

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072204.D
 Acq On : 15 Mar 2022 22:55
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 16 01:04:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	480988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	797717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	732892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	368316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	292956	54.653	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.300%
35) Dibromofluoromethane	7.909	113	291172	51.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.740%
50) Toluene-d8	10.332	98	1055043	51.400	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.800%
62) 4-Bromofluorobenzene	12.620	95	398671	49.987	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.980%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	197527	44.400	ug/l	98
3) Chloromethane	2.209	50	219652	55.562	ug/l	96
4) Vinyl Chloride	2.344	62	201094	52.698	ug/l	96
5) Bromomethane	2.762	94	137344	55.272	ug/l	97
6) Chloroethane	2.915	64	139813	55.416	ug/l	98
7) Trichlorofluoromethane	3.268	101	399759	46.388	ug/l	97
8) Diethyl Ether	3.703	74	134409	56.473	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	257565	46.874	ug/l	96
10) Methyl Iodide	4.297	142	223293	45.565	ug/l	97
11) Tert butyl alcohol	5.220	59	88510	284.782	ug/l	99
12) 1,1-Dichloroethene	4.062	96	224781	50.848	ug/l	96
13) Acrolein	3.921	56	66921	241.303	ug/l	98
14) Allyl chloride	4.715	41	425093	54.999	ug/l	93
15) Acrylonitrile	5.415	53	359664	299.488	ug/l	98
16) Acetone	4.150	43	267453	229.803	ug/l	93
17) Carbon Disulfide	4.409	76	524197	50.818	ug/l	99
18) Methyl Acetate	4.715	43	162323	56.913	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	686238	57.114	ug/l	96
20) Methylene Chloride	4.956	84	316861	55.744	ug/l	89
21) trans-1,2-Dichloroethene	5.468	96	268468	54.907	ug/l	92
22) Diisopropyl ether	6.362	45	1001215	56.793	ug/l	92
23) Vinyl Acetate	6.303	43	2739728	304.511	ug/l	96
24) 1,1-Dichloroethane	6.262	63	549601	52.862	ug/l	99
25) 2-Butanone	7.209	43	433284	279.221	ug/l	95
26) 2,2-Dichloropropane	7.203	77	429662	45.801	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	334953	53.658	ug/l	94
28) Bromochloromethane	7.544	49	239913	57.319	ug/l	86
29) Tetrahydrofuran	7.556	42	288451	316.126	ug/l	94
30) Chloroform	7.703	83	569898	51.452	ug/l	98
31) Cyclohexane	7.979	56	415041	49.559	ug/l	91
32) 1,1,1-Trichloroethane	7.897	97	479202	48.712	ug/l	97
36) 1,1-Dichloropropene	8.109	75	385109	48.902	ug/l	97
37) Ethyl Acetate	7.291	43	206400	59.832	ug/l	# 96
38) Carbon Tetrachloride	8.091	117	403889	45.118	ug/l	99
39) Methylcyclohexane	9.350	83	453362	51.159	ug/l	97
40) Benzene	8.350	78	1160307	51.645	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	125712	62.523	ug/l	95
42) 1,2-Dichloroethane	8.420	62	354727	52.048	ug/l	96
43) Isopropyl Acetate	8.444	43	395109	59.010	ug/l	96
44) Trichloroethene	9.108	130	314526	49.868	ug/l	90
45) 1,2-Dichloropropane	9.379	63	314604	51.059	ug/l	98
46) Dibromomethane	9.473	93	163384	53.906	ug/l	94
47) Bromodichloromethane	9.656	83	440499	49.854	ug/l	97
48) Methyl methacrylate	9.450	41	184510	57.712	ug/l	88
49) 1,4-Dioxane	9.450	88	40704	1119.906	ug/l #	90
51) 4-Methyl-2-Pentanone	10.220	43	1039395	295.561	ug/l	94
52) Toluene	10.397	92	759906	51.401	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	415904	51.519	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	487949	52.286	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	243334	52.702	ug/l	96
56) Ethyl methacrylate	10.655	69	320577	59.278	ug/l #	89
57) 1,3-Dichloropropane	10.938	76	413124	53.313	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	640024	263.211	ug/l	97
59) 2-Hexanone	10.979	43	708184	291.570	ug/l	97
60) Dibromochloromethane	11.132	129	298785	49.870	ug/l	100
61) 1,2-Dibromoethane	11.238	107	220985	52.967	ug/l	98
64) Tetrachloroethene	10.873	164	246566	47.749	ug/l	95
65) Chlorobenzene	11.661	112	818215	50.358	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	311106	48.420	ug/l	99
67) Ethyl Benzene	11.738	91	1450080	49.969	ug/l	100
68) m/p-Xylenes	11.844	106	1115458	101.229	ug/l	99
69) o-Xylene	12.173	106	539373	51.174	ug/l	96
70) Styrene	12.185	104	941246	51.140	ug/l	98
71) Bromoform	12.350	173	179816	52.392	ug/l #	100
73) Isopropylbenzene	12.467	105	1449854	49.674	ug/l	99
74) N-amyl acetate	12.279	43	371620	59.247	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	282849	54.185	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	351793	86.588	ug/l #	100
77) Bromobenzene	12.749	156	339045	51.610	ug/l	92
78) n-propylbenzene	12.808	91	1742570	49.152	ug/l	98
79) 2-Chlorotoluene	12.897	91	1026345	50.065	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1221369	48.709	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	89637	54.740	ug/l	89
82) 4-Chlorotoluene	12.997	91	1052463	49.583	ug/l	99
83) tert-Butylbenzene	13.214	119	1080534	49.152	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	1206973	48.852	ug/l	100
85) sec-Butylbenzene	13.391	105	1566420	47.448	ug/l	99
86) p-Isopropyltoluene	13.502	119	1317907	48.514	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	661227	48.027	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	659268	48.289	ug/l	99
89) n-Butylbenzene	13.832	91	1225214	47.318	ug/l	98
90) Hexachloroethane	14.096	117	251898	47.311	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	590845	49.222	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	45121	54.162	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	380949	47.935	ug/l	100
94) Hexachlorobutadiene	15.249	225	204432	44.222	ug/l	98
95) Naphthalene	15.385	128	741280	54.111	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	335713	48.802	ug/l	99

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QLast Update : Mon Mar 14 05:18:06 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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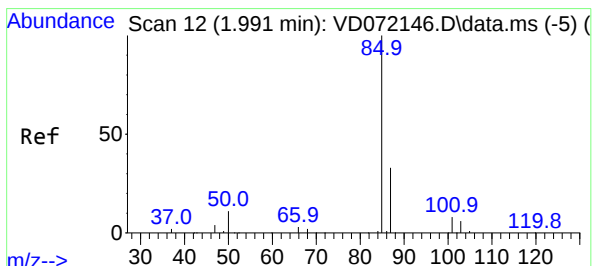
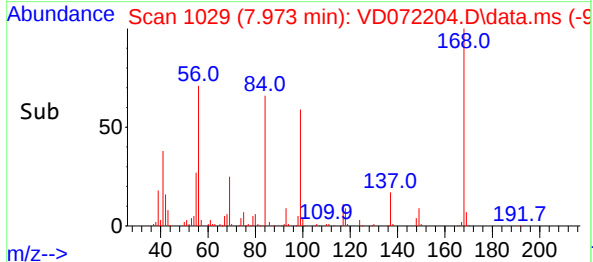
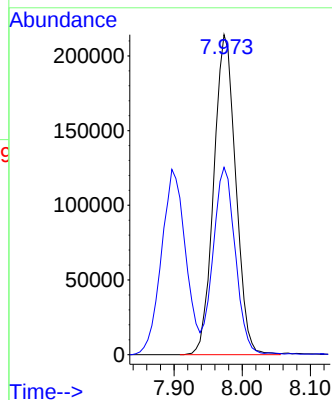
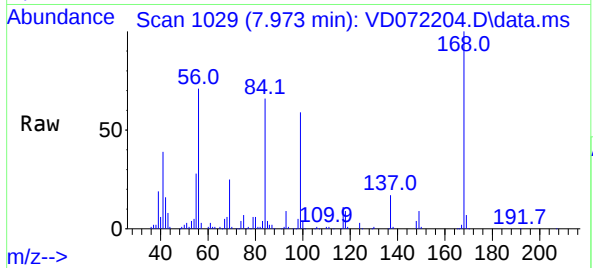




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

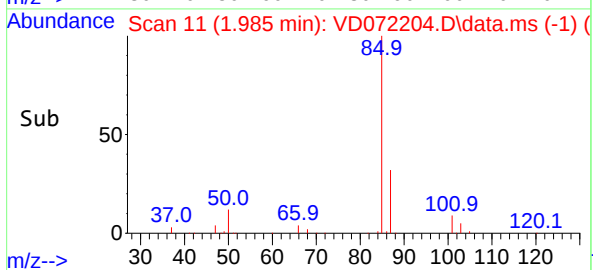
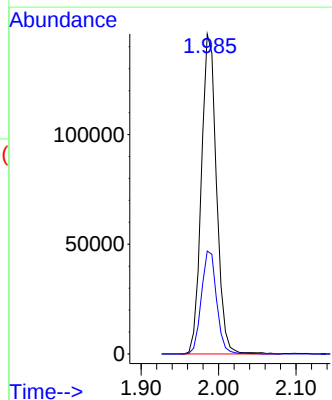
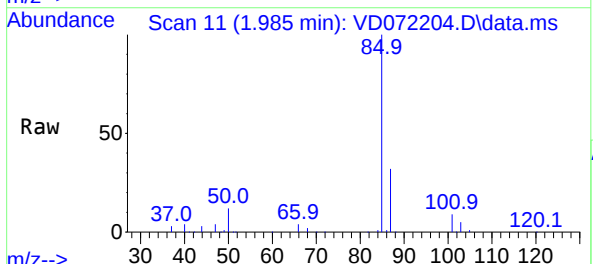
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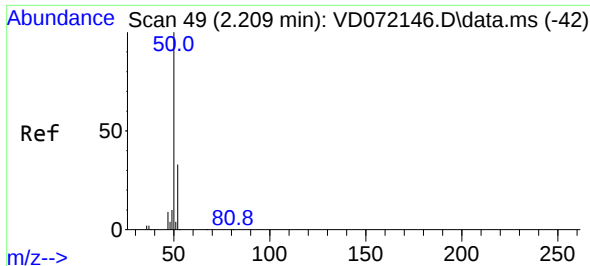
Tgt Ion:168 Resp: 480988
Ion Ratio Lower Upper
168 100
99 58.2 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 44.400 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 85 Resp: 197527
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.0

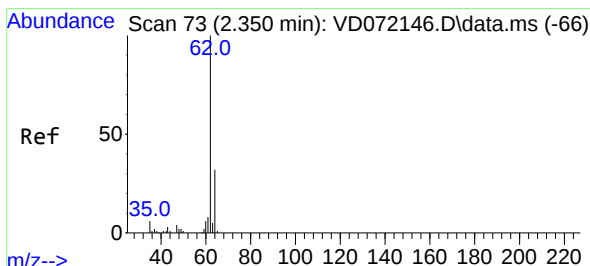
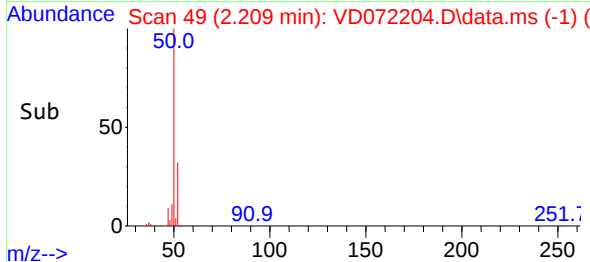
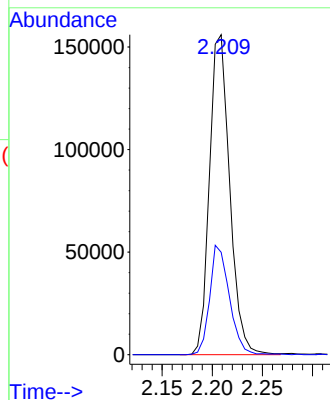
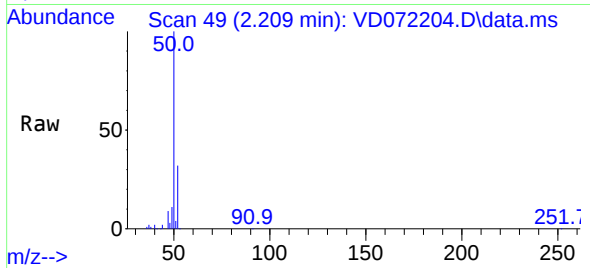




#3
Chloromethane
Concen: 55.562 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

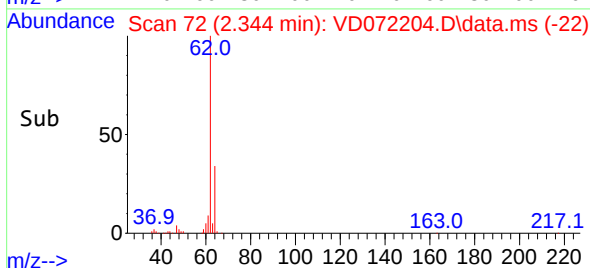
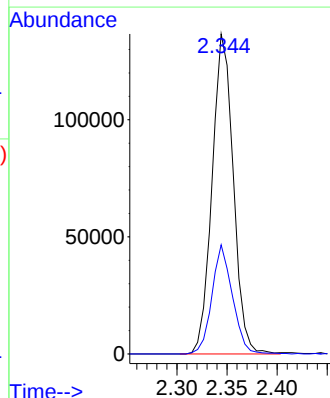
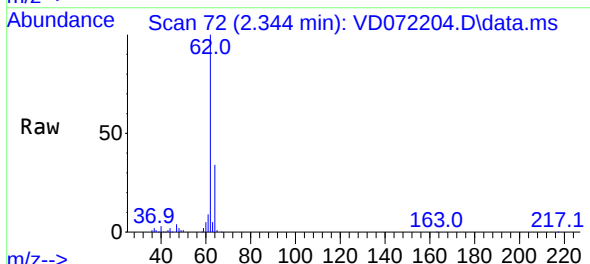
Instrument :
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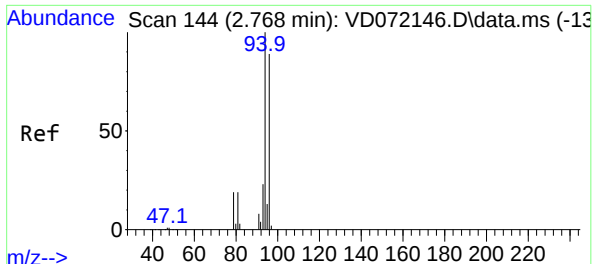
Tgt Ion: 50 Resp: 219652
Ion Ratio Lower Upper
50 100
52 32.0 27.4 41.0



#4
Vinyl Chloride
Concen: 52.698 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 62 Resp: 201094
Ion Ratio Lower Upper
62 100
64 34.1 25.4 38.0

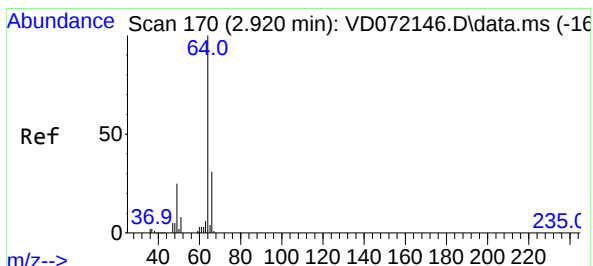
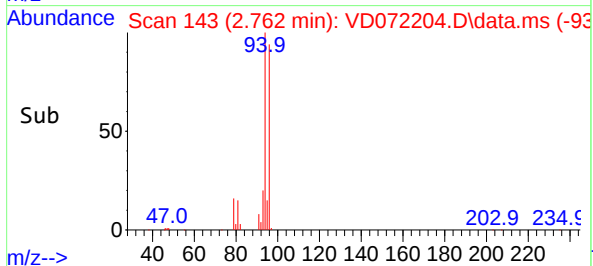
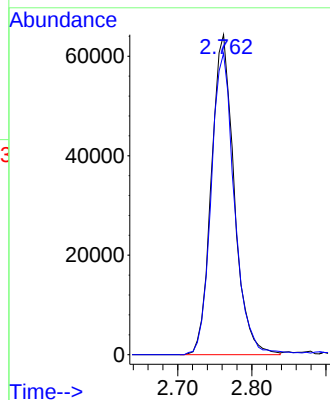
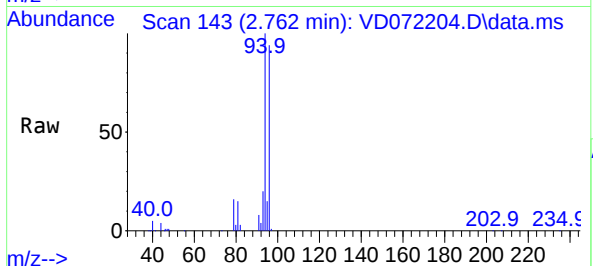




#5
Bromomethane
Concen: 55.272 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

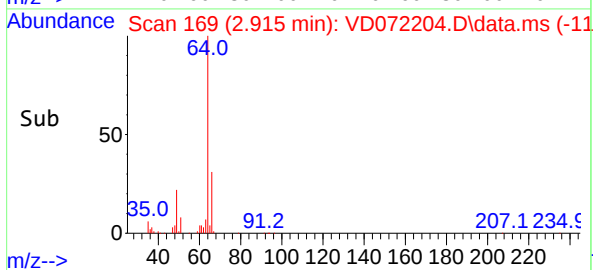
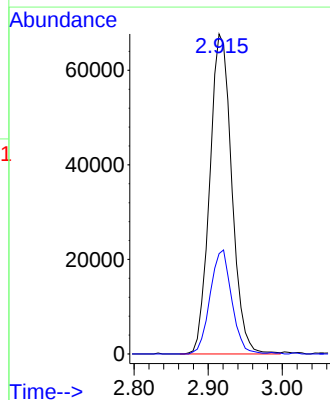
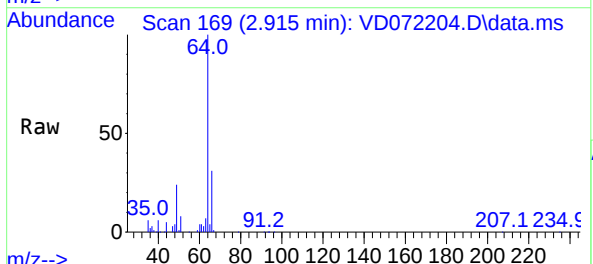
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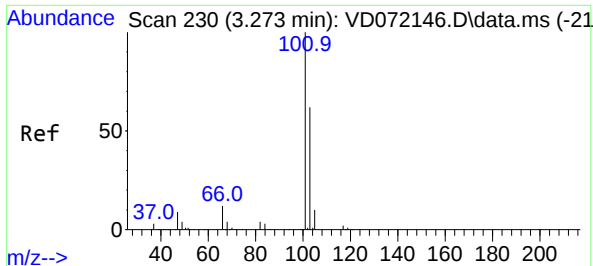
Tgt Ion: 94 Resp: 137344
Ion Ratio Lower Upper
94 100
96 94.2 77.6 116.4



#6
Chloroethane
Concen: 55.416 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 64 Resp: 139813
Ion Ratio Lower Upper
64 100
66 31.4 25.9 38.9

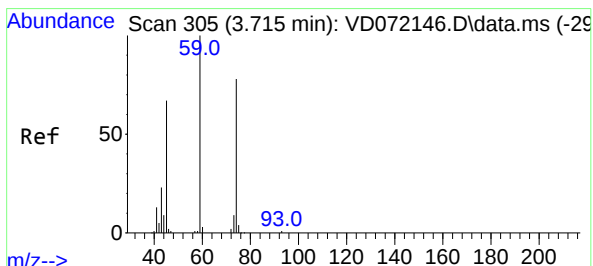
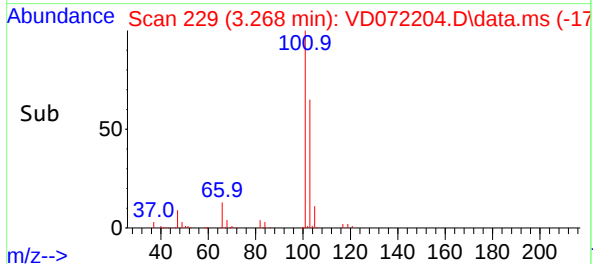
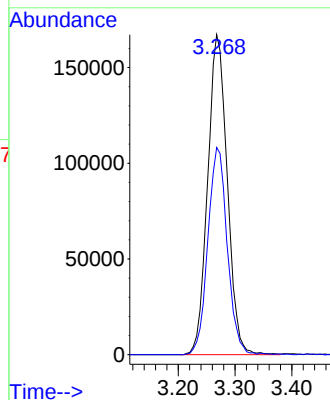
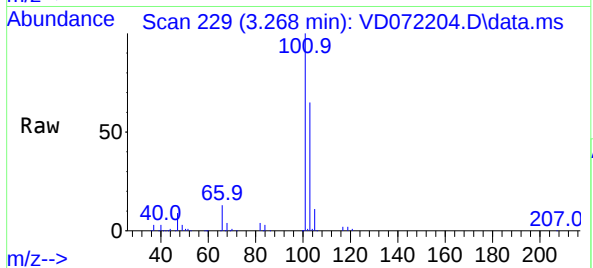




#7
Trichlorofluoromethane
Concen: 46.388 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

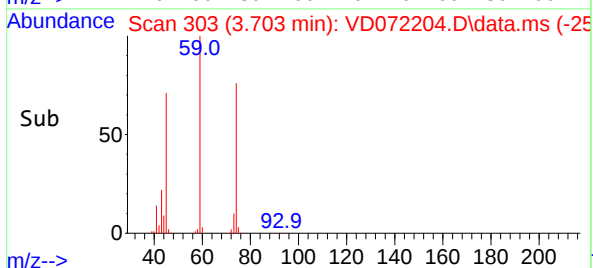
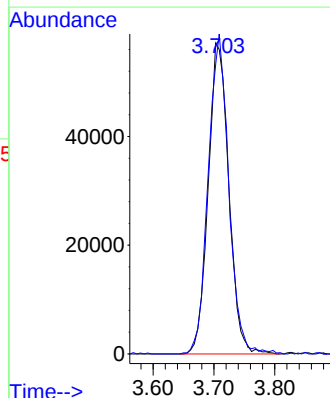
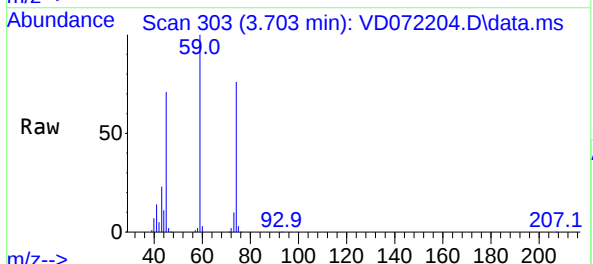
Instrument :
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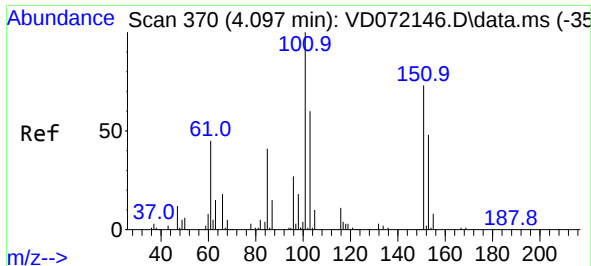
Tgt Ion:101 Resp: 399759
Ion Ratio Lower Upper
101 100
103 64.7 50.1 75.1



#8
Diethyl Ether
Concen: 56.473 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.012 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 74 Resp: 134409
Ion Ratio Lower Upper
74 100
45 102.8 52.6 157.8

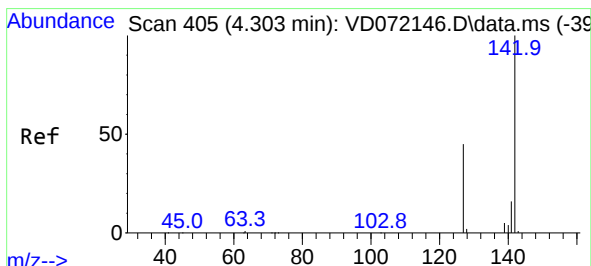
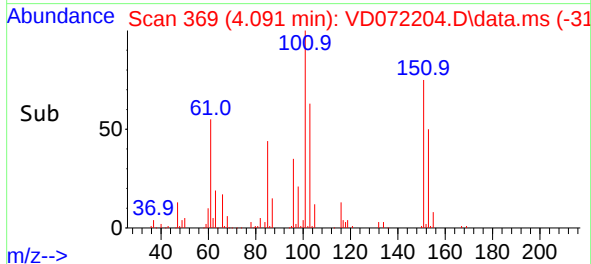
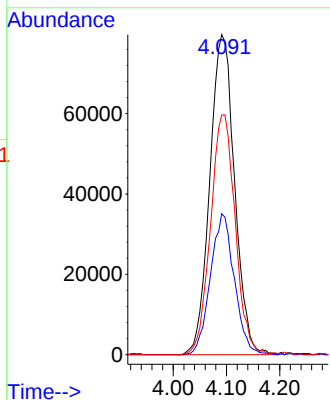
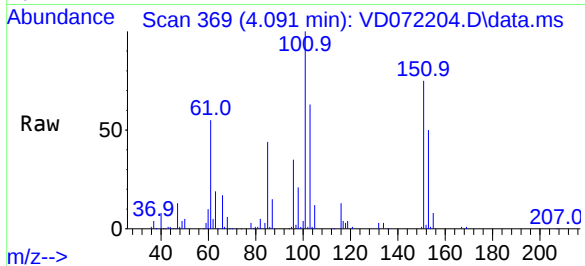




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.874 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD072204.D
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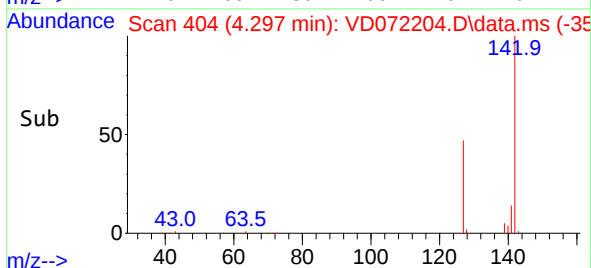
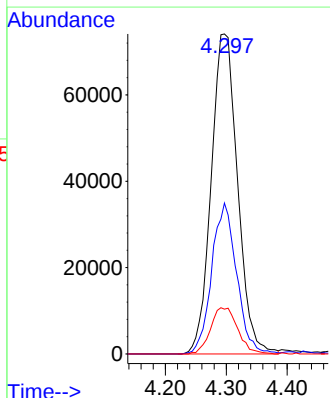
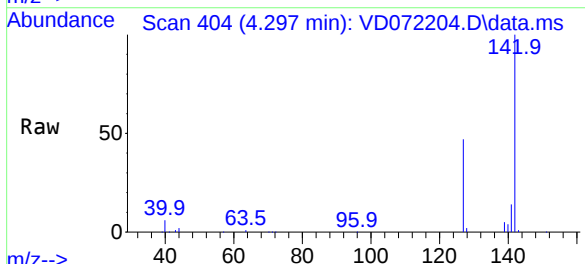
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 257565
Ion Ratio Lower Upper
101 100
85 42.5 36.4 54.6
151 74.7 57.3 85.9



#10
Methyl Iodide
Concen: 45.565 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion:142 Resp: 223293
Ion Ratio Lower Upper
142 100
127 44.5 37.3 55.9
141 14.8 11.7 17.5

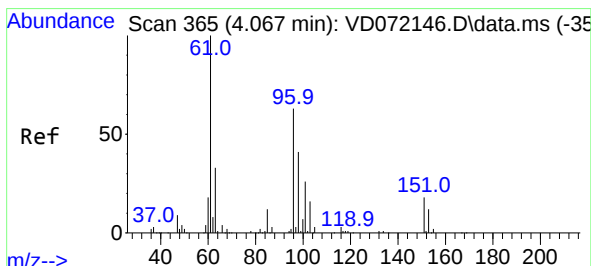
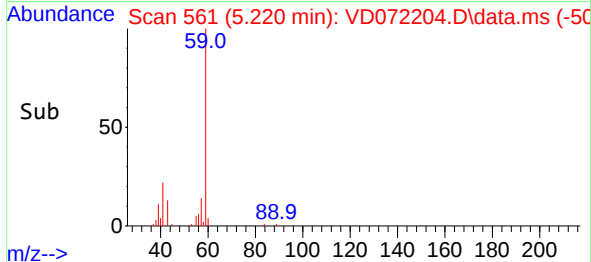
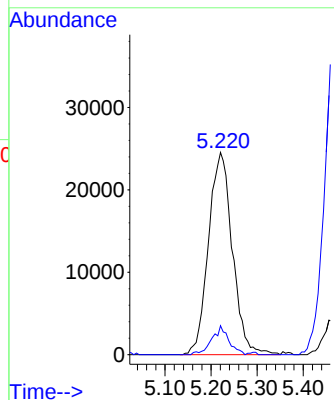
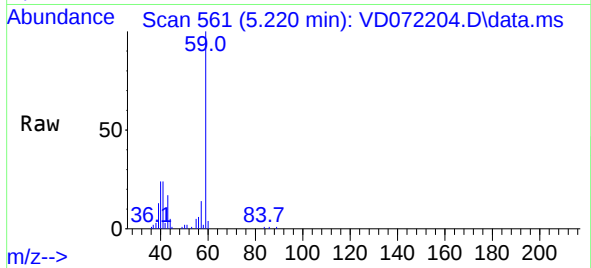




#11
Tert butyl alcohol
Concen: 284.782 ug/l
RT: 5.220 min Scan# 50
Delta R.T. 0.012 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

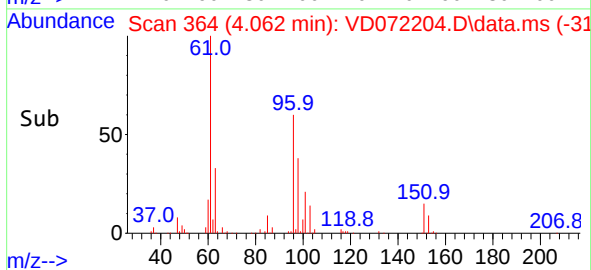
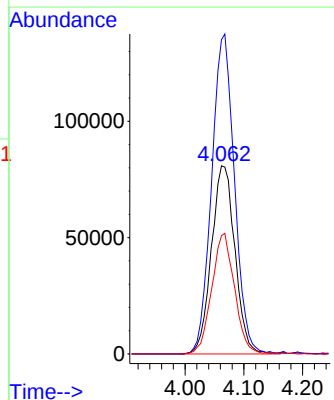
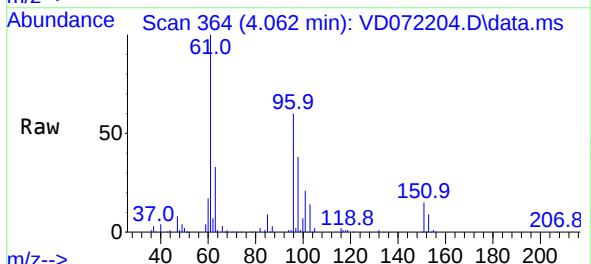
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

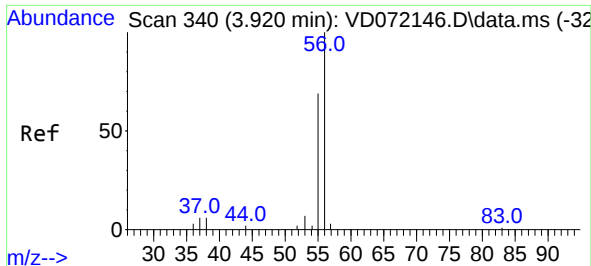
Tgt Ion: 59 Resp: 88510
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.6



#12
1,1-Dichloroethene
Concen: 50.848 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 96 Resp: 224781
Ion Ratio Lower Upper
96 100
61 167.0 138.5 207.7
98 62.9 48.6 73.0

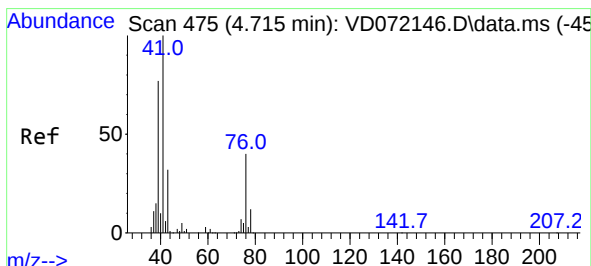
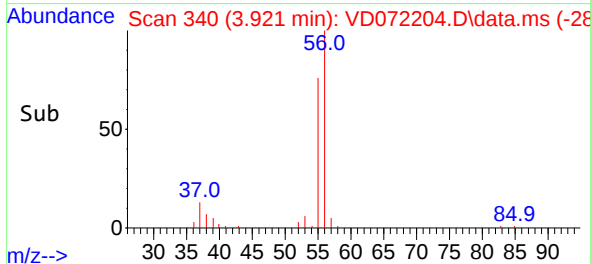
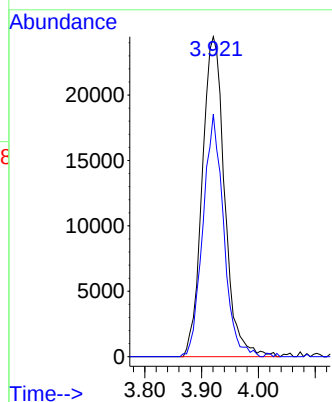
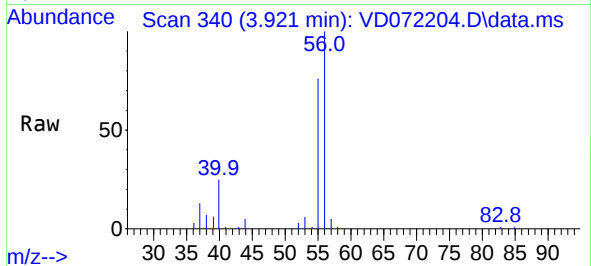




#13
Acrolein
Concen: 241.303 ug/l
RT: 3.921 min Scan# 34
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

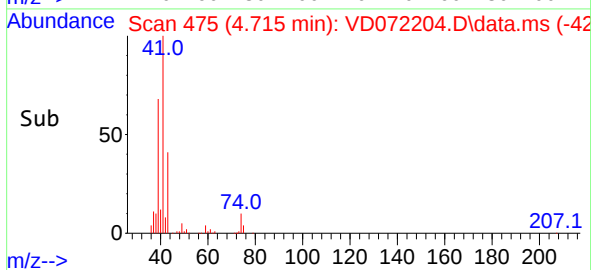
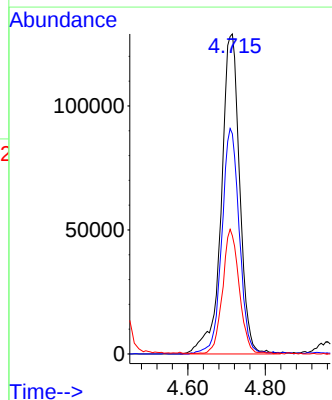
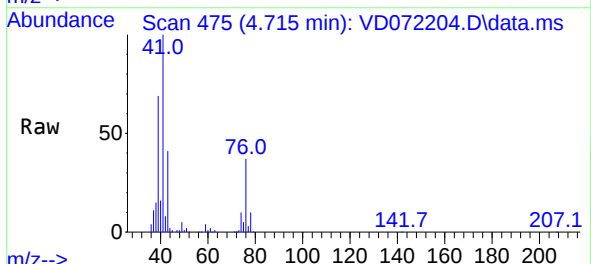
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

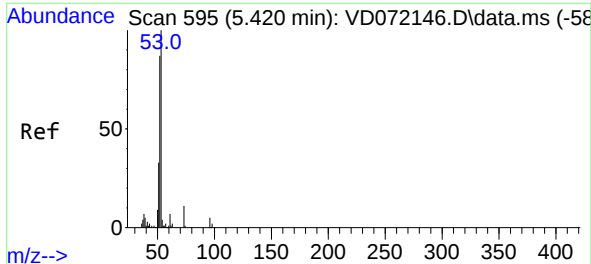
Tgt Ion: 56 Resp: 66921
Ion Ratio Lower Upper
56 100
55 69.9 57.1 85.7



#14
Allyl chloride
Concen: 54.999 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 41 Resp: 425093
Ion Ratio Lower Upper
41 100
39 66.9 59.3 88.9
76 34.9 25.7 38.5





#15

Acrylonitrile

Concen: 299.488 ug/l

RT: 5.415 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD072204.D

Acq: 15 Mar 2022 22:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

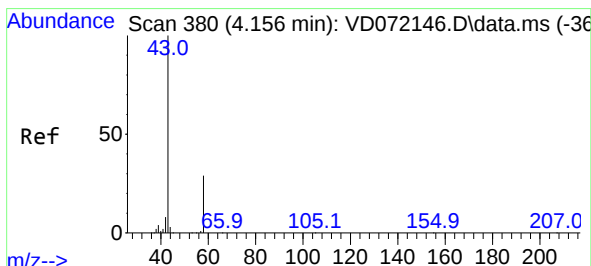
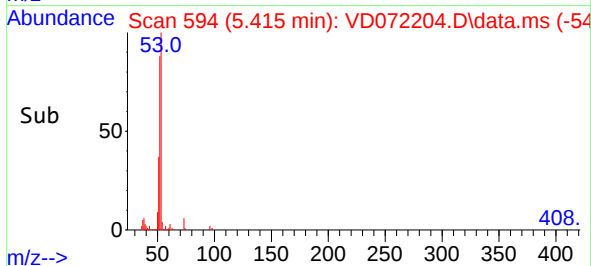
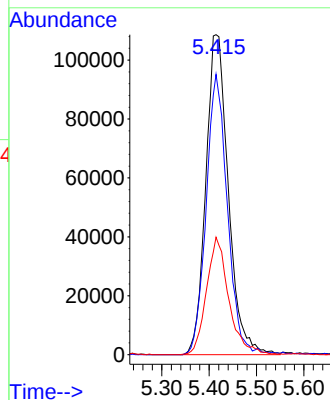
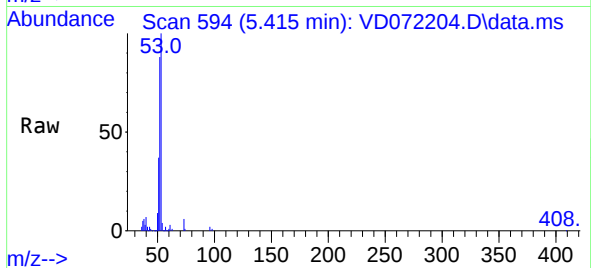
Tgt Ion: 53 Resp: 359664

Ion Ratio Lower Upper

53 100

52 82.6 67.2 100.8

51 36.3 30.3 45.5



#16

Acetone

Concen: 229.803 ug/l

RT: 4.150 min Scan# 379

Delta R.T. -0.006 min

Lab File: VD072204.D

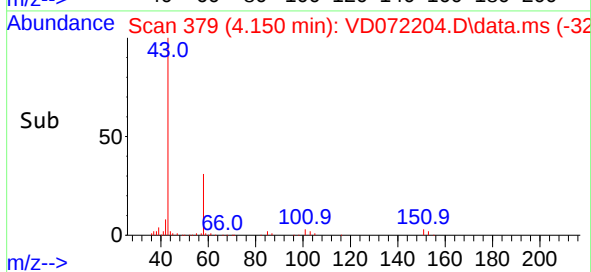
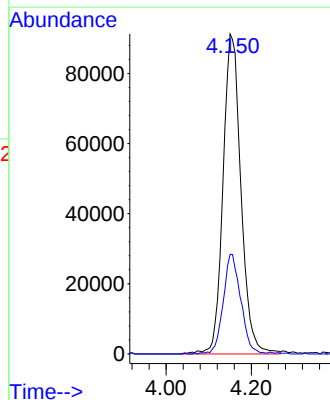
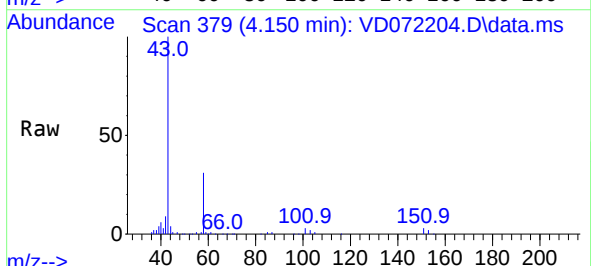
Acq: 15 Mar 2022 22:55

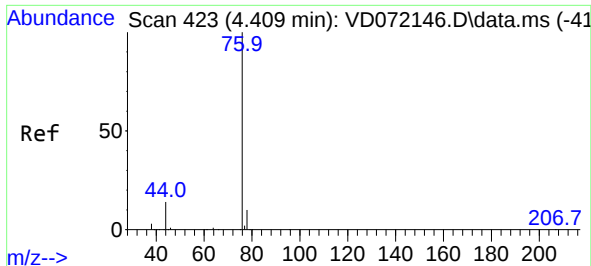
Tgt Ion: 43 Resp: 267453

Ion Ratio Lower Upper

43 100

58 31.1 22.1 33.1

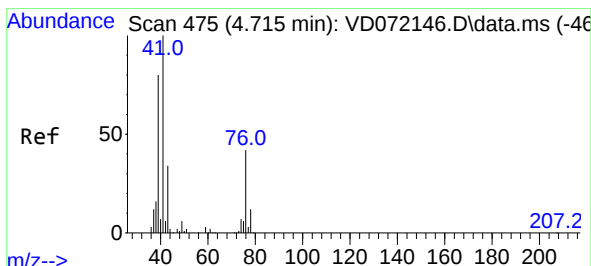
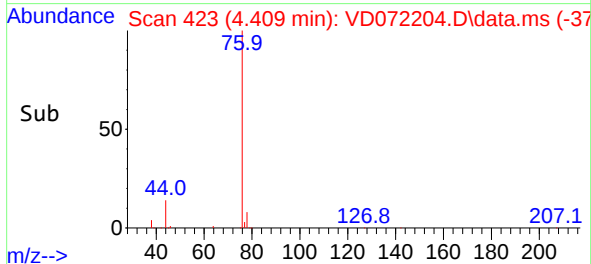
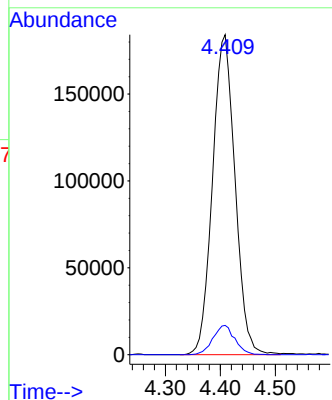
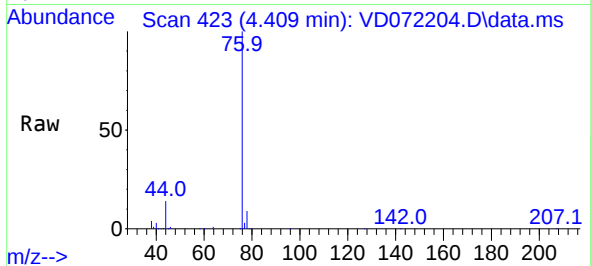




#17
Carbon Disulfide
Concen: 50.818 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

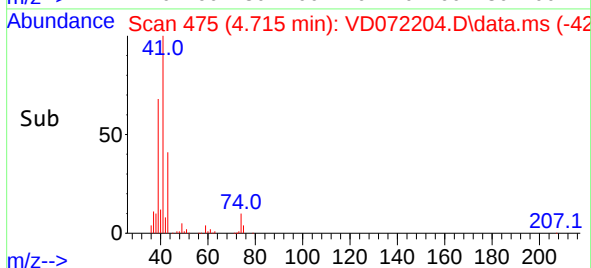
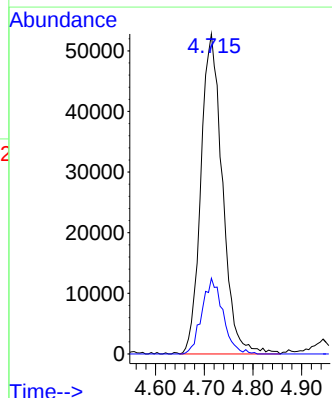
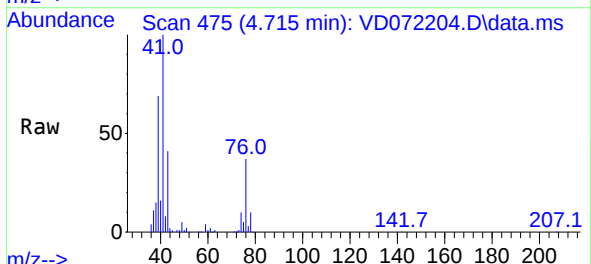
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

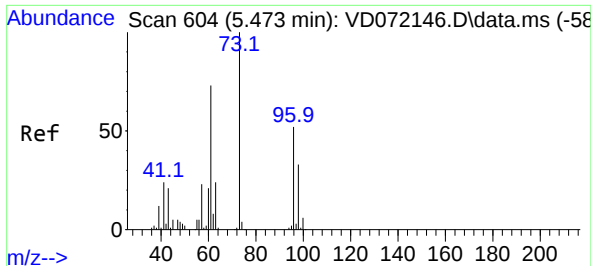
Tgt Ion: 76 Resp: 524197
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 56.913 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 43 Resp: 162323
Ion Ratio Lower Upper
43 100
74 23.0 16.7 25.1

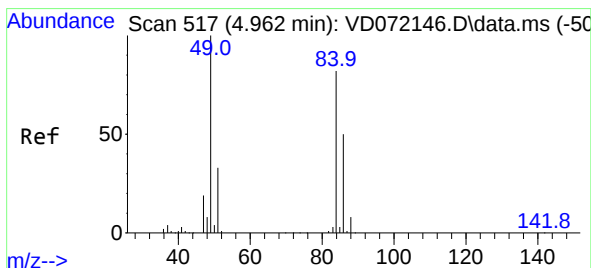
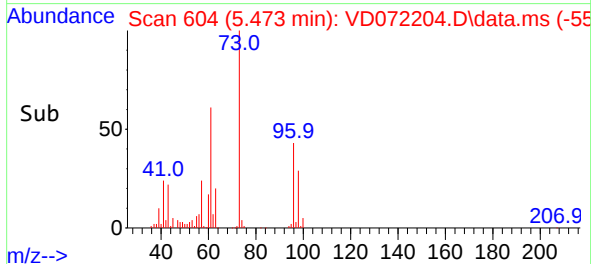
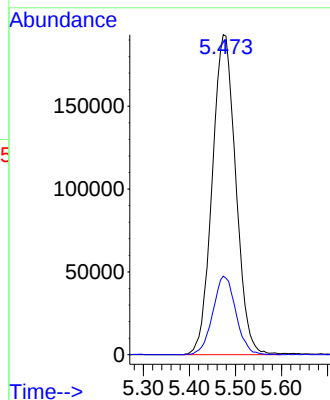
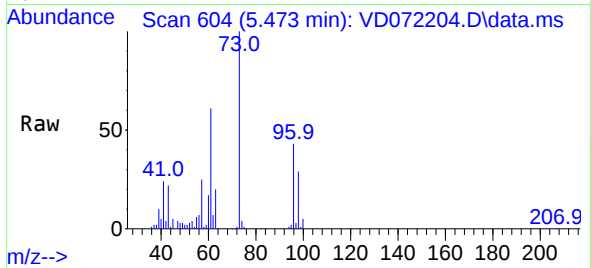




#19
Methyl tert-butyl Ether
Concen: 57.114 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

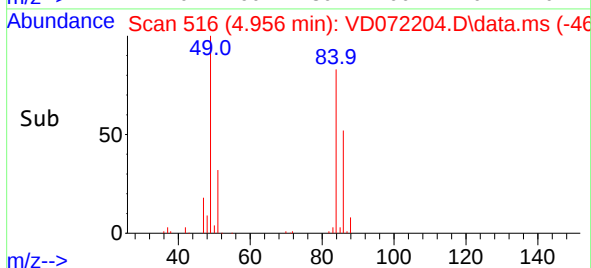
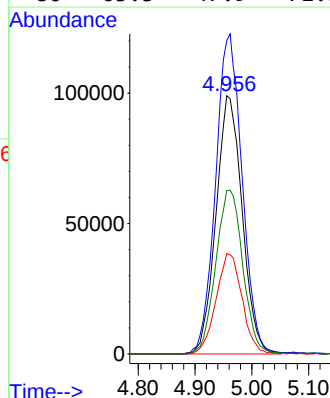
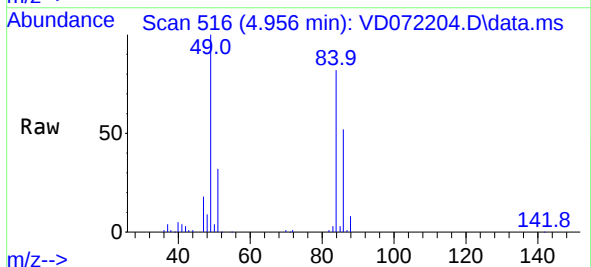
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

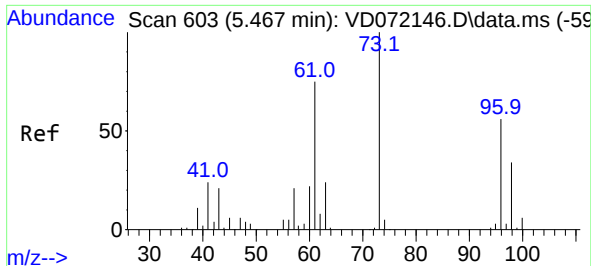
Tgt Ion: 73 Resp: 686238
Ion Ratio Lower Upper
73 100
57 24.6 18.0 27.0



#20
Methylene Chloride
Concen: 55.744 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 84 Resp: 316861
Ion Ratio Lower Upper
84 100
49 121.3 112.8 169.2
51 38.8 32.6 48.8
86 63.3 47.9 71.9

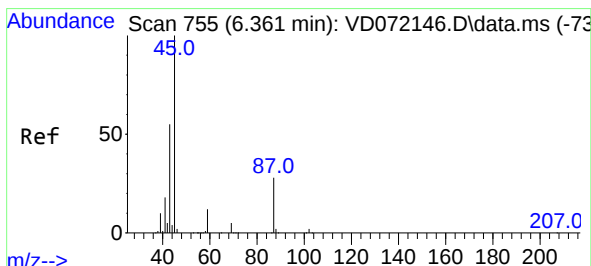
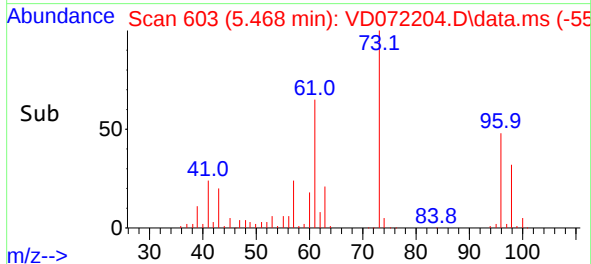
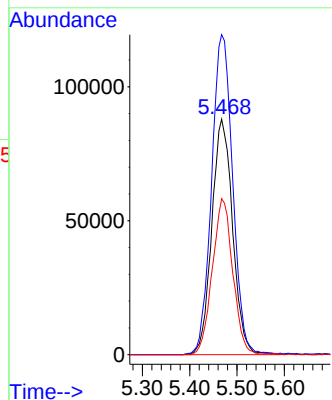
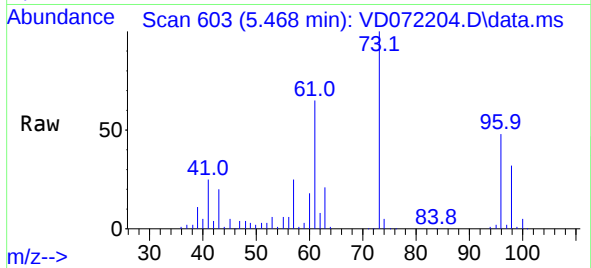




#21
trans-1,2-Dichloroethene
Concen: 54.907 ug/l
RT: 5.468 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

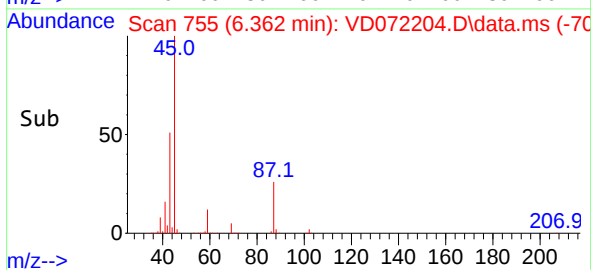
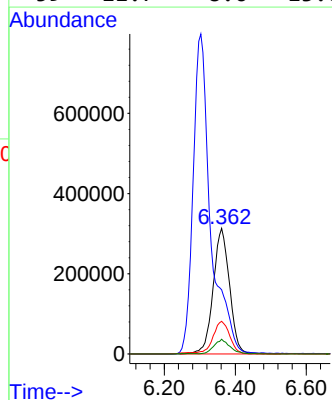
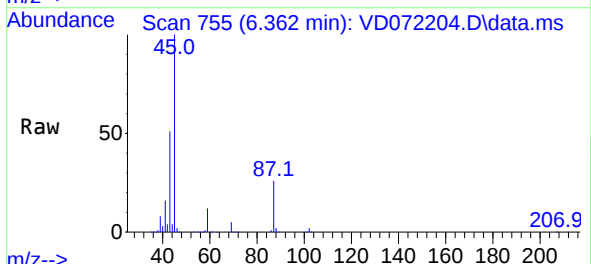
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

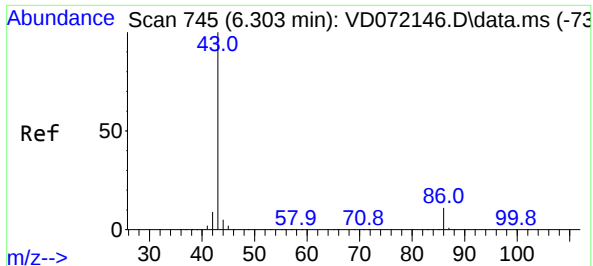
Tgt Ion: 96 Resp: 268468
Ion Ratio Lower Upper
96 100
61 135.9 117.9 176.9
98 66.3 49.4 74.2



#22
Diisopropyl ether
Concen: 56.793 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 45 Resp: 1001215
Ion Ratio Lower Upper
45 100
43 50.6 46.6 70.0
87 25.9 18.4 27.6
59 11.7 8.6 13.0

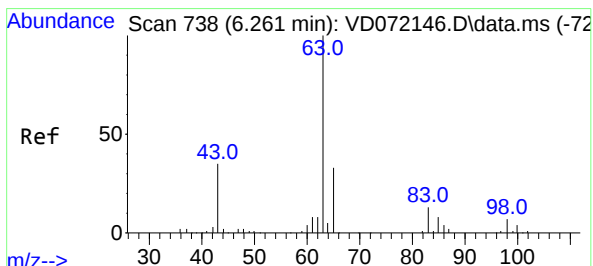
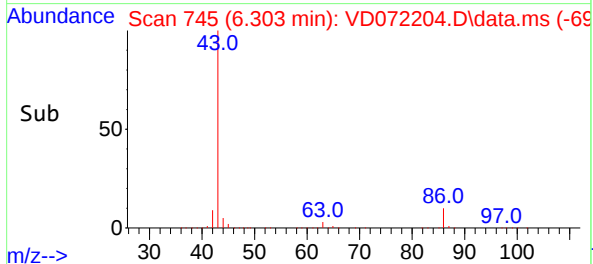
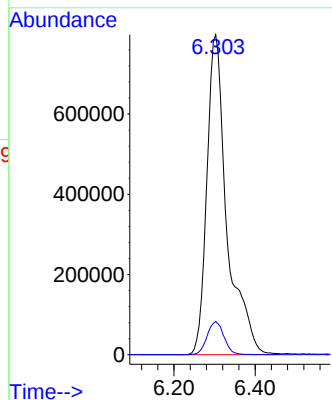
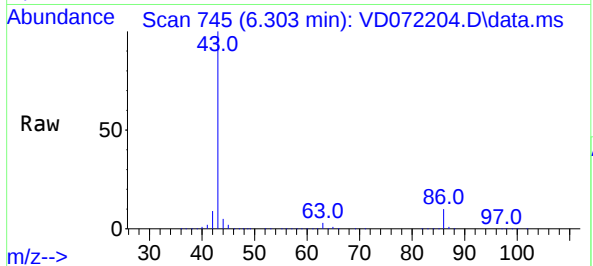




#23
 Vinyl Acetate
 Concen: 304.511 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072204.D
 Acq: 15 Mar 2022 22:55

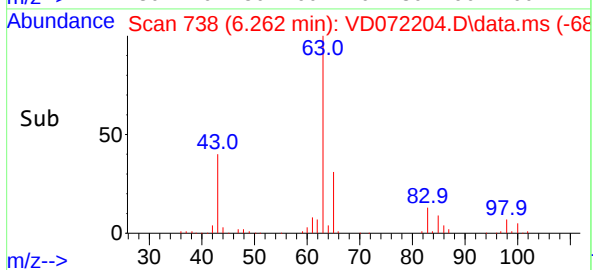
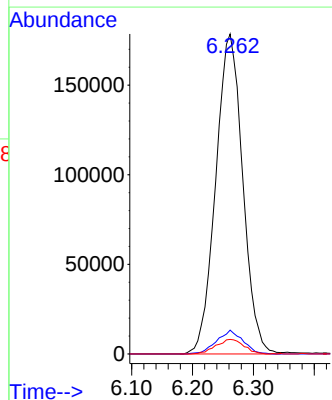
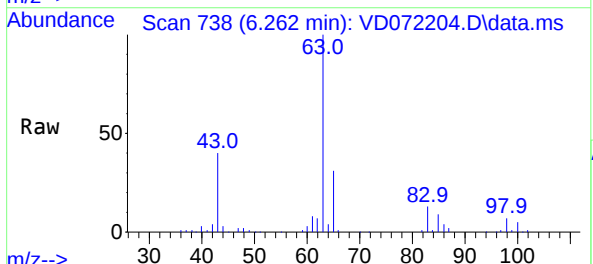
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

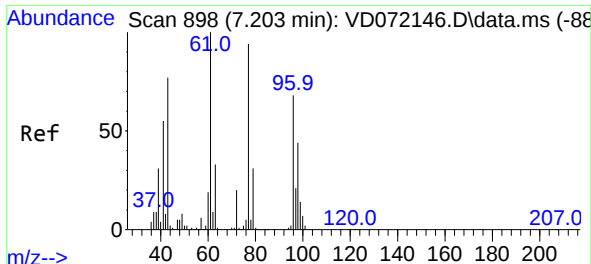
Tgt Ion: 43 Resp: 2739728
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 52.862 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072204.D
 Acq: 15 Mar 2022 22:55

Tgt Ion: 63 Resp: 549601
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.9
 100 4.5 2.1 6.5

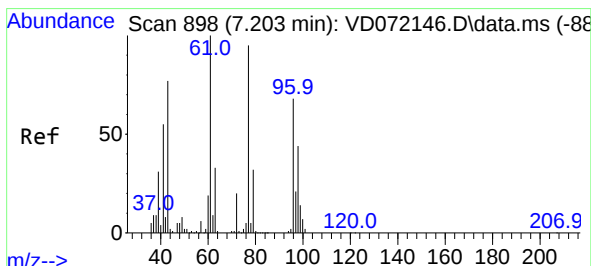
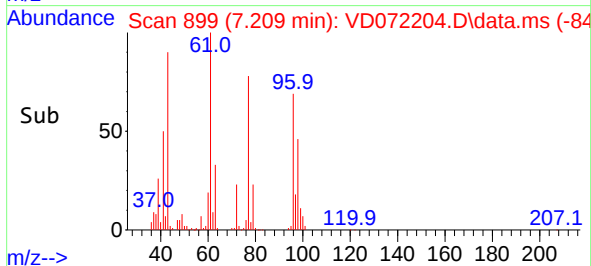
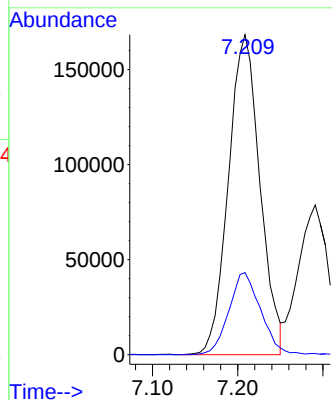
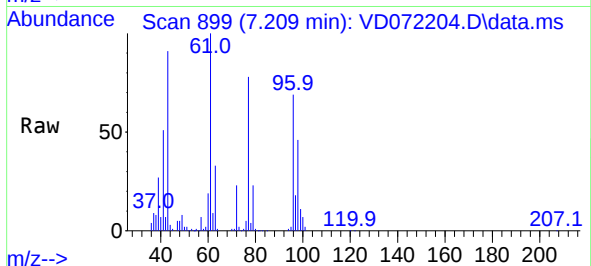




#25
2-Butanone
Concen: 279.221 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

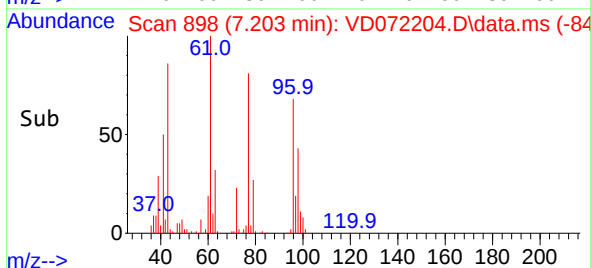
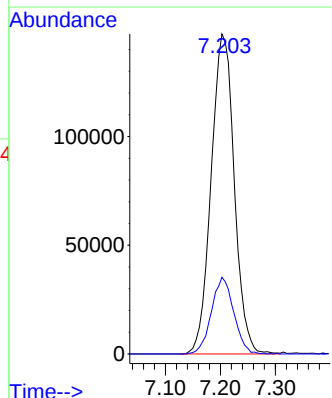
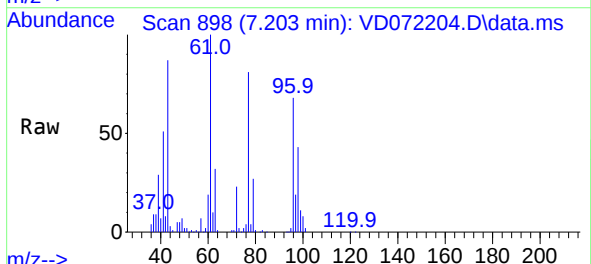
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

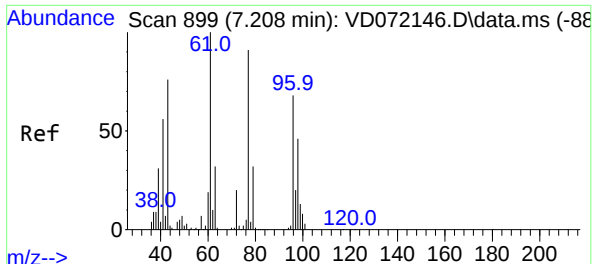
Tgt Ion: 43 Resp: 433284
Ion Ratio Lower Upper
43 100
72 25.7 18.6 27.8



#26
2,2-Dichloropropane
Concen: 45.801 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 77 Resp: 429662
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 53.658 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD072204.D

Acq: 15 Mar 2022 22:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

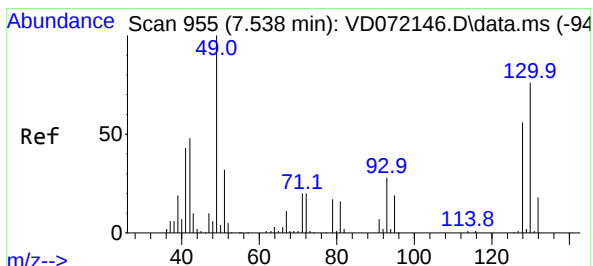
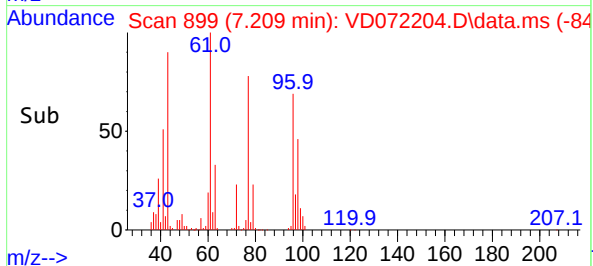
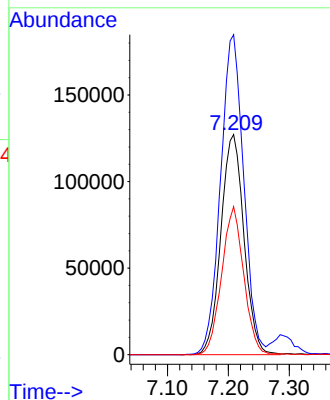
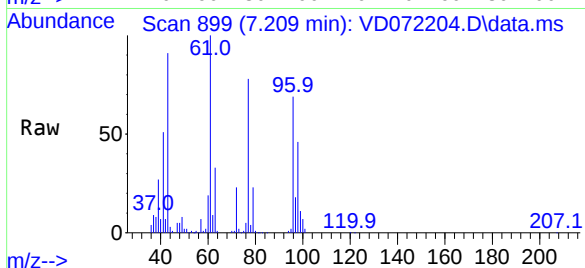
Tgt Ion: 96 Resp: 334953

Ion Ratio Lower Upper

96 100

61 146.0 0.0 313.8

98 64.5 0.0 128.8



#28

Bromochloromethane

Concen: 57.319 ug/l

RT: 7.544 min Scan# 956

Delta R.T. 0.006 min

Lab File: VD072204.D

Acq: 15 Mar 2022 22:55

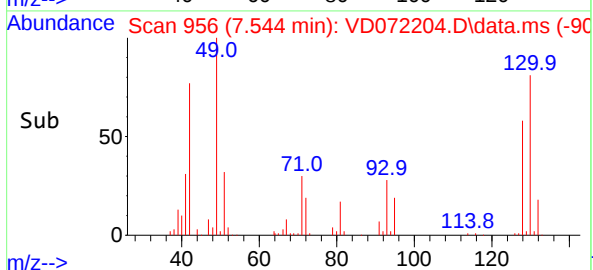
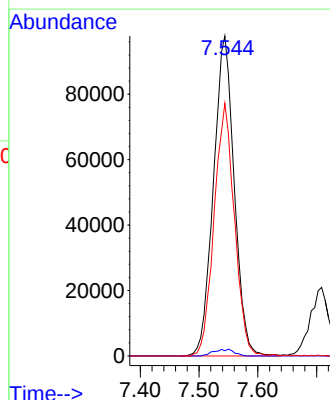
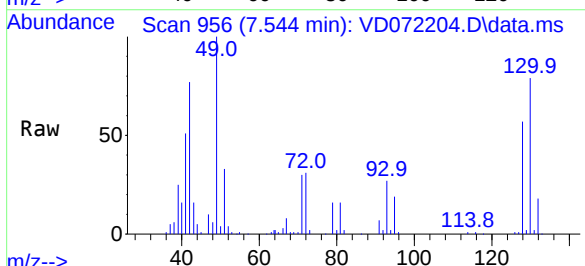
Tgt Ion: 49 Resp: 239913

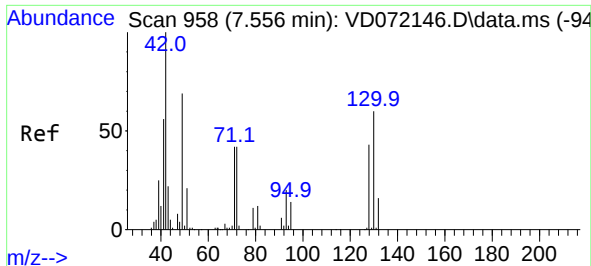
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 77.0 52.6 79.0

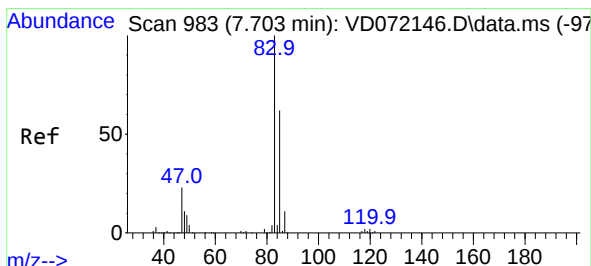
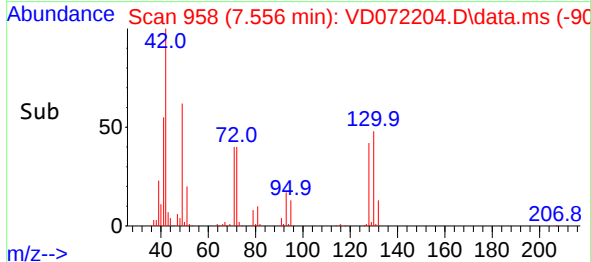
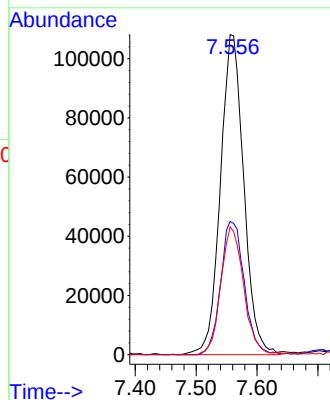
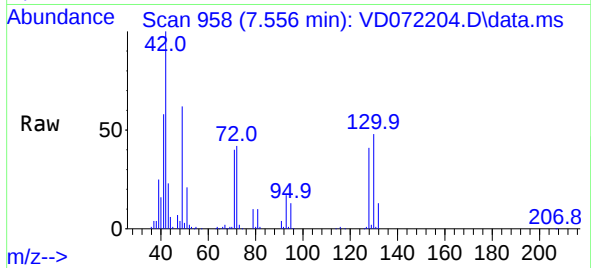




#29
Tetrahydrofuran
Concen: 316.126 ug/l
RT: 7.556 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

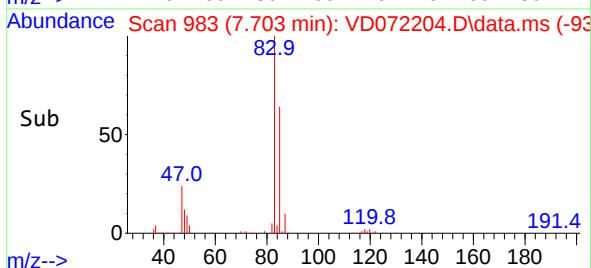
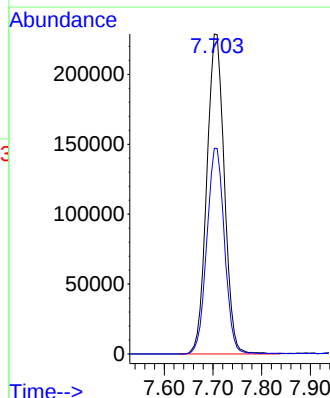
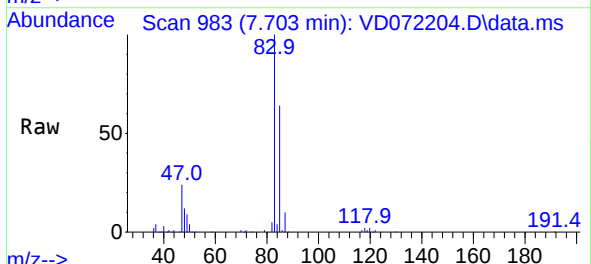
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

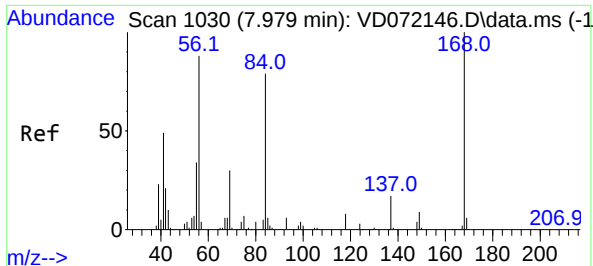
Tgt Ion: 42 Resp: 288451
Ion Ratio Lower Upper
42 100
72 42.0 30.7 46.1
71 39.1 28.6 43.0



#30
Chloroform
Concen: 51.452 ug/l
RT: 7.703 min Scan# 983
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 83 Resp: 569898
Ion Ratio Lower Upper
83 100
85 64.2 52.7 79.1





#31

Cyclohexane

Concen: 49.559 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072204.D

Acq: 15 Mar 2022 22:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

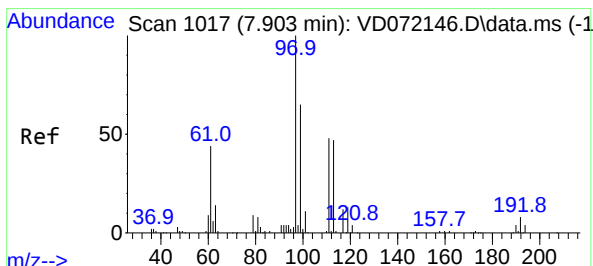
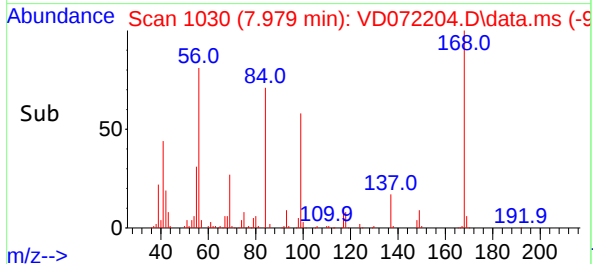
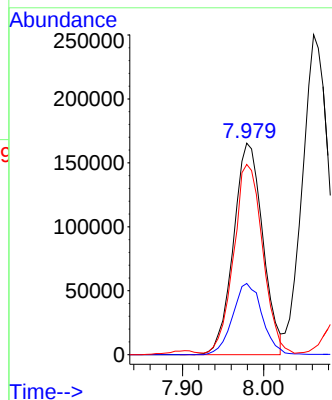
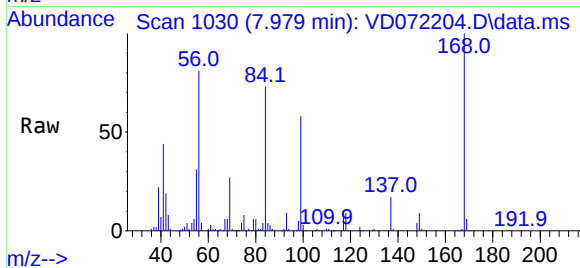
Tgt Ion: 56 Resp: 415041

Ion Ratio Lower Upper

56 100

69 33.4 25.4 38.2

84 88.3 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 48.712 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD072204.D

Acq: 15 Mar 2022 22:55

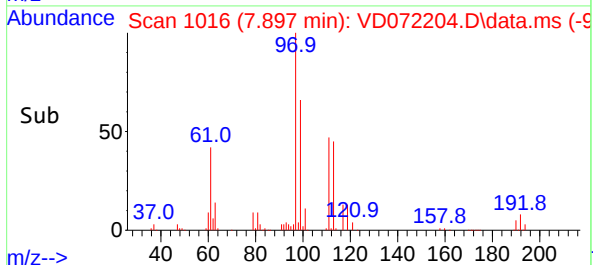
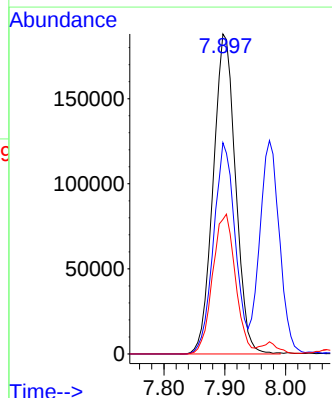
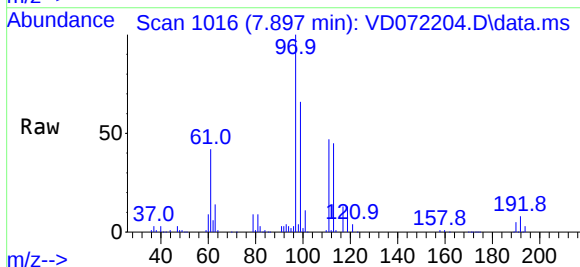
Tgt Ion: 97 Resp: 479202

Ion Ratio Lower Upper

97 100

99 64.1 52.4 78.6

61 44.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 54.653 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072204.D

Acq: 15 Mar 2022 22:55

Instrument :

MSVOA_D

ClientSampleId :

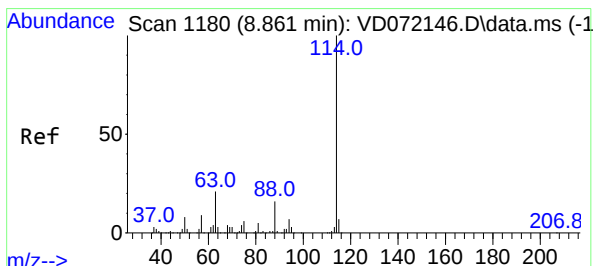
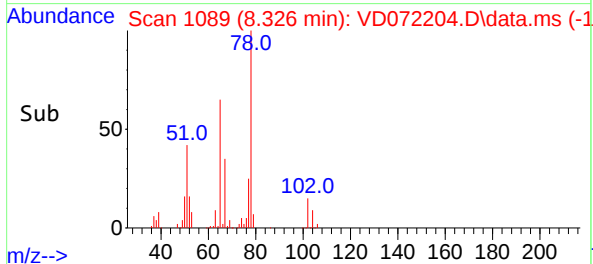
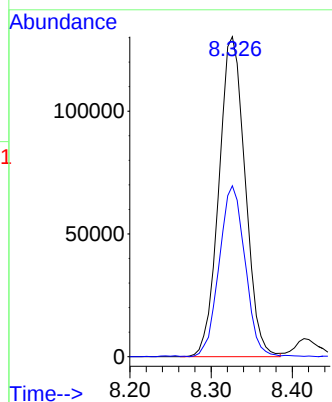
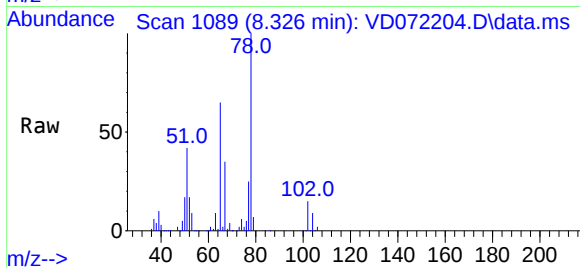
VSTDCCC050

Tgt Ion: 65 Resp: 292956

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072204.D

Acq: 15 Mar 2022 22:55

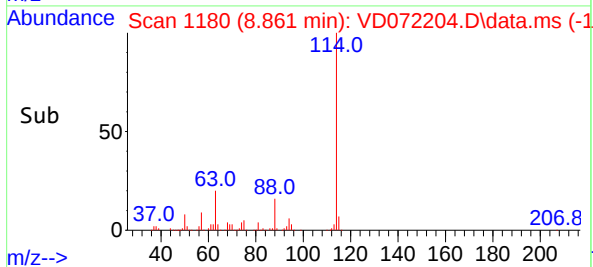
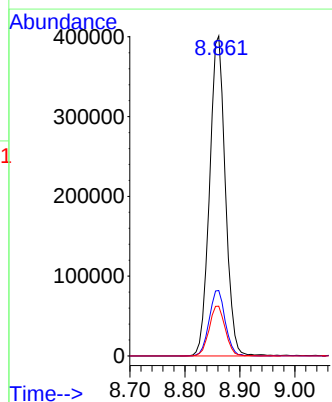
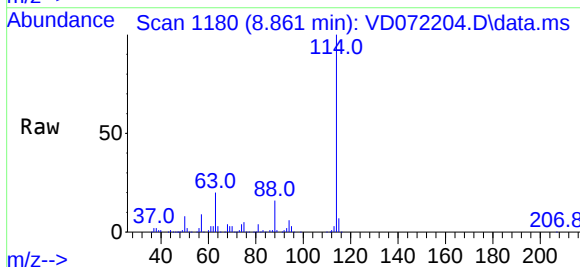
Tgt Ion: 114 Resp: 797717

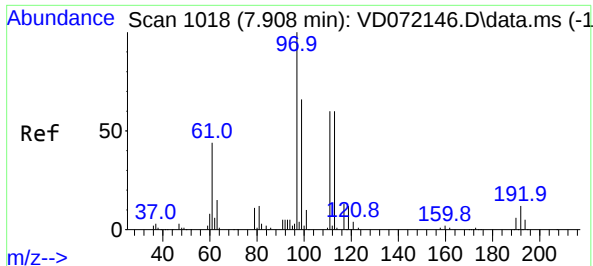
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.6 0.0 33.2

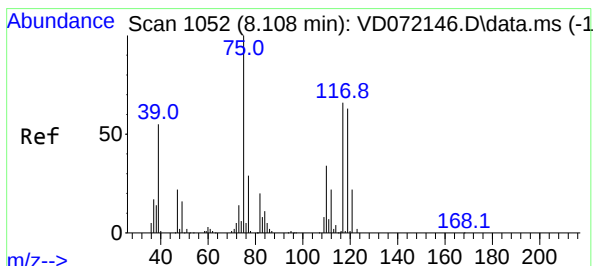
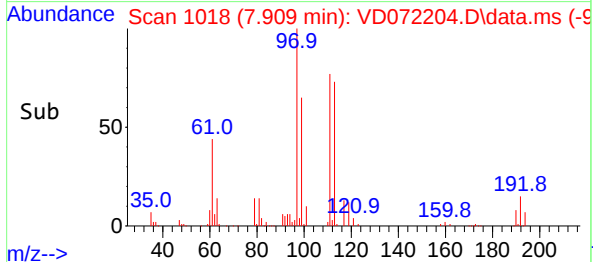
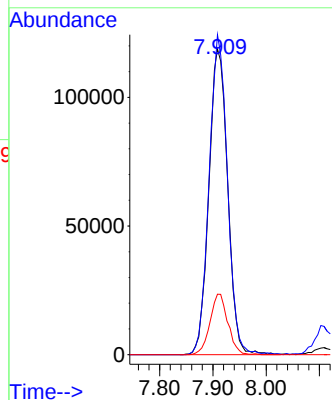
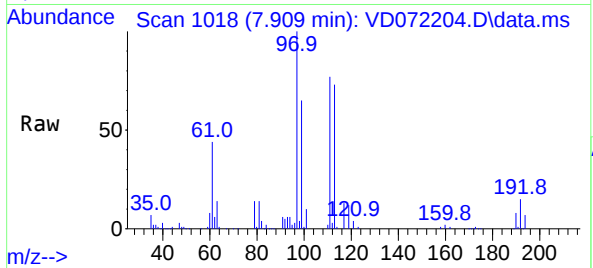




#35
Dibromofluoromethane
Concen: 51.869 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

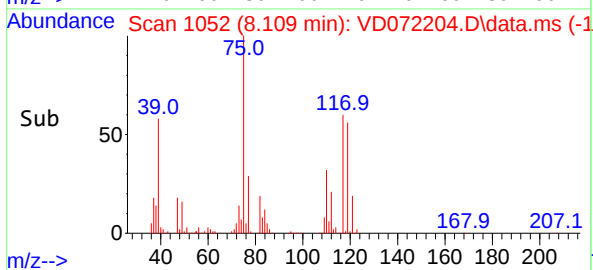
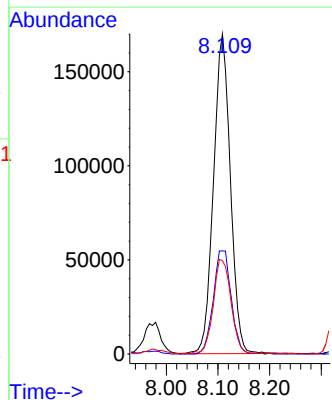
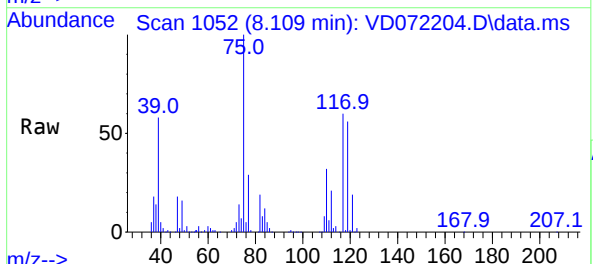
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 291172
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 18.8 14.6 21.8



#36
1,1-Dichloropropene
Concen: 48.902 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 75 Resp: 385109
Ion Ratio Lower Upper
75 100
110 34.4 16.4 49.1
77 31.3 24.2 36.2

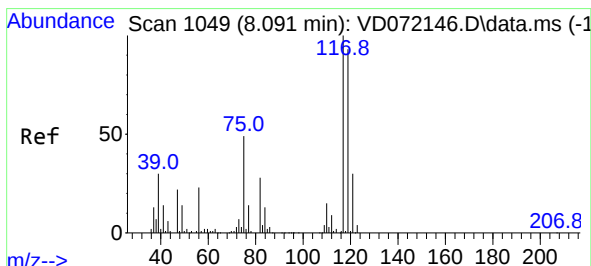
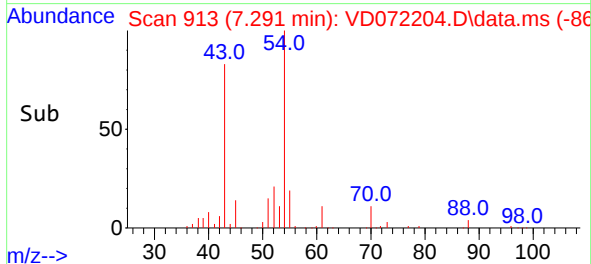
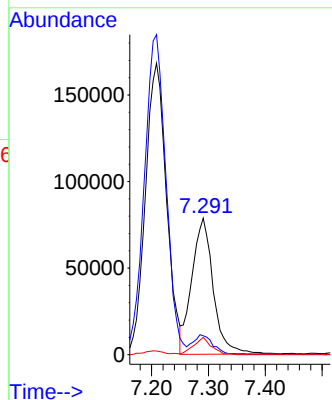
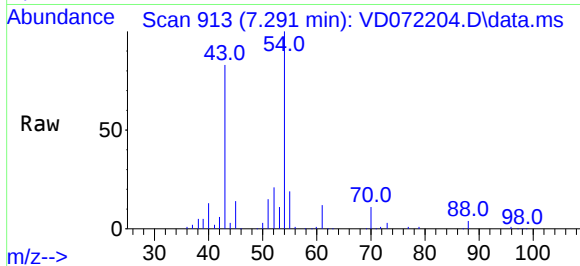




#37
Ethyl Acetate
Concen: 59.832 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

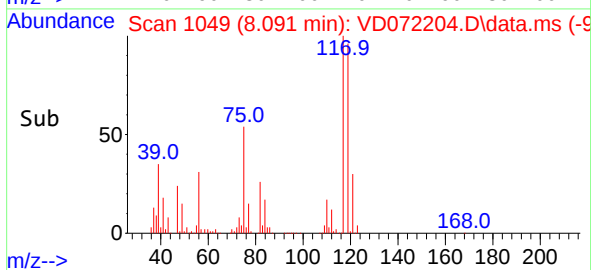
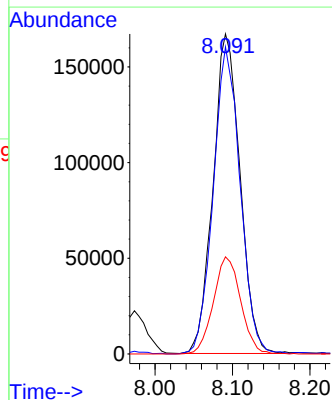
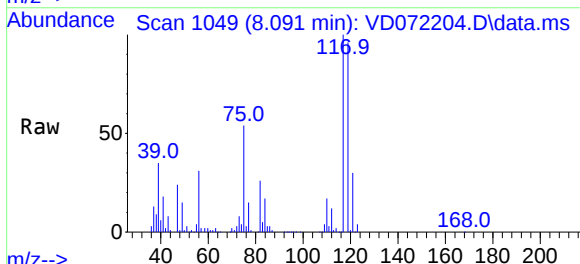
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

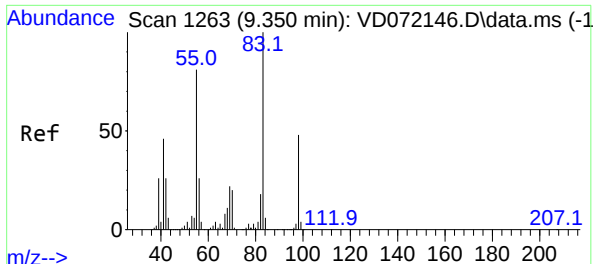
Tgt Ion: 43 Resp: 206400
Ion Ratio Lower Upper
43 100
61 13.6 9.8 14.8
70 10.5 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 45.118 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 117 Resp: 403889
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.6
121 30.4 24.5 36.7





#39

Methylcyclohexane

Concen: 51.159 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072204.D

Acq: 15 Mar 2022 22:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

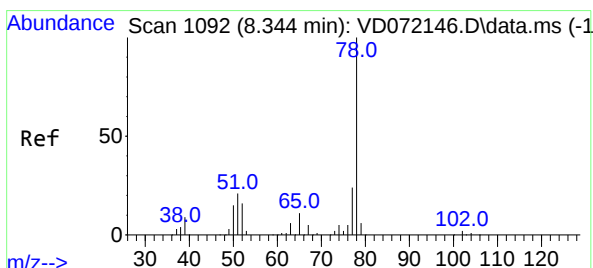
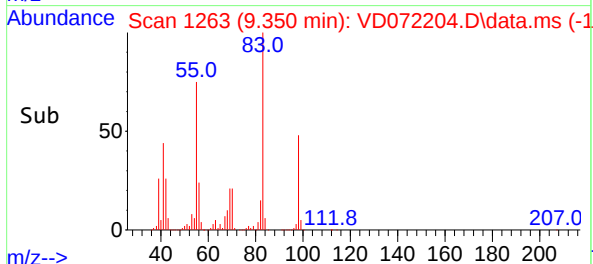
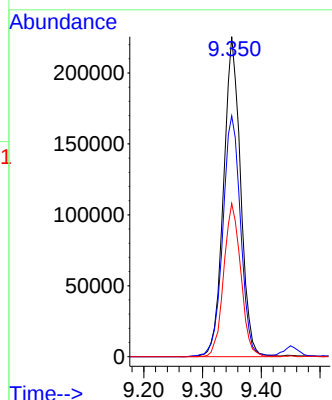
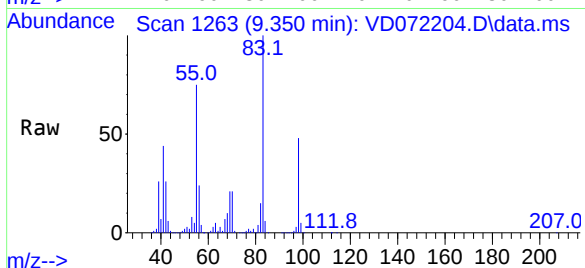
Tgt Ion: 83 Resp: 453362

Ion Ratio Lower Upper

83 100

55 75.3 63.2 94.8

98 47.8 38.2 57.4



#40

Benzene

Concen: 51.645 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD072204.D

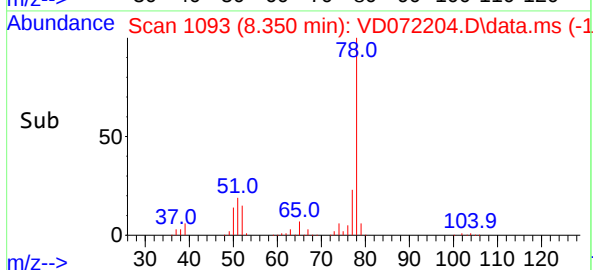
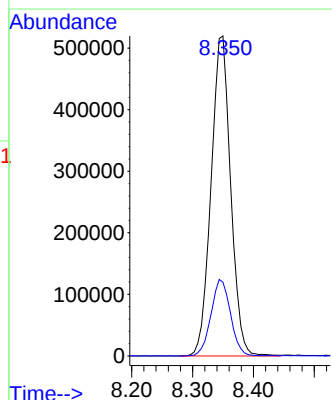
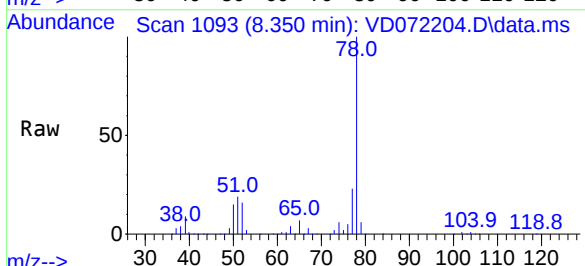
Acq: 15 Mar 2022 22:55

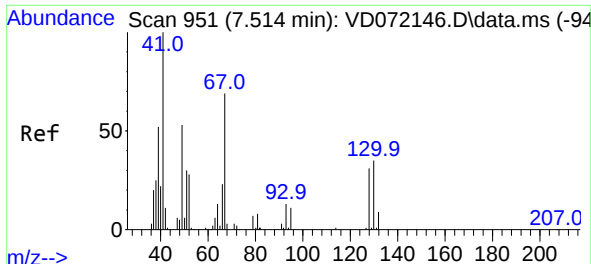
Tgt Ion: 78 Resp: 1160307

Ion Ratio Lower Upper

78 100

77 23.1 19.1 28.7

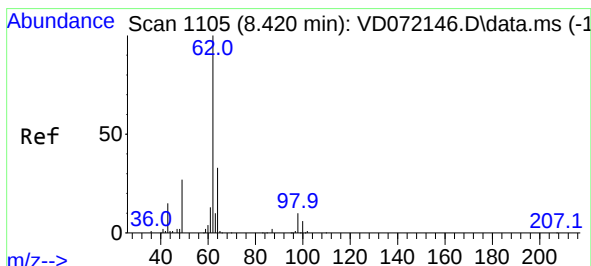
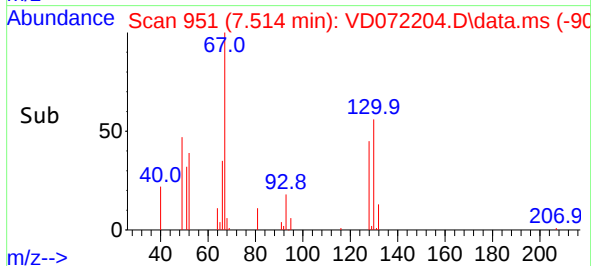
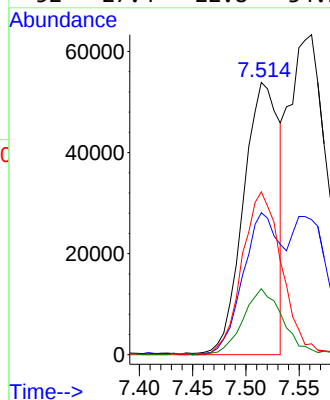
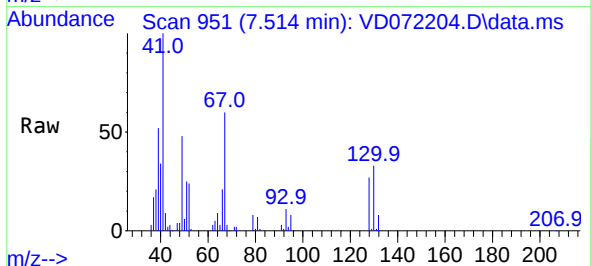




#41
Methacrylonitrile
Concen: 62.523 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

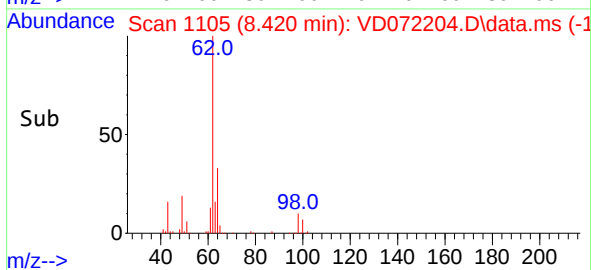
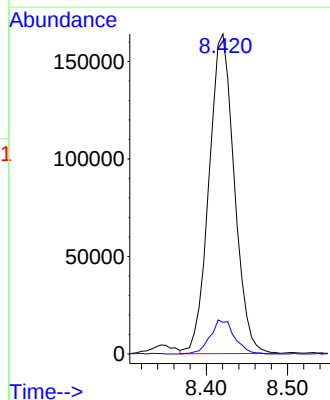
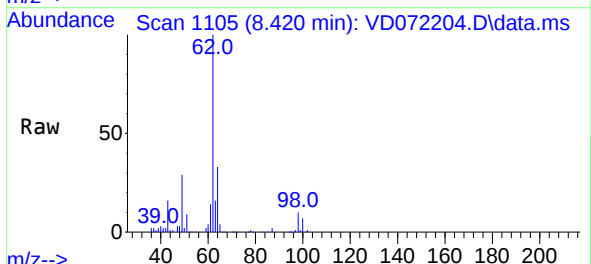
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 125712
Ion Ratio Lower Upper
41 100
39 57.0 44.6 67.0
67 66.6 48.2 72.4
52 27.4 22.8 34.2



#42
1,2-Dichloroethane
Concen: 52.048 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 62 Resp: 354727
Ion Ratio Lower Upper
62 100
98 10.2 0.0 17.6

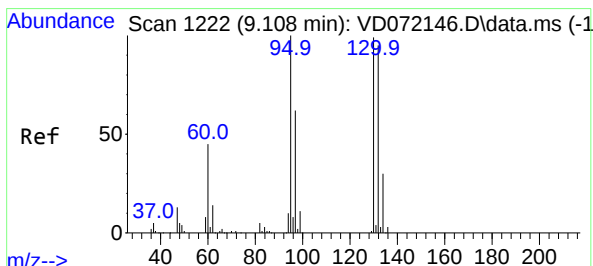
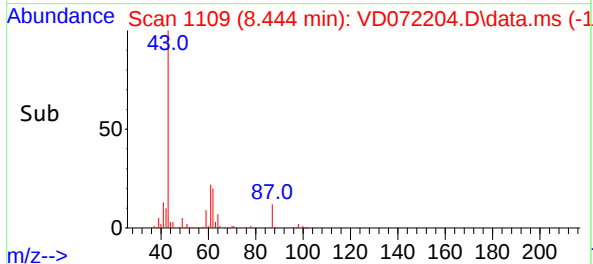
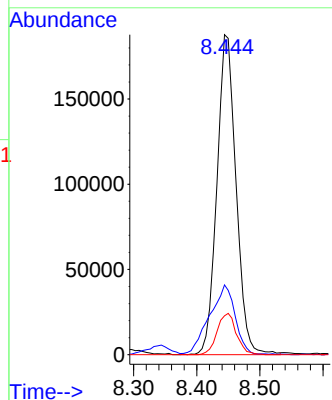
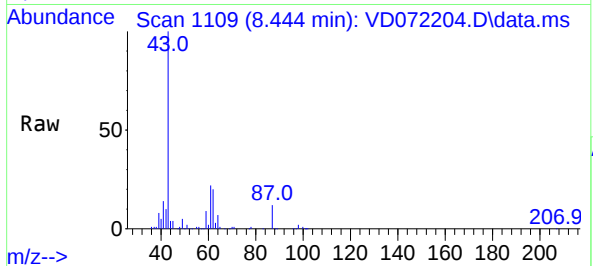




#43
Isopropyl Acetate
Concen: 59.010 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

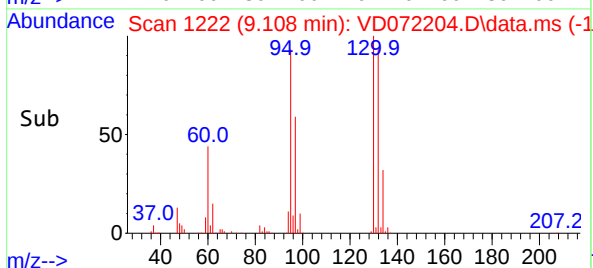
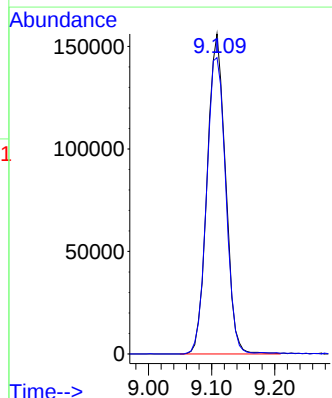
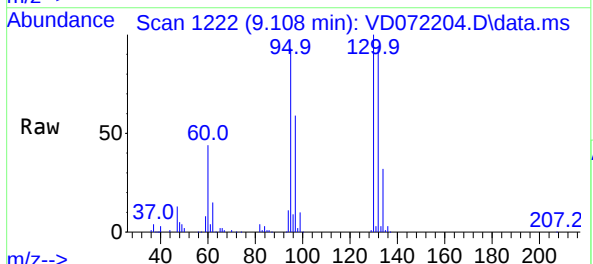
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

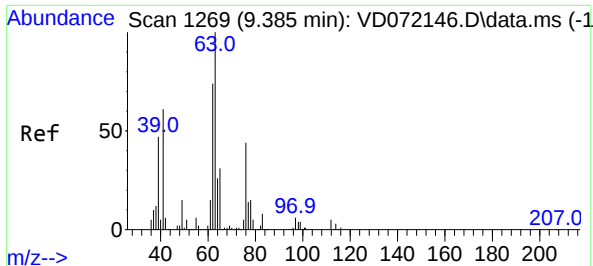
Tgt Ion: 43 Resp: 395109
Ion Ratio Lower Upper
43 100
61 29.4 22.4 33.6
87 13.0 8.7 13.1



#44
Trichloroethene
Concen: 49.868 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion:130 Resp: 314526
Ion Ratio Lower Upper
130 100
95 92.6 0.0 205.4





#45

1,2-Dichloropropane

Concen: 51.059 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD072204.D

Acq: 15 Mar 2022 22:55

Instrument :

MSVOA_D

ClientSampleId :

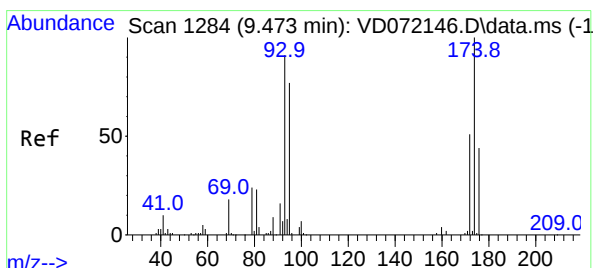
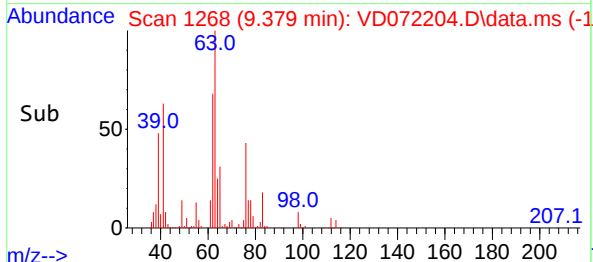
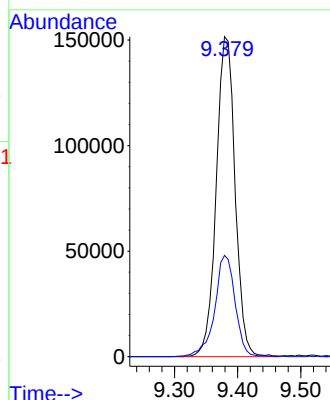
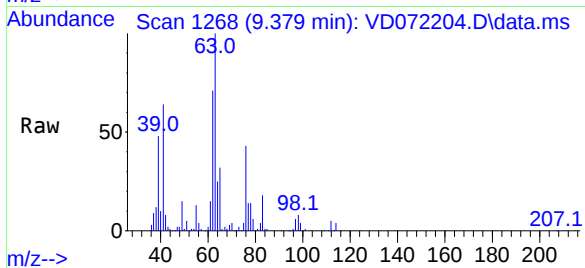
VSTDCCC050

Tgt Ion: 63 Resp: 314604

Ion Ratio Lower Upper

63 100

65 31.5 26.2 39.4



#46

Dibromomethane

Concen: 53.906 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD072204.D

Acq: 15 Mar 2022 22:55

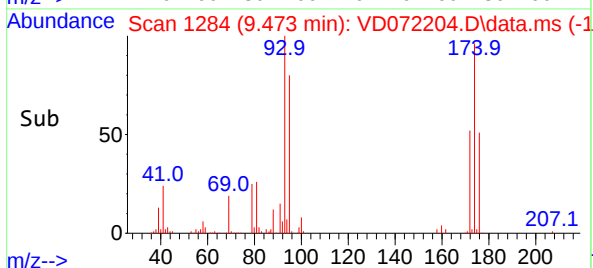
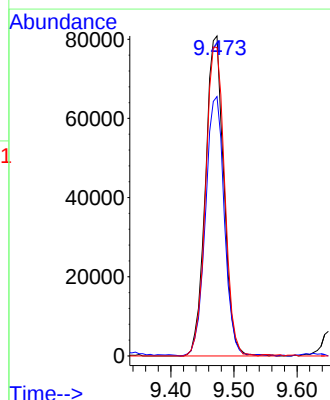
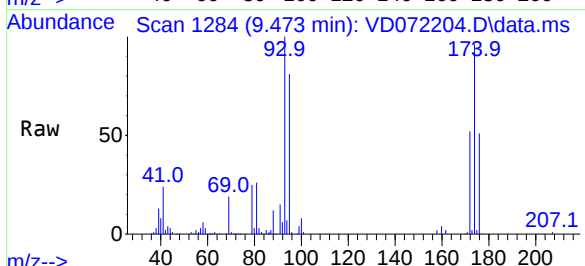
Tgt Ion: 93 Resp: 163384

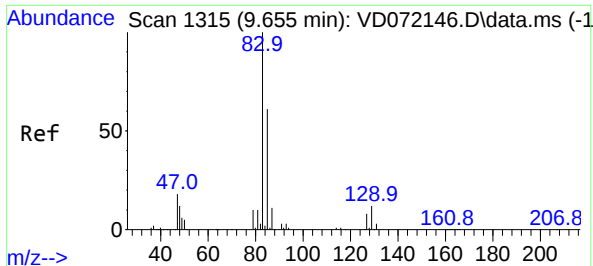
Ion Ratio Lower Upper

93 100

95 83.5 66.7 100.1

174 99.7 71.6 107.4

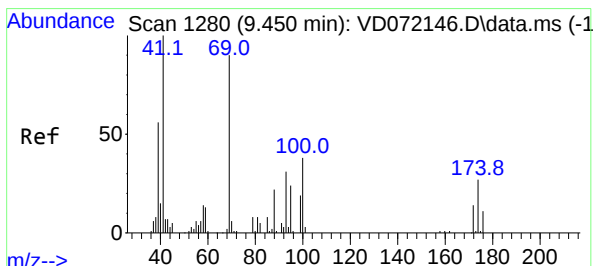
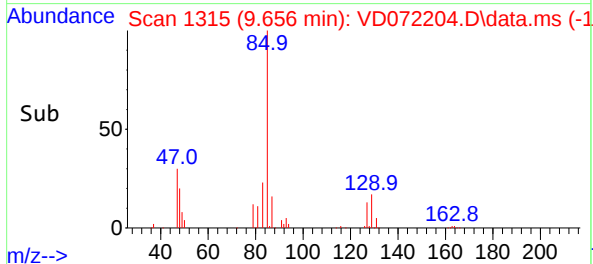
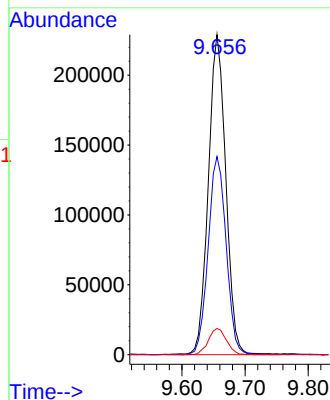
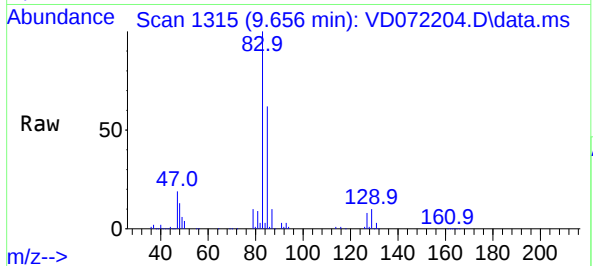




#47
Bromodichloromethane
Concen: 49.854 ug/l
RT: 9.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

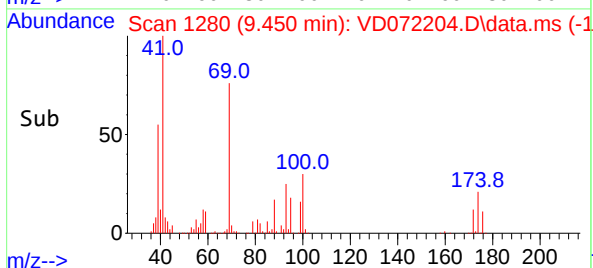
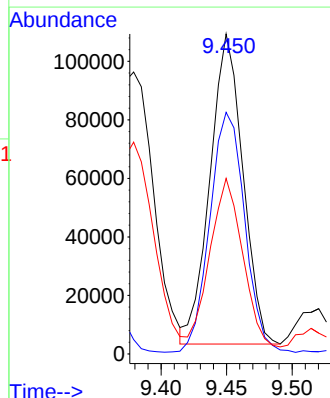
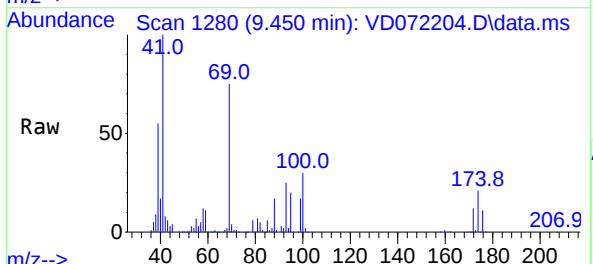
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

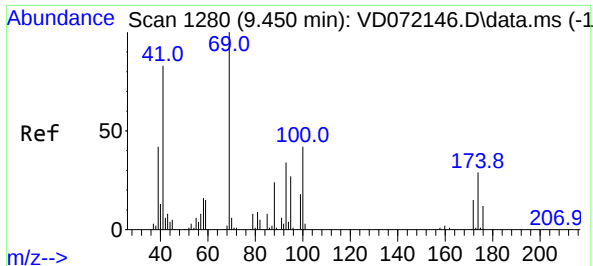
Tgt Ion: 83 Resp: 440499
Ion Ratio Lower Upper
83 100
85 61.8 51.4 77.0
127 8.2 6.1 9.1



#48
Methyl methacrylate
Concen: 57.712 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 41 Resp: 184510
Ion Ratio Lower Upper
41 100
69 82.7 56.7 85.1
39 59.1 42.7 64.1

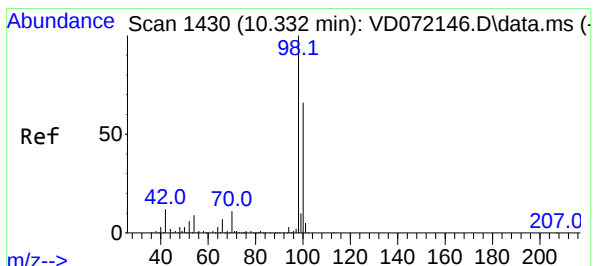
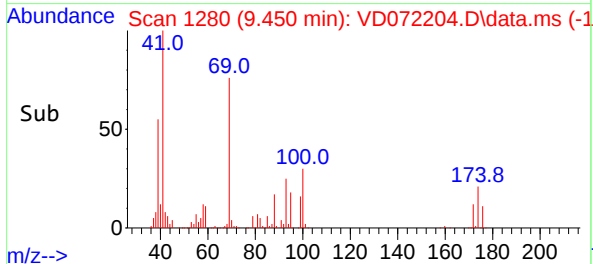
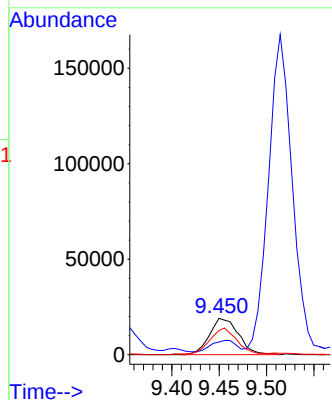
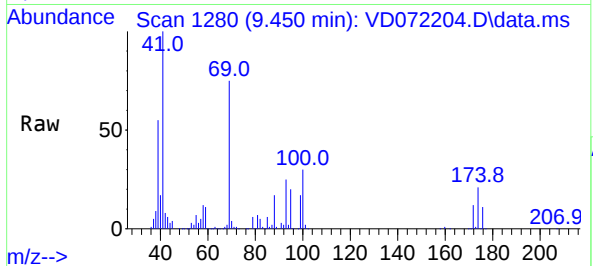




#49
1,4-Dioxane
Concen: 1119.906 ug/l
RT: 9.450 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

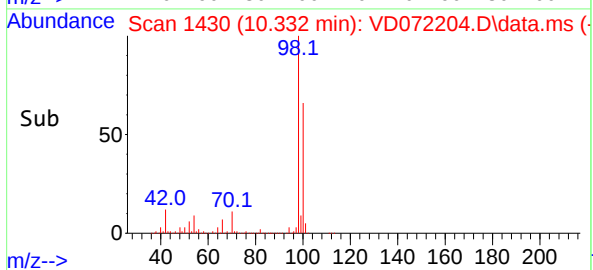
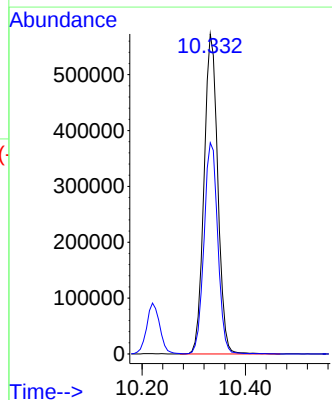
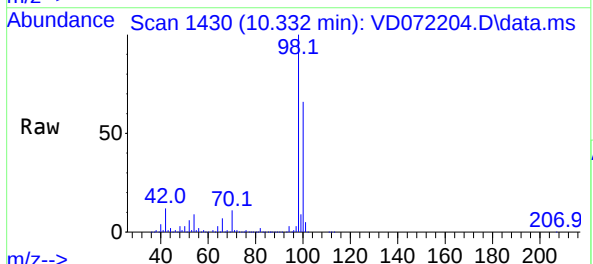
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

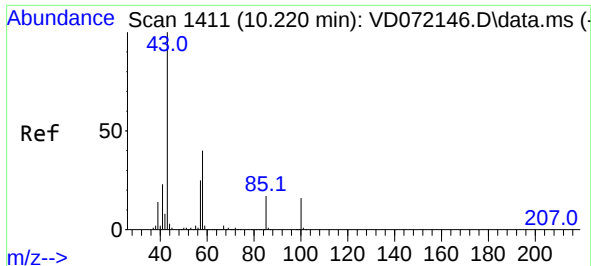
Tgt Ion: 88 Resp: 40704
Ion Ratio Lower Upper
88 100
43 25.8 31.0 46.4#
58 69.2 58.1 87.1



#50
Toluene-d8
Concen: 51.400 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 98 Resp: 1055043
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6

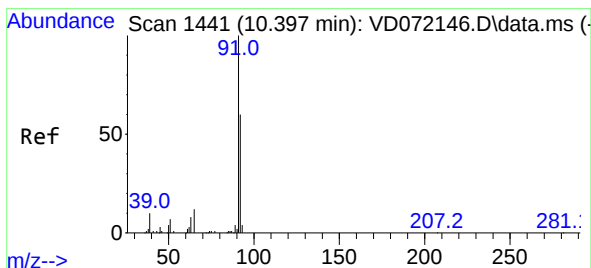
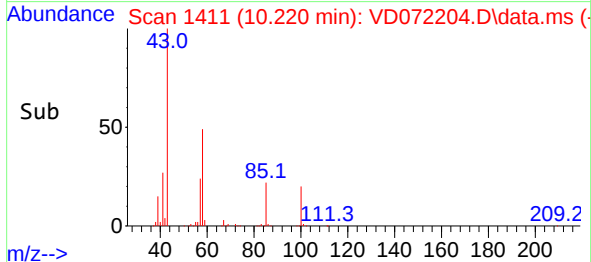
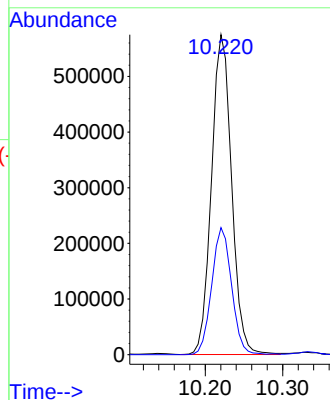
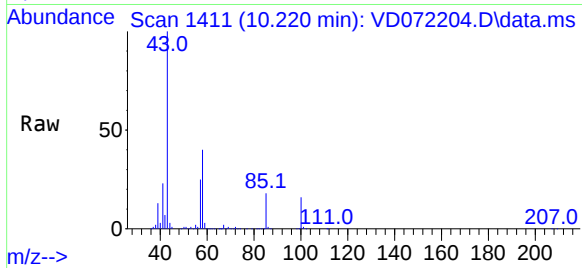




#51
4-Methyl-2-Pentanone
Concen: 295.561 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

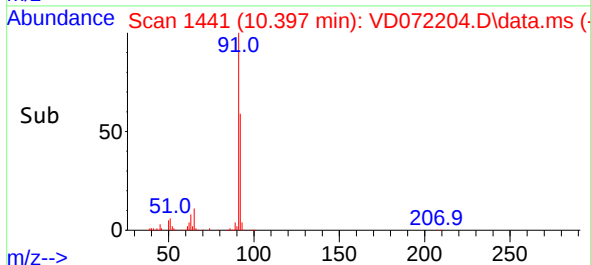
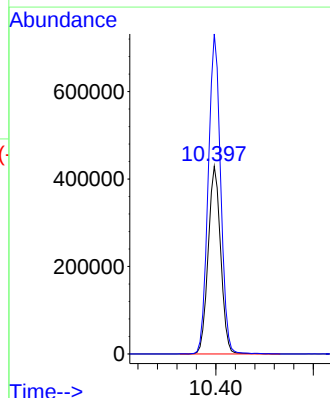
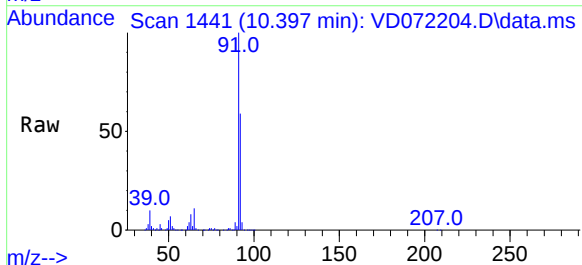
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

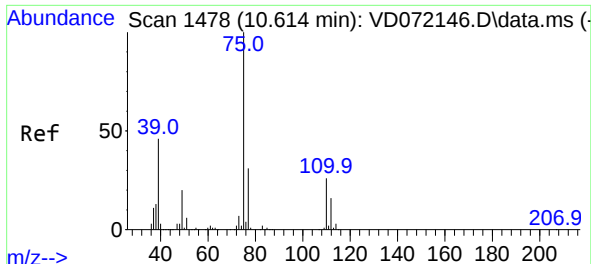
Tgt Ion: 43 Resp: 1039395
Ion Ratio Lower Upper
43 100
58 39.3 28.6 43.0



#52
Toluene
Concen: 51.401 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 92 Resp: 759906
Ion Ratio Lower Upper
92 100
91 169.5 139.6 209.4

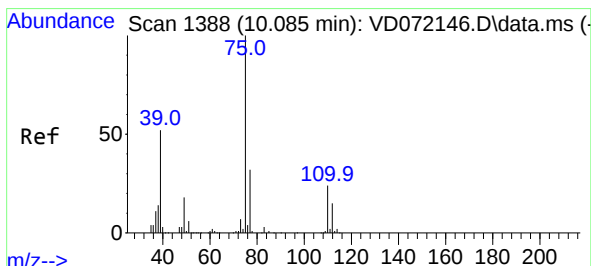
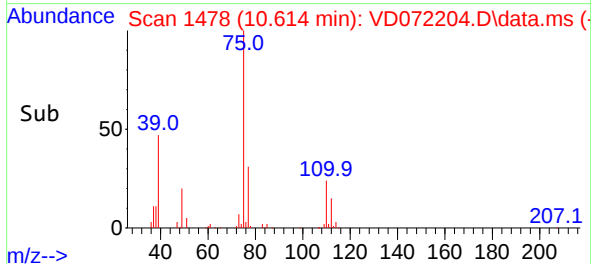
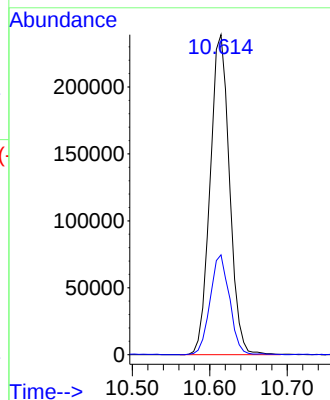
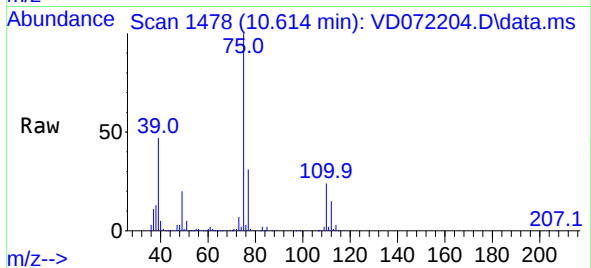




#53
t-1,3-Dichloropropene
Concen: 51.519 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

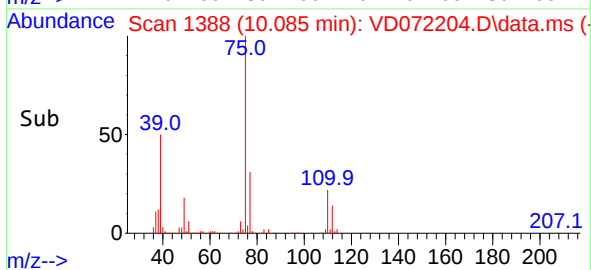
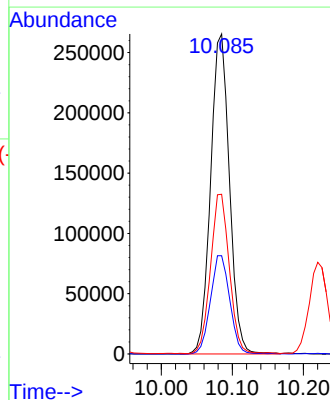
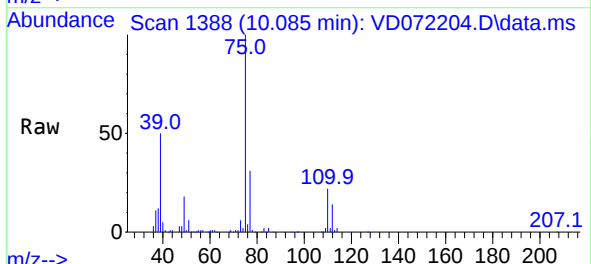
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

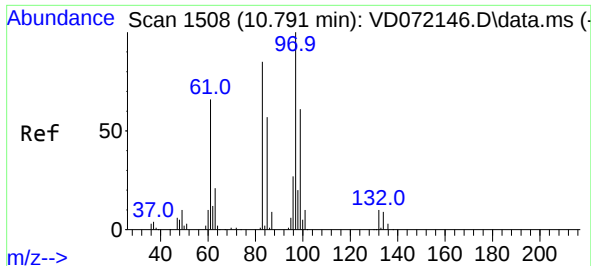
Tgt Ion: 75 Resp: 415904
Ion Ratio Lower Upper
75 100
77 31.2 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 52.286 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 75 Resp: 487949
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2
39 49.8 46.8 70.2



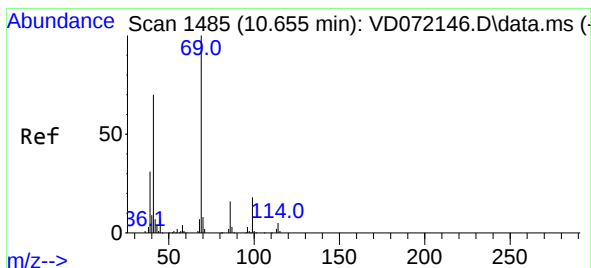
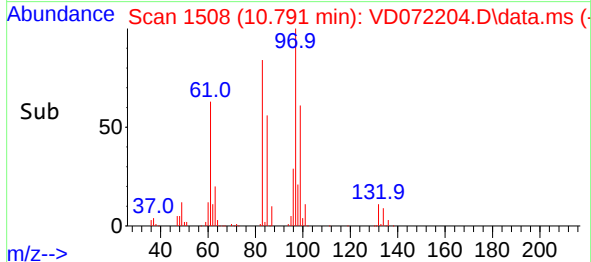
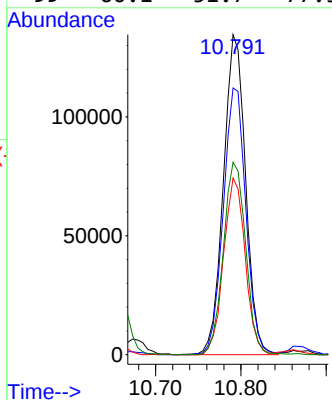
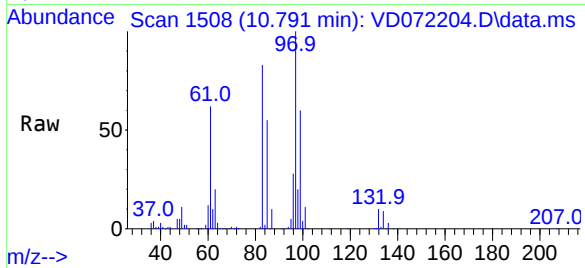


#55
1,1,2-Trichloroethane
Concen: 52.702 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 243334

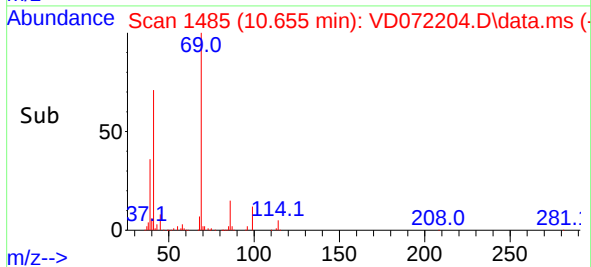
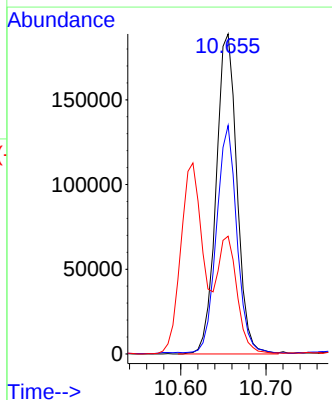
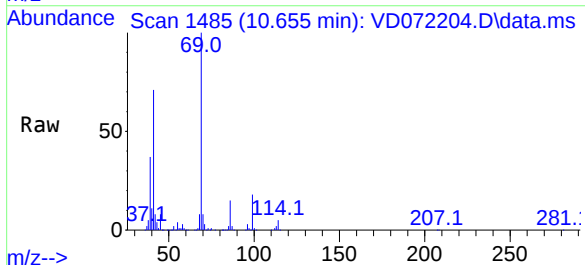
Ion	Ratio	Lower	Upper
97	100		
83	83.4	69.0	103.4
85	55.1	42.6	63.8
99	60.1	51.7	77.5

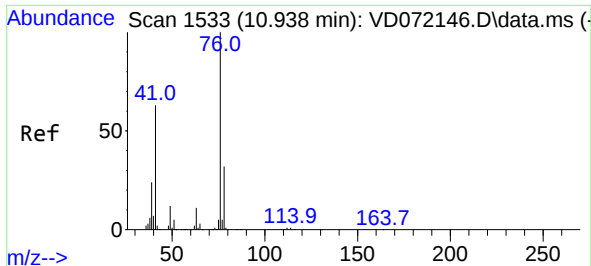


#56
Ethyl methacrylate
Concen: 59.278 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 69 Resp: 320577

Ion	Ratio	Lower	Upper
69	100		
41	70.4	63.0	94.6
39	32.9	33.8	50.8





#57

1,3-Dichloropropane

Concen: 53.313 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072204.D

Acq: 15 Mar 2022 22:55

Instrument :

MSVOA_D

ClientSampleId :

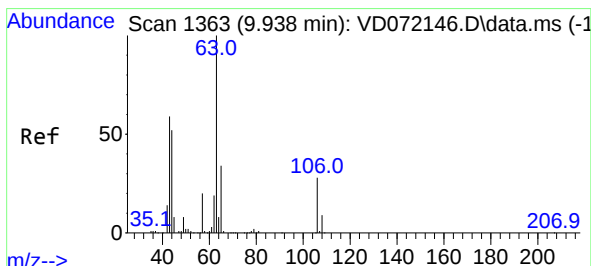
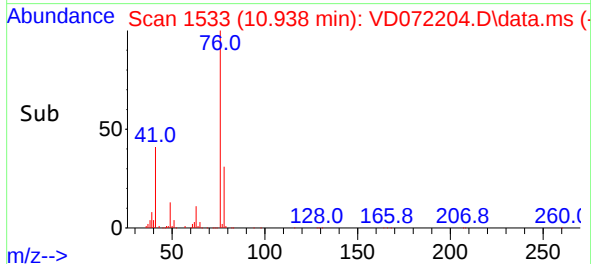
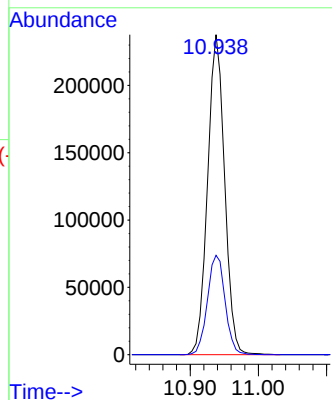
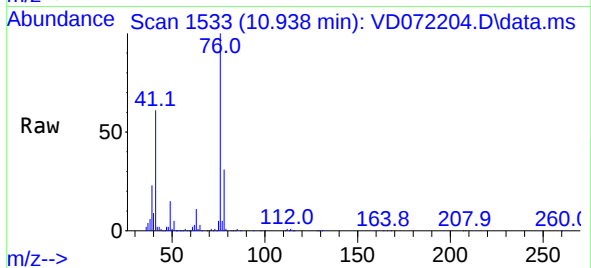
VSTDCCC050

Tgt Ion: 76 Resp: 413124

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 263.211 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD072204.D

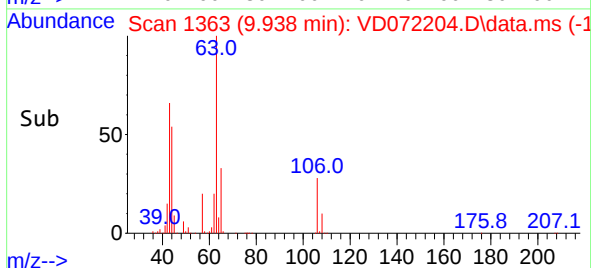
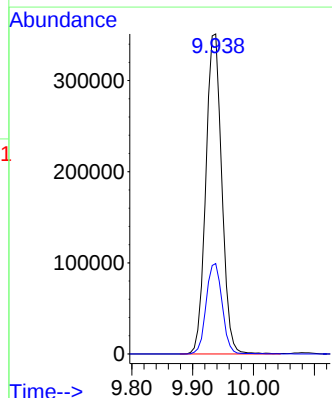
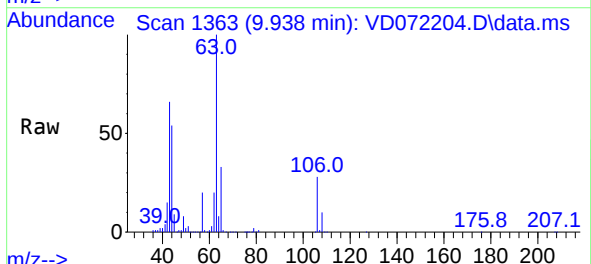
Acq: 15 Mar 2022 22:55

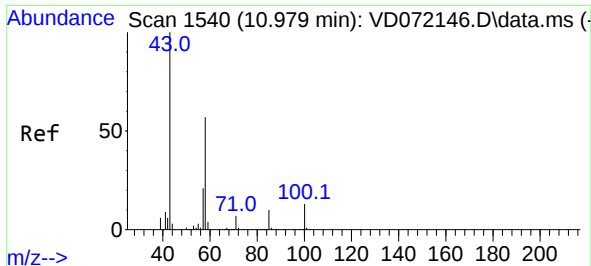
Tgt Ion: 63 Resp: 640024

Ion Ratio Lower Upper

63 100

106 28.3 21.4 32.0

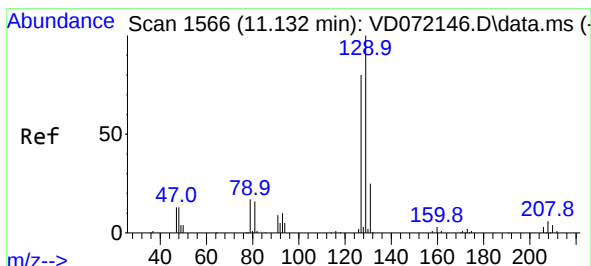
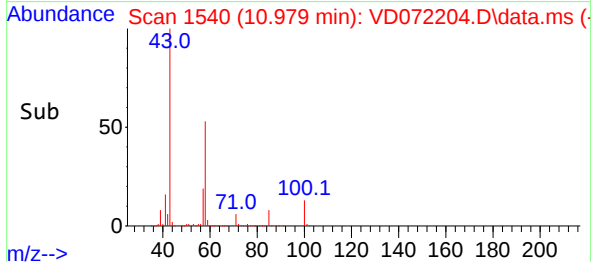
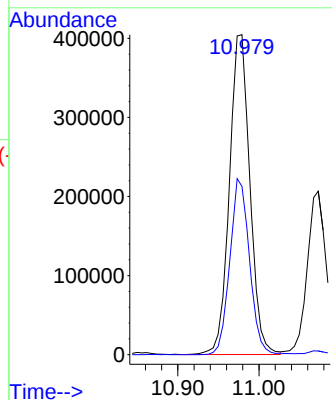
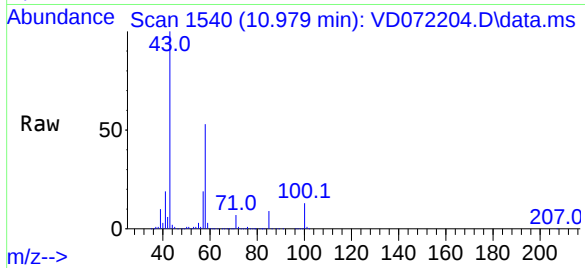




#59
2-Hexanone
Concen: 291.570 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

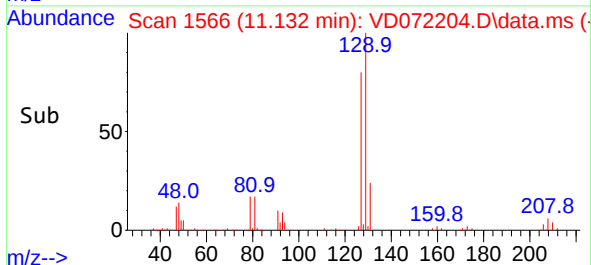
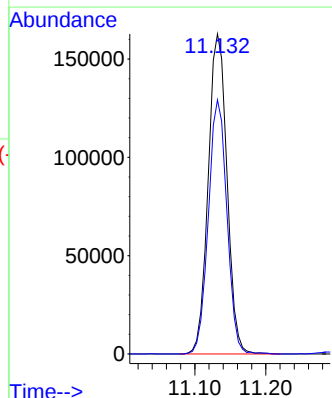
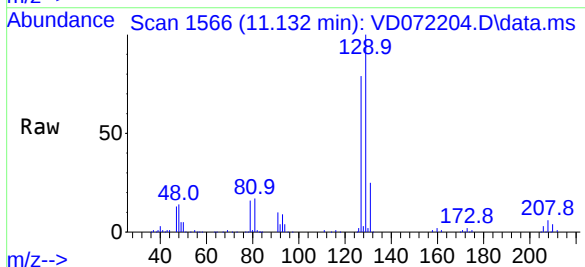
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

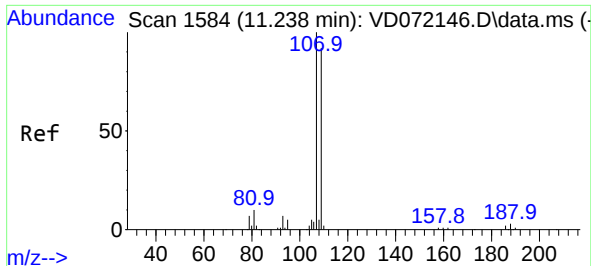
Tgt Ion: 43 Resp: 708184
Ion Ratio Lower Upper
43 100
58 52.9 25.3 75.9



#60
Dibromochloromethane
Concen: 49.870 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion:129 Resp: 298785
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6

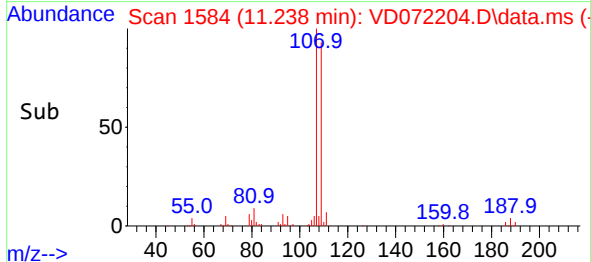
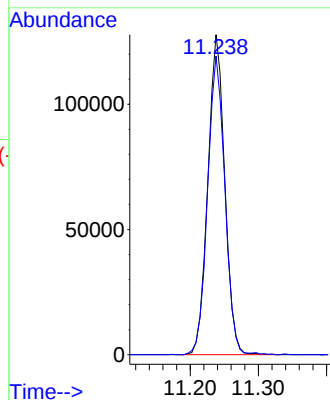
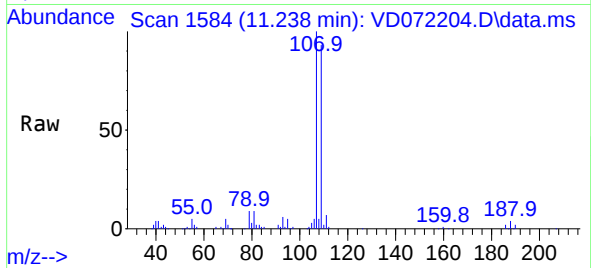




#61
1,2-Dibromoethane
Concen: 52.967 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

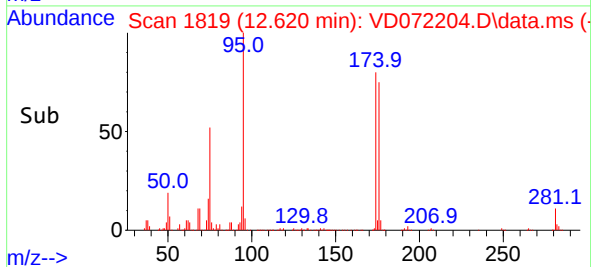
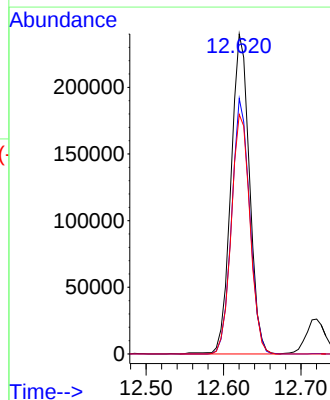
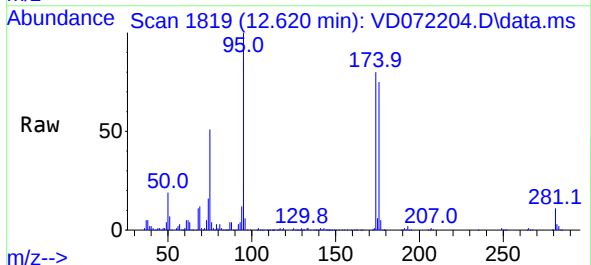
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 220985
Ion Ratio Lower Upper
107 100
109 95.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.987 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 95 Resp: 398671
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 75.4 0.0 145.4

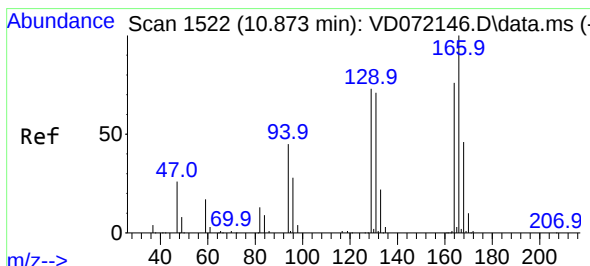
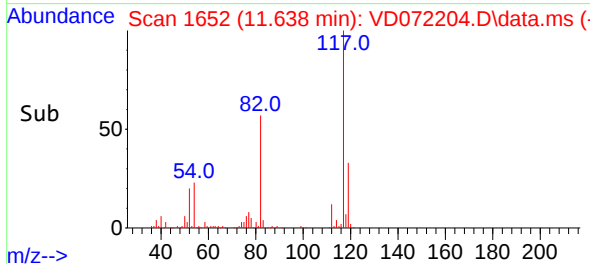
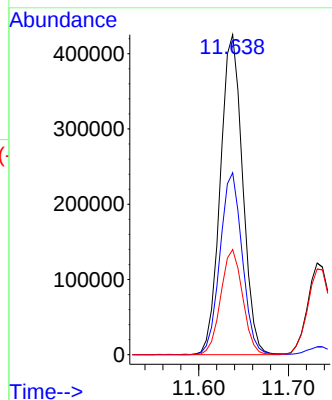
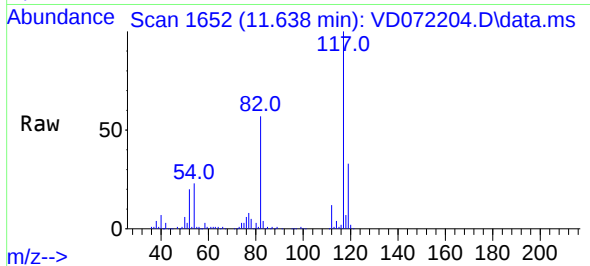




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

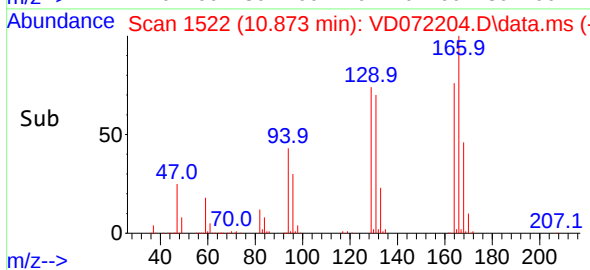
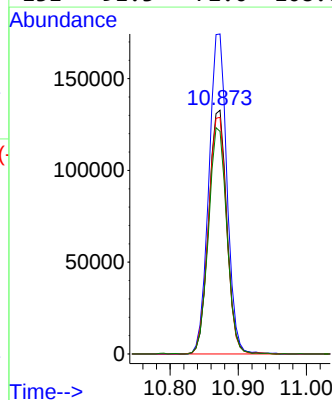
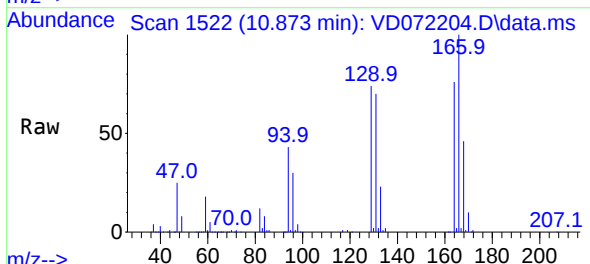
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

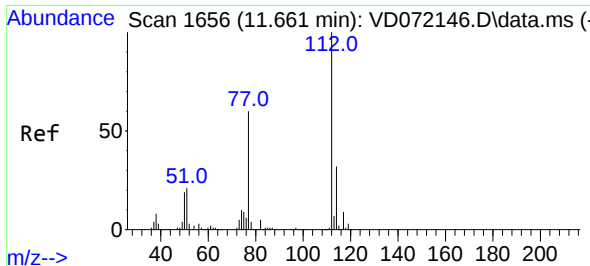
Tgt Ion:117 Resp: 732892
Ion Ratio Lower Upper
117 100
82 56.8 45.3 67.9
119 32.9 26.6 40.0



#64
Tetrachloroethene
Concen: 47.749 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion:164 Resp: 246566
Ion Ratio Lower Upper
164 100
166 131.3 98.5 147.7
129 97.1 74.6 111.8
131 91.3 72.0 108.0

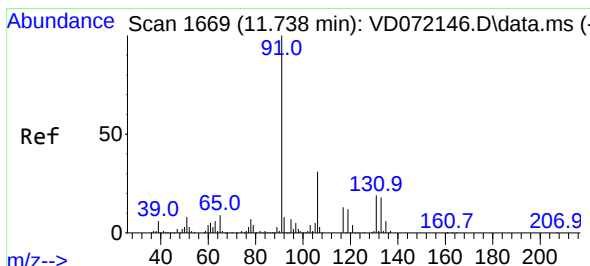
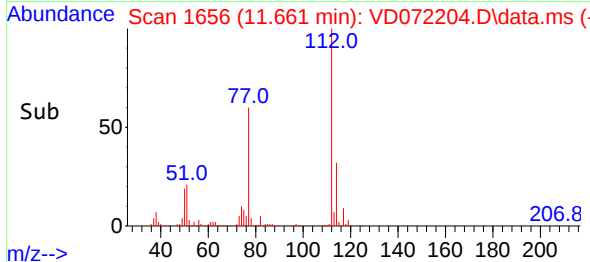
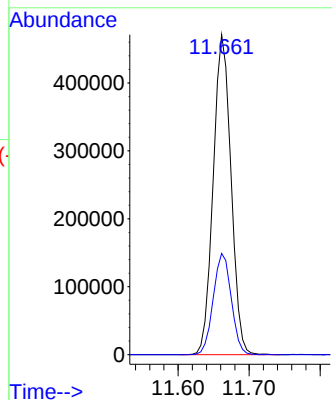
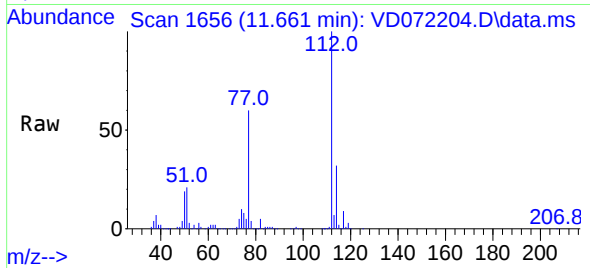




#65
Chlorobenzene
Concen: 50.358 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

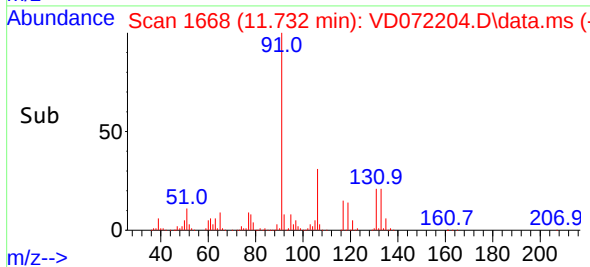
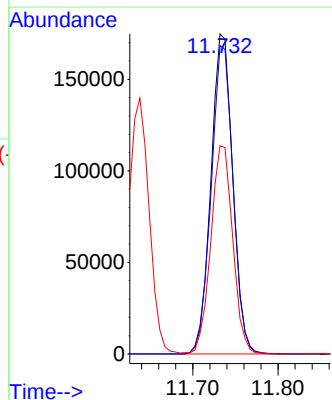
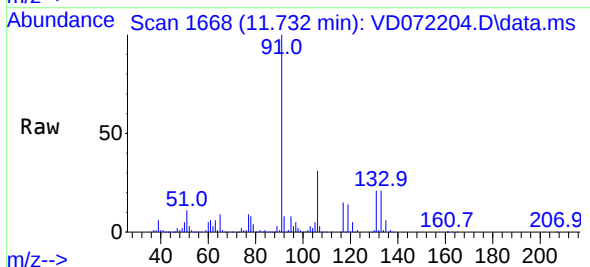
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

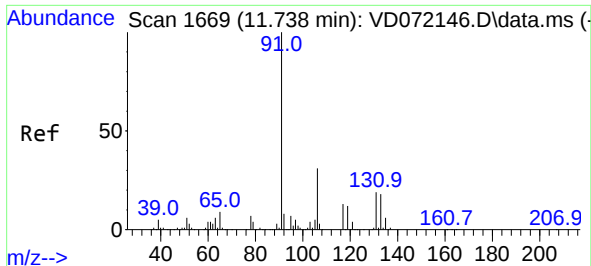
Tgt Ion:112 Resp: 818215
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.420 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion:131 Resp: 311106
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.3
119 65.5 31.9 95.9





#67

Ethyl Benzene

Concen: 49.969 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VD072204.D

Acq: 15 Mar 2022 22:55

Instrument :

MSVOA_D

ClientSampleId :

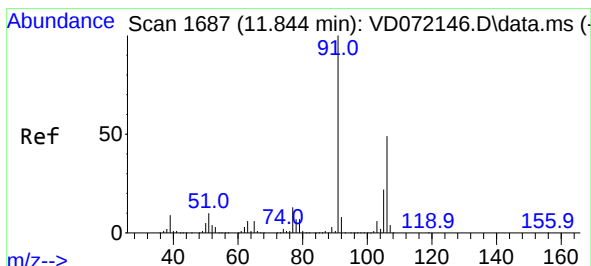
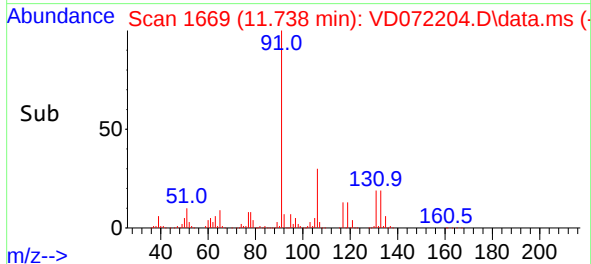
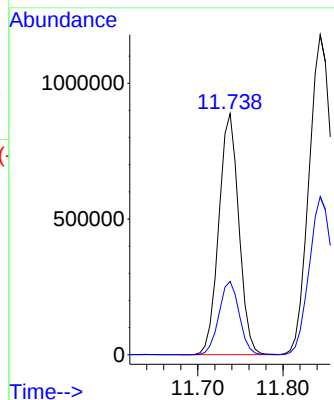
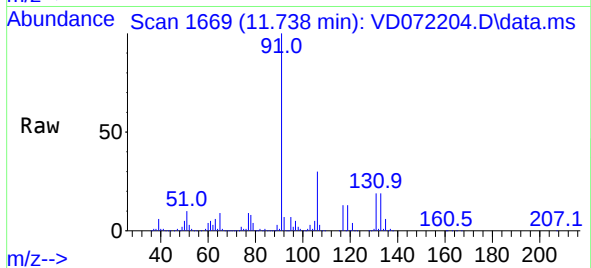
VSTDCCC050

Tgt Ion: 91 Resp: 1450080

Ion Ratio Lower Upper

91 100

106 30.4 24.2 36.4



#68

m/p-Xylenes

Concen: 101.229 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD072204.D

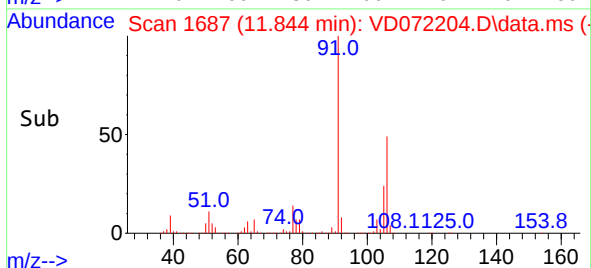
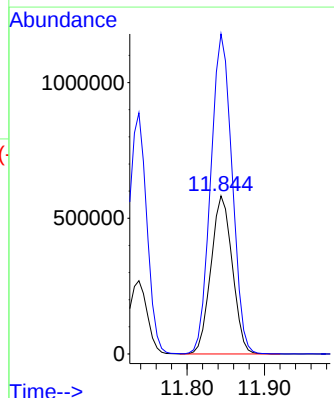
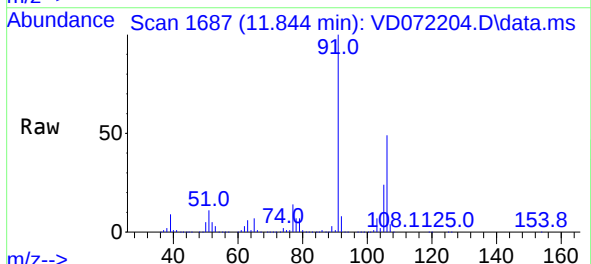
Acq: 15 Mar 2022 22:55

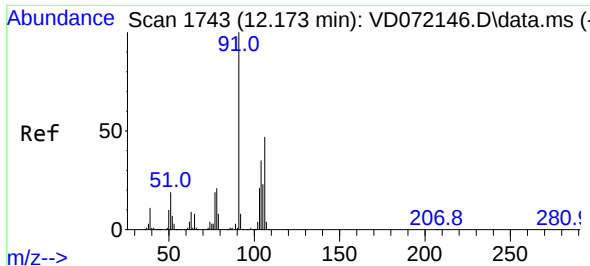
Tgt Ion:106 Resp: 1115458

Ion Ratio Lower Upper

106 100

91 202.7 163.7 245.5

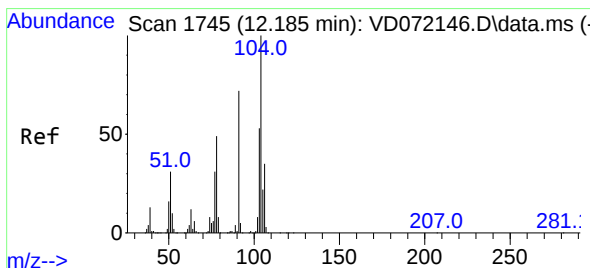
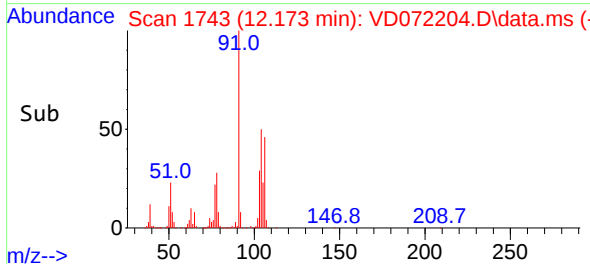
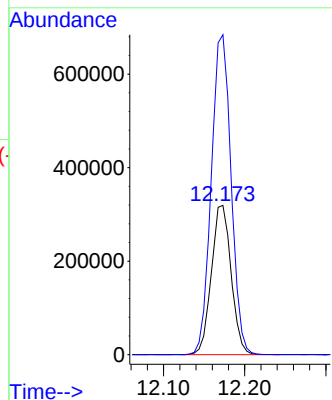
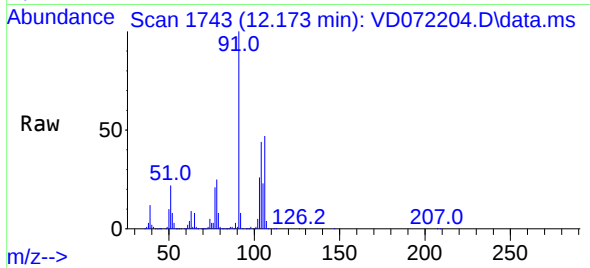




#69
o-Xylene
Concen: 51.174 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

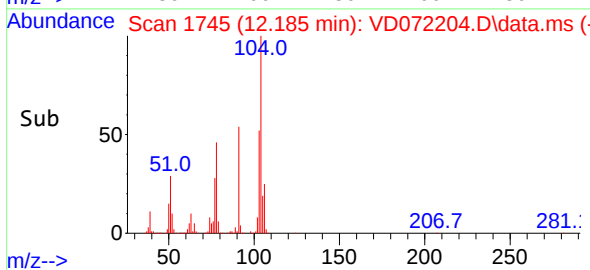
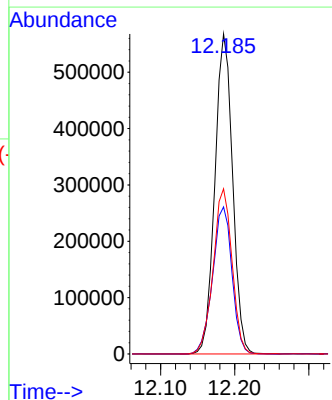
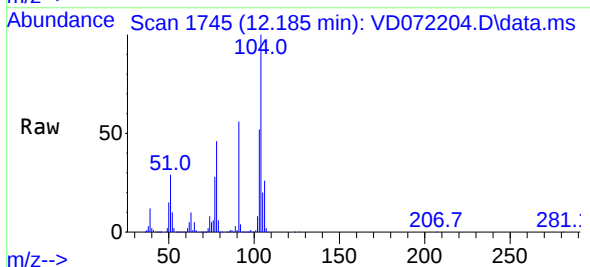
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

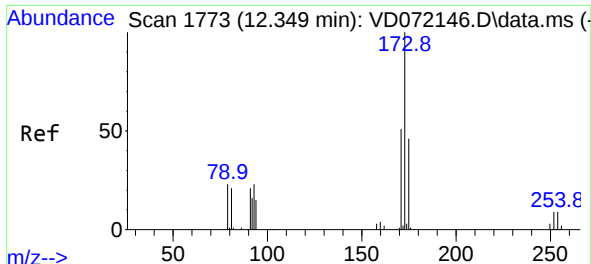
Tgt Ion:106 Resp: 539373
Ion Ratio Lower Upper
106 100
91 215.0 110.4 331.2



#70
Styrene
Concen: 51.140 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion:104 Resp: 941246
Ion Ratio Lower Upper
104 100
78 50.3 41.8 62.8
103 54.9 44.2 66.4

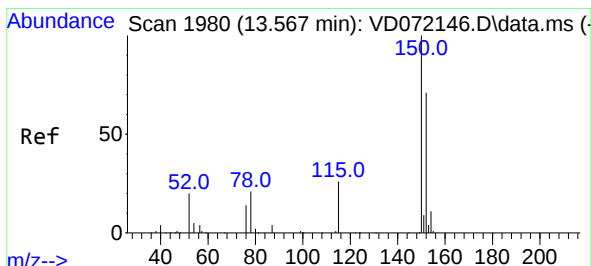
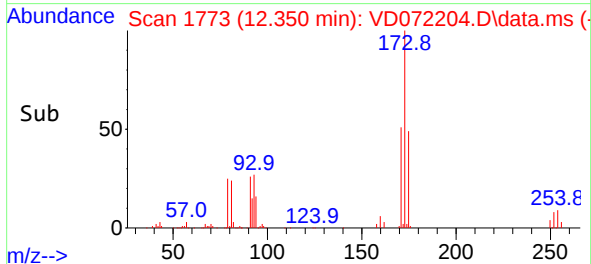
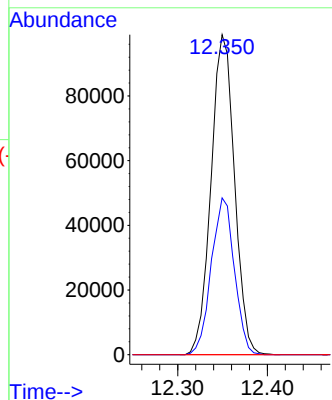
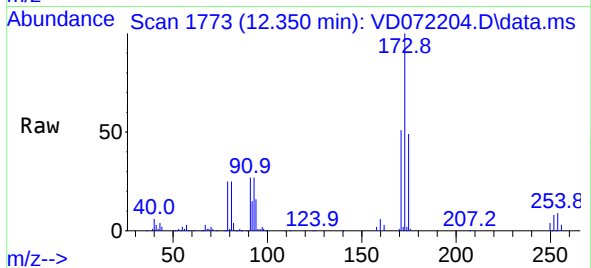




#71
Bromoform
Concen: 52.392 ug/l
RT: 12.350 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

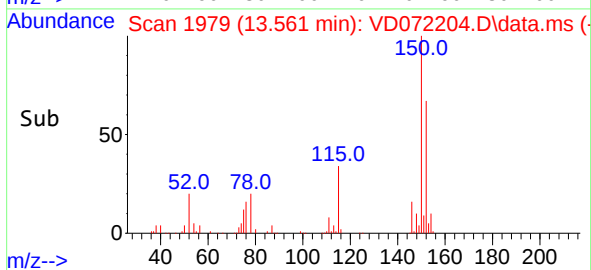
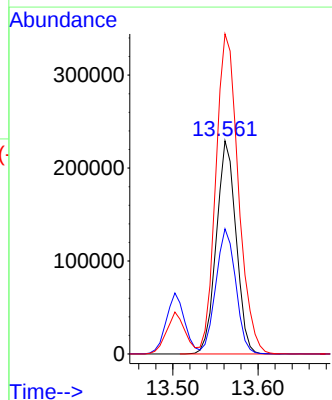
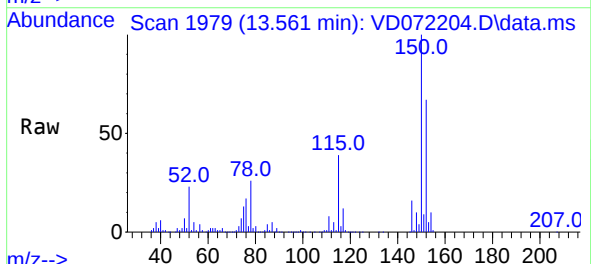
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

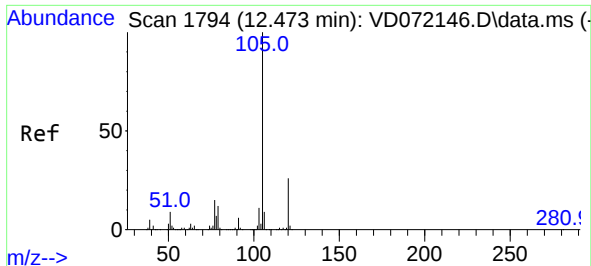
Tgt Ion:173 Resp: 179816
Ion Ratio Lower Upper
173 100
175 48.1 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion:152 Resp: 368316
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 172.3 0.0 348.6

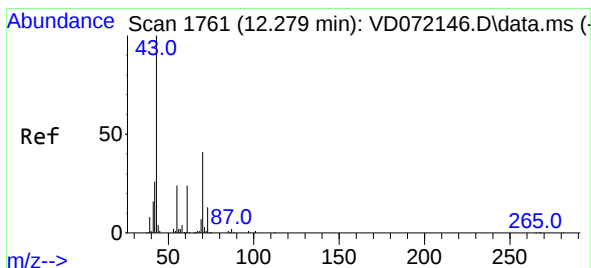
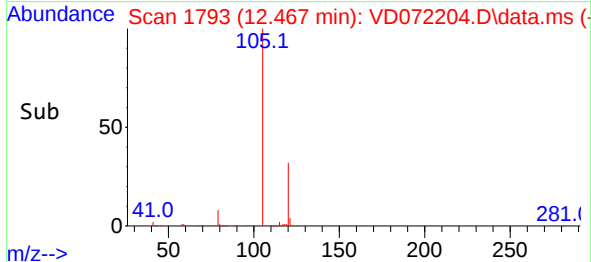
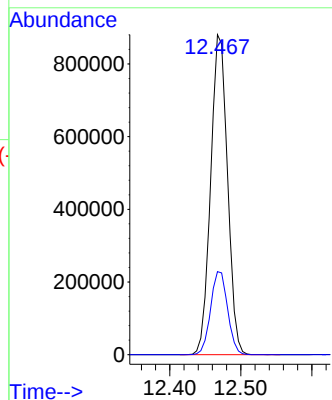
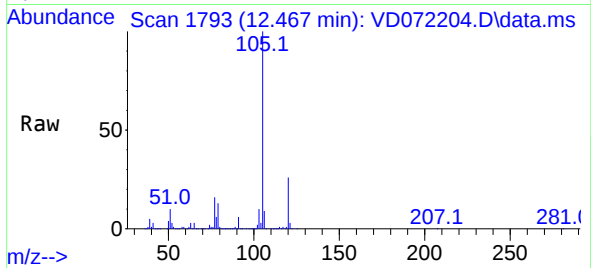




#73
Isopropylbenzene
Concen: 49.674 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

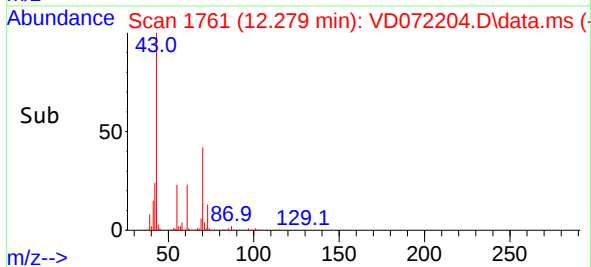
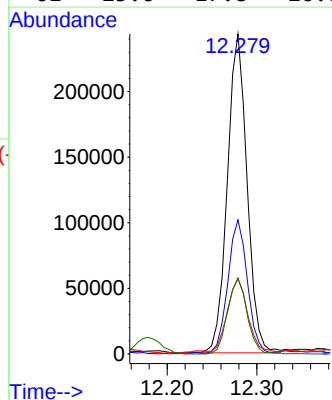
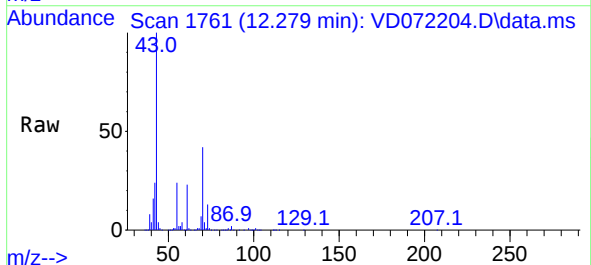
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

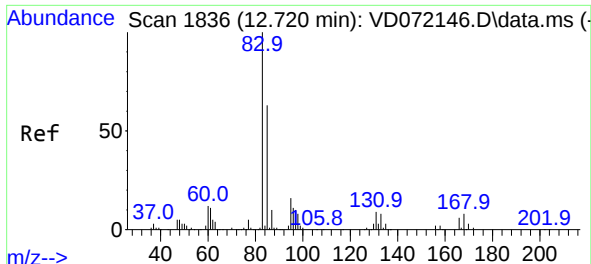
Tgt Ion:105 Resp: 1449854
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 59.247 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 43 Resp: 371620
Ion Ratio Lower Upper
43 100
70 41.2 31.3 46.9
55 25.4 20.0 30.0
61 23.6 17.8 26.8

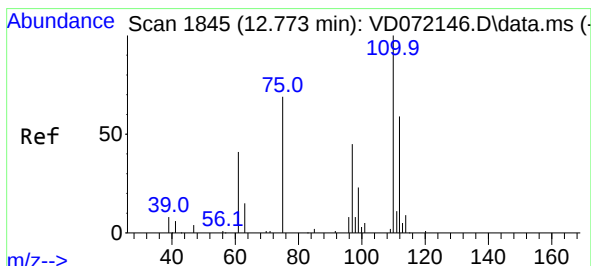
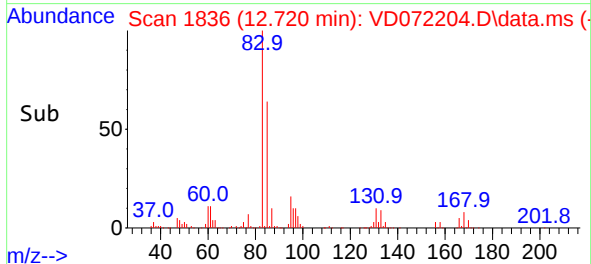
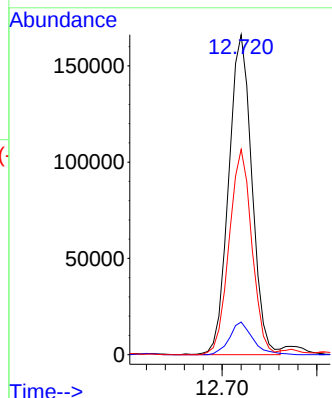
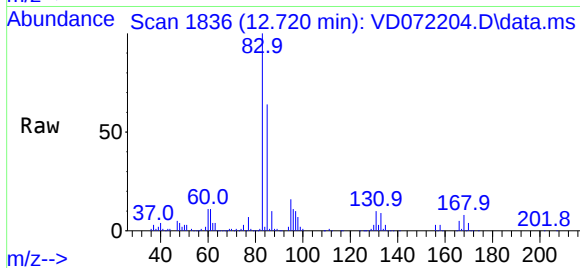




#75
1,1,2,2-Tetrachloroethane
Concen: 54.185 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

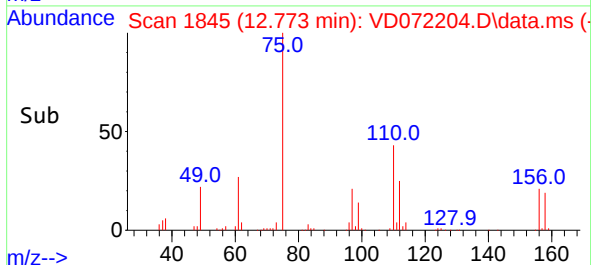
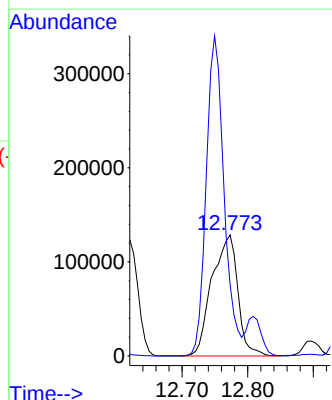
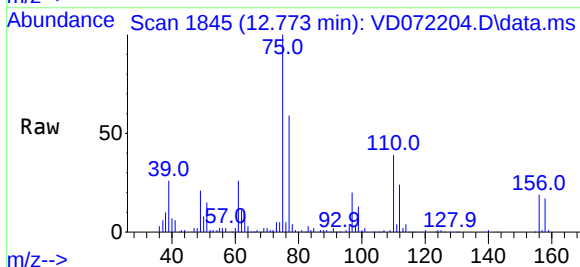
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

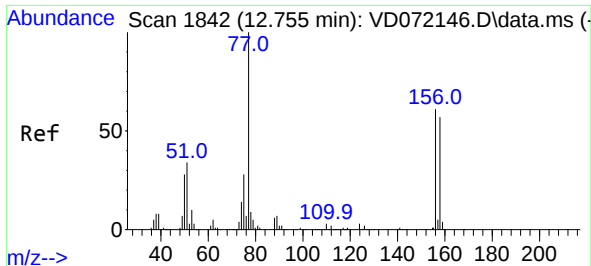
Tgt Ion: 83 Resp: 282849
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 63.0 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 86.588 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 75 Resp: 351793
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

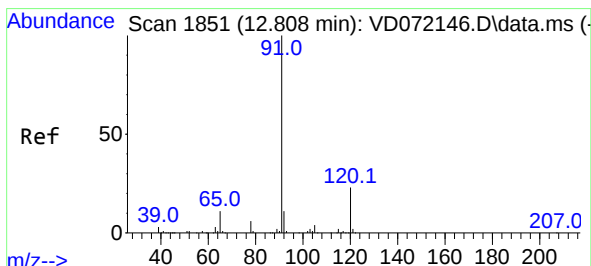
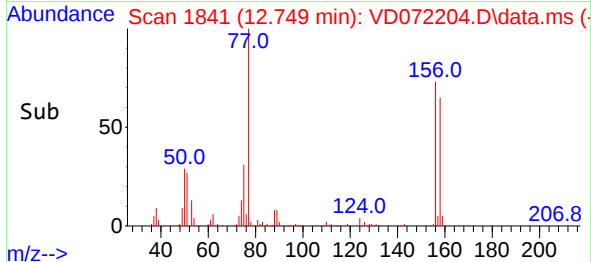
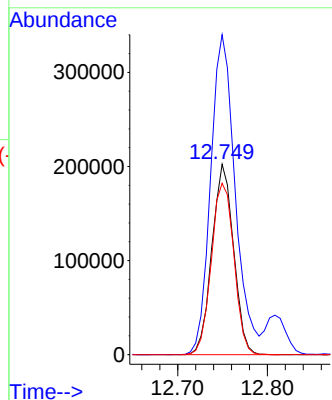
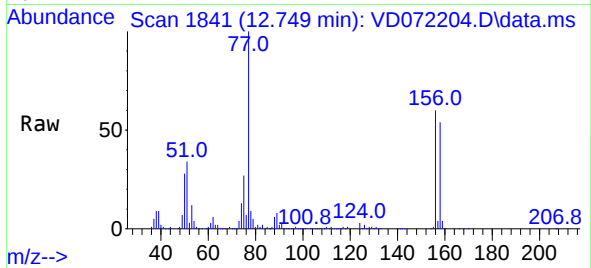




#77
Bromobenzene
Concen: 51.610 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

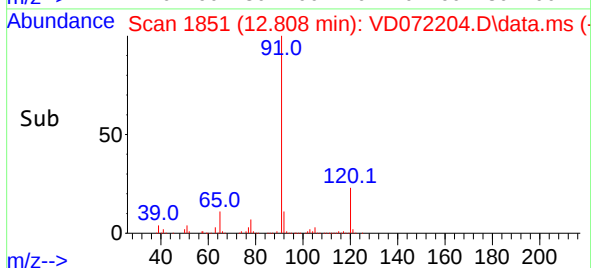
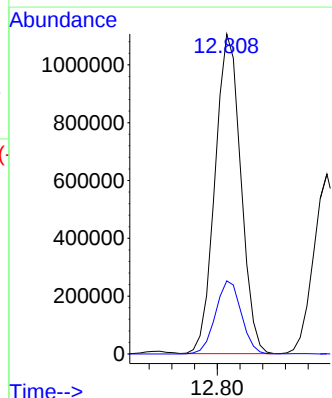
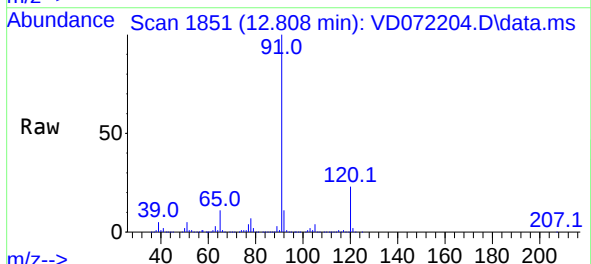
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

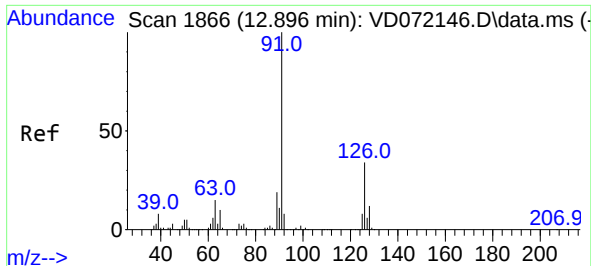
Tgt Ion:156 Resp: 339045
Ion Ratio Lower Upper
156 100
77 190.6 102.8 308.3
158 93.9 48.7 146.1



#78
n-propylbenzene
Concen: 49.152 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 91 Resp: 1742570
Ion Ratio Lower Upper
91 100
120 22.9 10.9 32.9





#79

2-Chlorotoluene

Concen: 50.065 ug/l

RT: 12.897 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD072204.D

Acq: 15 Mar 2022 22:55

Instrument :

MSVOA_D

ClientSampleId :

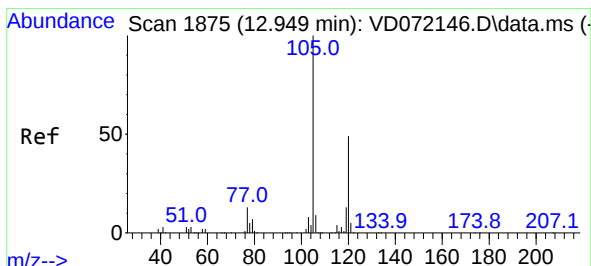
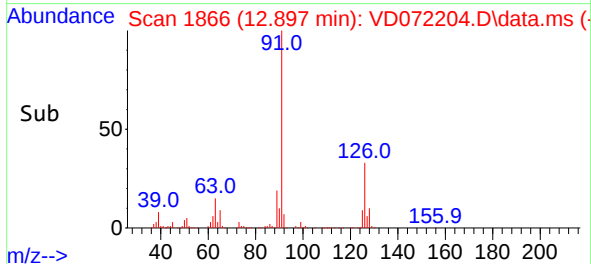
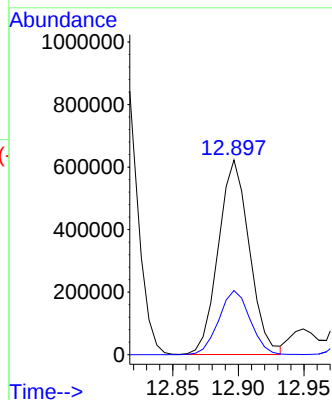
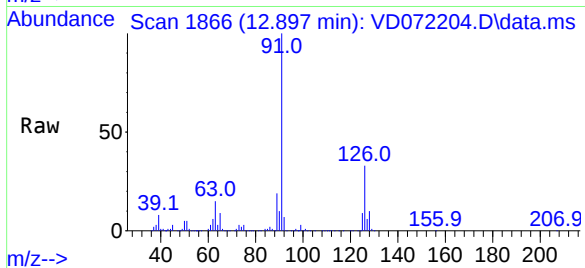
VSTDCCC050

Tgt Ion: 91 Resp: 1026345

Ion Ratio Lower Upper

91 100

126 33.2 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 48.709 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD072204.D

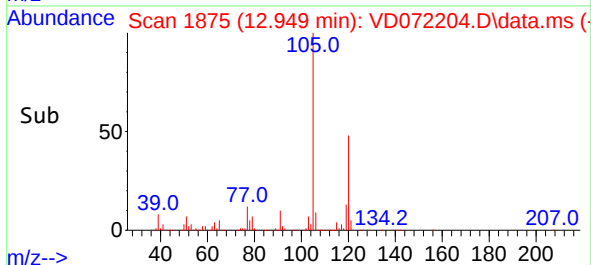
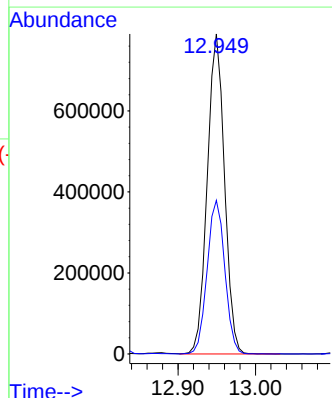
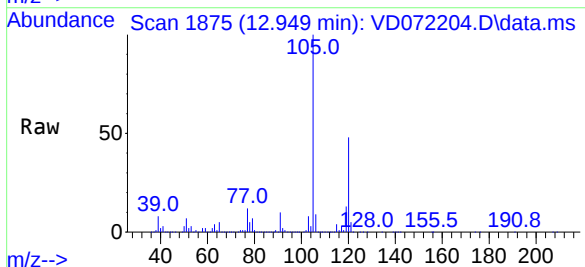
Acq: 15 Mar 2022 22:55

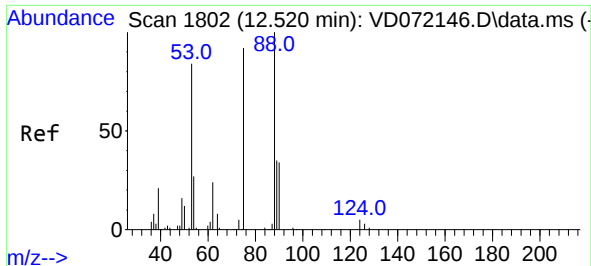
Tgt Ion:105 Resp: 1221369

Ion Ratio Lower Upper

105 100

120 49.2 24.3 72.8

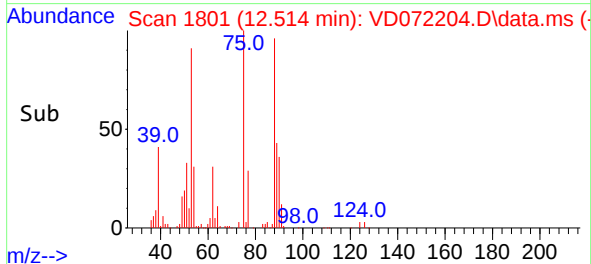
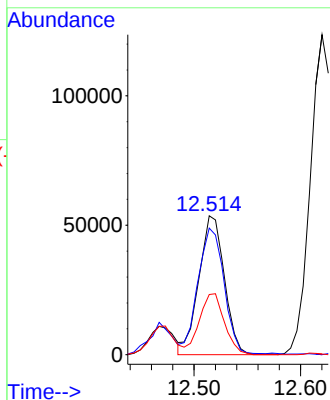
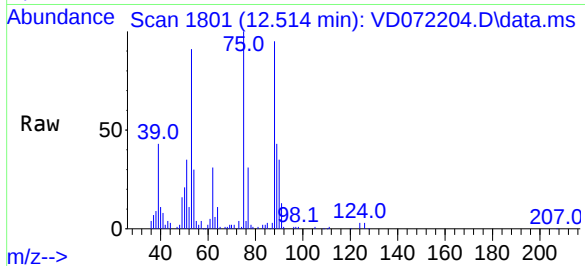




#81
trans-1,4-Dichloro-2-butene
Concen: 54.740 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

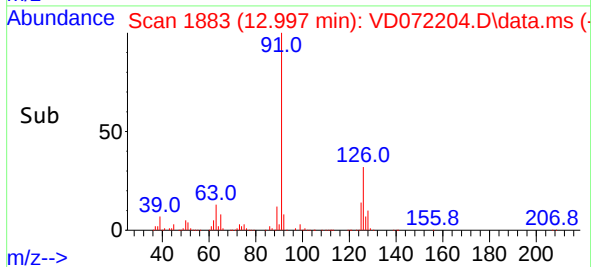
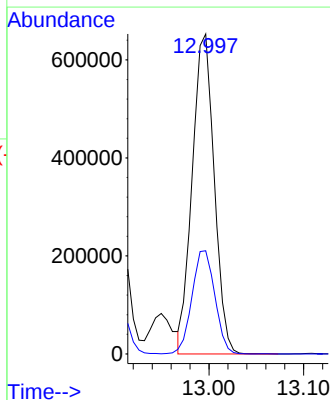
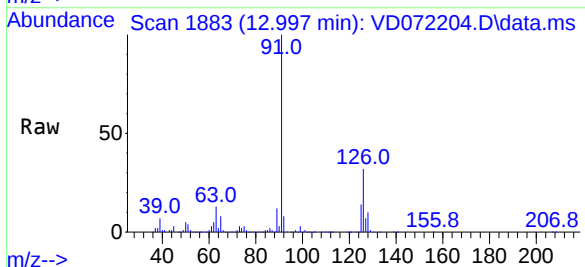
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

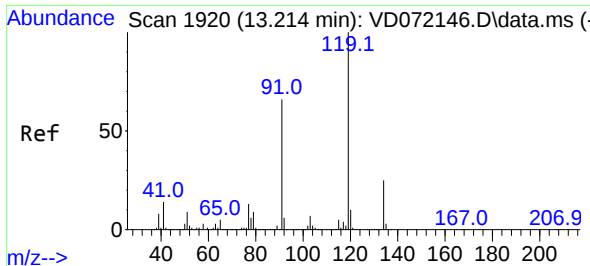
Tgt Ion: 75 Resp: 89637
Ion Ratio Lower Upper
75 100
53 92.3 86.5 129.7
89 43.0 33.9 50.9



#82
4-Chlorotoluene
Concen: 49.583 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 91 Resp: 1052463
Ion Ratio Lower Upper
91 100
126 33.7 16.5 49.5

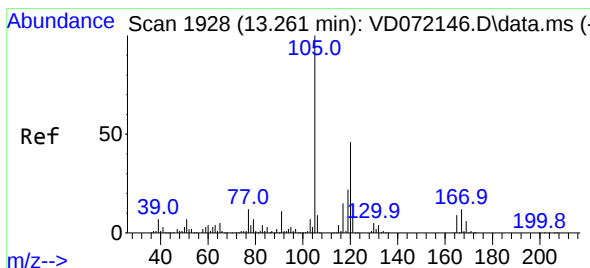
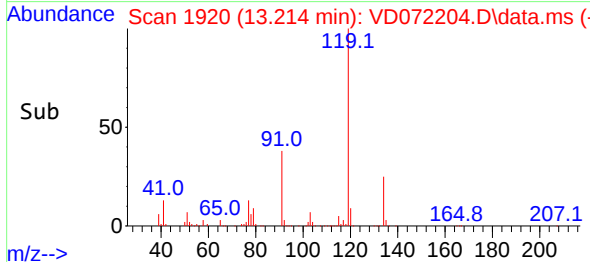
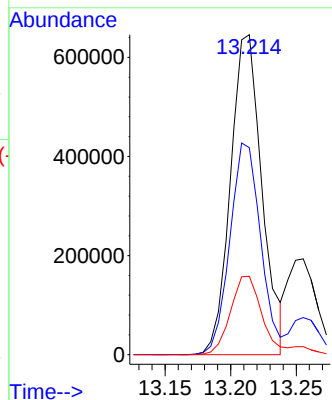
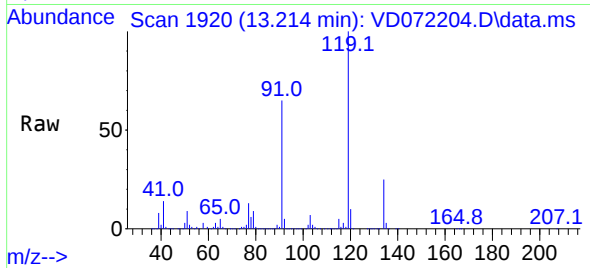




#83
tert-Butylbenzene
Concen: 49.152 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

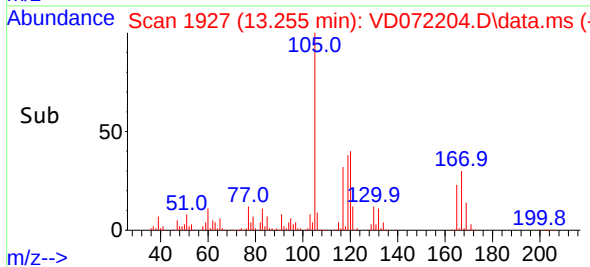
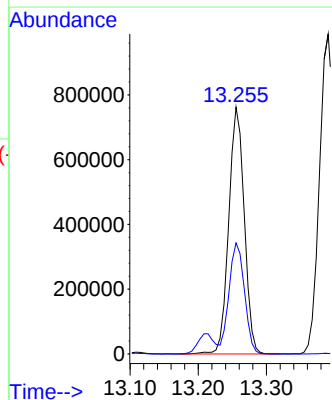
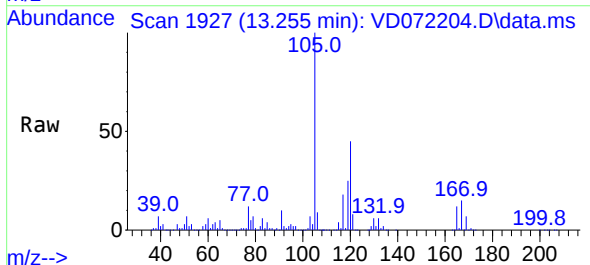
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

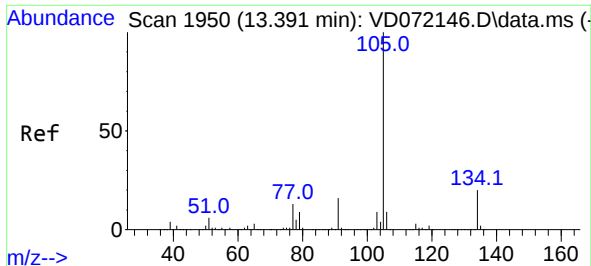
Tgt Ion:119 Resp: 1080534
Ion Ratio Lower Upper
119 100
91 64.6 34.8 104.5
134 26.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 48.852 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion:105 Resp: 1206973
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.8

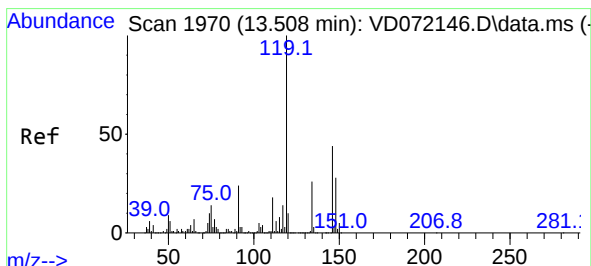
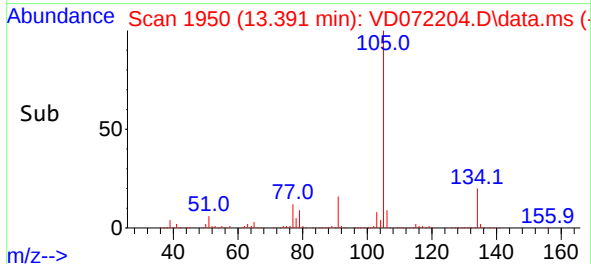
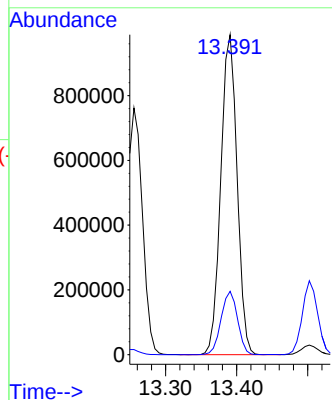
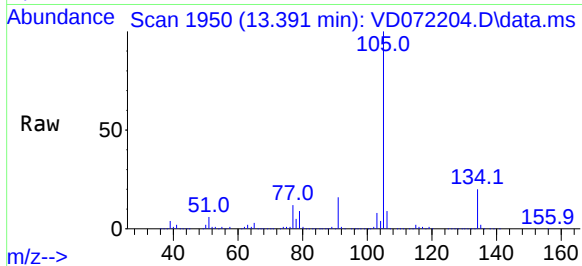




#85
 sec-Butylbenzene
 Concen: 47.448 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072204.D
 Acq: 15 Mar 2022 22:55

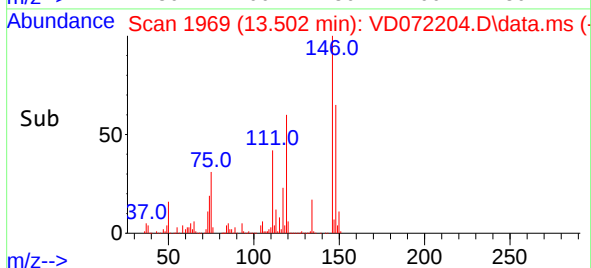
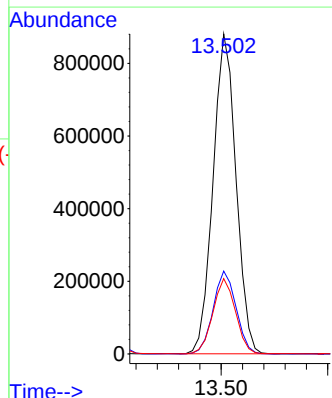
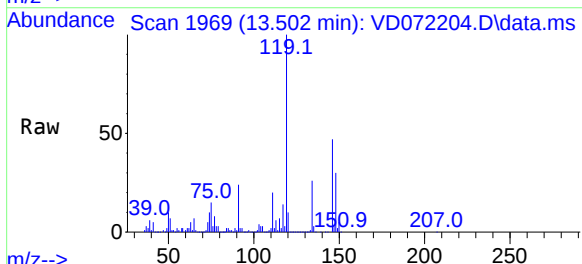
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

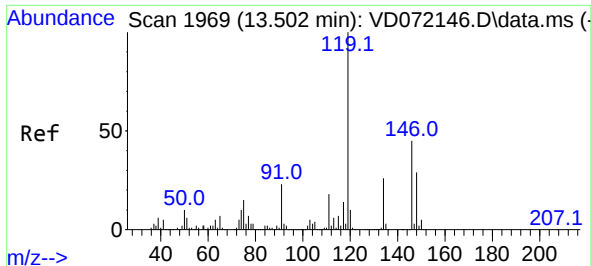
Tgt Ion:105 Resp: 1566420
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 48.514 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072204.D
 Acq: 15 Mar 2022 22:55

Tgt Ion:119 Resp: 1317907
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 23.2 12.1 36.3

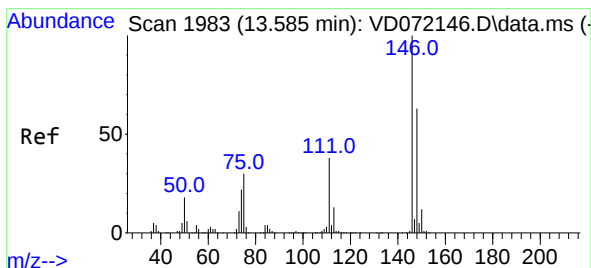
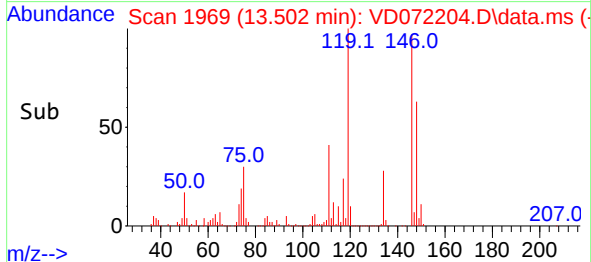
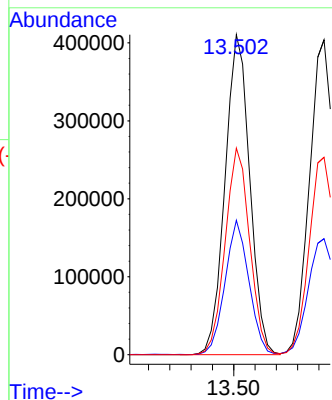
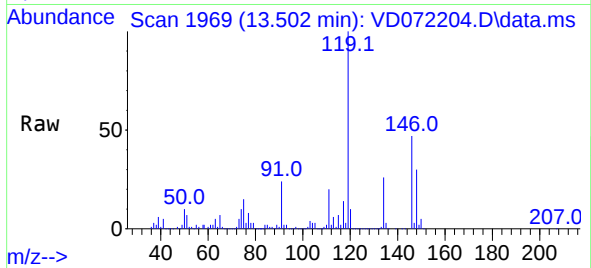




#87
1,3-Dichlorobenzene
Concen: 48.027 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

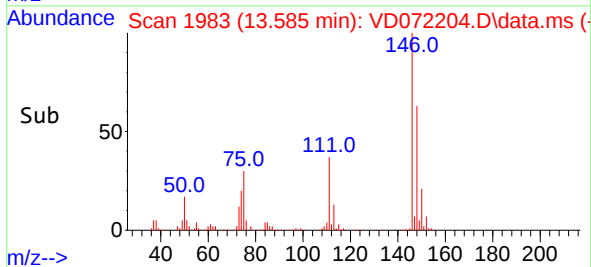
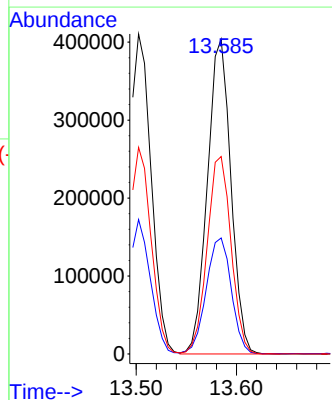
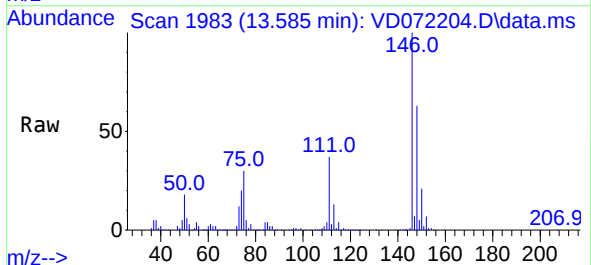
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

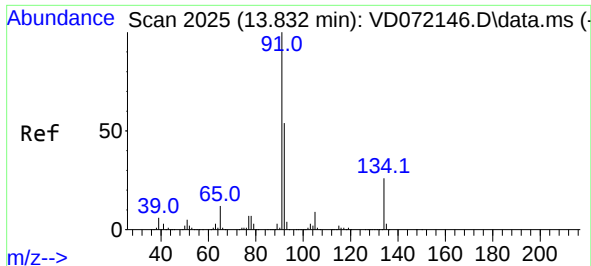
Tgt Ion:146 Resp: 661227
Ion Ratio Lower Upper
146 100
111 40.6 20.4 61.3
148 64.1 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 48.289 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion:146 Resp: 659268
Ion Ratio Lower Upper
146 100
111 39.3 20.3 60.9
148 63.9 31.7 95.1

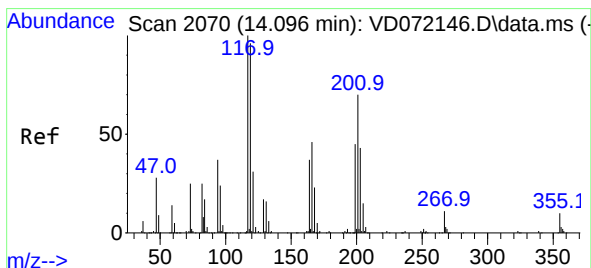
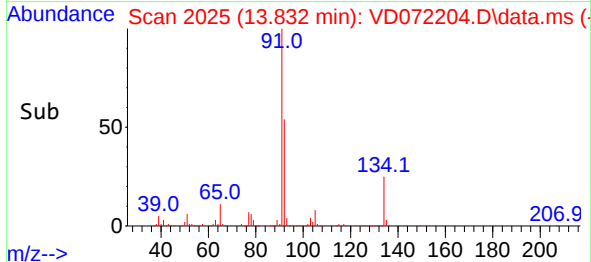
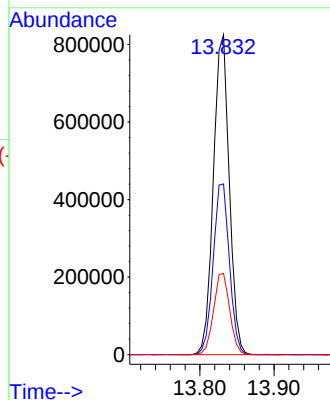
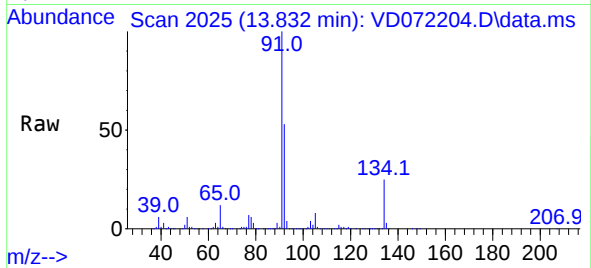




#89
n-Butylbenzene
Concen: 47.318 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

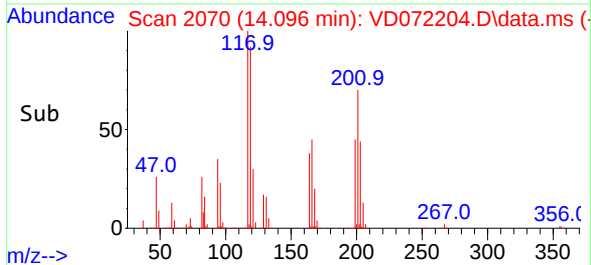
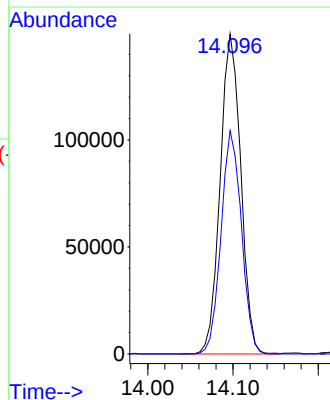
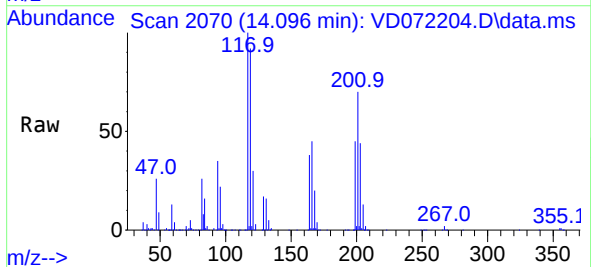
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

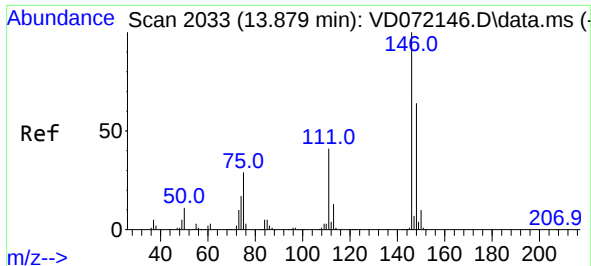
Tgt Ion: 91 Resp: 1225214
Ion Ratio Lower Upper
91 100
92 54.7 26.6 79.8
134 25.9 12.3 36.9



#90
Hexachloroethane
Concen: 47.311 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 117 Resp: 251898
Ion Ratio Lower Upper
117 100
201 68.8 33.4 100.2

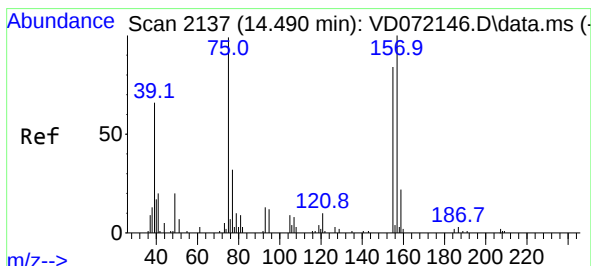
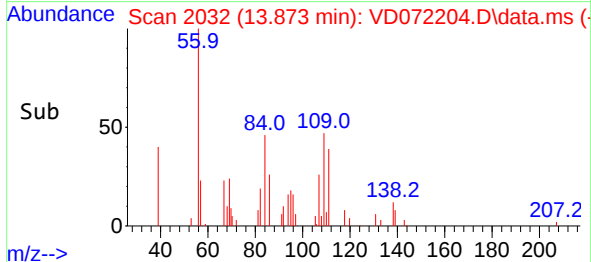
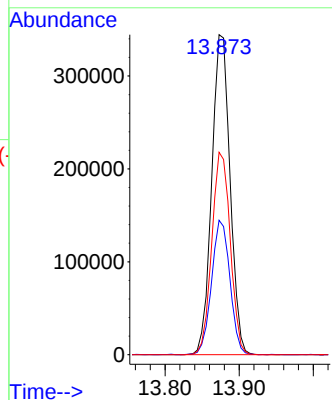
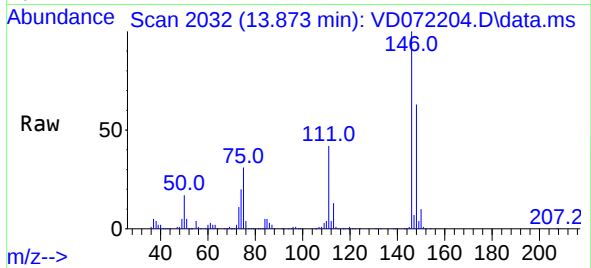




#91
1,2-Dichlorobenzene
Concen: 49.222 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

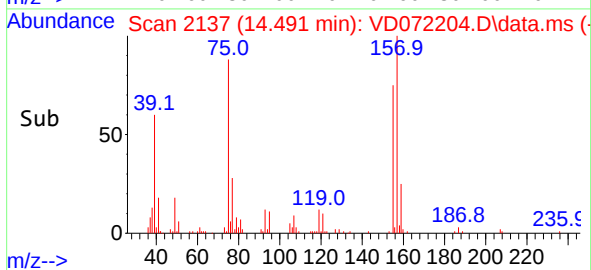
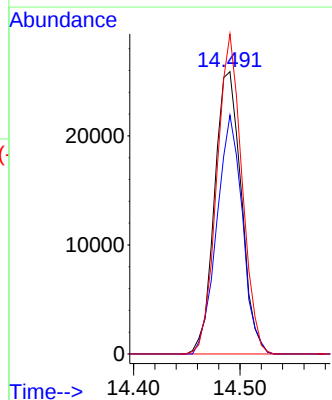
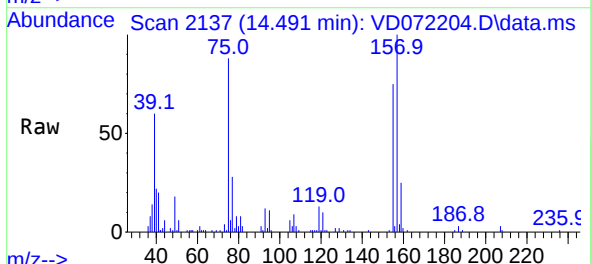
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

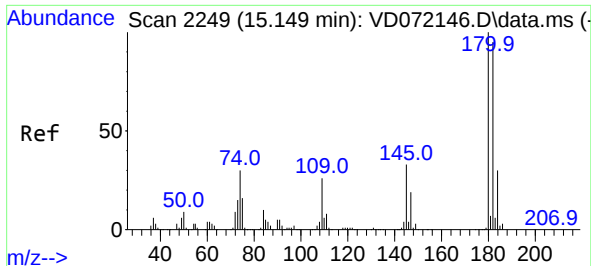
Tgt Ion:146 Resp: 590845
Ion Ratio Lower Upper
146 100
111 42.1 21.1 63.3
148 63.8 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.162 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion: 75 Resp: 45121
Ion Ratio Lower Upper
75 100
155 81.0 36.8 110.3
157 106.3 48.4 145.0

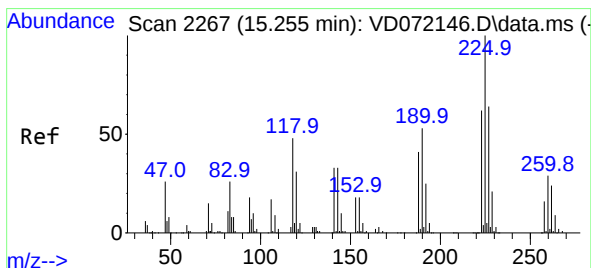
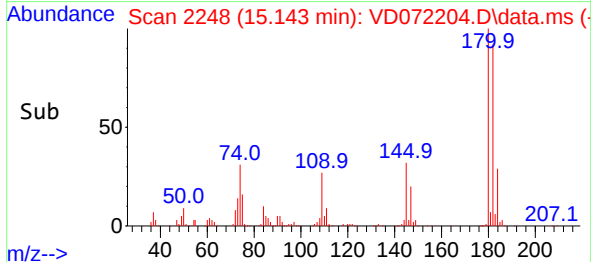
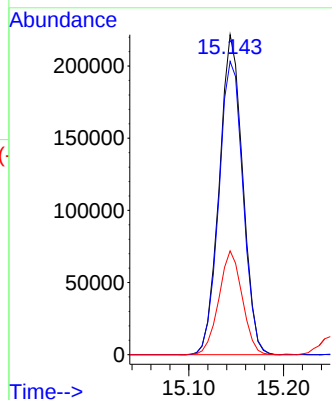
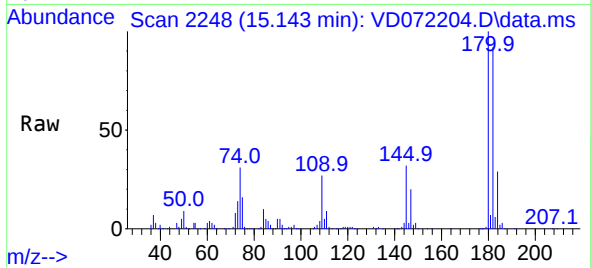




#93
1,2,4-Trichlorobenzene
Concen: 47.935 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

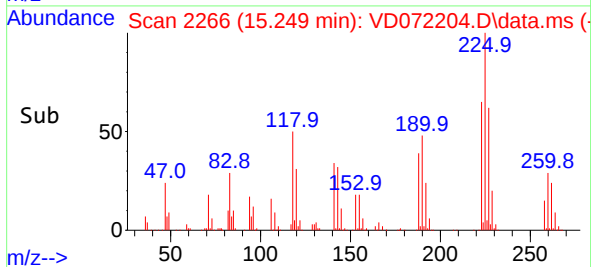
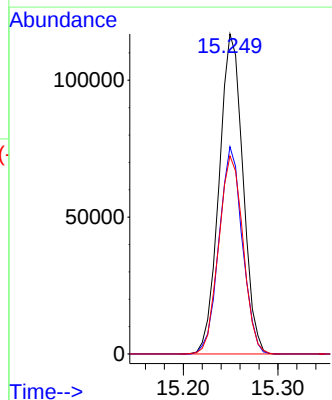
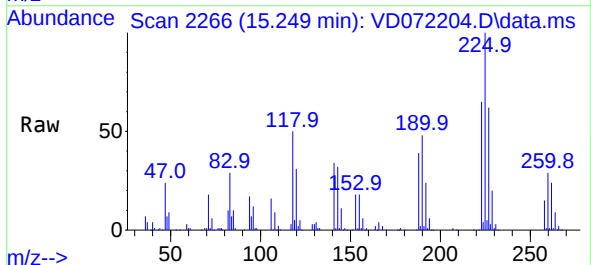
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 380949
Ion Ratio Lower Upper
180 100
182 94.7 47.3 142.0
145 32.4 16.2 48.5



#94
Hexachlorobutadiene
Concen: 44.222 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion:225 Resp: 204432
Ion Ratio Lower Upper
225 100
223 63.3 31.1 93.2
227 63.1 32.4 97.0

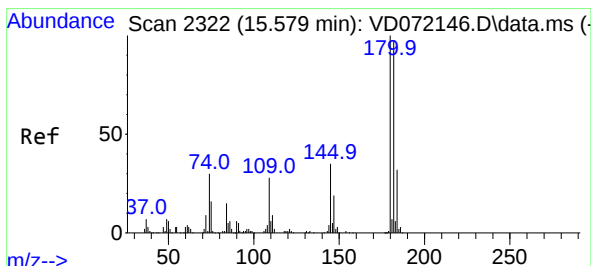
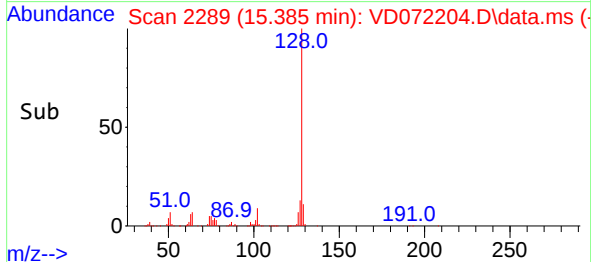
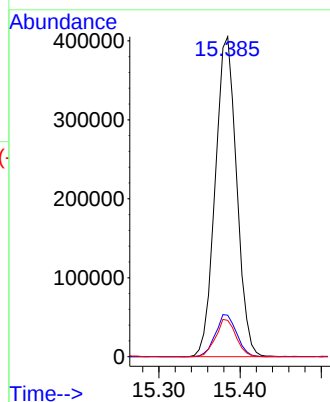
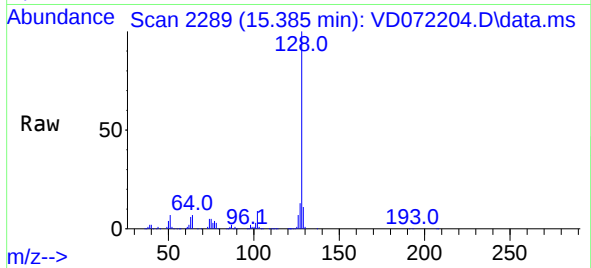




#95
Naphthalene
Concen: 54.111 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 741280
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.2 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 48.802 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072204.D
Acq: 15 Mar 2022 22:55

Tgt Ion:180 Resp: 335713
Ion Ratio Lower Upper
180 100
182 94.7 47.6 142.9
145 33.3 17.1 51.3

