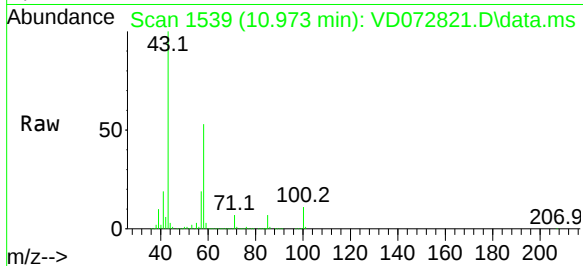




#59
2-Hexanone
Concen: 297.397 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

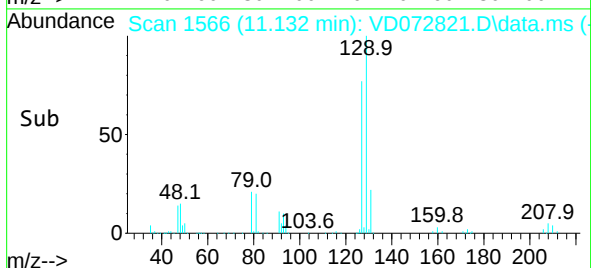
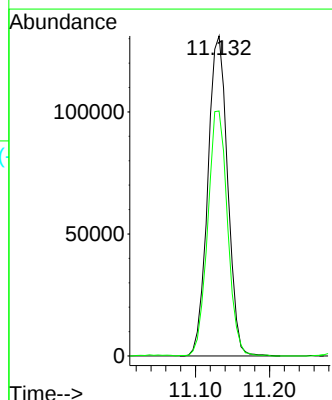
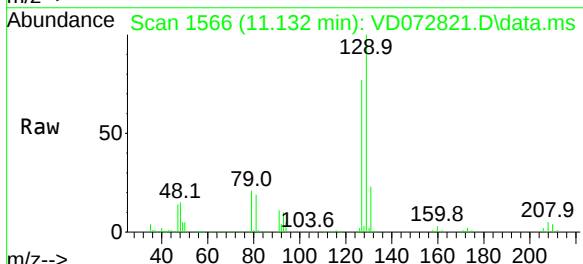
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

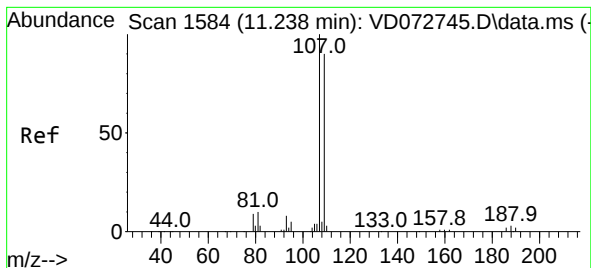
Tgt Ion: 43 Resp: 564532
Ion Ratio Lower Upper
43 100
58 50.5 25.3 75.9



#60
Dibromochloromethane
Concen: 53.466 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion:129 Resp: 243552
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6

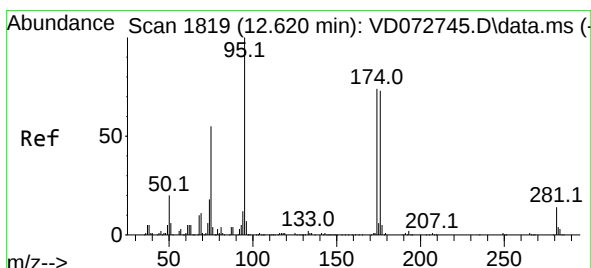
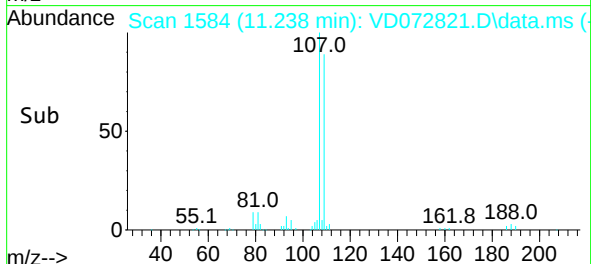
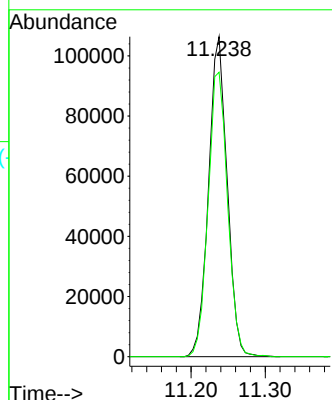
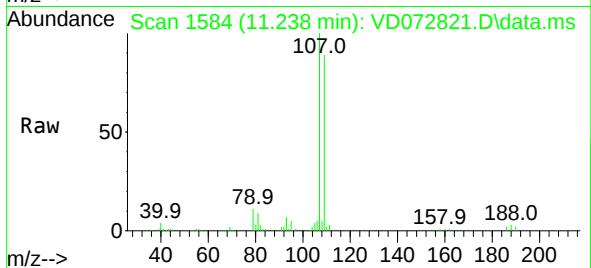




#61
1,2-Dibromoethane
Concen: 52.740 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

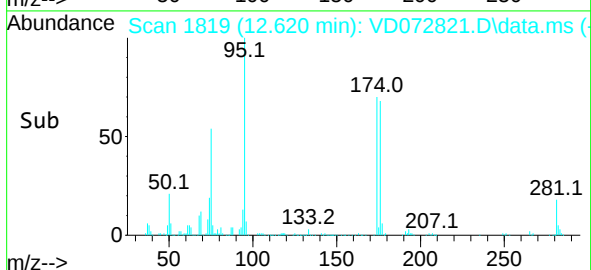
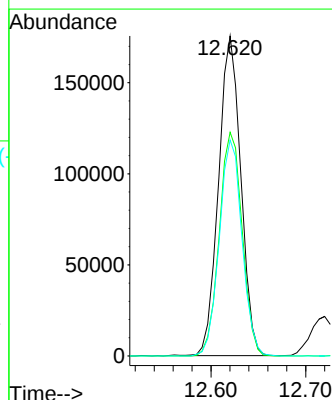
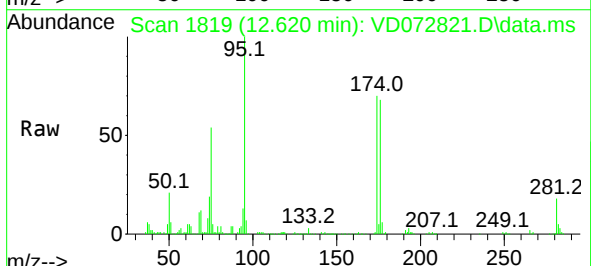
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

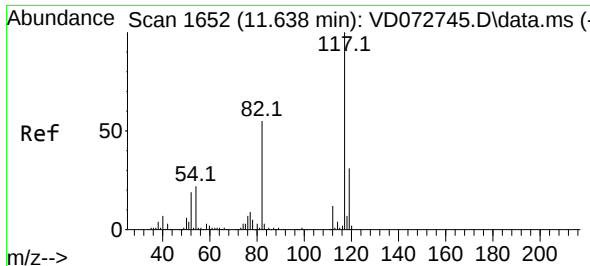
Tgt Ion:107 Resp: 185758
Ion Ratio Lower Upper
107 100
109 93.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 54.416 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 95 Resp: 286399
Ion Ratio Lower Upper
95 100
174 72.0 0.0 152.8
176 68.9 0.0 145.4

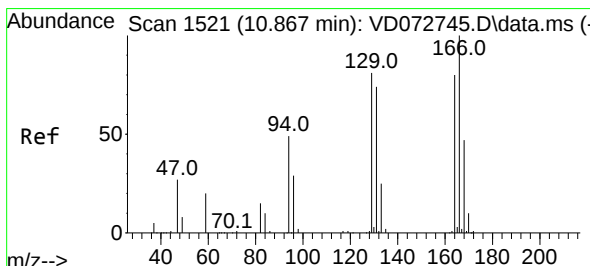
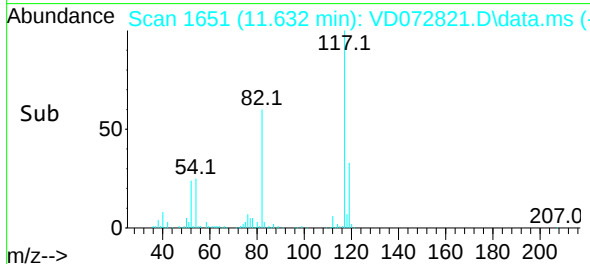
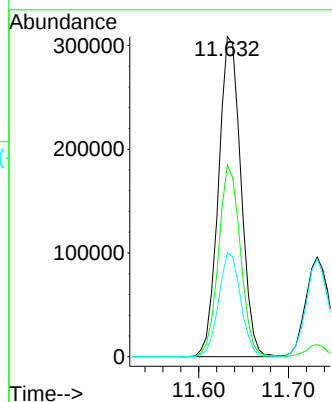
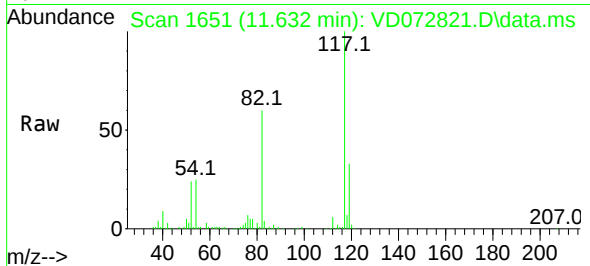




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

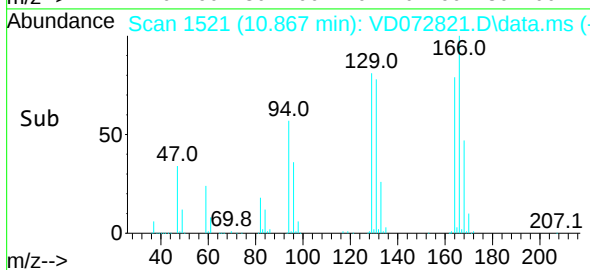
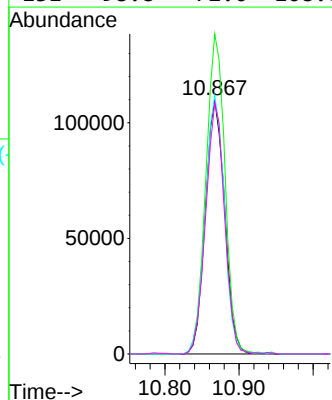
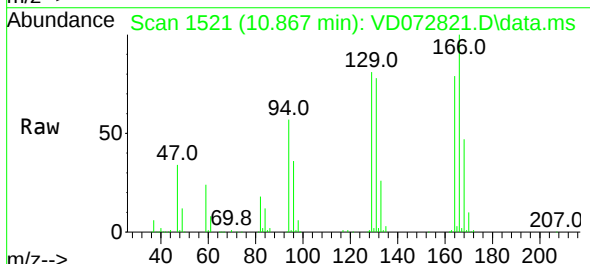
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

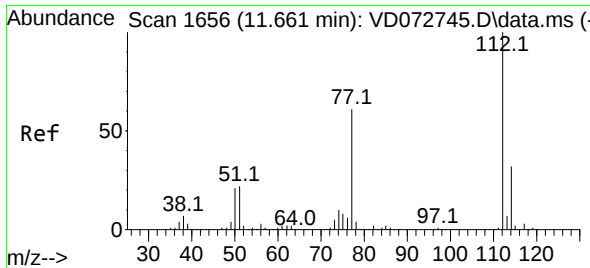
Tgt Ion:117 Resp: 536394
Ion Ratio Lower Upper
117 100
82 59.9 45.3 67.9
119 32.6 26.6 40.0



#64
Tetrachloroethene
Concen: 50.997 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion:164 Resp: 199993
Ion Ratio Lower Upper
164 100
166 126.1 98.5 147.7
129 101.9 74.6 111.8
131 98.8 72.0 108.0

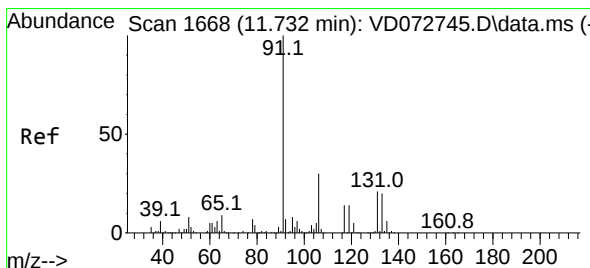
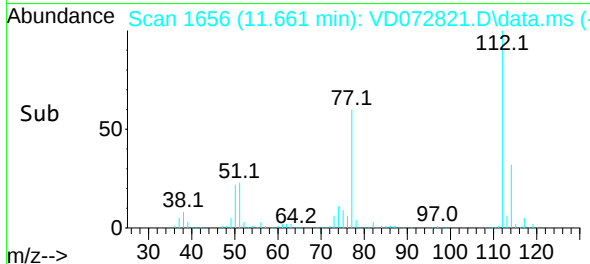
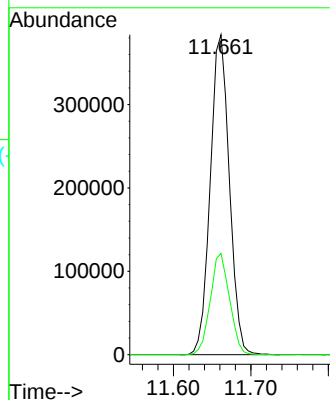
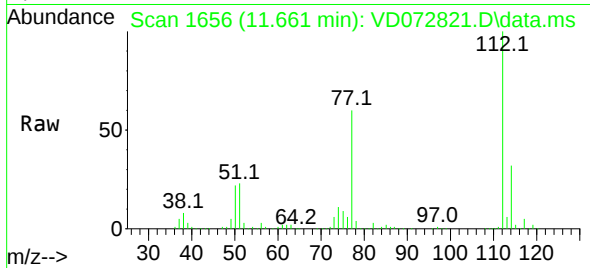




#65
Chlorobenzene
Concen: 52.927 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

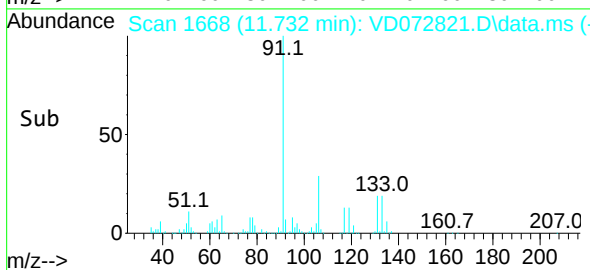
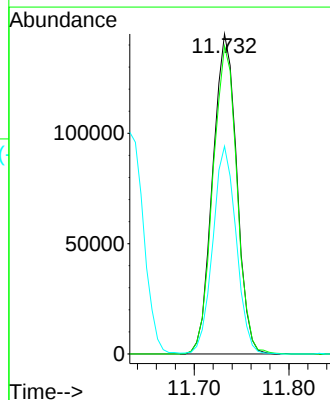
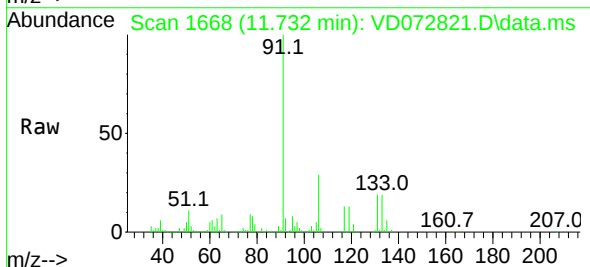
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

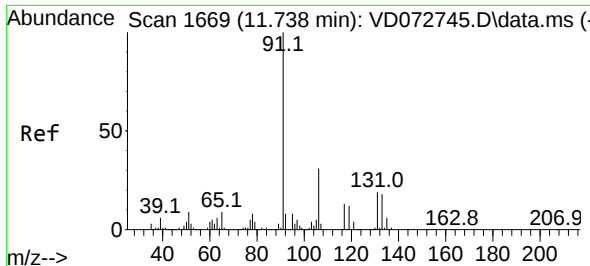
Tgt Ion:112 Resp: 656641
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.653 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion:131 Resp: 254822
Ion Ratio Lower Upper
131 100
133 96.7 48.1 144.3
119 63.4 31.9 95.9

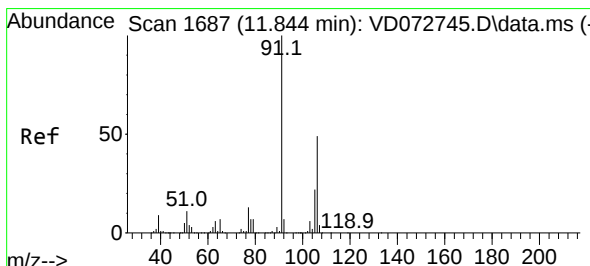
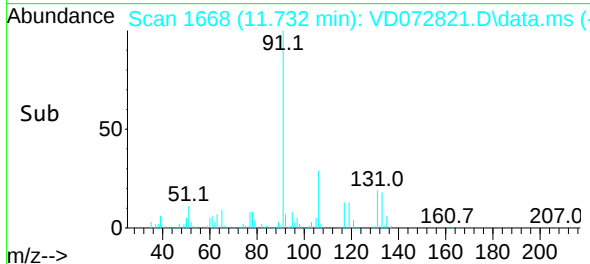
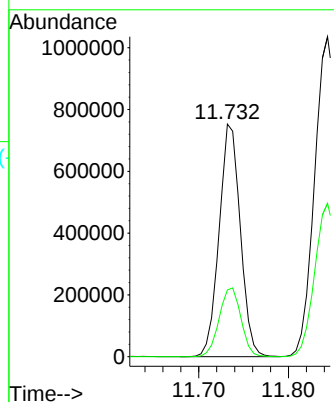
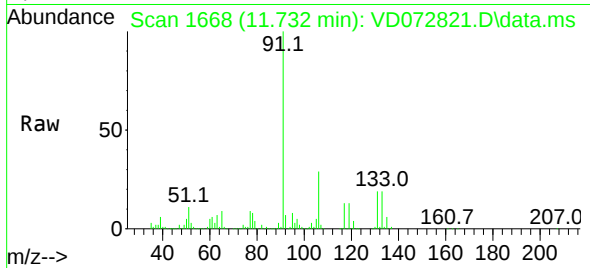




#67
Ethyl Benzene
Concen: 57.507 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

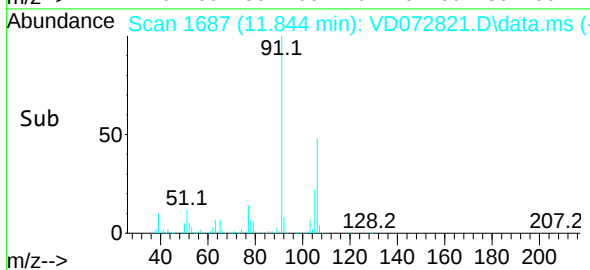
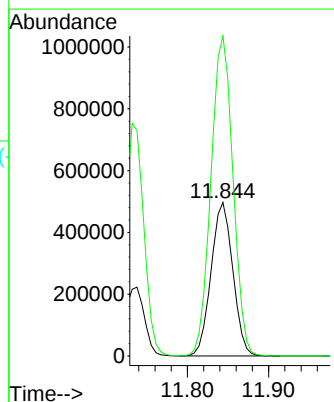
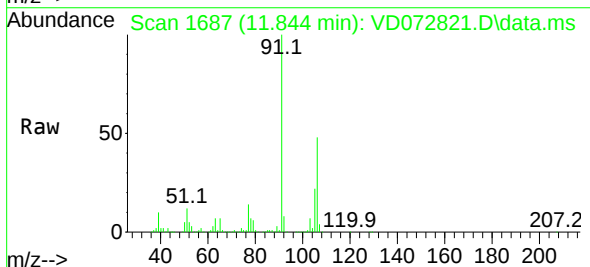
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

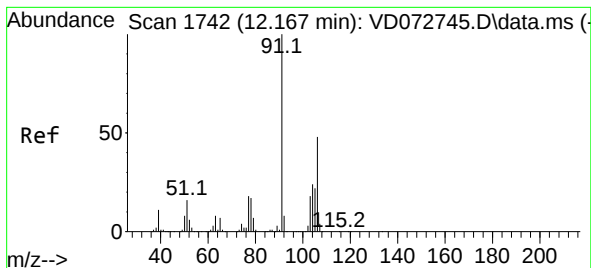
Tgt Ion: 91 Resp: 1234736
Ion Ratio Lower Upper
91 100
106 28.7 24.2 36.4



#68
m/p-Xylenes
Concen: 111.705 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 106 Resp: 923874
Ion Ratio Lower Upper
106 100
91 211.6 163.7 245.5





#69

o-Xylene

Concen: 57.154 ug/l

RT: 12.167 min Scan# 1742

Delta R.T. 0.000 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

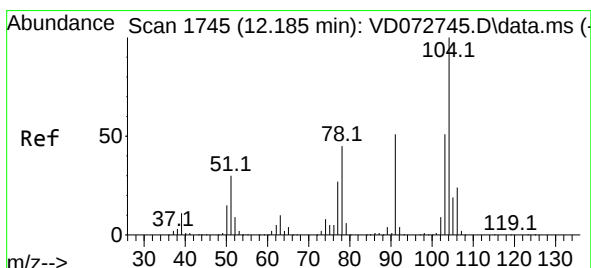
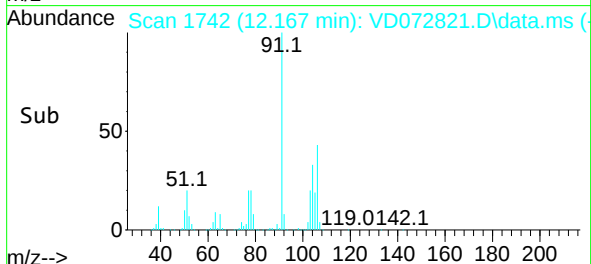
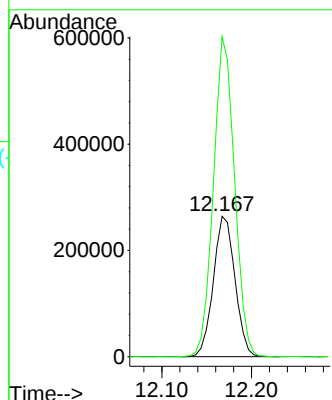
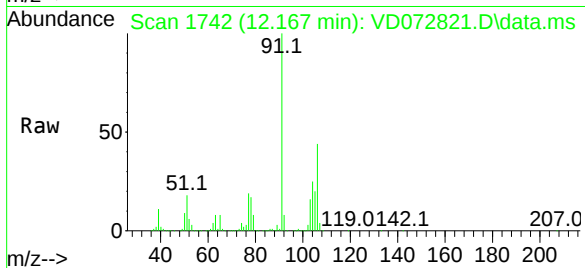
VSTDCCC050EC

Tgt Ion:106 Resp: 441473

Ion Ratio Lower Upper

106 100

91 223.0 110.4 331.2



#70

Styrene

Concen: 57.850 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

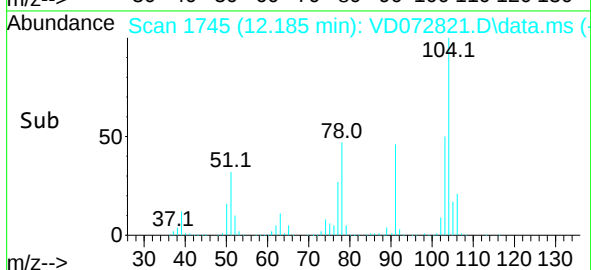
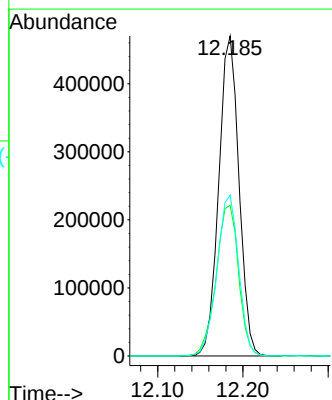
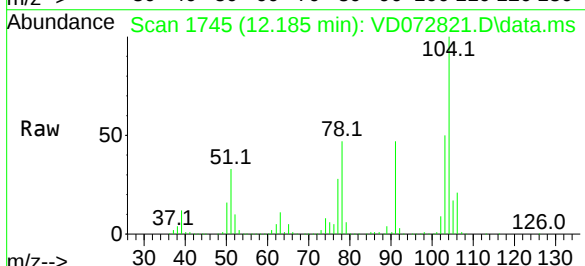
Tgt Ion:104 Resp: 774210

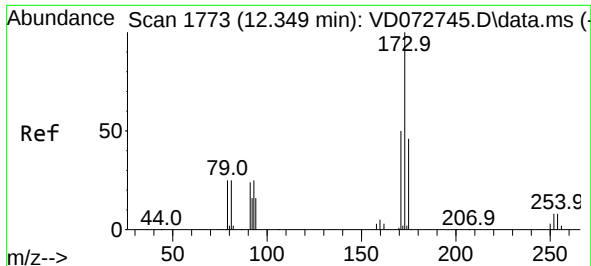
Ion Ratio Lower Upper

104 100

78 52.5 41.8 62.8

103 54.0 44.2 66.4

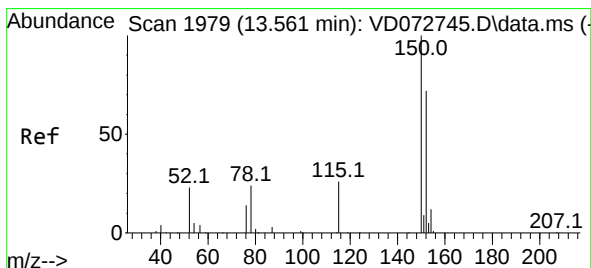
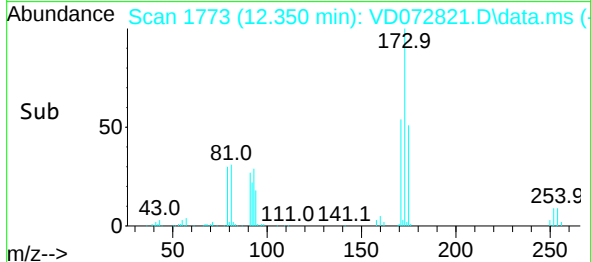
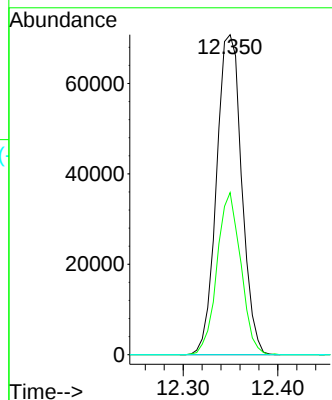
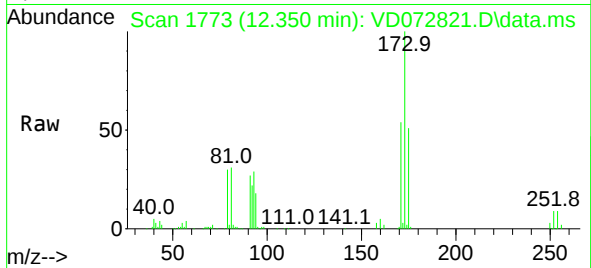




#71
Bromoform
Concen: 51.678 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

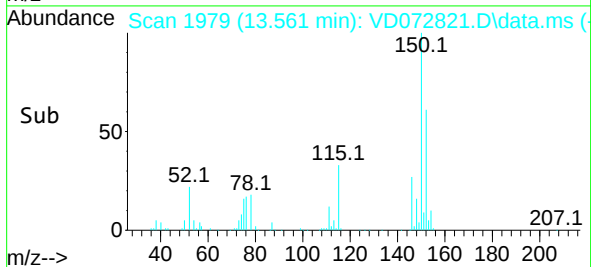
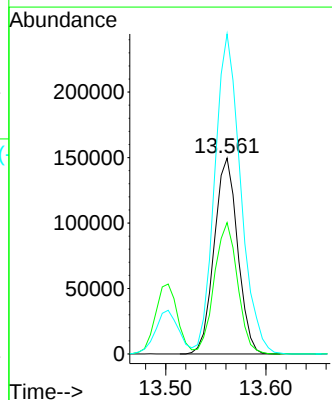
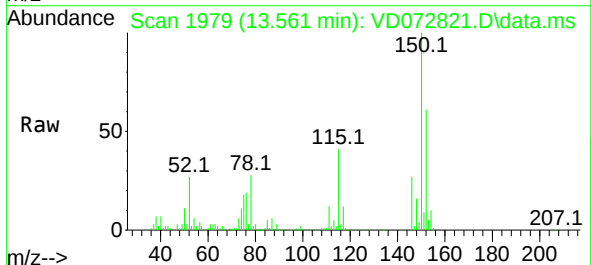
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

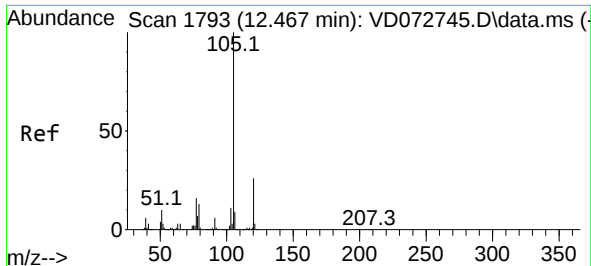
Tgt Ion:173 Resp: 130587
Ion Ratio Lower Upper
173 100
175 47.9 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion:152 Resp: 243326
Ion Ratio Lower Upper
152 100
115 66.8 31.3 93.8
150 180.3 0.0 348.6

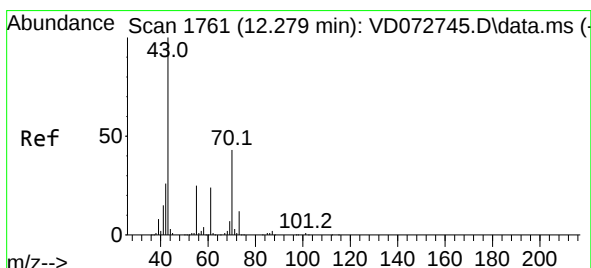
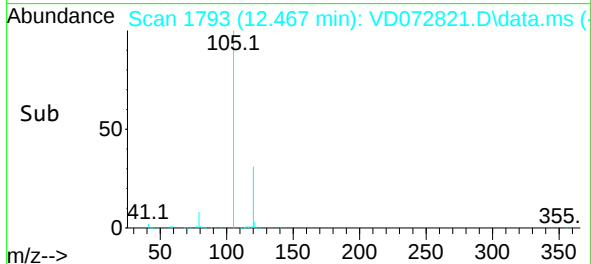
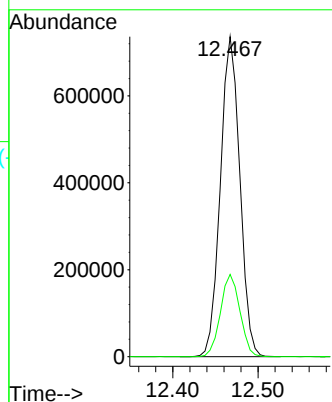
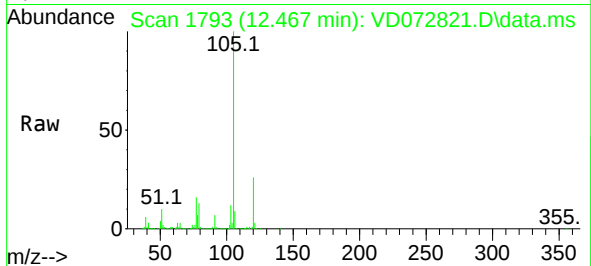




#73
Isopropylbenzene
Concen: 61.736 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

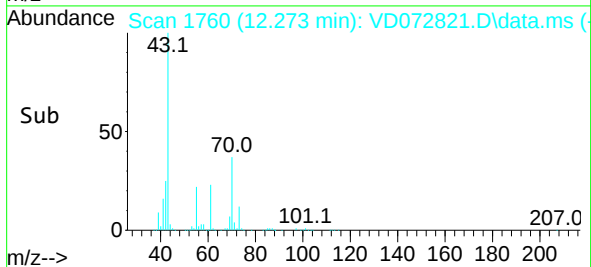
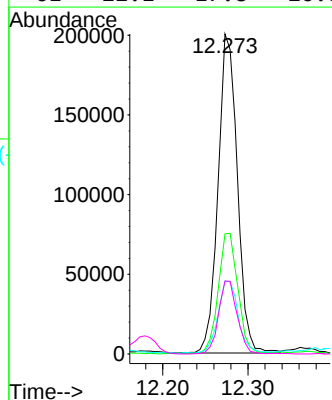
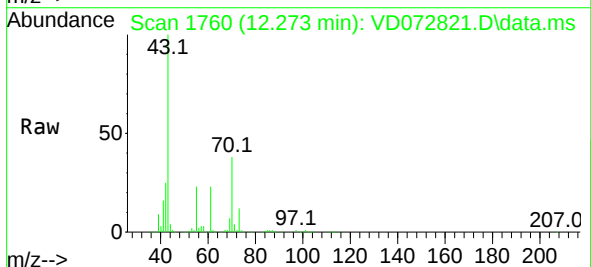
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

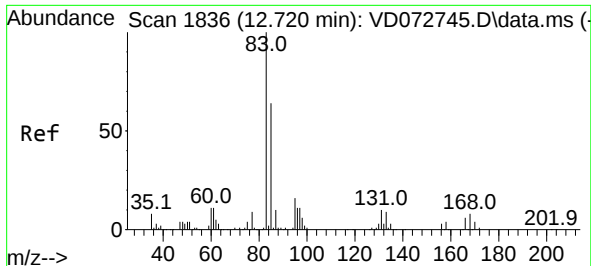
Tgt Ion:105 Resp: 1168747
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9



#74
N-ethyl acetate
Concen: 66.996 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 43 Resp: 315855
Ion Ratio Lower Upper
43 100
70 38.8 31.3 46.9
55 24.1 20.0 30.0
61 22.1 17.8 26.8

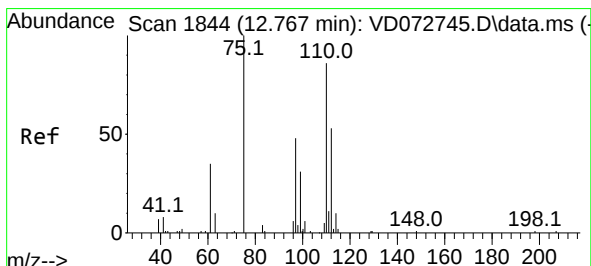
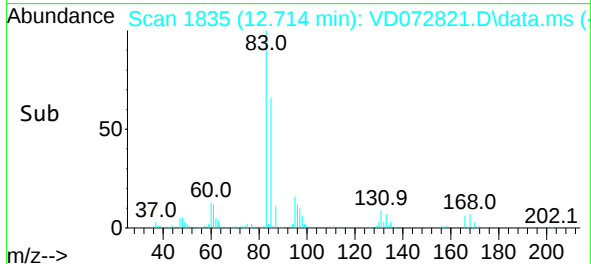
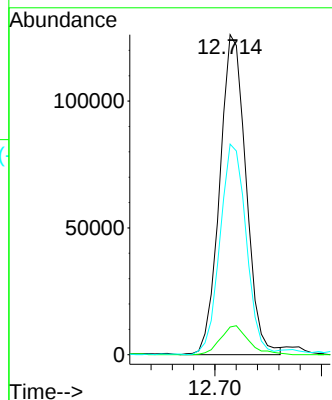
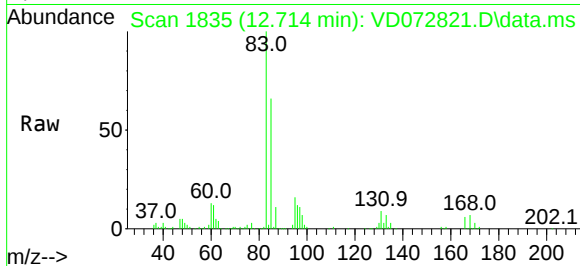




#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.547 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD072821.D
 Acq: 05 May 2022 20:32

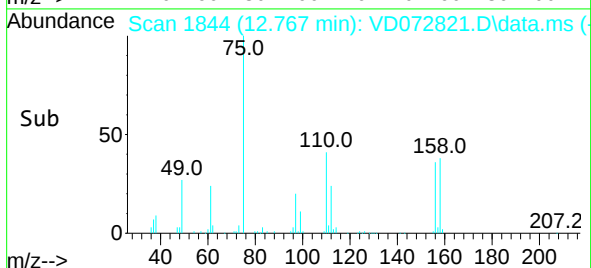
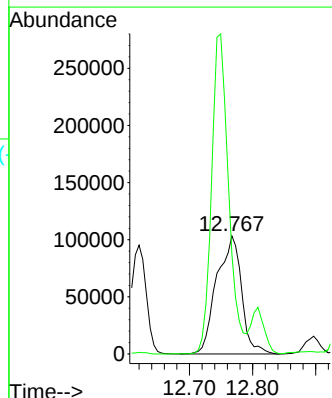
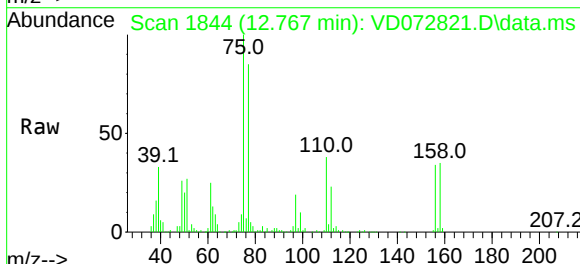
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

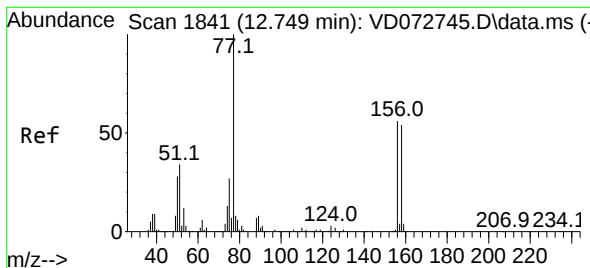
Tgt Ion: 83 Resp: 216096
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 14.9
 85 65.7 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 104.038 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD072821.D
 Acq: 05 May 2022 20:32

Tgt Ion: 75 Resp: 282280
 Ion Ratio Lower Upper
 75 100
 77 187.0 0.0 0.0#





#77

Bromobenzene

Concen: 56.754 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

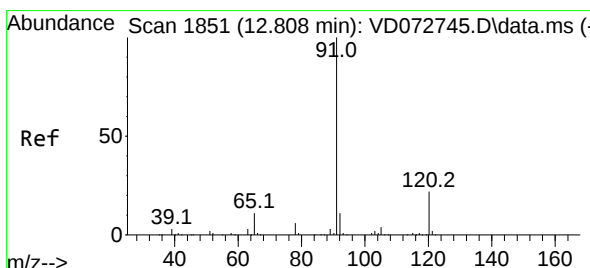
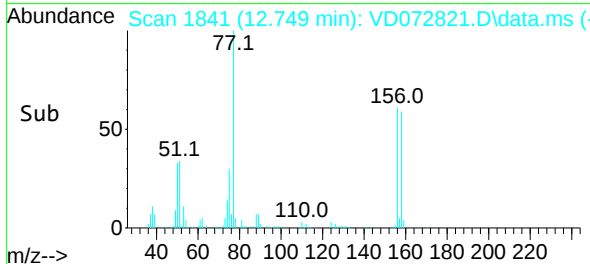
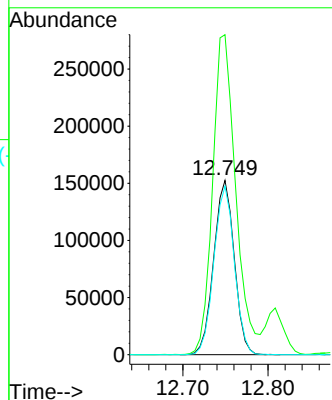
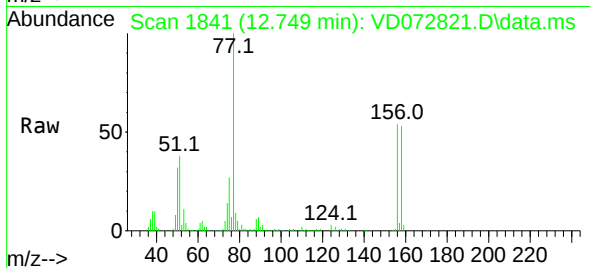
Tgt Ion:156 Resp: 255139

Ion Ratio Lower Upper

156 100

77 206.9 102.8 308.3

158 96.5 48.7 146.1



#78

n-propylbenzene

Concen: 60.653 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD072821.D

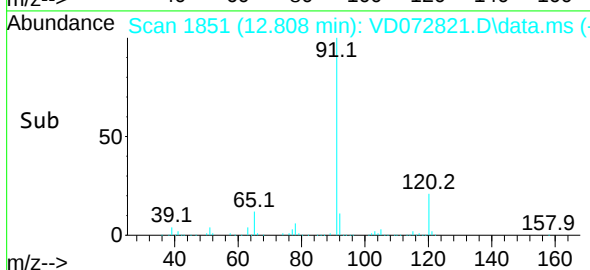
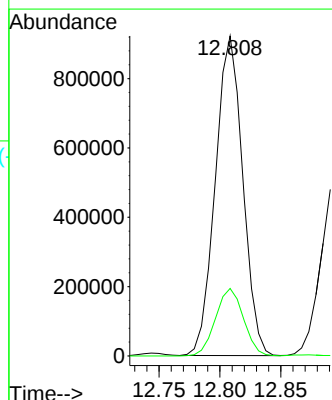
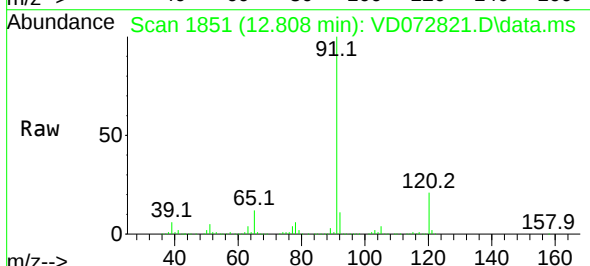
Acq: 05 May 2022 20:32

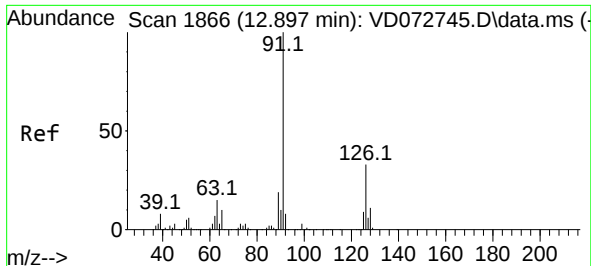
Tgt Ion: 91 Resp: 1447181

Ion Ratio Lower Upper

91 100

120 21.4 10.9 32.9

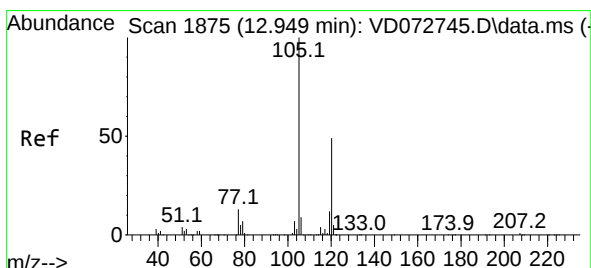
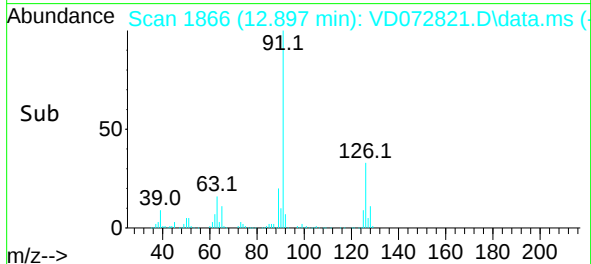
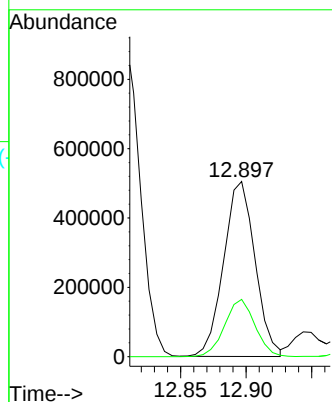
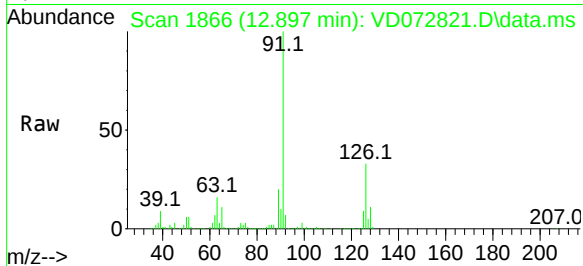




#79
2-Chlorotoluene
Concen: 60.397 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

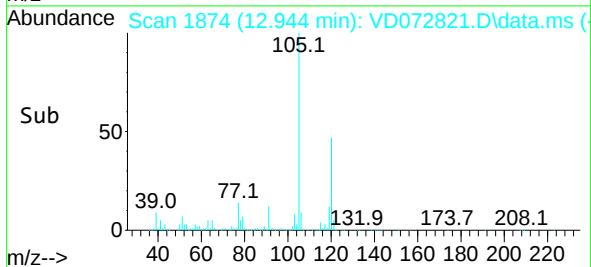
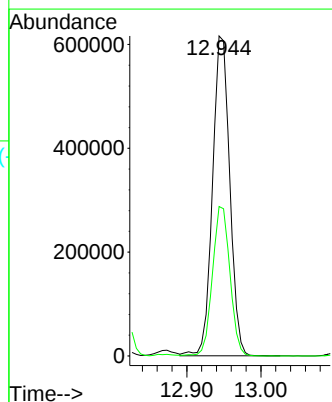
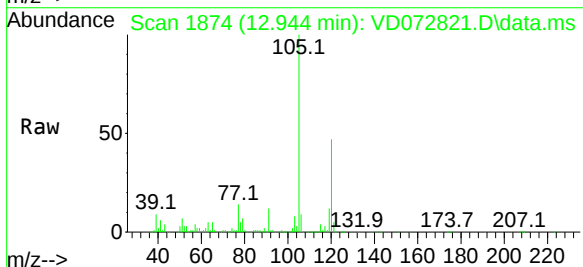
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

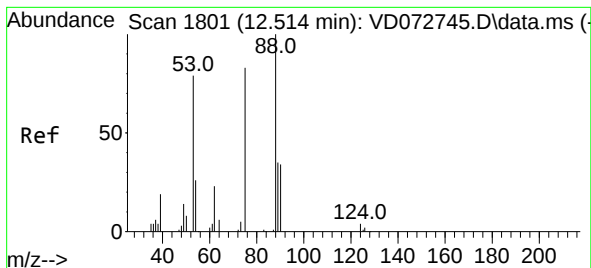
Tgt Ion: 91 Resp: 841812
Ion Ratio Lower Upper
91 100
126 31.7 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 61.871 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. -0.005 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 105 Resp: 993184
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.8

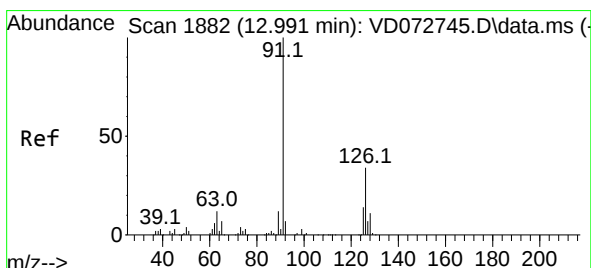
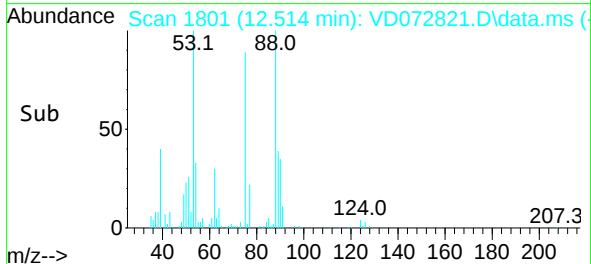
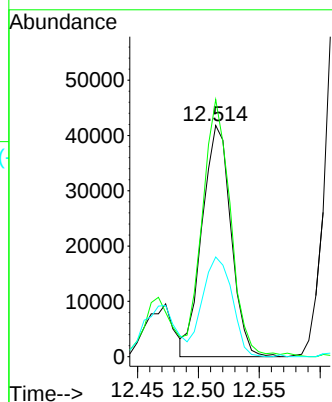
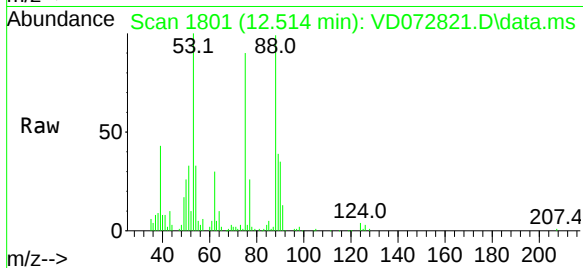




#81
trans-1,4-Dichloro-2-butene
Concen: 58.547 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

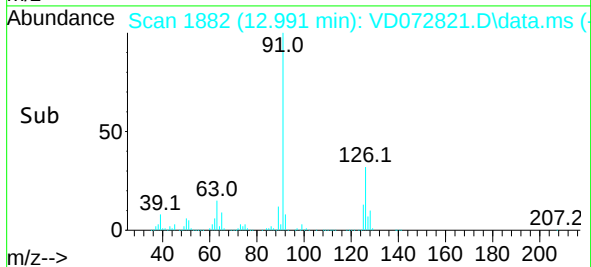
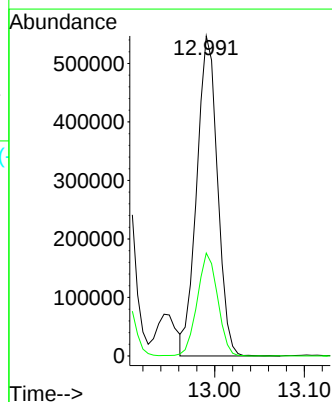
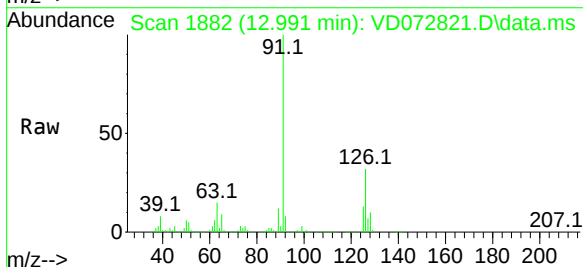
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

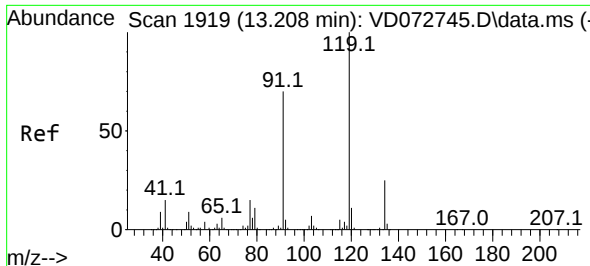
Tgt Ion: 75 Resp: 69078
Ion Ratio Lower Upper
75 100
53 109.3 86.5 129.7
89 44.1 33.9 50.9



#82
4-Chlorotoluene
Concen: 60.137 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 91 Resp: 875765
Ion Ratio Lower Upper
91 100
126 31.8 16.5 49.5

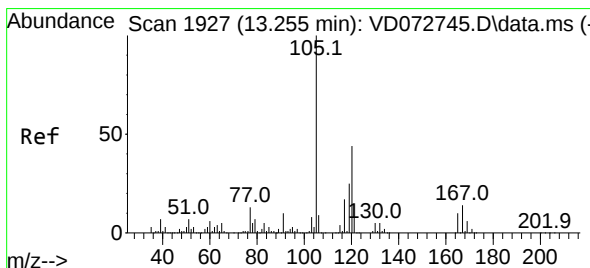
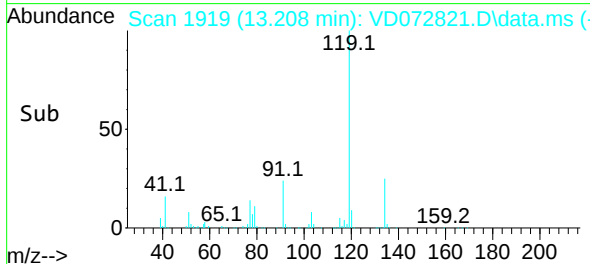
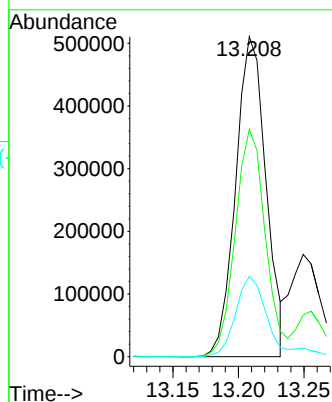
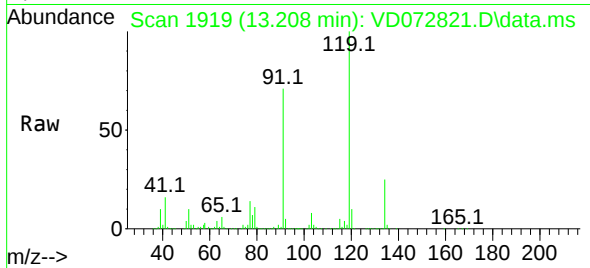




#83
 tert-Butylbenzene
 Concen: 60.260 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD072821.D
 Acq: 05 May 2022 20:32

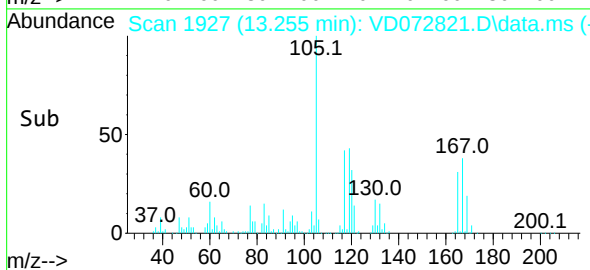
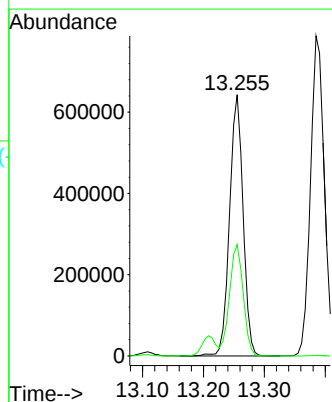
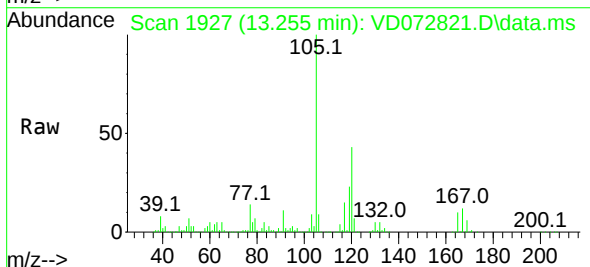
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

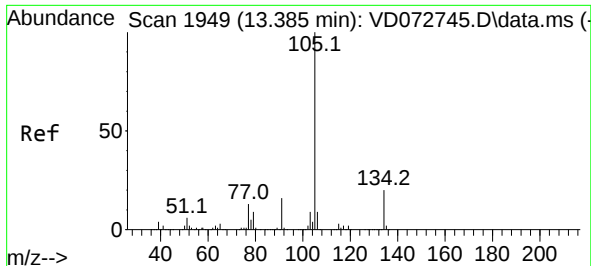
Tgt Ion:119 Resp: 822404
 Ion Ratio Lower Upper
 119 100
 91 70.7 34.8 104.5
 134 26.9 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 61.886 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD072821.D
 Acq: 05 May 2022 20:32

Tgt Ion:105 Resp: 993004
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.3 66.8

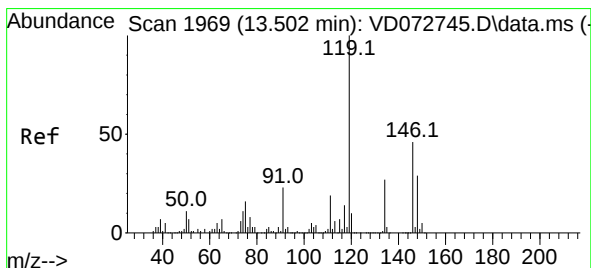
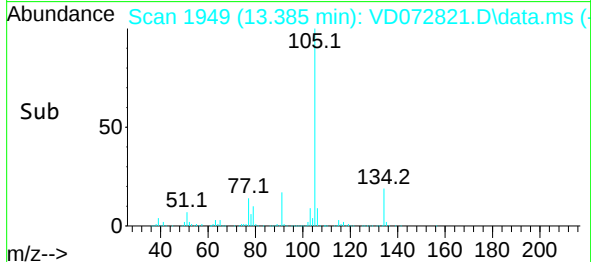
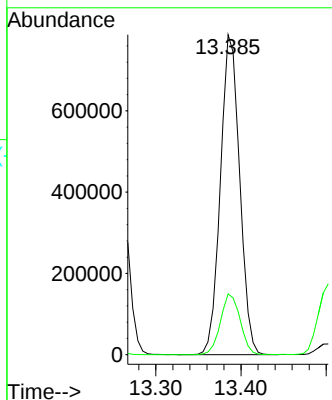
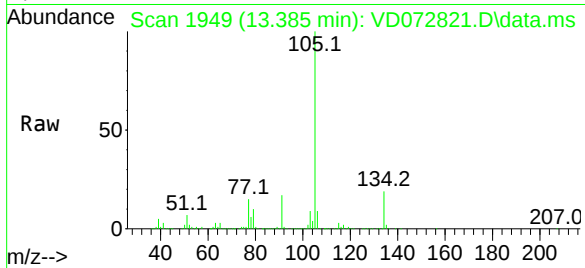




#85
 sec-Butylbenzene
 Concen: 59.971 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD072821.D
 Acq: 05 May 2022 20:32

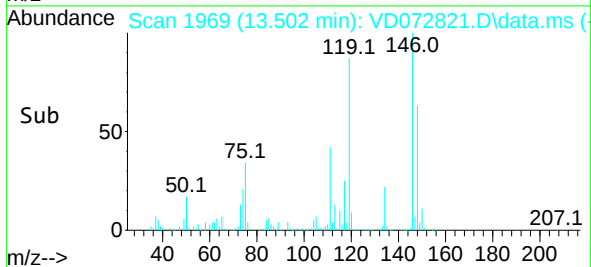
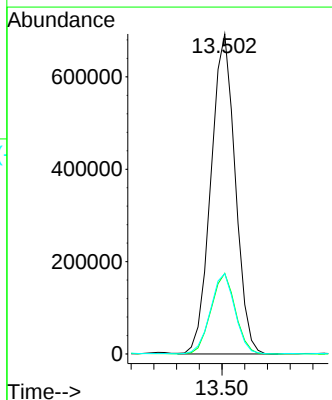
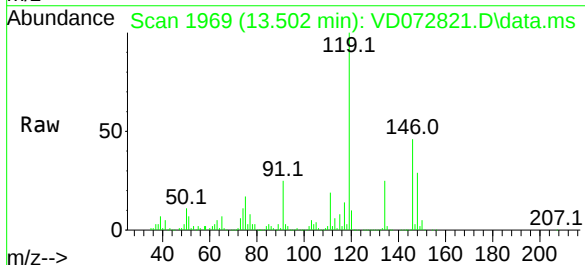
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

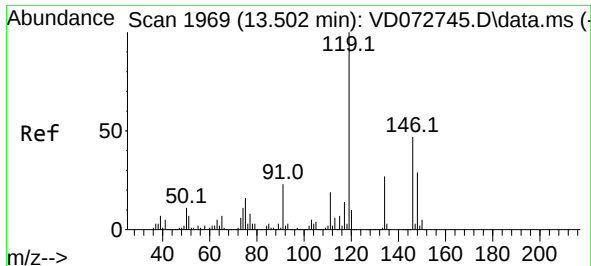
Tgt Ion:105 Resp: 1234430
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 60.964 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072821.D
 Acq: 05 May 2022 20:32

Tgt Ion:119 Resp: 1028844
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.6
 91 25.2 12.1 36.3

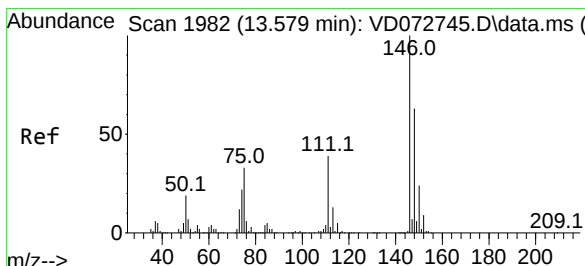
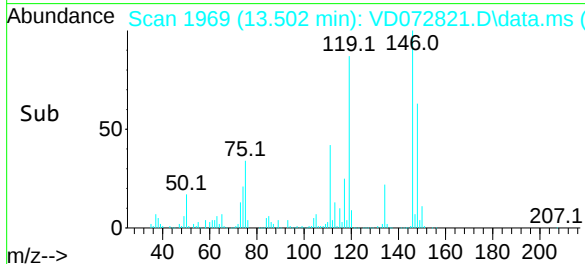
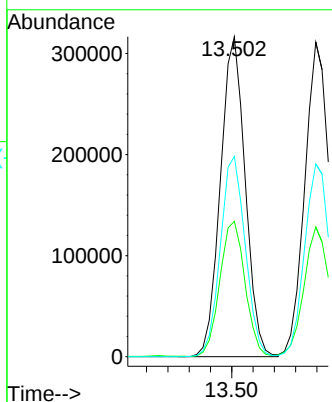
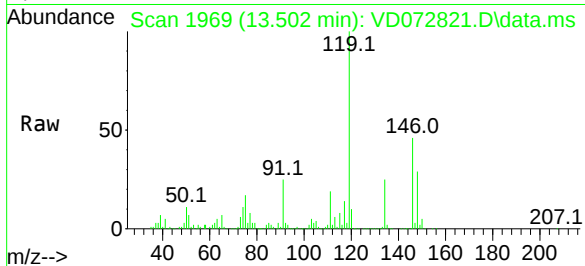




#87
1,3-Dichlorobenzene
Concen: 56.492 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

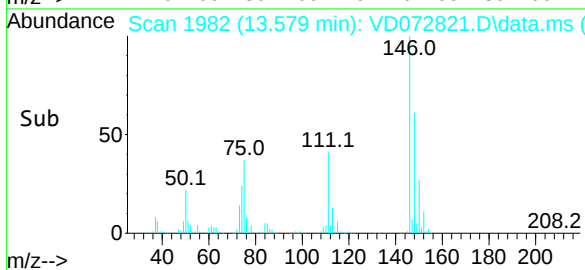
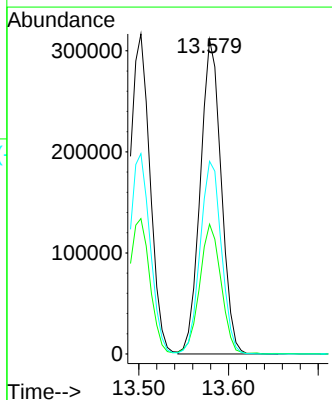
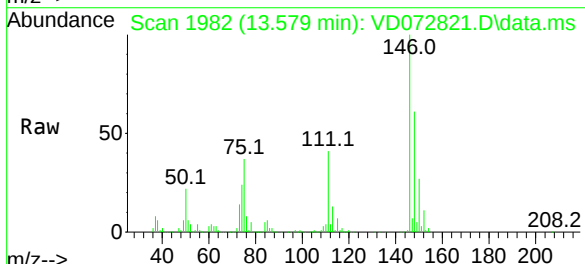
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

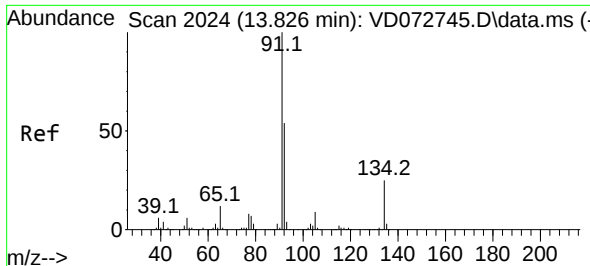
Tgt Ion:146 Resp: 511602
Ion Ratio Lower Upper
146 100
111 42.9 20.4 61.3
148 63.0 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 55.843 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion:146 Resp: 503627
Ion Ratio Lower Upper
146 100
111 42.0 20.3 60.9
148 62.3 31.7 95.1

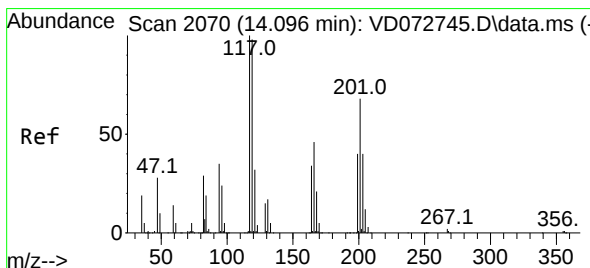
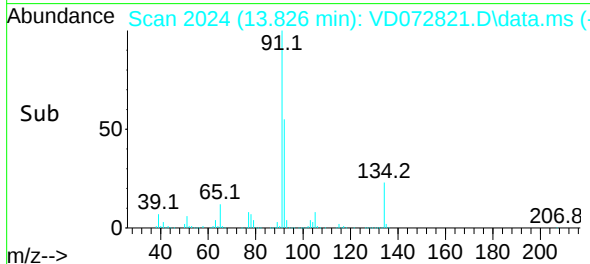
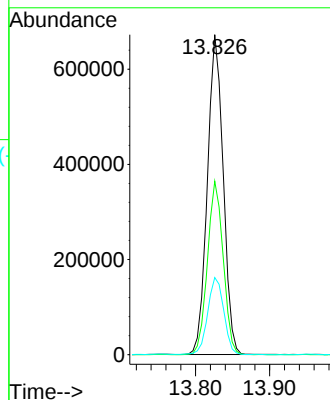
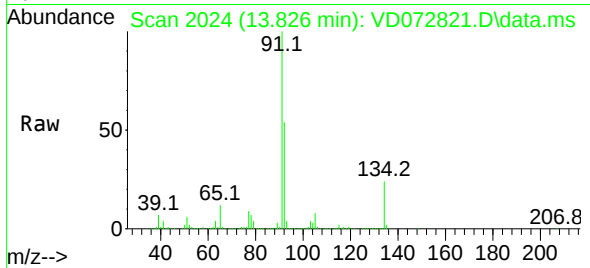




#89
n-Butylbenzene
Concen: 61.151 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

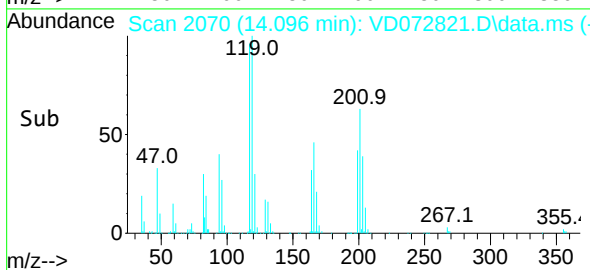
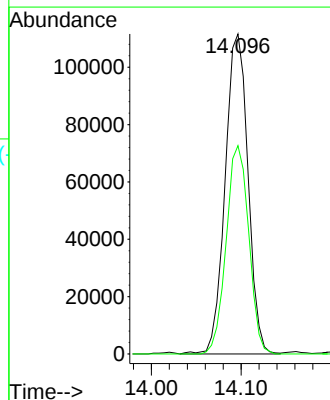
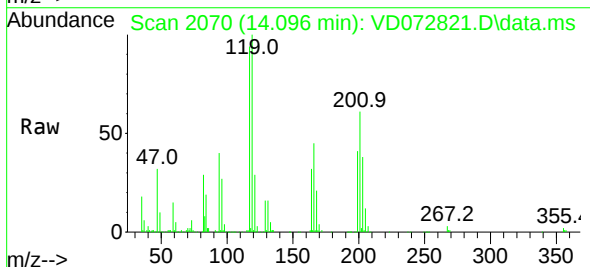
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

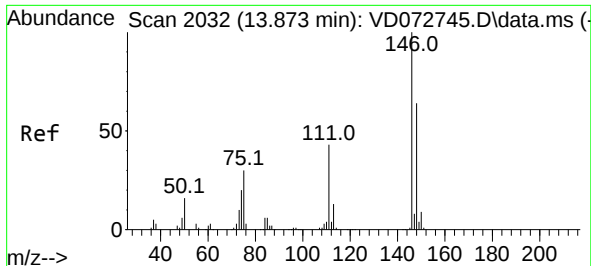
Tgt Ion: 91 Resp: 999714
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 24.4 12.3 36.9



#90
Hexachloroethane
Concen: 56.989 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion: 117 Resp: 197026
Ion Ratio Lower Upper
117 100
201 64.4 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 55.435 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

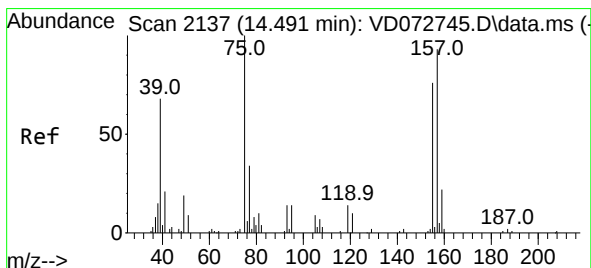
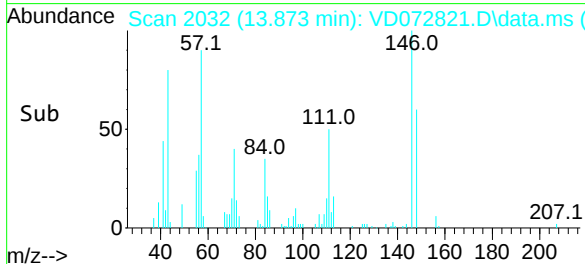
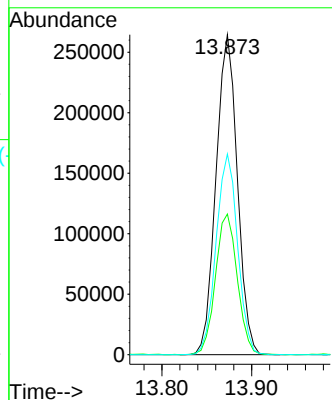
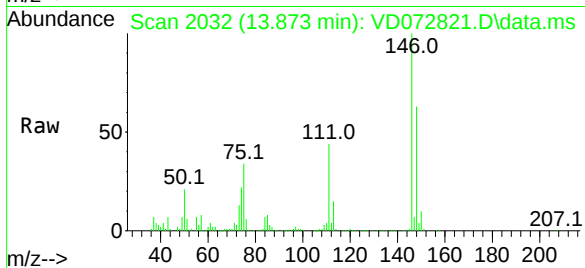
Tgt Ion:146 Resp: 437527

Ion Ratio Lower Upper

146 100

111 45.0 21.1 63.3

148 63.0 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.304 ug/l

RT: 14.485 min Scan# 2136

Delta R.T. -0.006 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

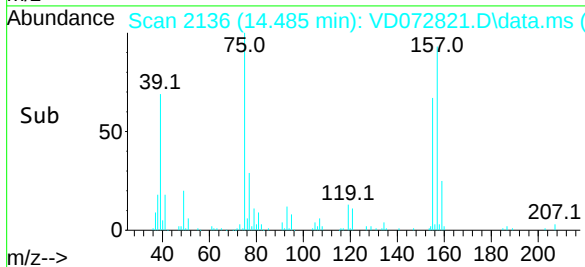
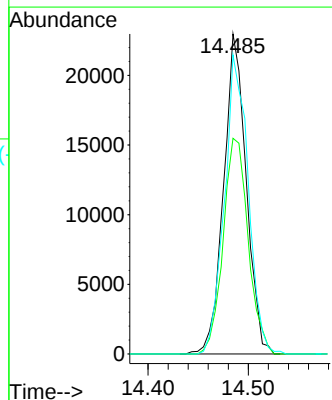
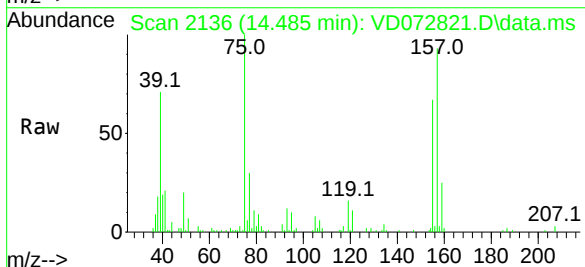
Tgt Ion: 75 Resp: 35926

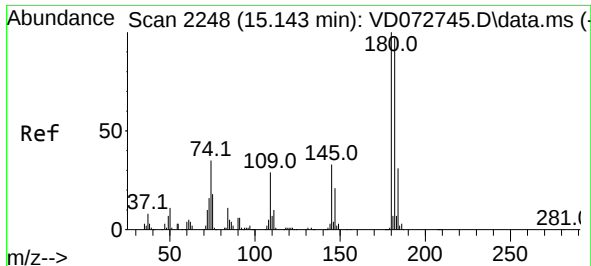
Ion Ratio Lower Upper

75 100

155 74.8 36.8 110.3

157 98.4 48.4 145.0

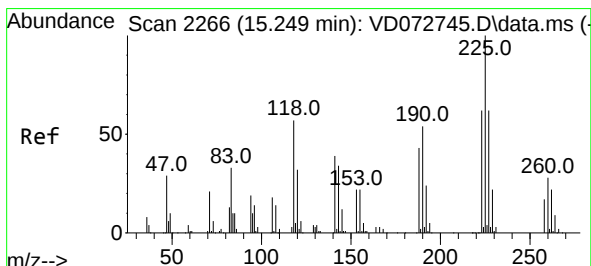
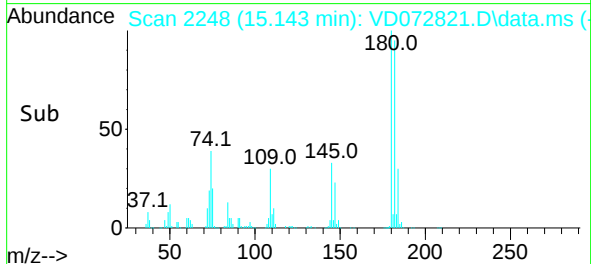
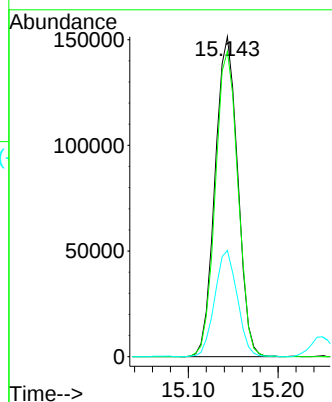
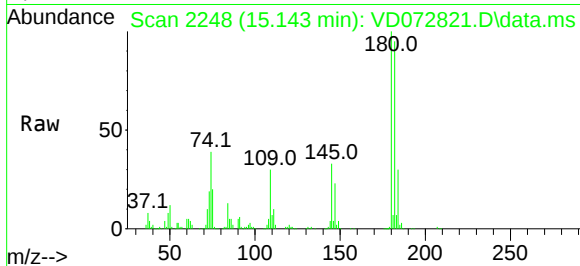




#93
1,2,4-Trichlorobenzene
Concen: 56.709 ug/l
RT: 15.143 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

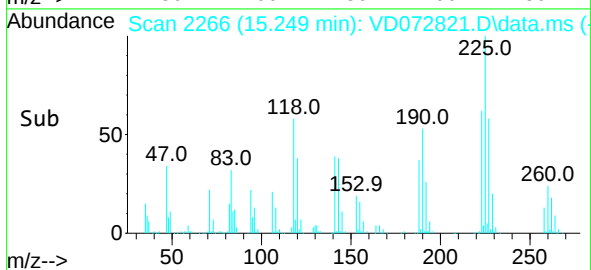
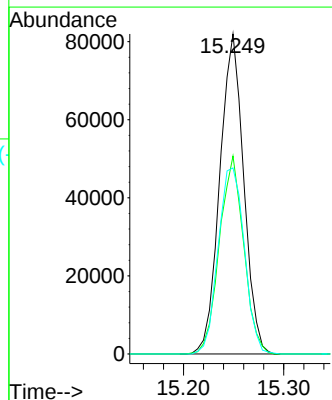
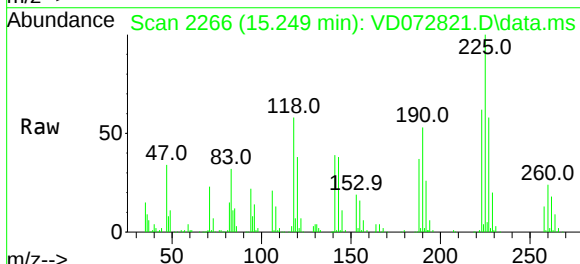
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

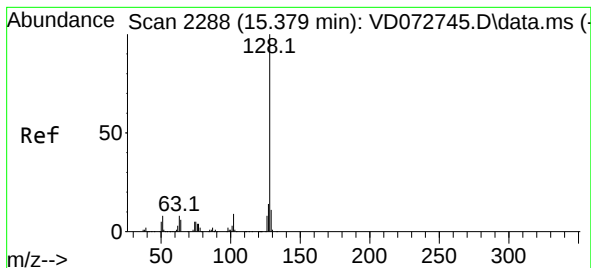
Tgt Ion:180 Resp: 265070
Ion Ratio Lower Upper
180 100
182 95.1 47.3 142.0
145 33.1 16.2 48.5



#94
Hexachlorobutadiene
Concen: 53.134 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD072821.D
Acq: 05 May 2022 20:32

Tgt Ion:225 Resp: 135639
Ion Ratio Lower Upper
225 100
223 62.7 31.1 93.2
227 63.7 32.4 97.0





#95

Naphthalene

Concen: 62.039 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

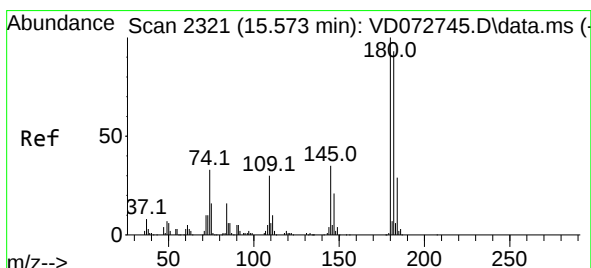
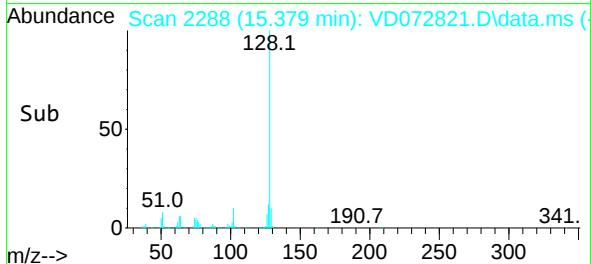
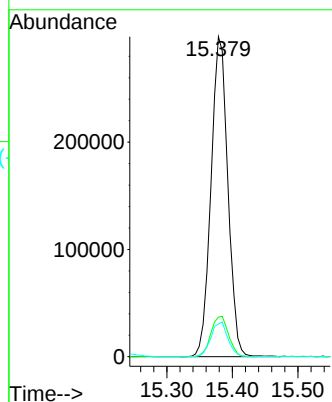
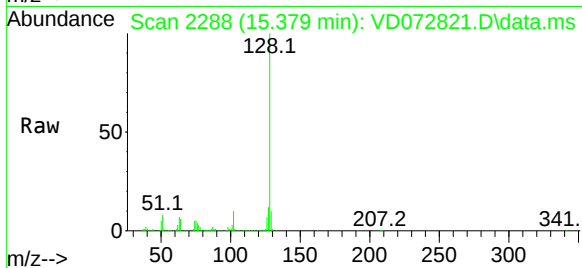
Tgt Ion:128 Resp: 533159

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 56.506 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD072821.D

Acq: 05 May 2022 20:32

Tgt Ion:180 Resp: 234134

Ion Ratio Lower Upper

180 100

182 94.7 47.6 142.9

145 36.0 17.1 51.3

