

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031122\
 Data File : VD072147.D
 Acq On : 11 Mar 2022 13:04
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 14 01:27:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 01:23:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	427855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	671895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	628139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	312363	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	453306	86.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 173.240%#	
35) Dibromofluoromethane	7.909	113	448584	101.837	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 203.680%#	
50) Toluene-d8	10.338	98	1693444	103.084	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 206.160%#	
62) 4-Bromofluorobenzene	12.620	95	624174	106.874	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 213.740%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	388070	77.933	ug/l	99
3) Chloromethane	2.209	50	373843	64.908	ug/l	95
4) Vinyl Chloride	2.350	62	358307	59.963	ug/l	99
5) Bromomethane	2.756	94	222711	56.630	ug/l	98
6) Chloroethane	2.915	64	234444	61.893	ug/l	99
7) Trichlorofluoromethane	3.268	101	769139	85.423	ug/l	95
8) Diethyl Ether	3.709	74	217397	92.443	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	480972	93.233	ug/l	95
10) Methyl Iodide	4.297	142	458538	90.602	ug/l	98
11) Tert butyl alcohol	5.220	59	131361	343.831	ug/l	96
12) 1,1-Dichloroethene	4.068	96	413453	89.574	ug/l	90
13) Acrolein	3.921	56	115941	262.253	ug/l	99
14) Allyl chloride	4.715	41	725857	83.680	ug/l	94
15) Acrylonitrile	5.420	53	536918	454.243	ug/l	98
16) Acetone	4.150	43	527202	381.549	ug/l	95
17) Carbon Disulfide	4.409	76	978115	63.577	ug/l	100
18) Methyl Acetate	4.715	43	227065	74.363	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	1098634	99.293	ug/l	99
20) Methylene Chloride	4.962	84	496108	81.562	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	462979	86.403	ug/l	96
22) Diisopropyl ether	6.362	45	1582635	92.433	ug/l	94
23) Vinyl Acetate	6.303	43	4344614	466.480	ug/l #	94
24) 1,1-Dichloroethane	6.262	63	927741	91.979	ug/l	98
25) 2-Butanone	7.209	43	704410	430.536	ug/l	97
26) 2,2-Dichloropropane	7.209	77	830151	97.746	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	569112	97.305	ug/l	94
28) Bromochloromethane	7.544	49	376728	98.280	ug/l #	83
29) Tetrahydrofuran	7.561	42	420209	431.627	ug/l	92
30) Chloroform	7.709	83	963238	92.771	ug/l	99
31) Cyclohexane	7.985	56	786447	78.384	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	876367	95.021	ug/l	96
36) 1,1-Dichloropropene	8.109	75	704453	93.945	ug/l	97
37) Ethyl Acetate	7.285	43	291621	86.047	ug/l #	95
38) Carbon Tetrachloride	8.091	117	762720	101.099	ug/l	99
39) Methylcyclohexane	9.350	83	844030	97.254	ug/l	99
40) Benzene	8.350	78	1957623	96.467	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	181250	95.139	ug/l	88
42) 1,2-Dichloroethane	8.420	62	579681	91.942	ug/l	97
43) Isopropyl Acetate	8.450	43	583045	95.235	ug/l #	94
44) Trichloroethene	9.108	130	546615	102.390	ug/l	95
45) 1,2-Dichloropropane	9.379	63	522063	99.682	ug/l	98
46) Dibromomethane	9.473	93	262276	96.859	ug/l	93
47) Bromodichloromethane	9.656	83	730898	100.384	ug/l	98
48) Methyl methacrylate	9.450	41	299213	92.461	ug/l	93
49) 1,4-Dioxane	9.456	88	59115	1920.172	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	1531218	478.854	ug/l	94
52) Toluene	10.397	92	1295974	101.527	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	701620	105.481	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	810819	103.390	ug/l	91
55) 1,1,2-Trichloroethane	10.797	97	380754	103.944	ug/l	97
56) Ethyl methacrylate	10.655	69	494914	110.595	ug/l	88
57) 1,3-Dichloropropane	10.938	76	661305	102.188	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	1080260	520.244	ug/l	96
59) 2-Hexanone	10.979	43	1081606	472.214	ug/l	94
60) Dibromochloromethane	11.132	129	499050	109.607	ug/l	99
61) 1,2-Dibromoethane	11.238	107	358428	102.402	ug/l	98
64) Tetrachloroethene	10.873	164	444729	99.070	ug/l	96
65) Chlorobenzene	11.667	112	1387211	103.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	532364	107.557	ug/l	100
67) Ethyl Benzene	11.738	91	2579170	104.715	ug/l	100
68) m/p-Xylenes	11.850	106	1959638	209.172	ug/l	99
69) o-Xylene	12.173	106	939016	109.393	ug/l	97
70) Styrene	12.185	104	1614838	109.569	ug/l	98
71) Bromoform	12.349	173	292216	111.476	ug/l #	99
73) Isopropylbenzene	12.473	105	2592901	106.177	ug/l	99
74) N-amyl acetate	12.279	43	569824	98.971	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	427204	96.418	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	556985	168.533	ug/l #	100
77) Bromobenzene	12.749	156	563779	104.168	ug/l	91
78) n-propylbenzene	12.808	91	3087860	101.655	ug/l	98
79) 2-Chlorotoluene	12.897	91	1754083	101.975	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	2131710	105.375	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	143207	107.529	ug/l	89
82) 4-Chlorotoluene	12.997	91	1812208	101.136	ug/l	99
83) tert-Butylbenzene	13.214	119	1884785	111.047	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	2093642	105.389	ug/l	99
85) sec-Butylbenzene	13.391	105	2812229	106.340	ug/l	98
86) p-Isopropyltoluene	13.502	119	2346742	109.217	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	1138686	103.279	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	1121770	101.880	ug/l	99
89) n-Butylbenzene	13.832	91	2248399	106.694	ug/l	98
90) Hexachloroethane	14.102	117	449588	105.510	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	990221	104.986	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	69024	94.565	ug/l	86
93) 1,2,4-Trichlorobenzene	15.143	180	673068	119.013	ug/l	100
94) Hexachlorobutadiene	15.249	225	368017	116.629	ug/l	98
95) Naphthalene	15.385	128	1222601	122.233	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	581476	120.439	ug/l	98

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ClientSampleId :
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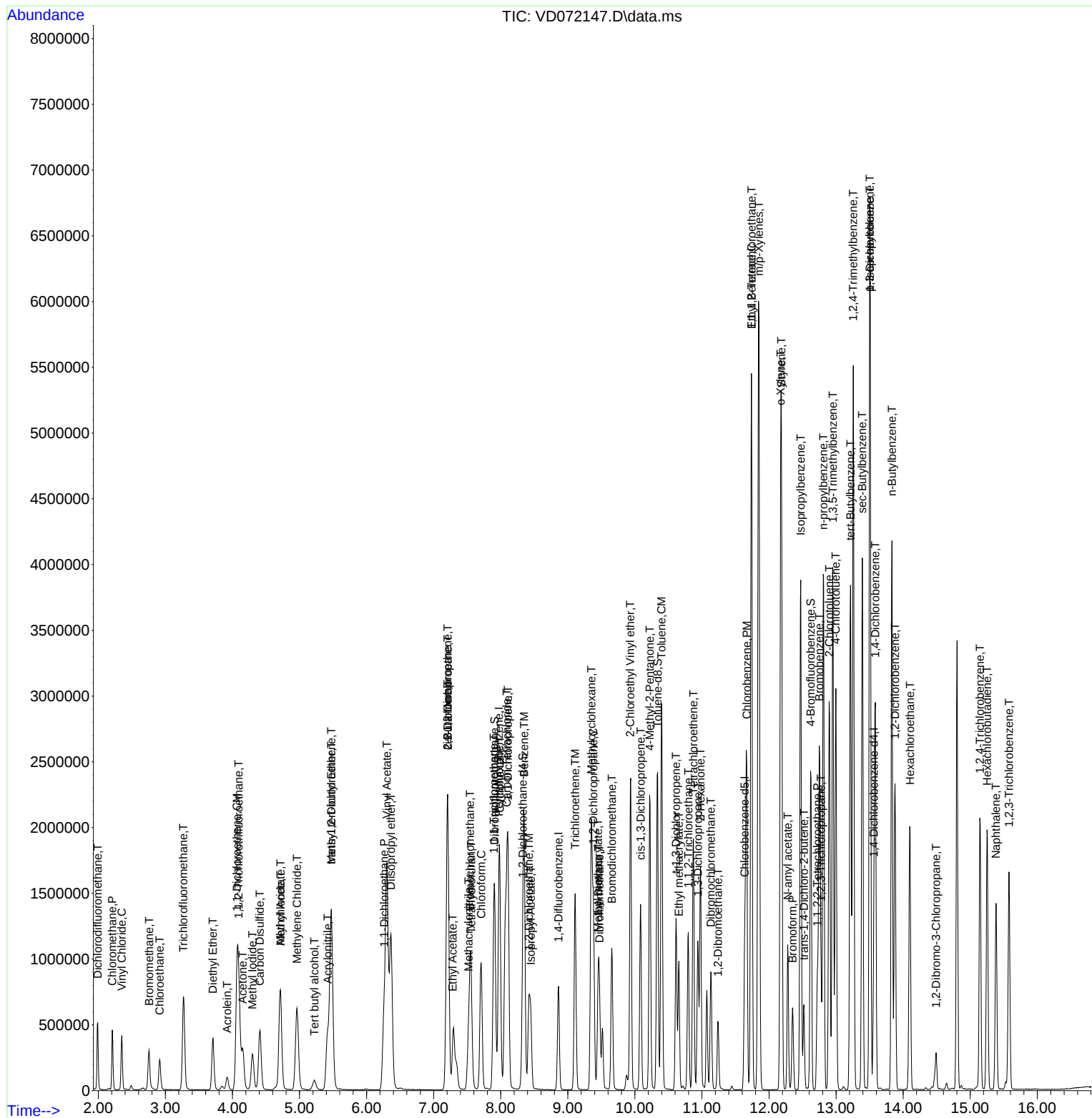
Quant Time: Mar 14 01:27:00 2022
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QLast Update : Mon Mar 14 01:23:26 2022
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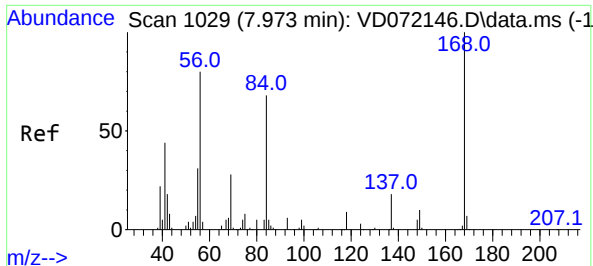
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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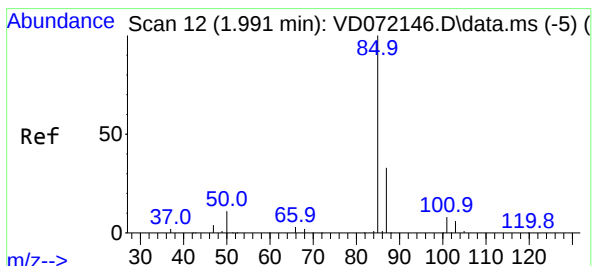
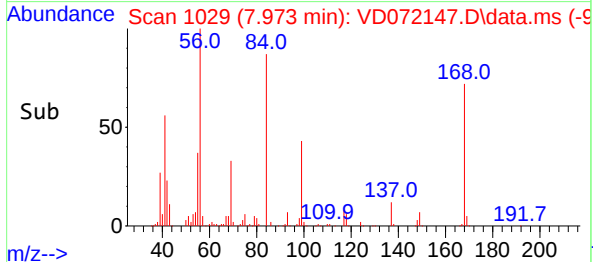
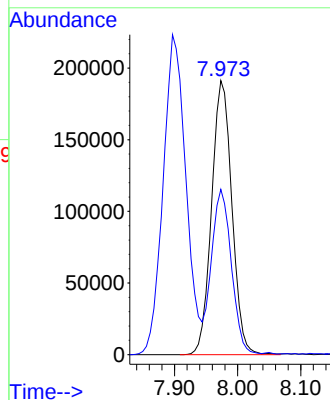
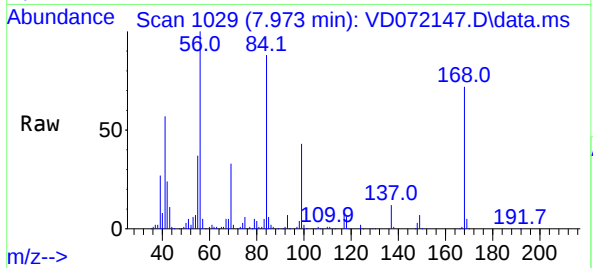




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
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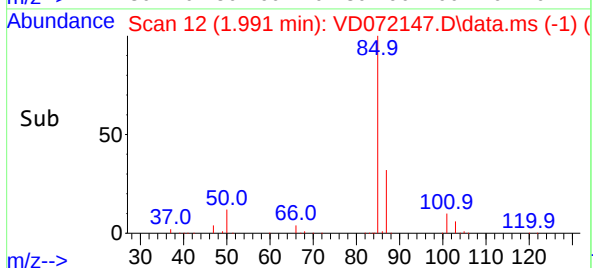
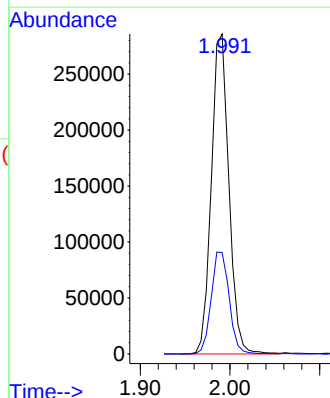
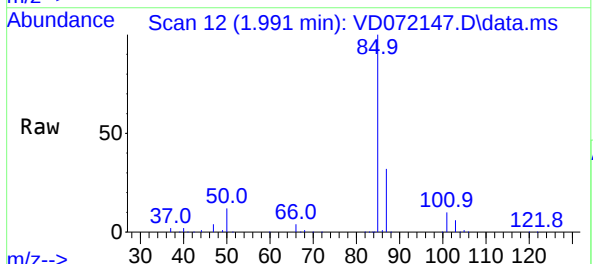
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

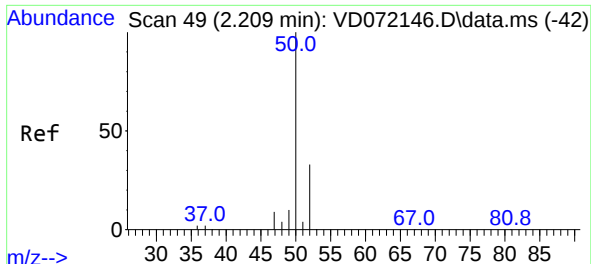
Tgt Ion:168 Resp: 427855
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 77.933 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 85 Resp: 388070
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0

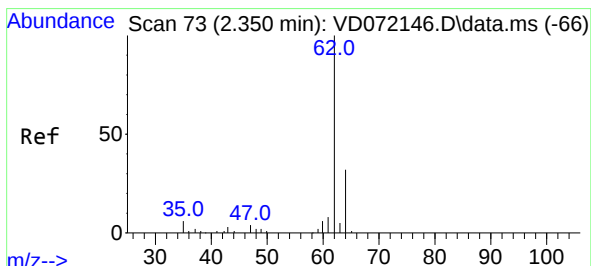
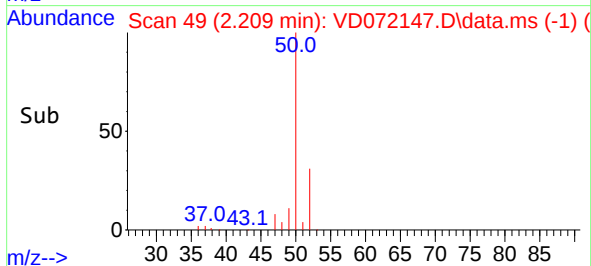
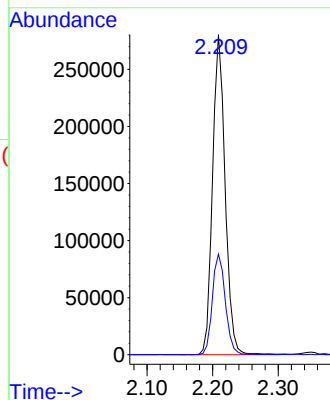
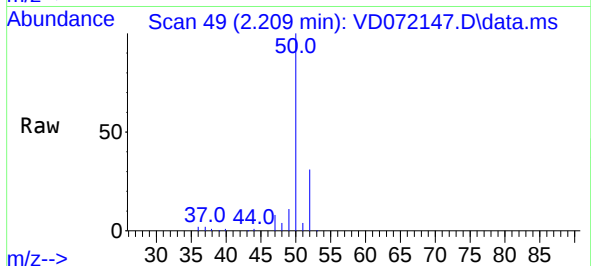




#3
Chloromethane
Concen: 64.908 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

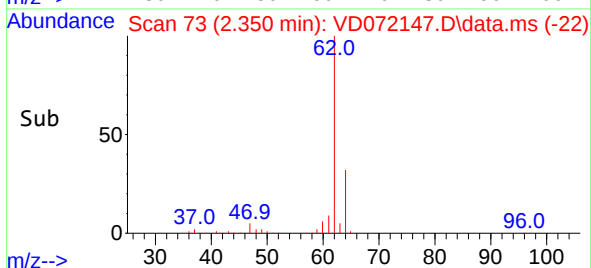
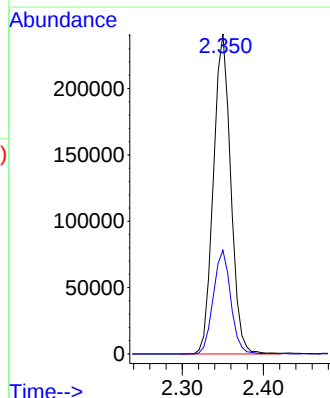
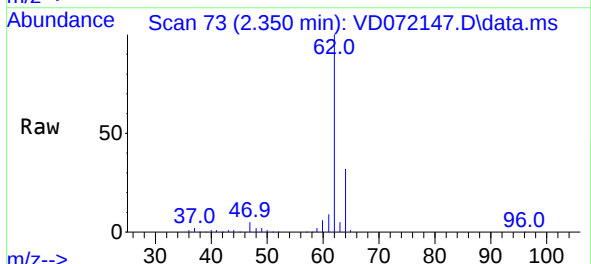
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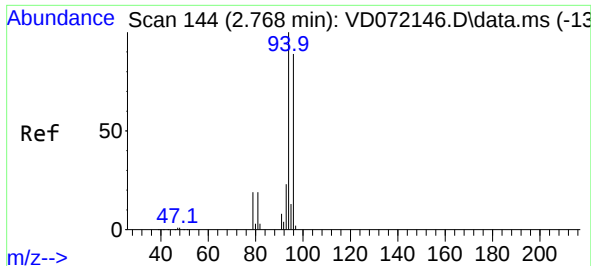
Tgt Ion: 50 Resp: 373843
Ion Ratio Lower Upper
50 100
52 31.4 27.4 41.0



#4
Vinyl Chloride
Concen: 59.963 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 62 Resp: 358307
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0

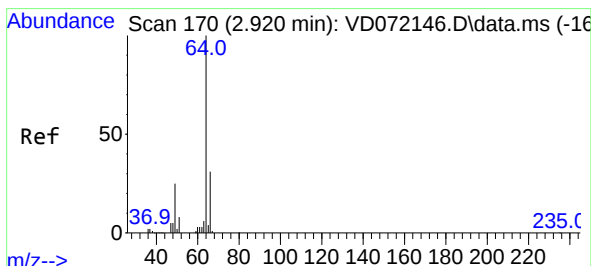
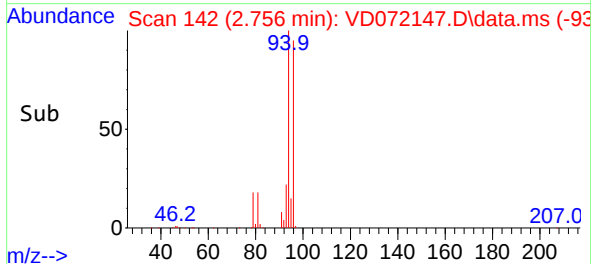
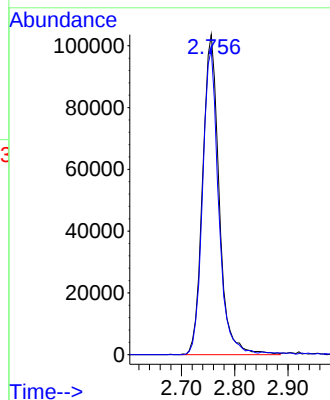
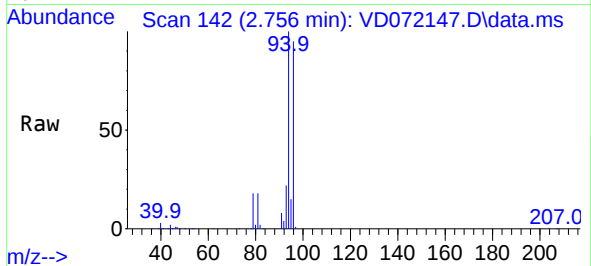




#5
Bromomethane
Concen: 56.630 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD072147.D
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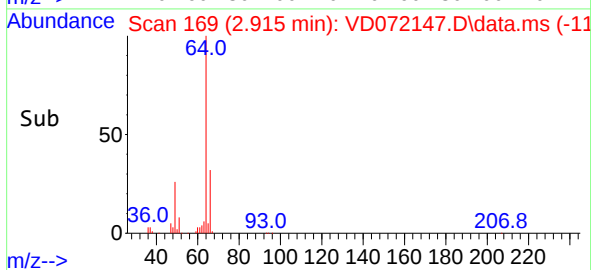
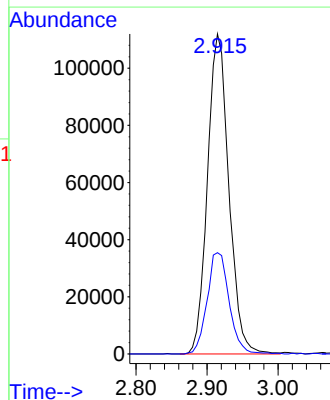
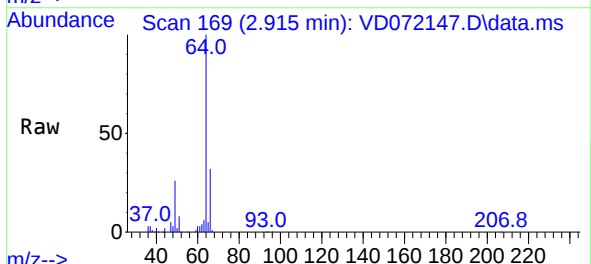
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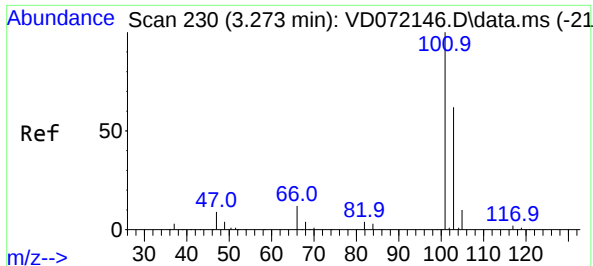
Tgt Ion: 94 Resp: 222711
Ion Ratio Lower Upper
94 100
96 95.5 77.6 116.4



#6
Chloroethane
Concen: 61.893 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 64 Resp: 234444
Ion Ratio Lower Upper
64 100
66 31.7 25.9 38.9

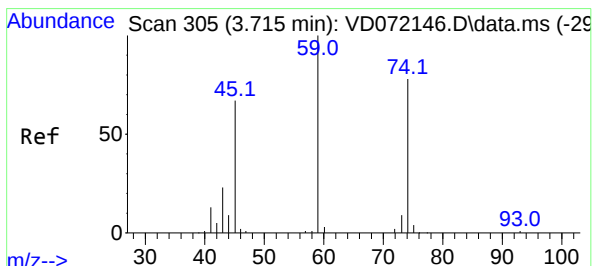
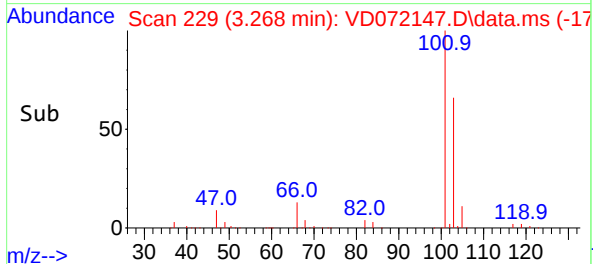
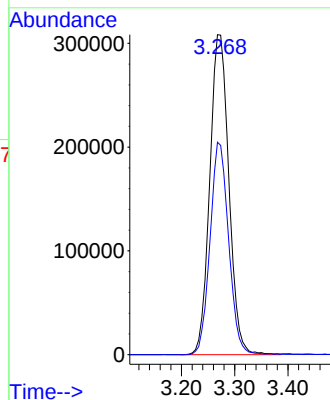
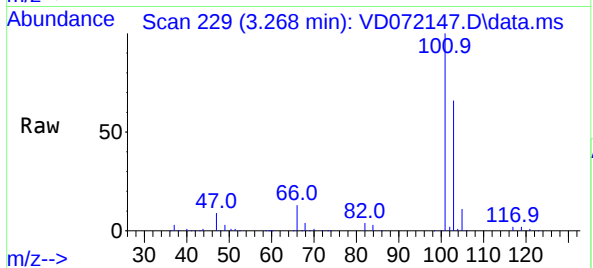




#7
Trichlorofluoromethane
Concen: 85.423 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

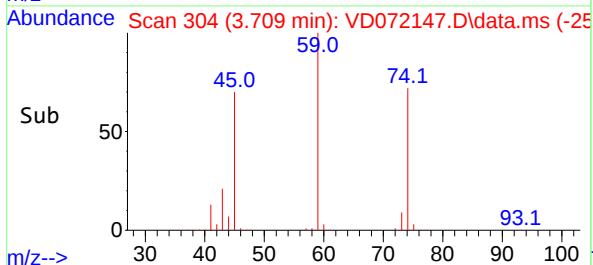
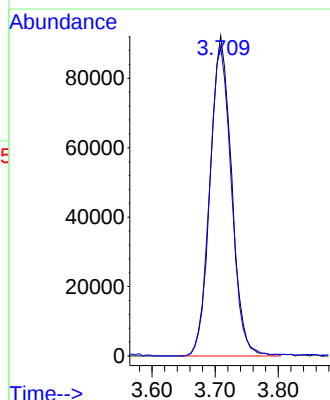
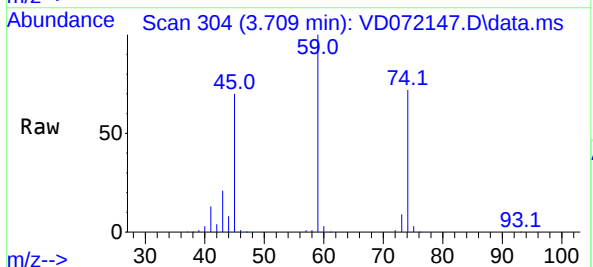
Instrument :
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Tgt Ion:101 Resp: 769139
Ion Ratio Lower Upper
101 100
103 66.4 50.1 75.1



#8
Diethyl Ether
Concen: 92.443 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 74 Resp: 217397
Ion Ratio Lower Upper
74 100
45 97.9 52.6 157.8

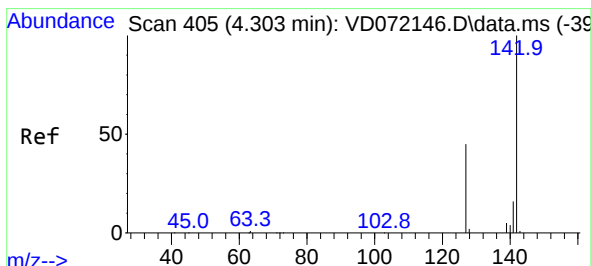
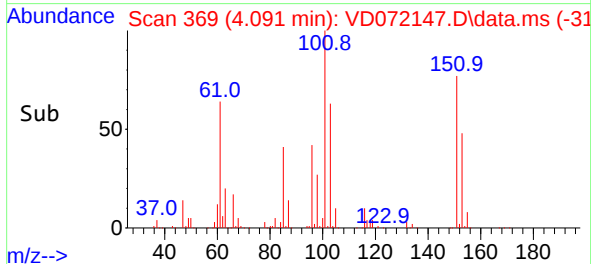
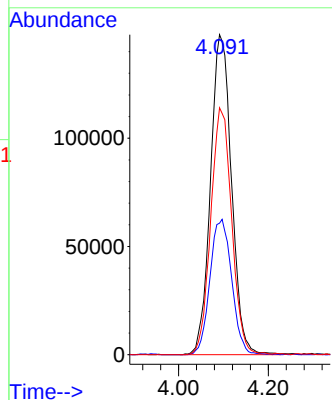
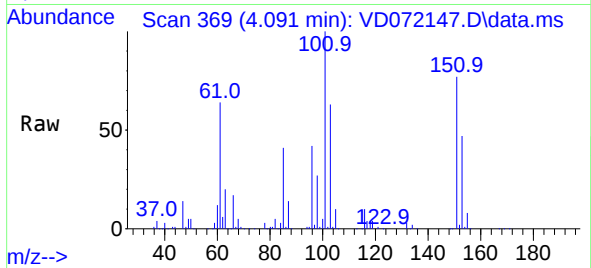




#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.233 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

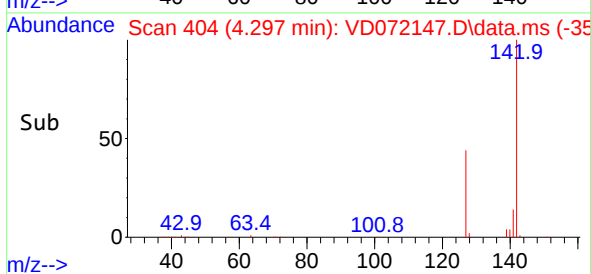
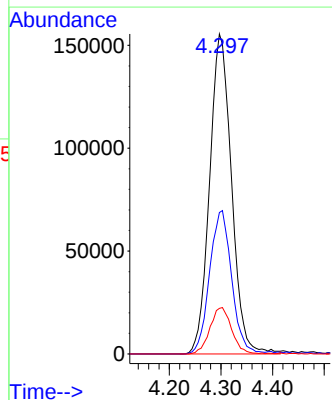
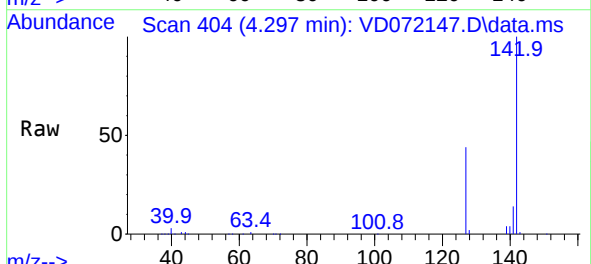
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 480972
Ion Ratio Lower Upper
101 100
85 43.8 36.4 54.6
151 76.9 57.3 85.9



#10
Methyl Iodide
Concen: 90.602 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion:142 Resp: 458538
Ion Ratio Lower Upper
142 100
127 45.1 37.3 55.9
141 14.3 11.7 17.5

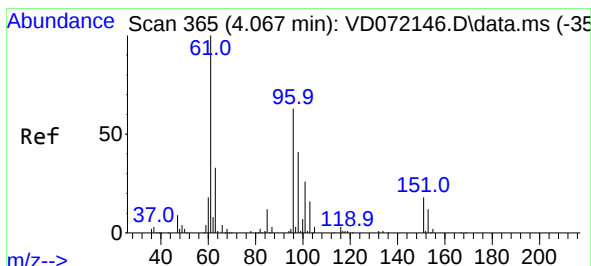
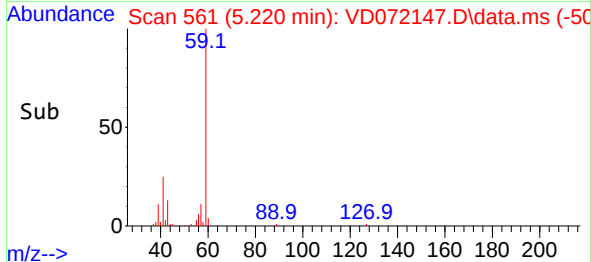
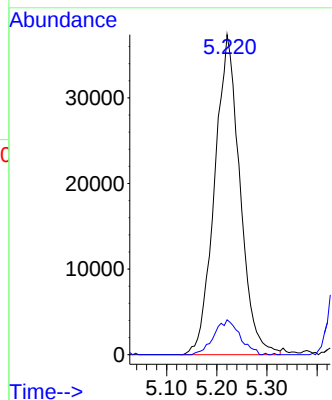
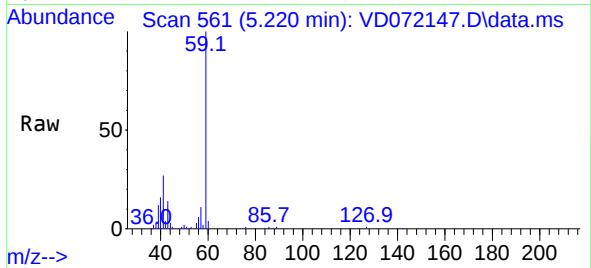




#11
Tert butyl alcohol
Concen: 343.831 ug/l
RT: 5.220 min Scan# 511
Delta R.T. 0.012 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

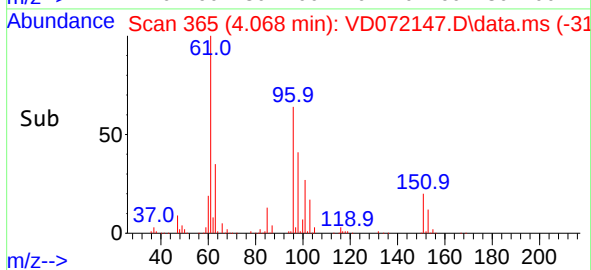
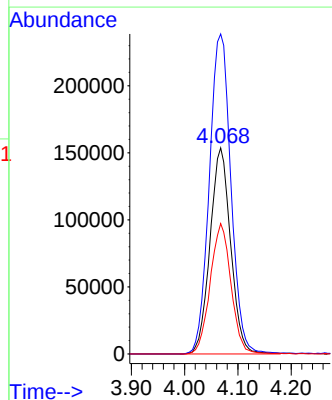
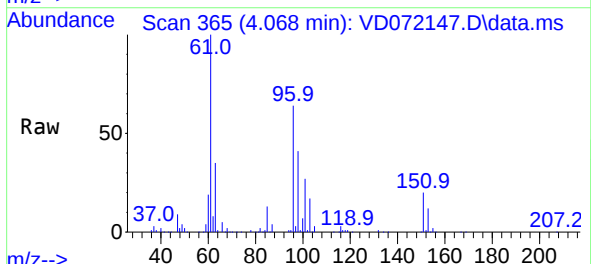
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

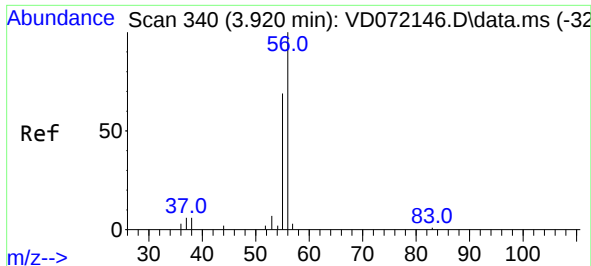
Tgt Ion: 59 Resp: 131361
Ion Ratio Lower Upper
59 100
57 11.1 7.8 11.6



#12
1,1-Dichloroethene
Concen: 89.574 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 96 Resp: 413453
Ion Ratio Lower Upper
96 100
61 155.3 138.5 207.7
98 63.3 48.6 73.0

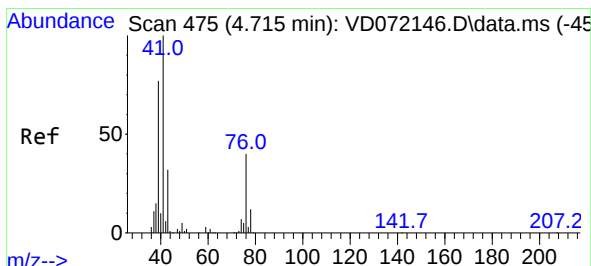
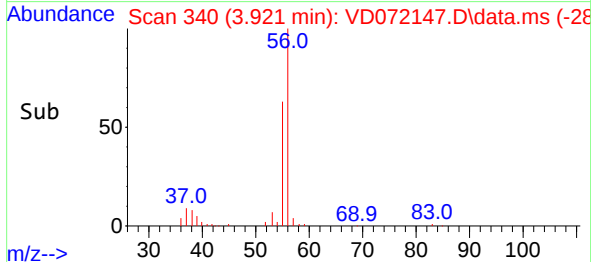
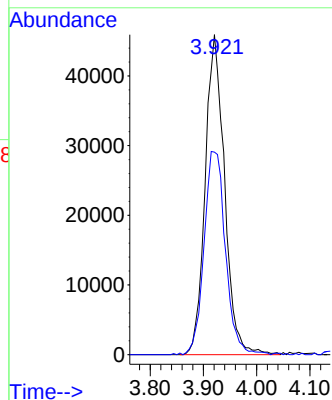
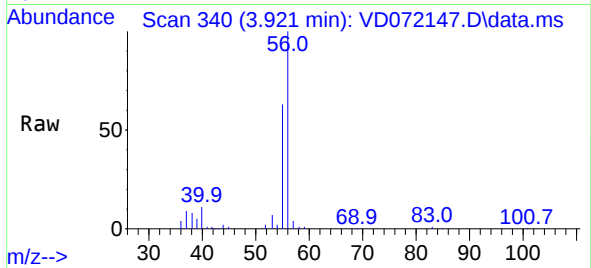




#13
Acrolein
Concen: 262.253 ug/l
RT: 3.921 min Scan# 34
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

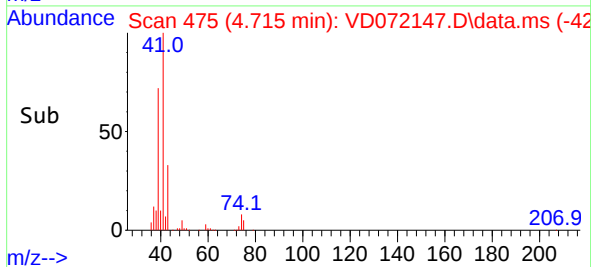
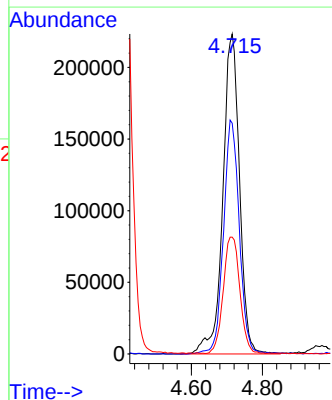
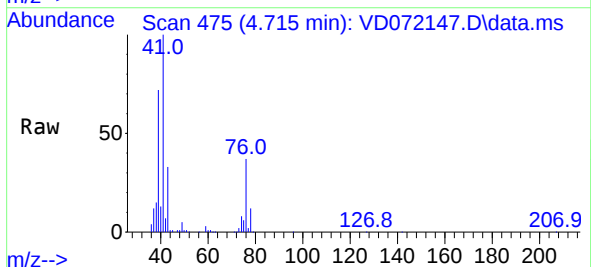
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

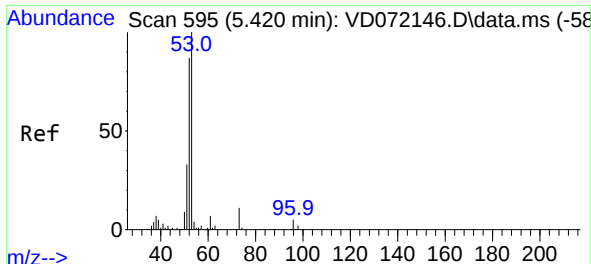
Tgt Ion: 56 Resp: 115941
Ion Ratio Lower Upper
56 100
55 70.2 57.1 85.7



#14
Allyl chloride
Concen: 83.680 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 41 Resp: 725857
Ion Ratio Lower Upper
41 100
39 69.1 59.3 88.9
76 36.1 25.7 38.5

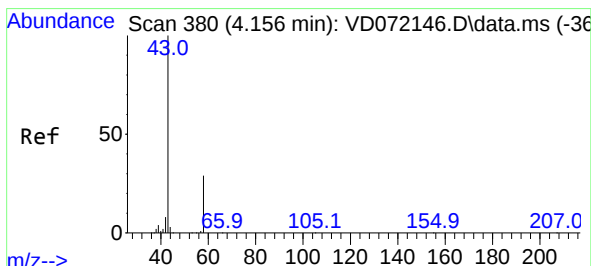
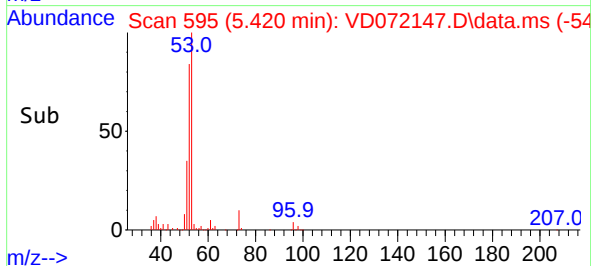
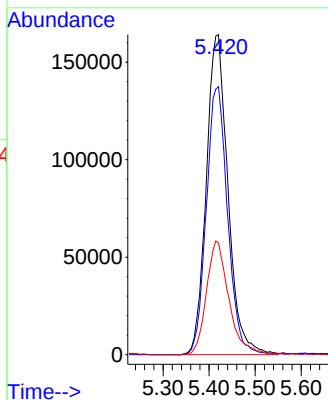
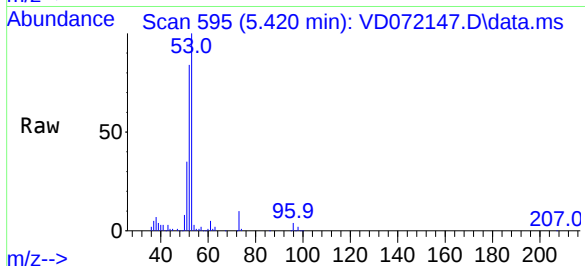




#15
Acrylonitrile
Concen: 454.243 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

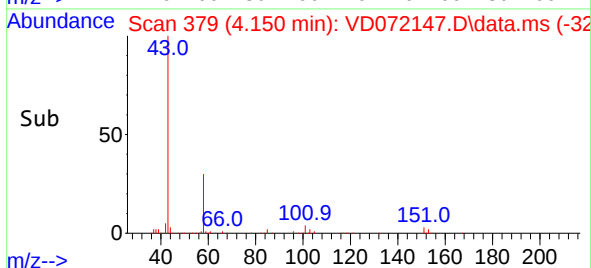
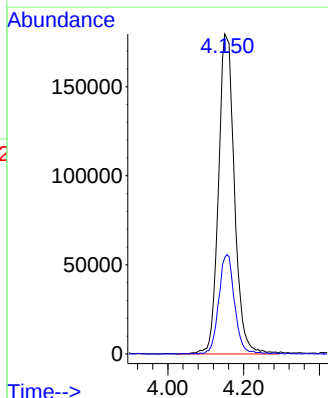
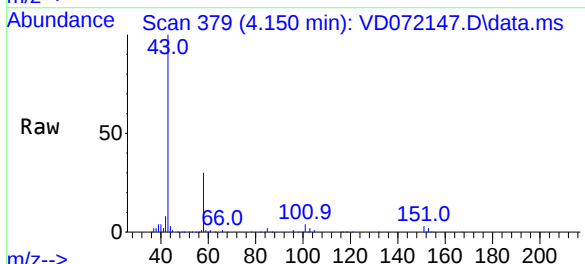
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

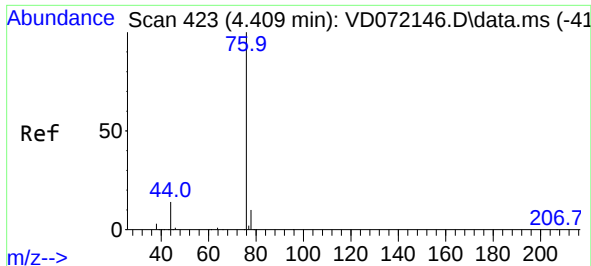
Tgt Ion: 53 Resp: 536918
Ion Ratio Lower Upper
53 100
52 82.4 67.2 100.8
51 36.5 30.3 45.5



#16
Acetone
Concen: 381.549 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 43 Resp: 527202
Ion Ratio Lower Upper
43 100
58 30.1 22.1 33.1

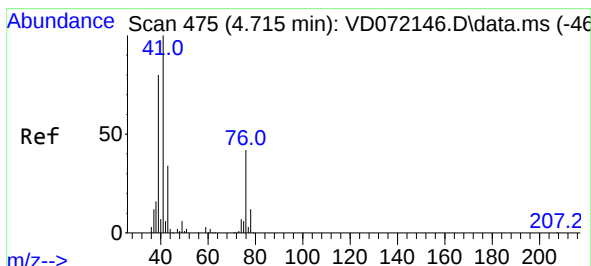
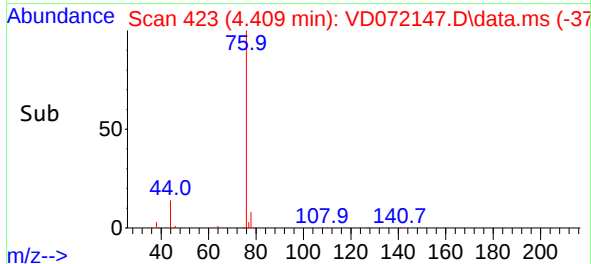
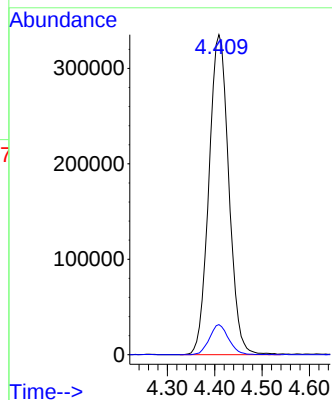
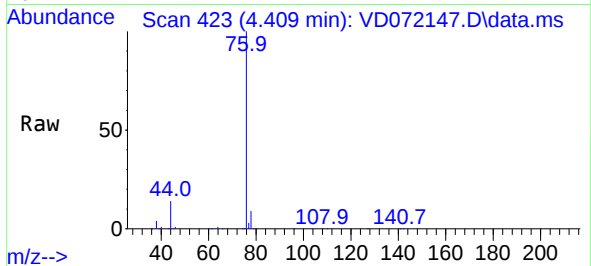




#17
Carbon Disulfide
Concen: 63.577 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

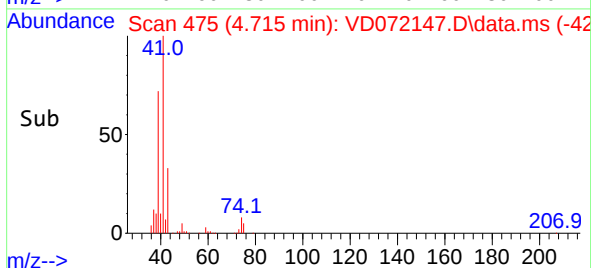
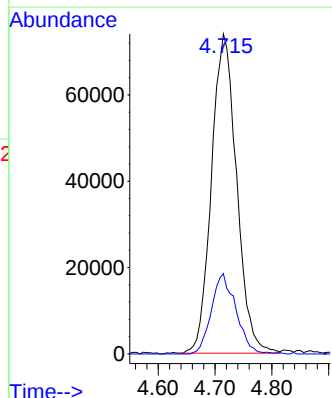
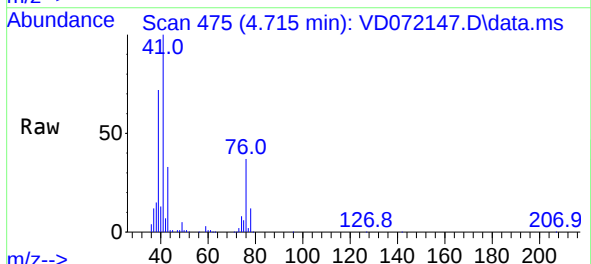
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

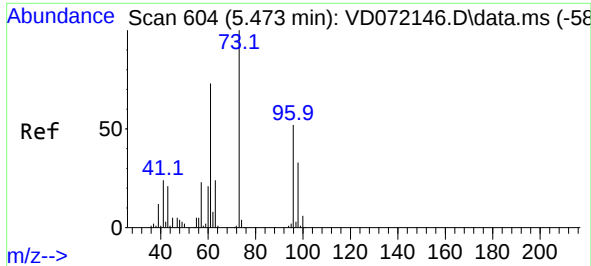
Tgt Ion: 76 Resp: 978115
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 74.363 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 43 Resp: 227065
Ion Ratio Lower Upper
43 100
74 24.6 16.7 25.1

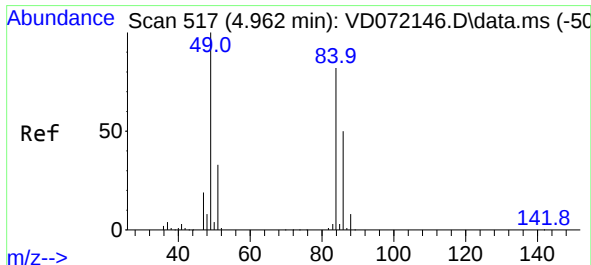
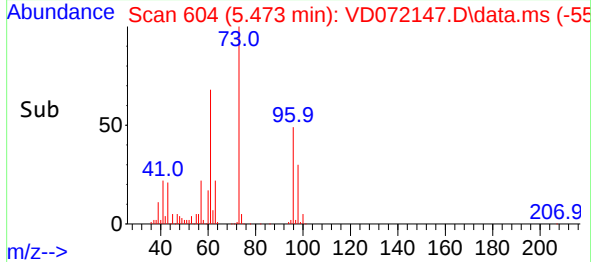
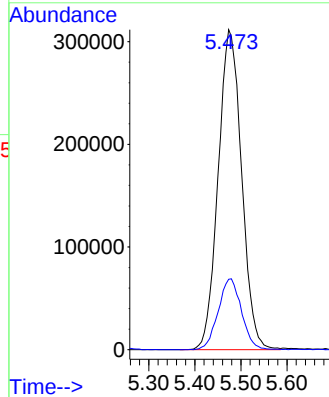
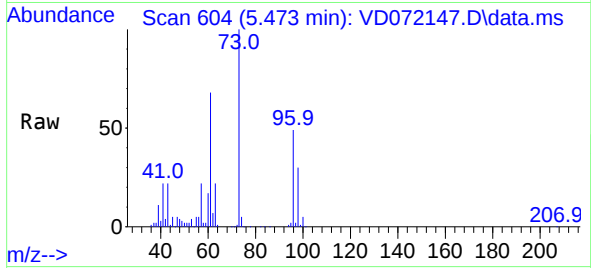




#19
Methyl tert-butyl Ether
Concen: 99.293 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

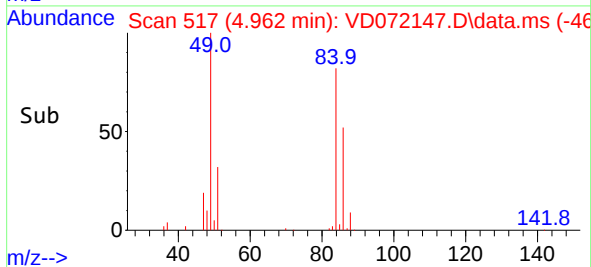
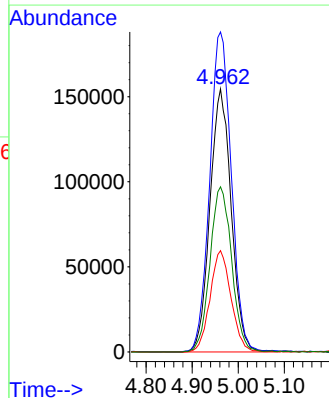
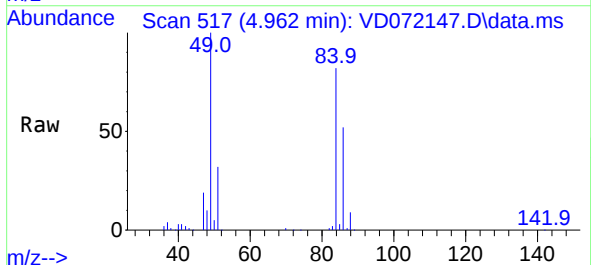
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

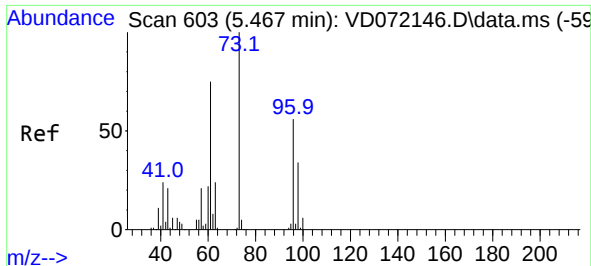
Tgt Ion: 73 Resp: 1098634
Ion Ratio Lower Upper
73 100
57 22.0 18.0 27.0



#20
Methylene Chloride
Concen: 81.562 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 84 Resp: 496108
Ion Ratio Lower Upper
84 100
49 121.7 112.8 169.2
51 38.5 32.6 48.8
86 62.8 47.9 71.9

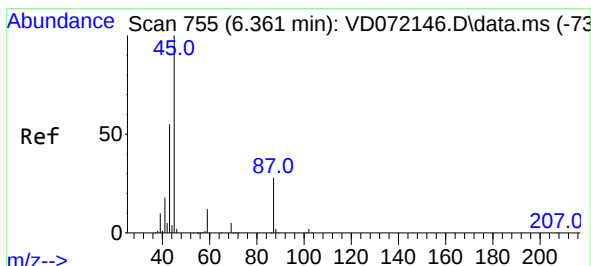
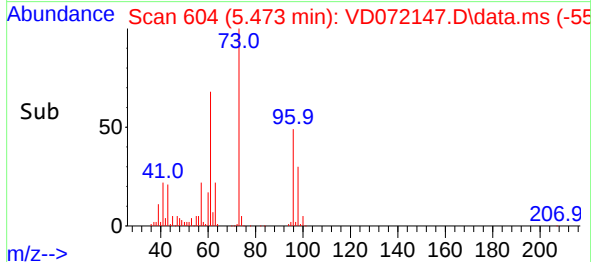
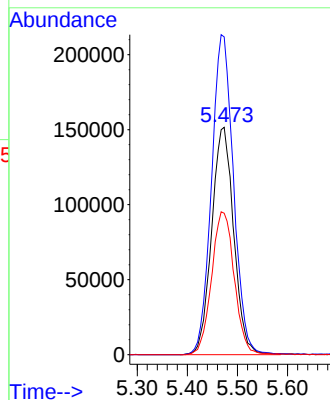
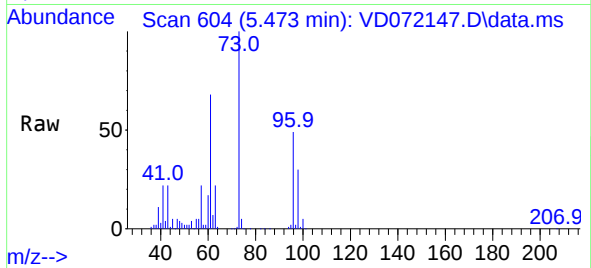




#21
trans-1,2-Dichloroethene
Concen: 86.403 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

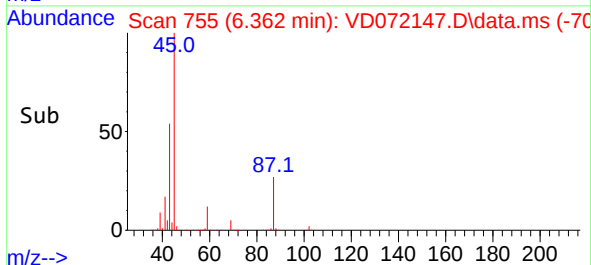
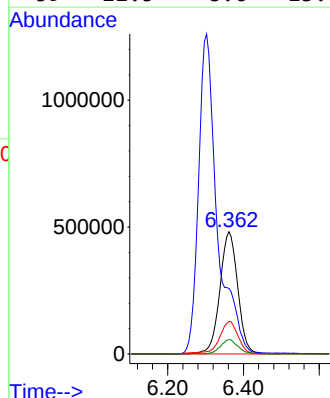
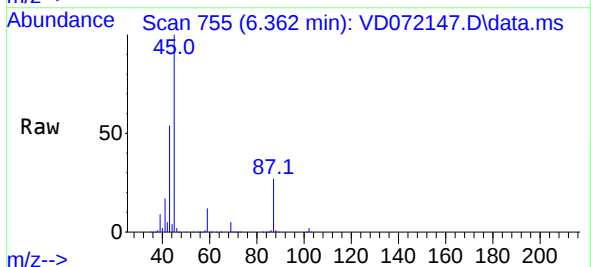
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

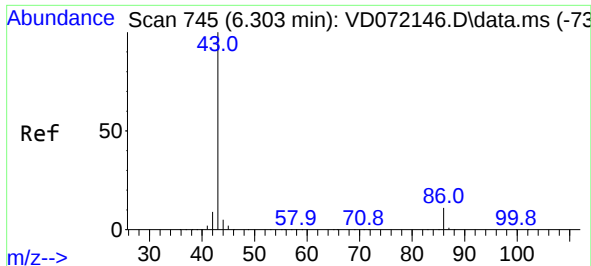
Tgt Ion: 96 Resp: 462979
Ion Ratio Lower Upper
96 100
61 139.7 117.9 176.9
98 62.2 49.4 74.2



#22
Diisopropyl ether
Concen: 92.433 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 45 Resp: 1582635
Ion Ratio Lower Upper
45 100
43 53.3 46.6 70.0
87 26.6 18.4 27.6
59 11.5 8.6 13.0

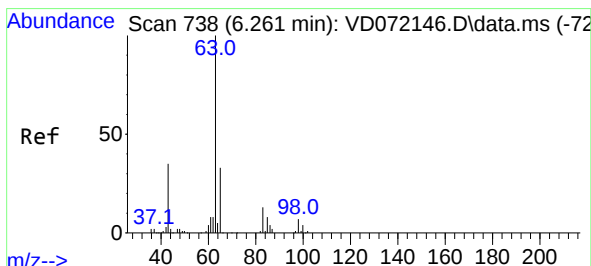
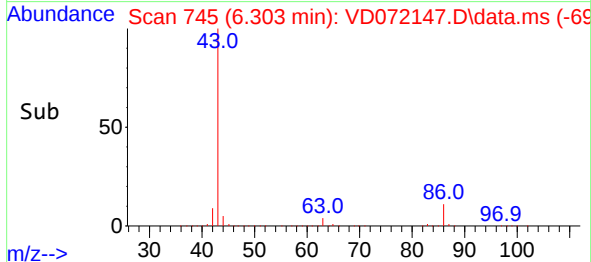
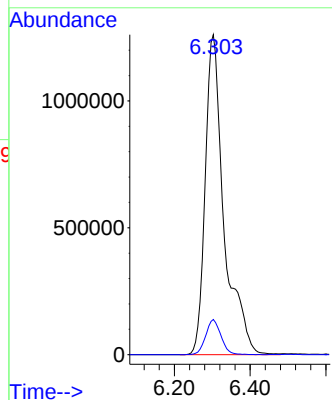
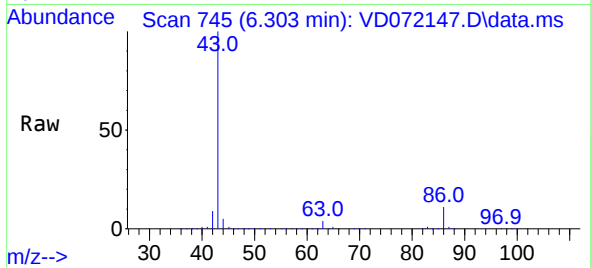




#23
 Vinyl Acetate
 Concen: 466.480 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072147.D
 Acq: 11 Mar 2022 13:04

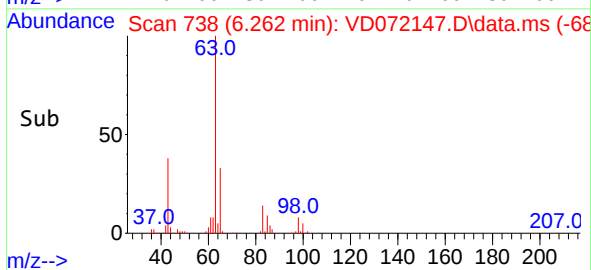
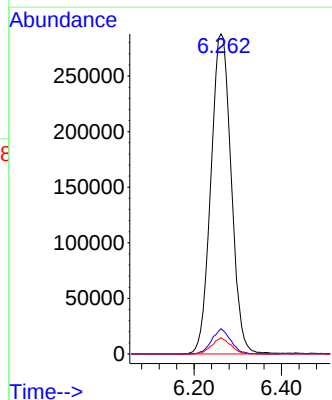
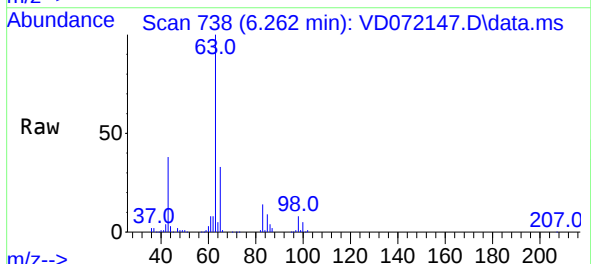
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 4344614
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 91.979 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072147.D
 Acq: 11 Mar 2022 13:04

Tgt Ion: 63 Resp: 927741
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.9
 100 5.1 2.1 6.5

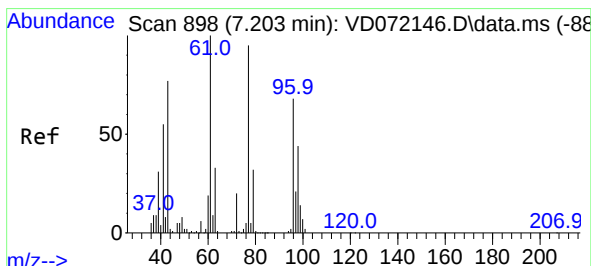
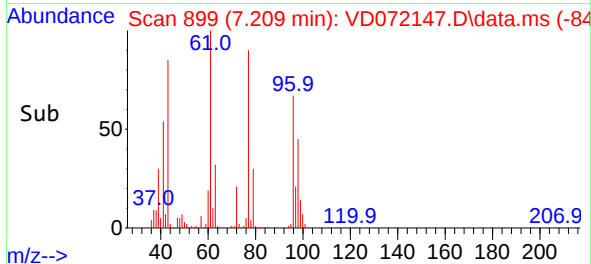
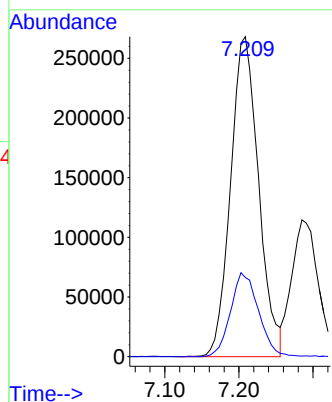
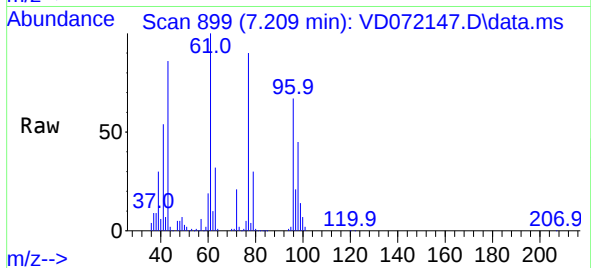




#25
2-Butanone
Concen: 430.536 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

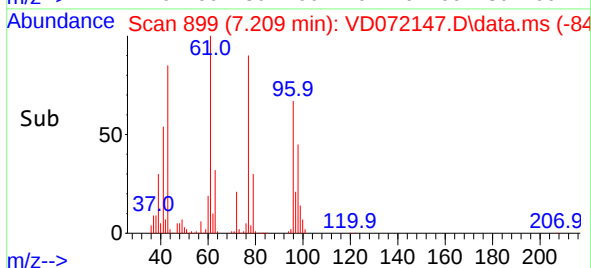
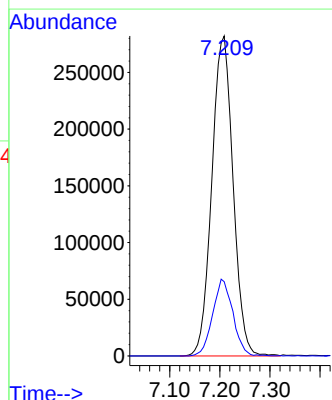
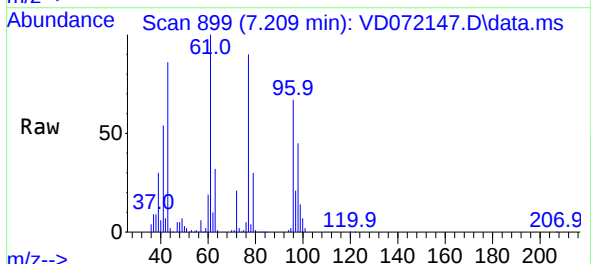
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

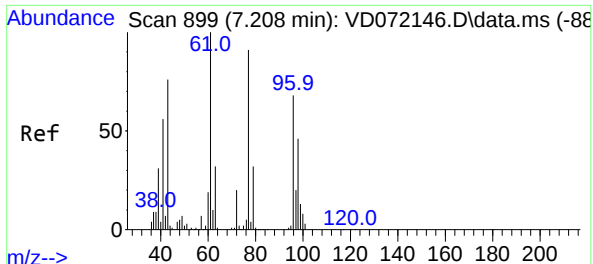
Tgt Ion: 43 Resp: 704410
Ion Ratio Lower Upper
43 100
72 24.8 18.6 27.8



#26
2,2-Dichloropropane
Concen: 97.746 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 77 Resp: 830151
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.4

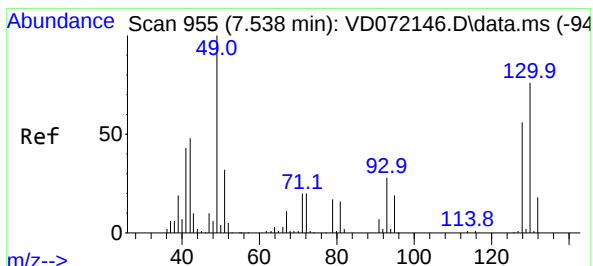
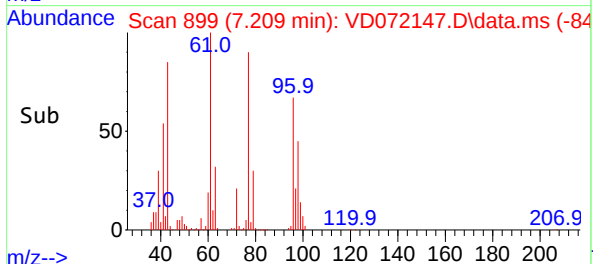
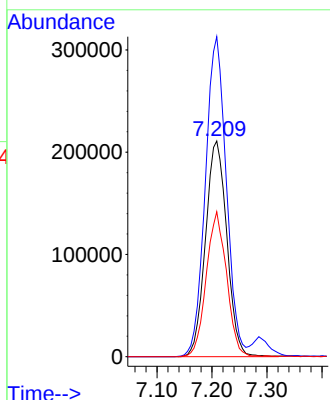
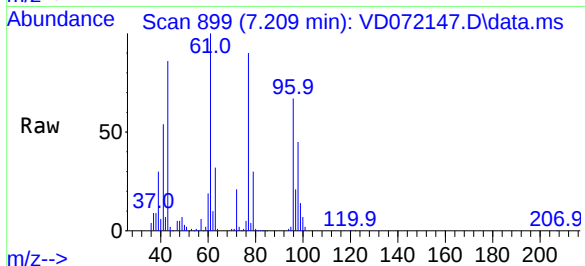




#27
cis-1,2-Dichloroethene
Concen: 97.305 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

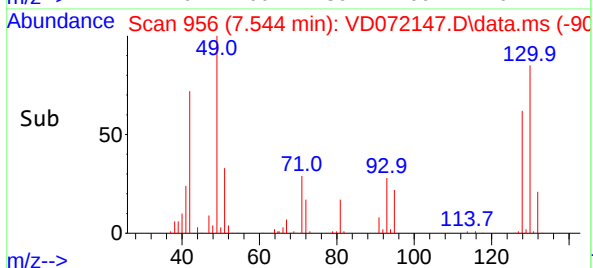
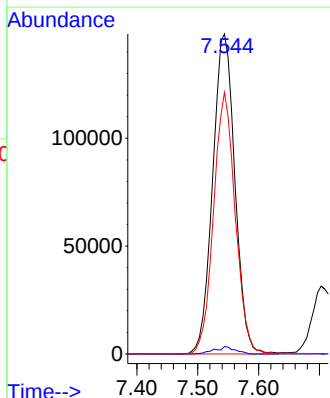
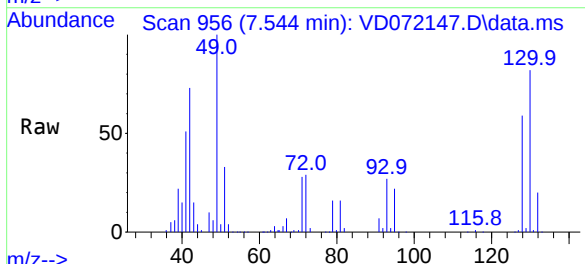
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

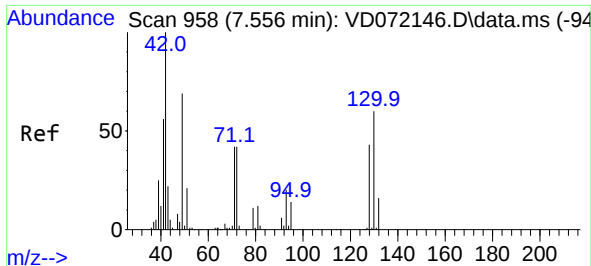
Tgt Ion: 96 Resp: 569112
Ion Ratio Lower Upper
96 100
61 145.6 0.0 313.8
98 64.0 0.0 128.8



#28
Bromochloromethane
Concen: 98.280 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 49 Resp: 376728
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 79.4 52.6 79.0#





#29

Tetrahydrofuran

Concen: 431.627 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072147.D

Acq: 11 Mar 2022 13:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

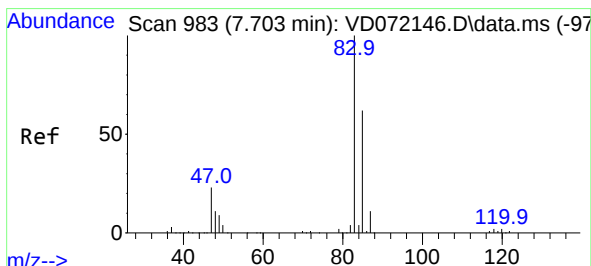
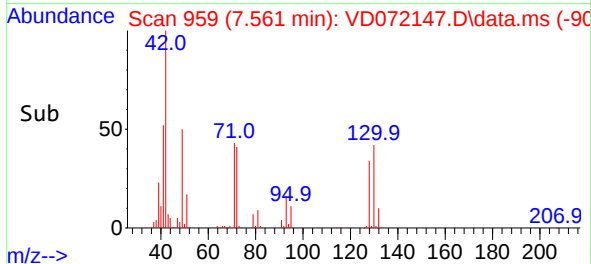
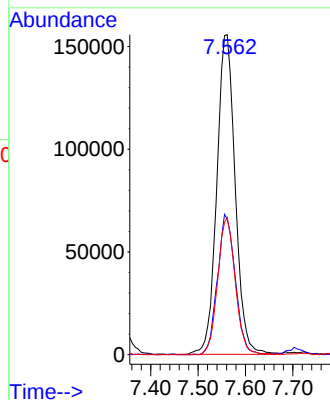
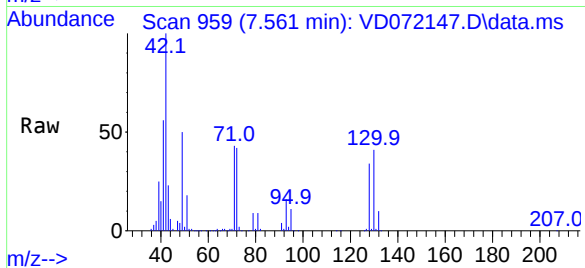
Tgt Ion: 42 Resp: 420209

Ion Ratio Lower Upper

42 100

72 42.3 30.7 46.1

71 40.9 28.6 43.0



#30

Chloroform

Concen: 92.771 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.006 min

Lab File: VD072147.D

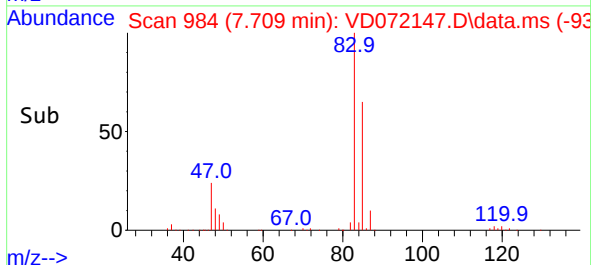
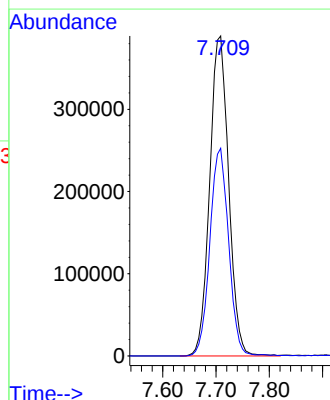
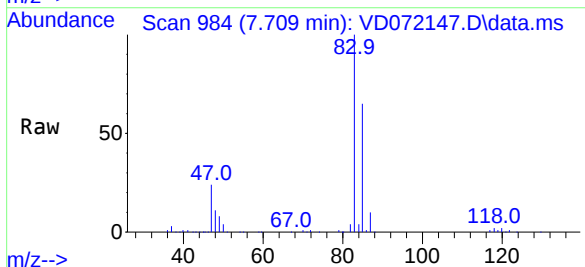
Acq: 11 Mar 2022 13:04

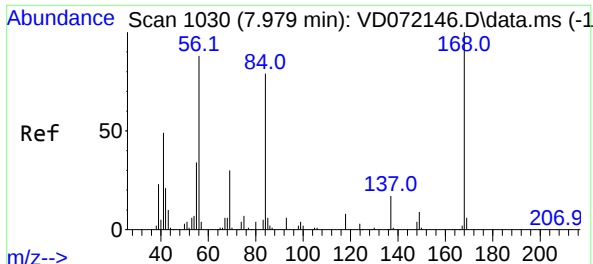
Tgt Ion: 83 Resp: 963238

Ion Ratio Lower Upper

83 100

85 64.9 52.7 79.1





#31

Cyclohexane

Concen: 78.384 ug/l

RT: 7.985 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VD072147.D

Acq: 11 Mar 2022 13:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

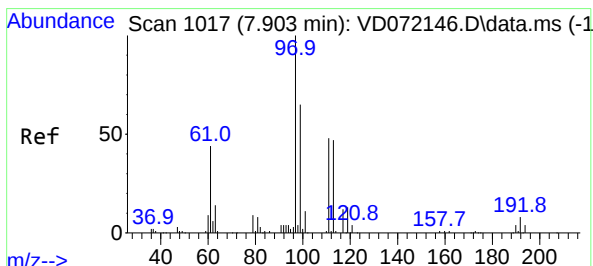
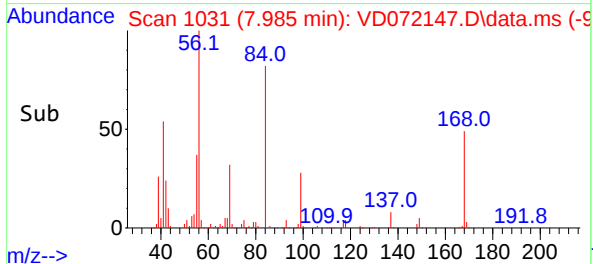
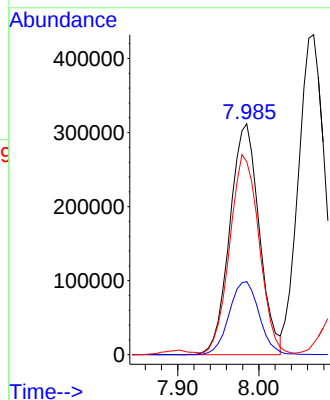
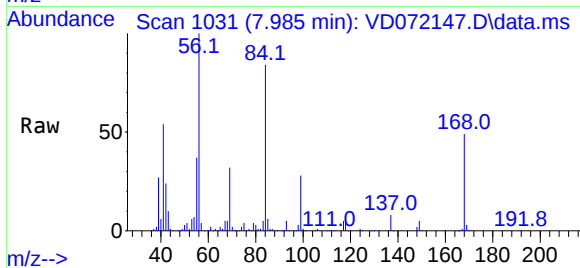
Tgt Ion: 56 Resp: 786447

Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.2

84 81.5 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 95.021 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD072147.D

Acq: 11 Mar 2022 13:04

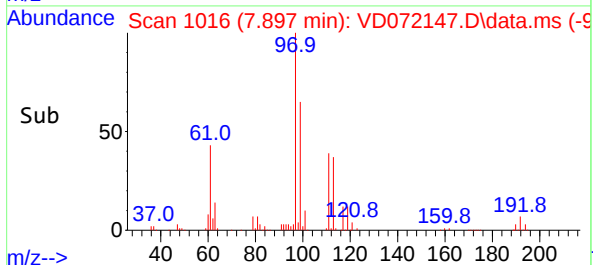
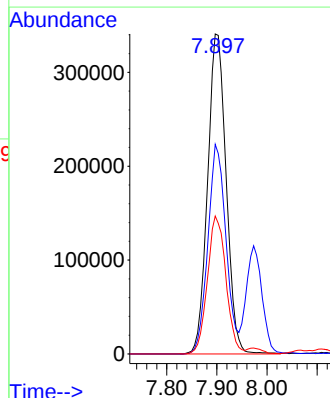
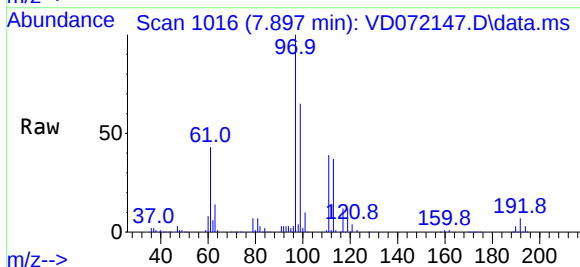
Tgt Ion: 97 Resp: 876367

Ion Ratio Lower Upper

97 100

99 64.1 52.4 78.6

61 43.1 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 86.621 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072147.D

Acq: 11 Mar 2022 13:04

Instrument :

MSVOA_D

ClientSampleId :

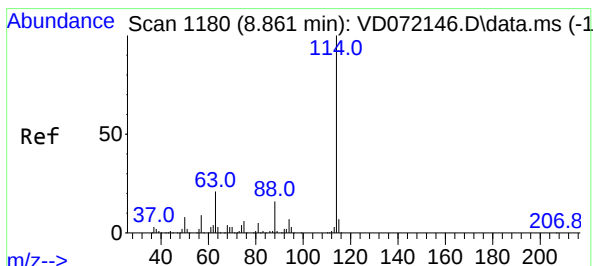
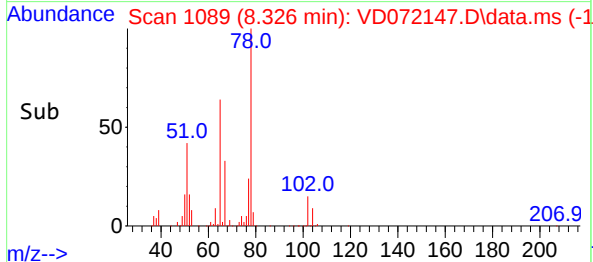
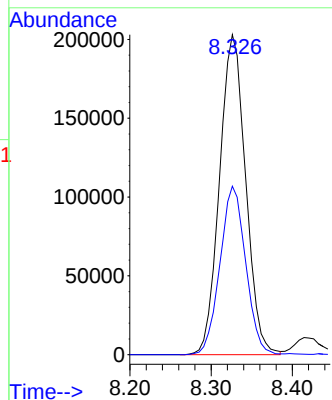
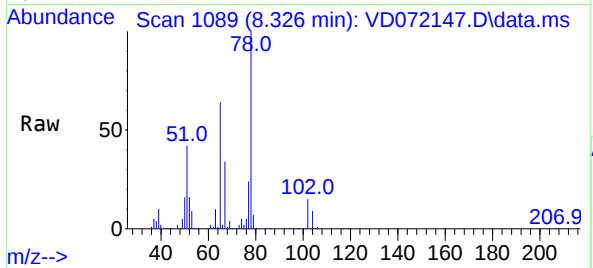
VSTDIC100

Tgt Ion: 65 Resp: 453306

Ion Ratio Lower Upper

65 100

67 51.8 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: VD072147.D

Acq: 11 Mar 2022 13:04

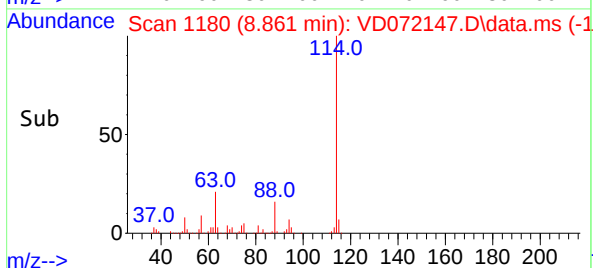
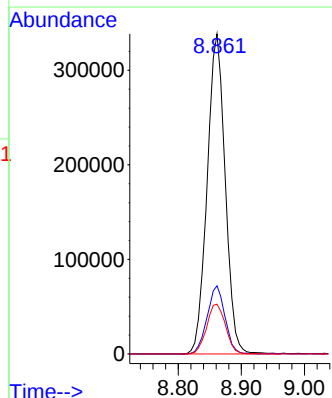
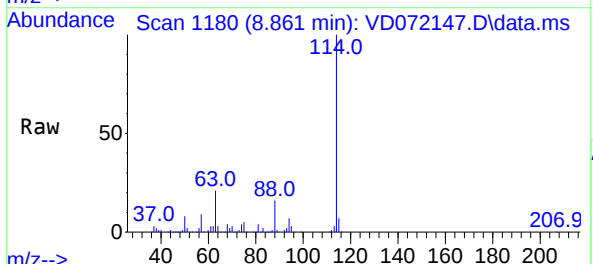
Tgt Ion: 114 Resp: 671895

Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 101.837 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072147.D

Acq: 11 Mar 2022 13:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

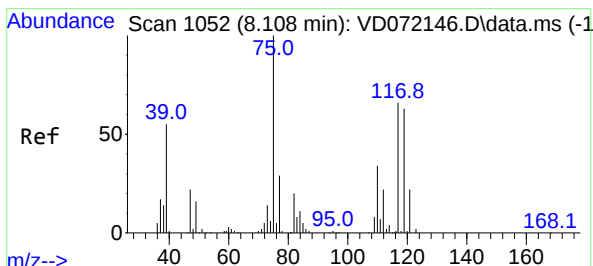
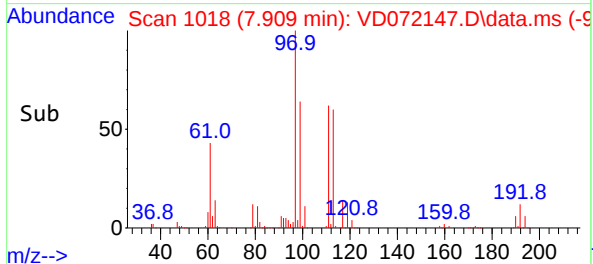
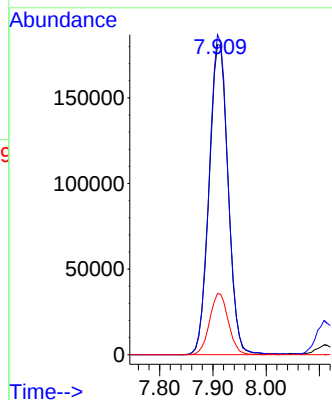
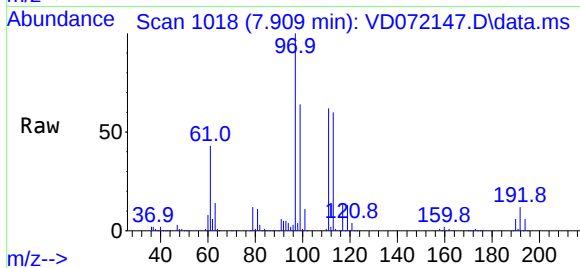
Tgt Ion:113 Resp: 448584

Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 19.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 93.945 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD072147.D

Acq: 11 Mar 2022 13:04

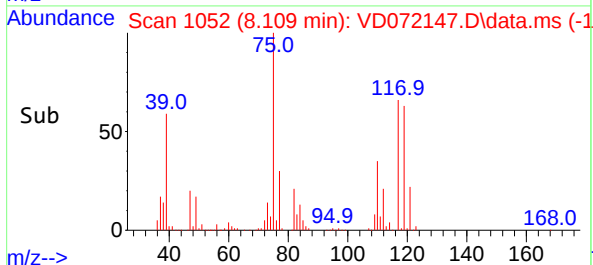
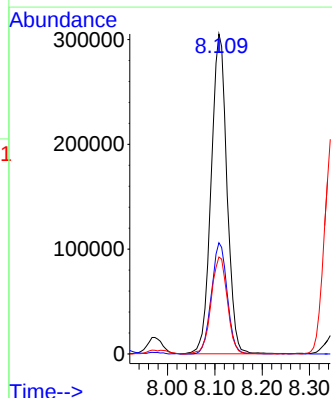
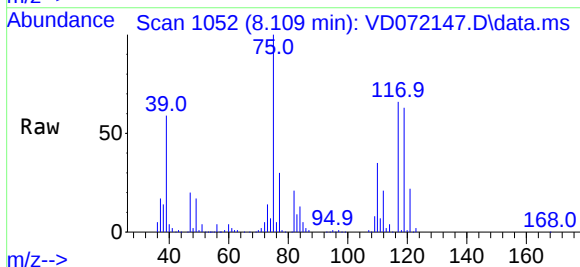
Tgt Ion: 75 Resp: 704453

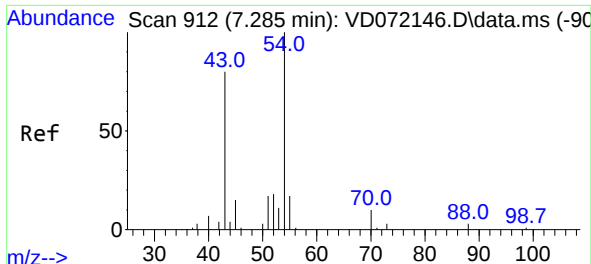
Ion Ratio Lower Upper

75 100

110 34.6 16.4 49.1

77 31.2 24.2 36.2





#37

Ethyl Acetate

Concen: 86.047 ug/l

RT: 7.285 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD072147.D

Acq: 11 Mar 2022 13:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

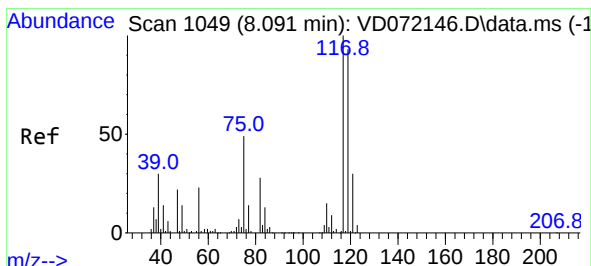
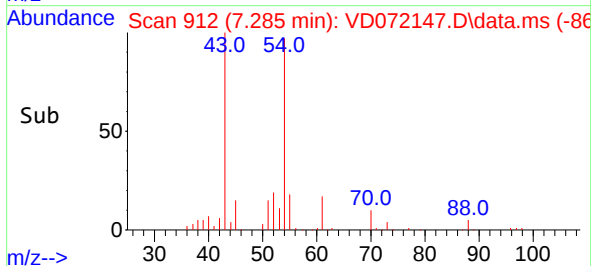
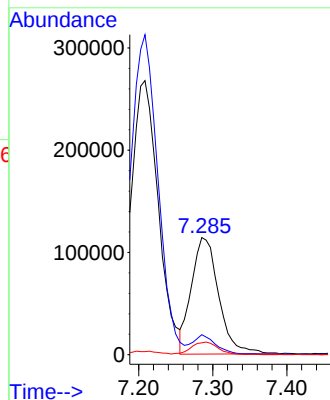
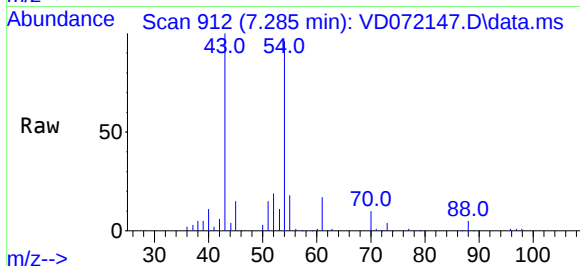
Tgt Ion: 43 Resp: 291621

Ion Ratio Lower Upper

43 100

61 13.9 9.8 14.8

70 10.8 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 101.099 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VD072147.D

Acq: 11 Mar 2022 13:04

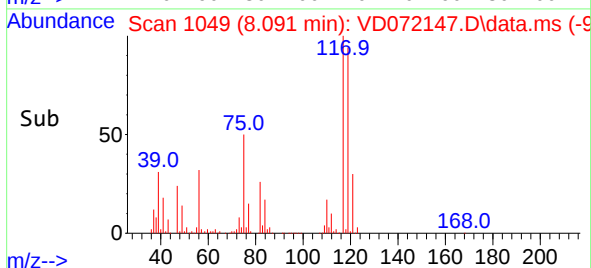
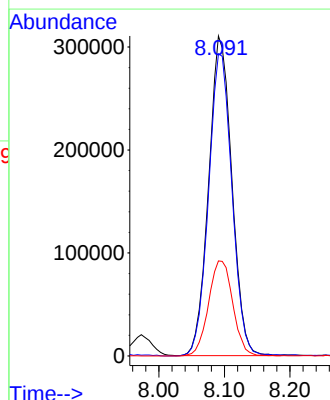
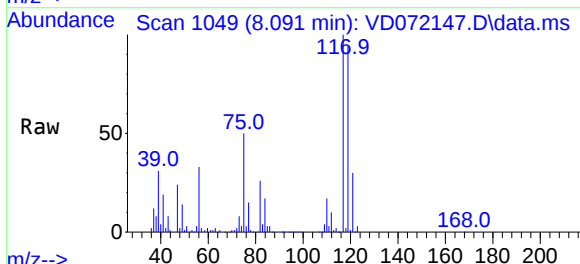
Tgt Ion: 117 Resp: 762720

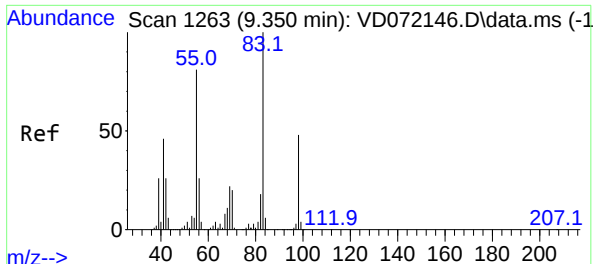
Ion Ratio Lower Upper

117 100

119 94.4 75.8 113.6

121 29.7 24.5 36.7





#39

Methylcyclohexane

Concen: 97.254 ug/l

RT: 9.350 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD072147.D

Acq: 11 Mar 2022 13:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

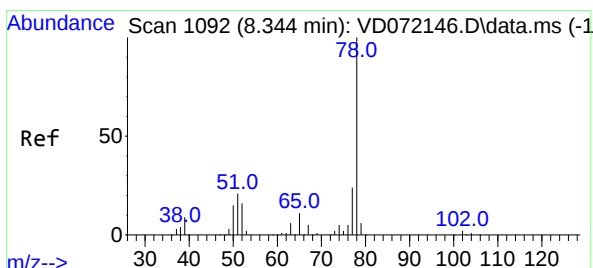
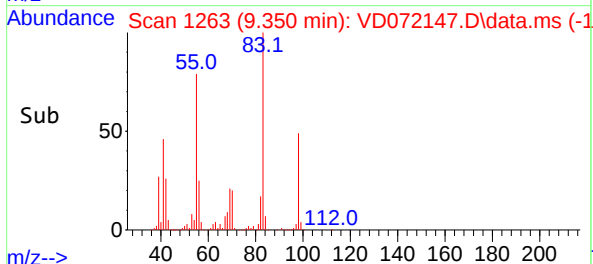
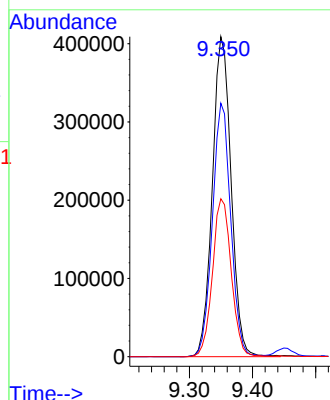
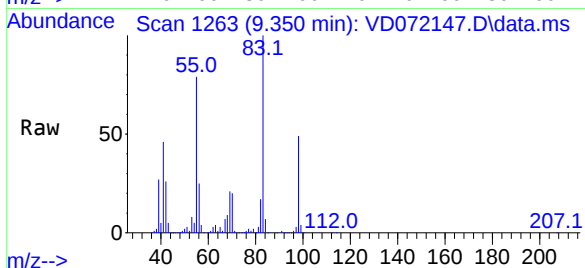
Tgt Ion: 83 Resp: 844030

Ion Ratio Lower Upper

83 100

55 79.2 63.2 94.8

98 49.3 38.2 57.4



#40

Benzene

Concen: 96.467 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD072147.D

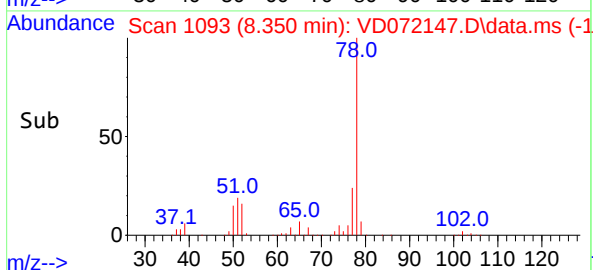
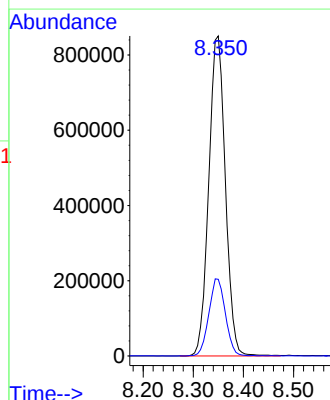
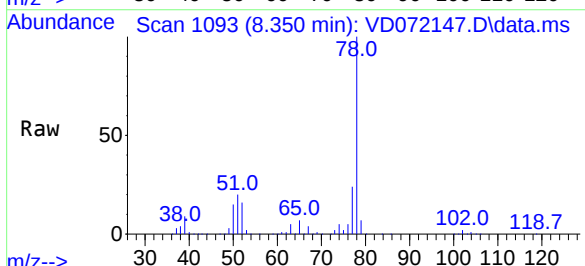
Acq: 11 Mar 2022 13:04

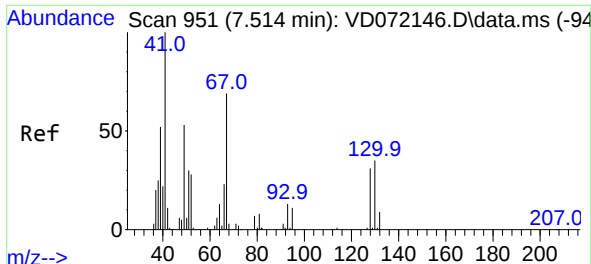
Tgt Ion: 78 Resp: 1957623

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7

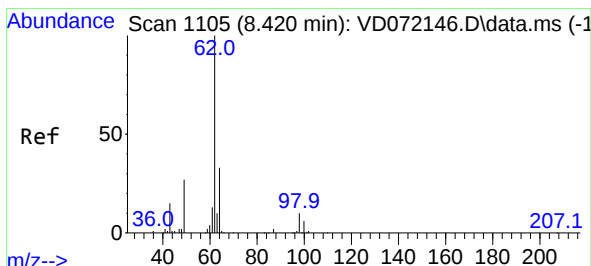
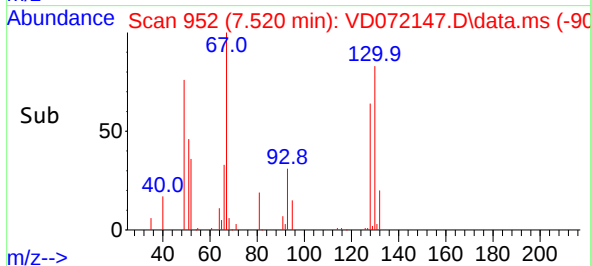
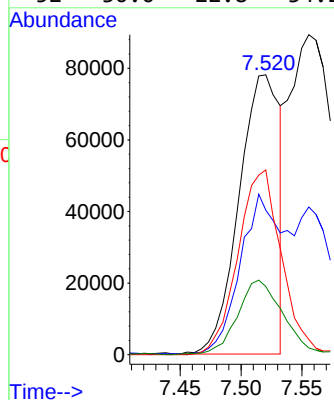
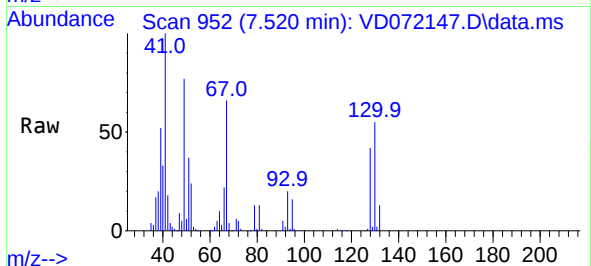




#41
Methacrylonitrile
Concen: 95.139 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

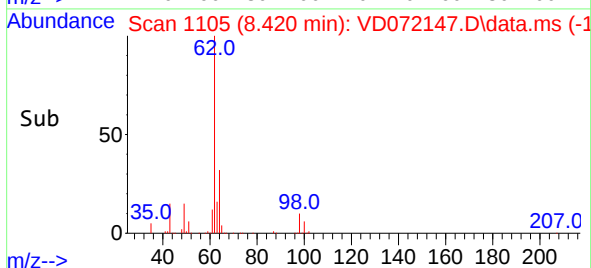
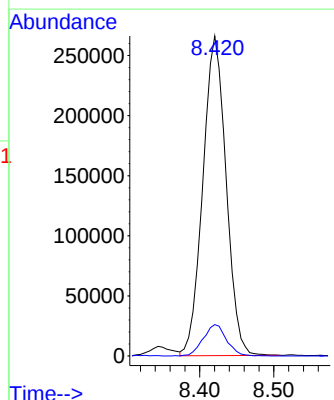
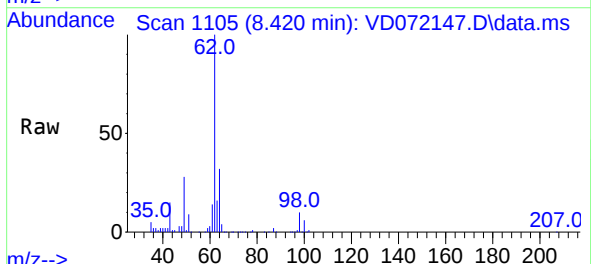
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 181250
Ion Ratio Lower Upper
41 100
39 66.2 44.6 67.0
67 71.1 48.2 72.4
52 30.0 22.8 34.2



#42
1,2-Dichloroethane
Concen: 91.942 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 62 Resp: 579681
Ion Ratio Lower Upper
62 100
98 9.9 0.0 17.6

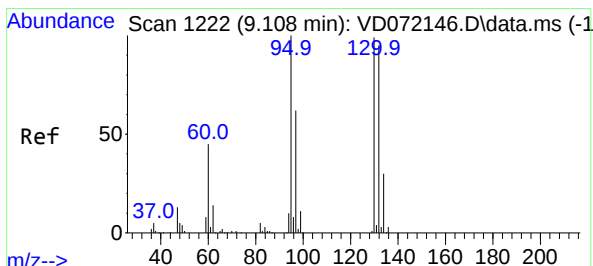
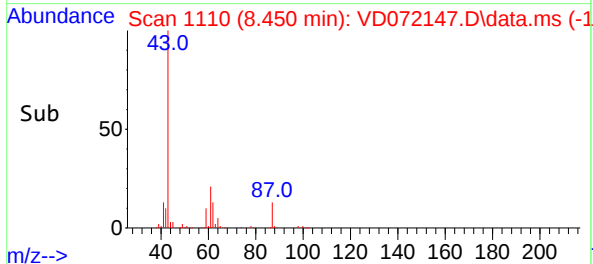
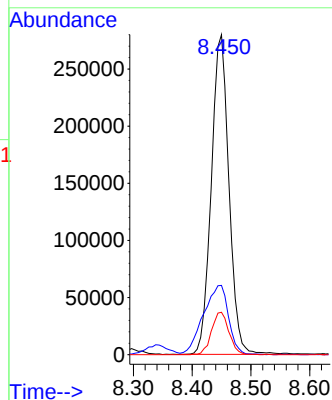
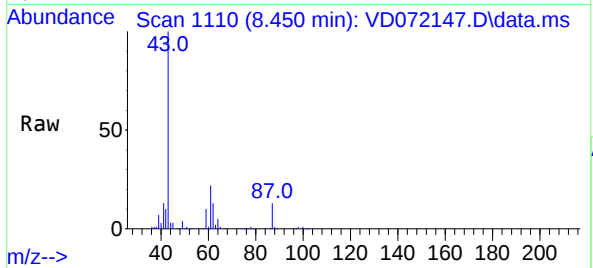




#43
Isopropyl Acetate
Concen: 95.235 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

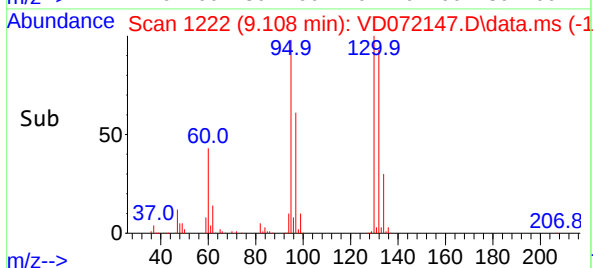
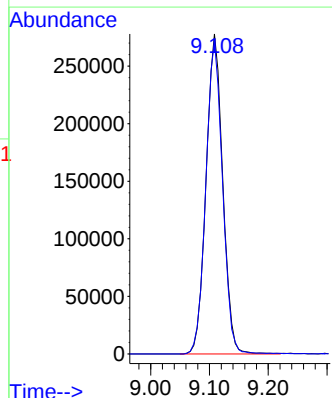
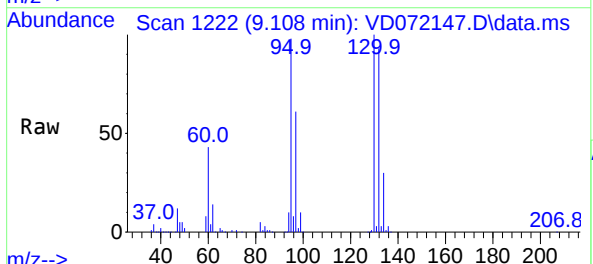
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

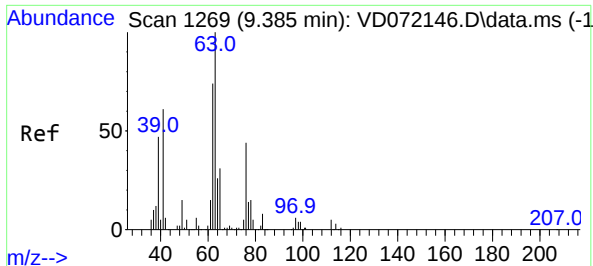
Tgt Ion: 43 Resp: 583045
Ion Ratio Lower Upper
43 100
61 31.0 22.4 33.6
87 13.2 8.7 13.1#



#44
Trichloroethene
Concen: 102.390 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion:130 Resp: 546615
Ion Ratio Lower Upper
130 100
95 97.8 0.0 205.4





#45

1,2-Dichloropropane

Concen: 99.682 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD072147.D

Acq: 11 Mar 2022 13:04

Instrument :

MSVOA_D

ClientSampleId :

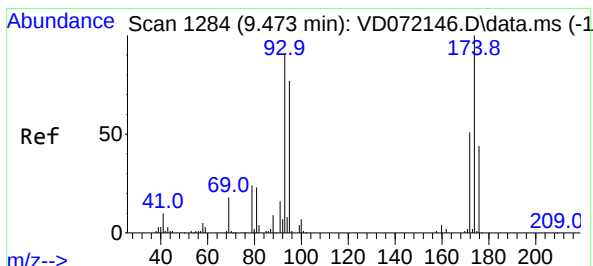
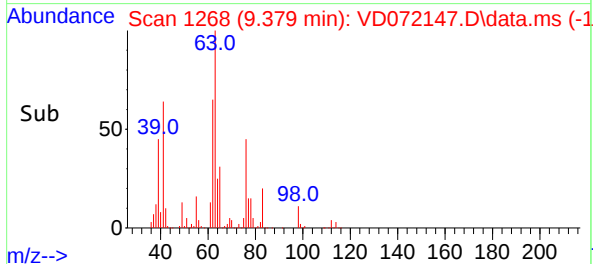
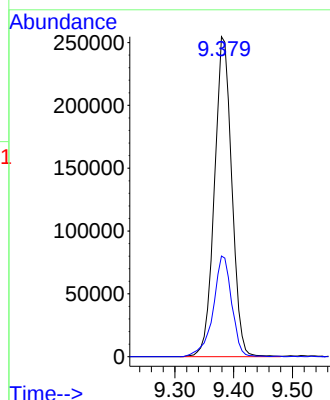
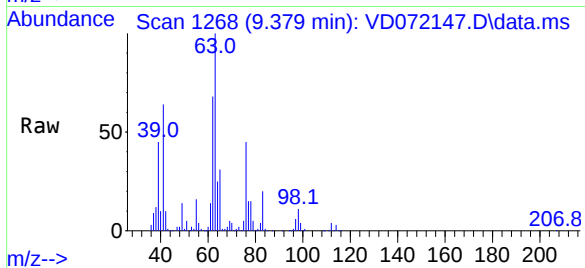
VSTDICC100

Tgt Ion: 63 Resp: 522063

Ion Ratio Lower Upper

63 100

65 31.5 26.2 39.4



#46

Dibromomethane

Concen: 96.859 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD072147.D

Acq: 11 Mar 2022 13:04

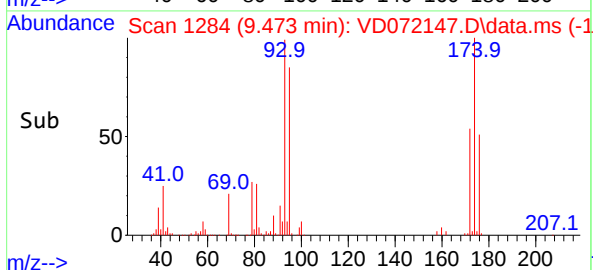
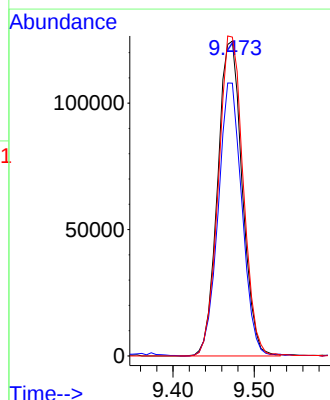
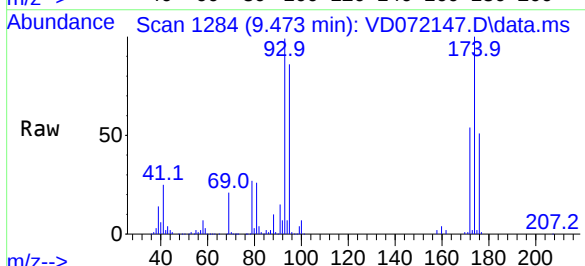
Tgt Ion: 93 Resp: 262276

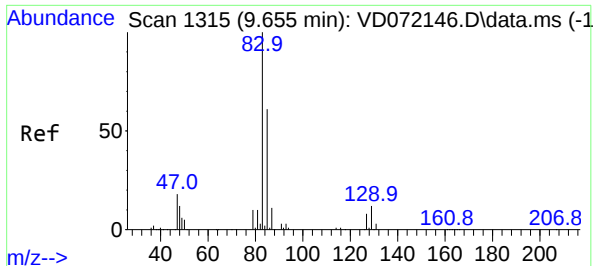
Ion Ratio Lower Upper

93 100

95 84.2 66.7 100.1

174 102.1 71.6 107.4

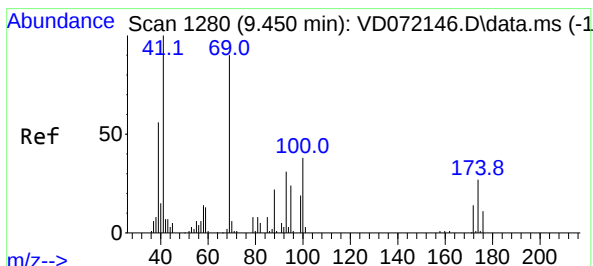
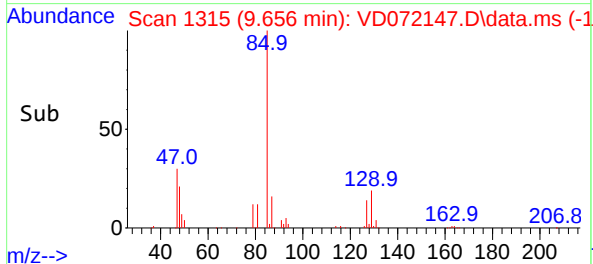
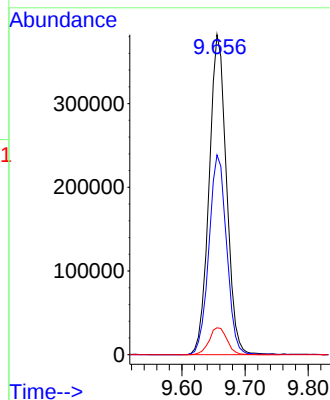
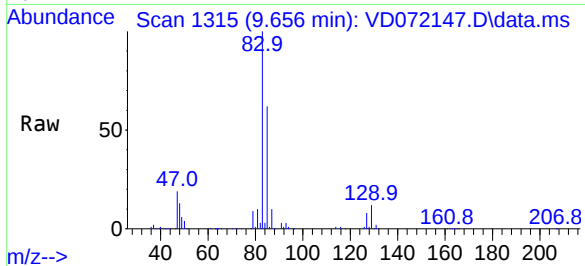




#47
Bromodichloromethane
Concen: 100.384 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

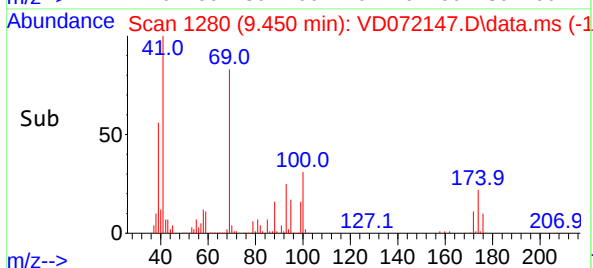
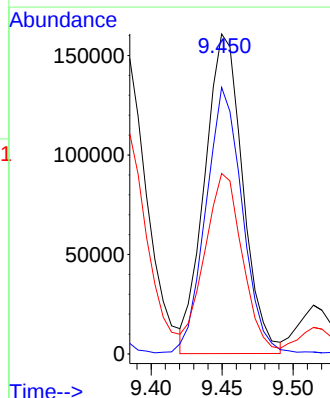
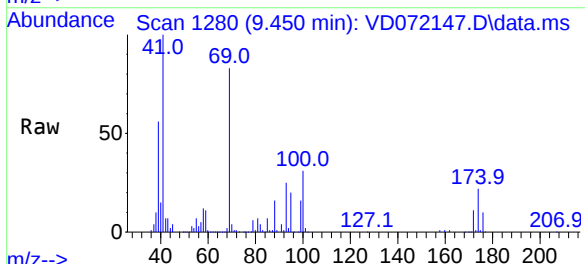
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

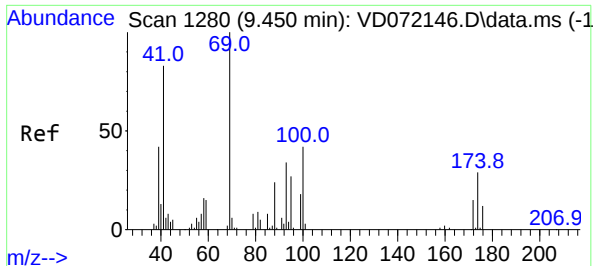
Tgt Ion: 83 Resp: 730898
Ion Ratio Lower Upper
83 100
85 62.4 51.4 77.0
127 8.4 6.1 9.1



#48
Methyl methacrylate
Concen: 92.461 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 41 Resp: 299213
Ion Ratio Lower Upper
41 100
69 79.8 56.7 85.1
39 52.8 42.7 64.1

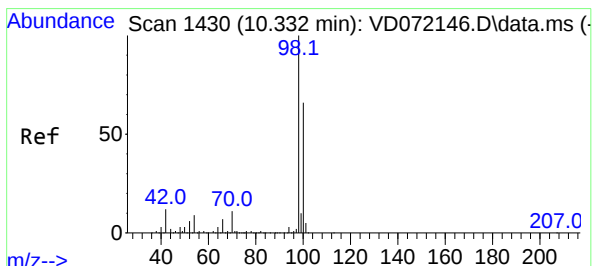
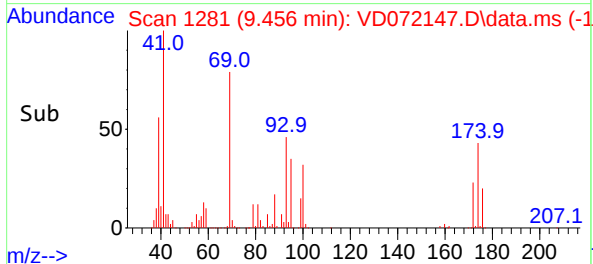
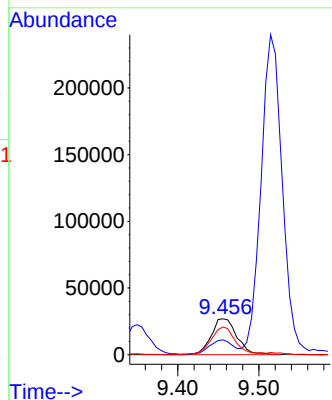
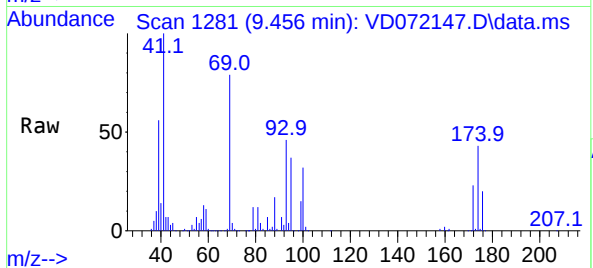




#49
1,4-Dioxane
Concen: 1920.172 ug/l
RT: 9.456 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

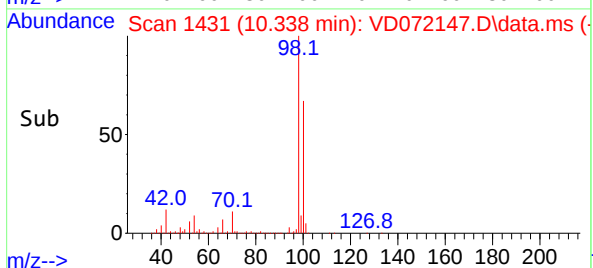
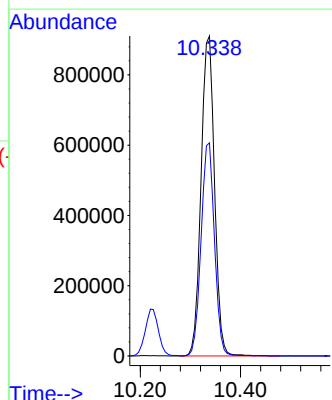
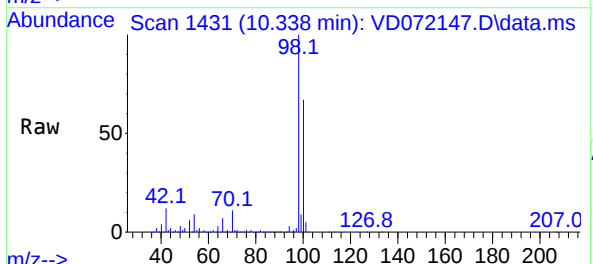
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

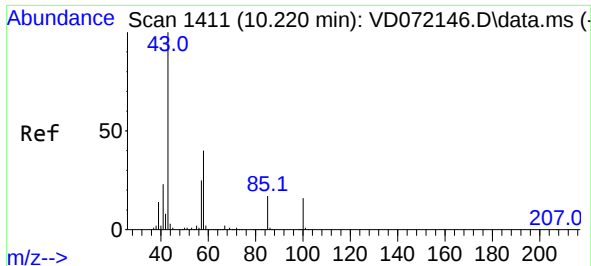
Tgt Ion: 88 Resp: 59115
Ion Ratio Lower Upper
88 100
43 35.6 31.0 46.4
58 72.6 58.1 87.1



#50
Toluene-d8
Concen: 103.084 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 98 Resp: 1693444
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6

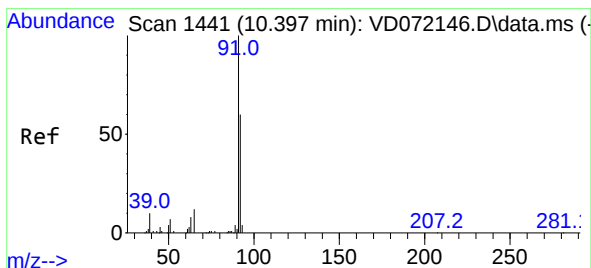
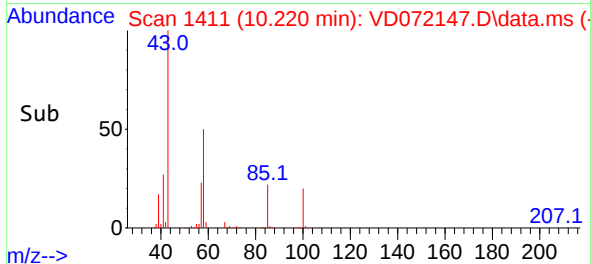
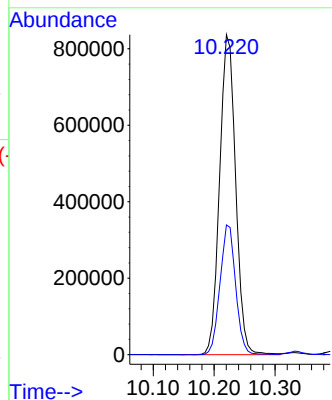
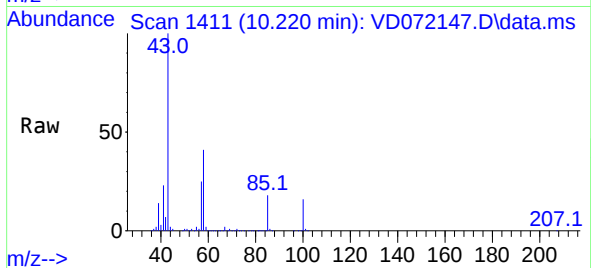




#51
4-Methyl-2-Pentanone
Concen: 478.854 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

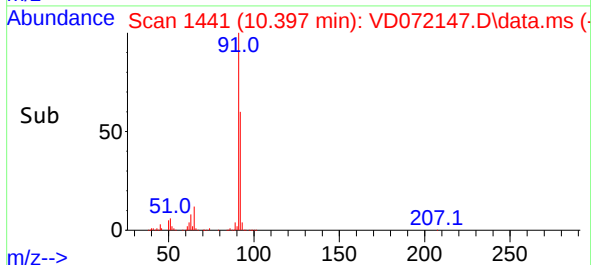
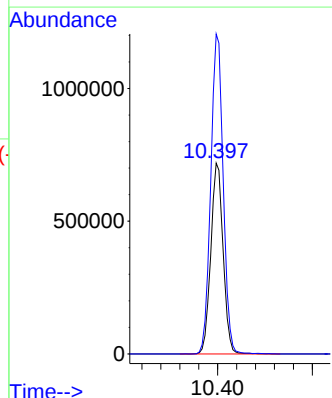
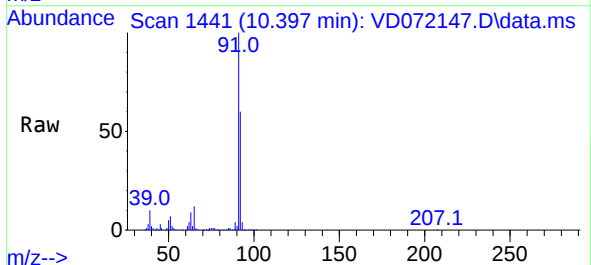
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

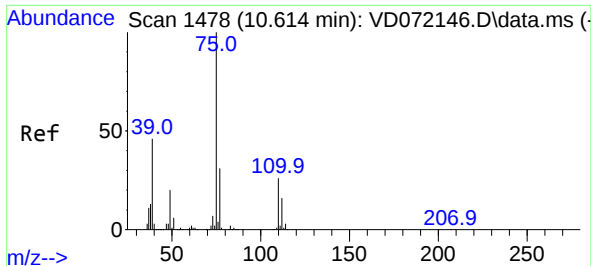
Tgt Ion: 43 Resp: 1531218
Ion Ratio Lower Upper
43 100
58 39.5 28.6 43.0



#52
Toluene
Concen: 101.527 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 92 Resp: 1295974
Ion Ratio Lower Upper
92 100
91 169.4 139.6 209.4

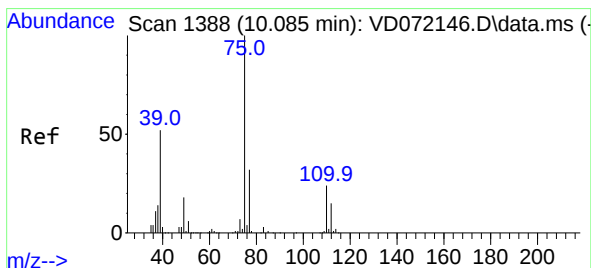
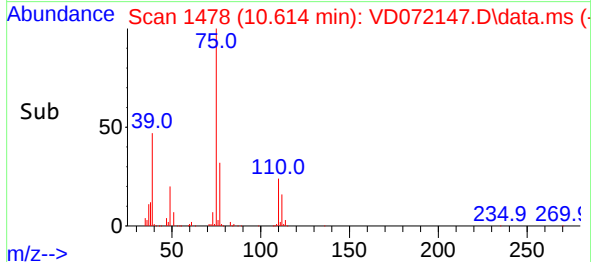
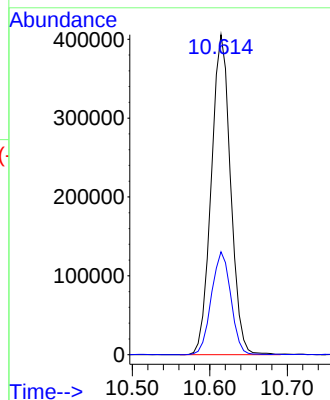
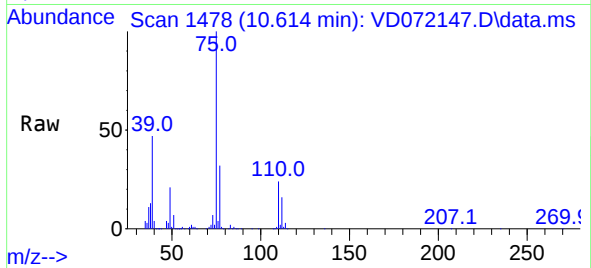




#53
t-1,3-Dichloropropene
Concen: 105.481 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

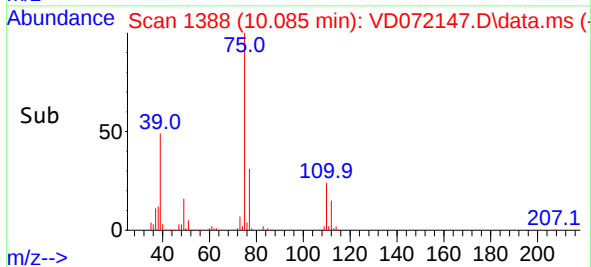
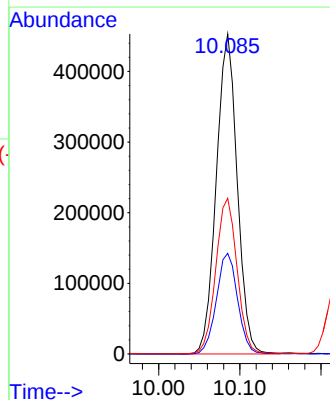
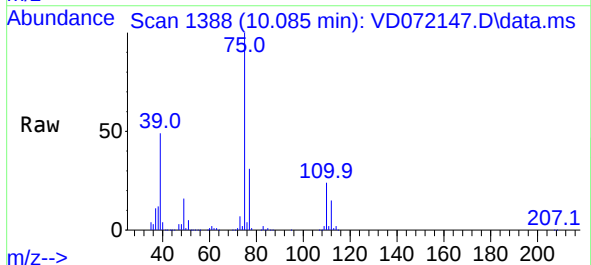
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

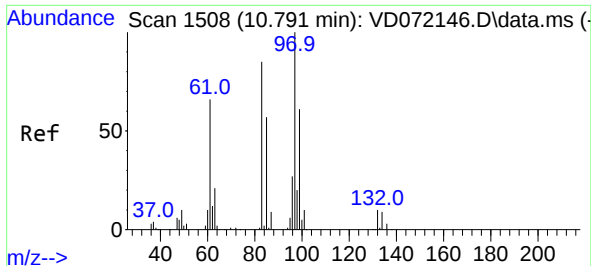
Tgt Ion: 75 Resp: 701620
Ion Ratio Lower Upper
75 100
77 32.1 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 103.390 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 75 Resp: 810819
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2
39 48.5 46.8 70.2



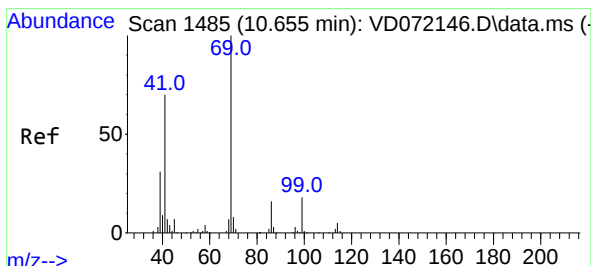
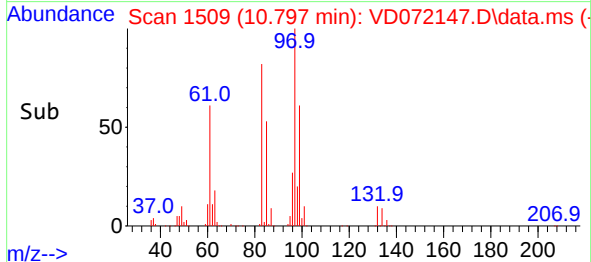
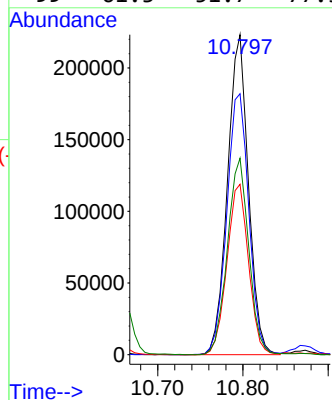
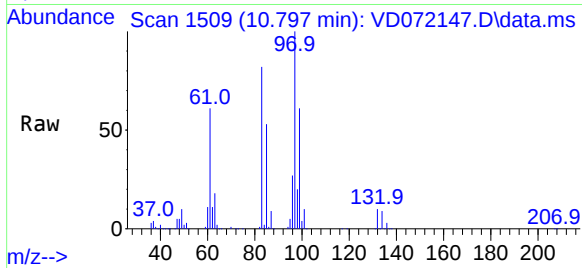


#55
1,1,2-Trichloroethane
Concen: 103.944 ug/l
RT: 10.797 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 380754

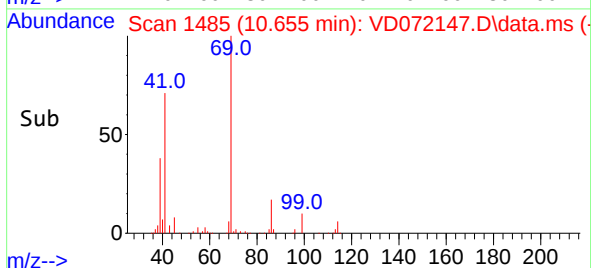
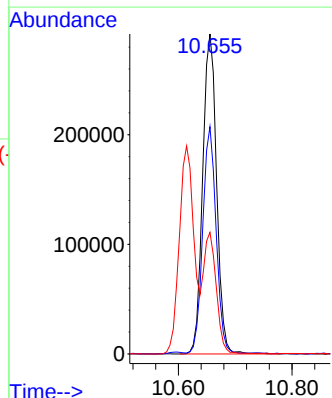
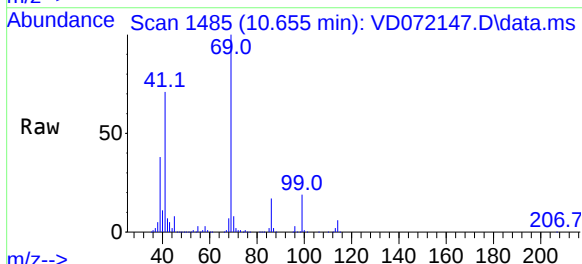
Ion	Ratio	Lower	Upper
97	100		
83	81.6	69.0	103.4
85	53.3	42.6	63.8
99	61.3	51.7	77.5

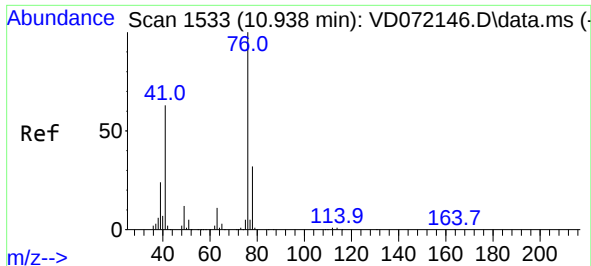


#56
Ethyl methacrylate
Concen: 110.595 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 69 Resp: 494914

Ion	Ratio	Lower	Upper
69	100		
41	68.2	63.0	94.6
39	34.2	33.8	50.8





#57

1,3-Dichloropropane

Concen: 102.188 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072147.D

Acq: 11 Mar 2022 13:04

Instrument :

MSVOA_D

ClientSampleId :

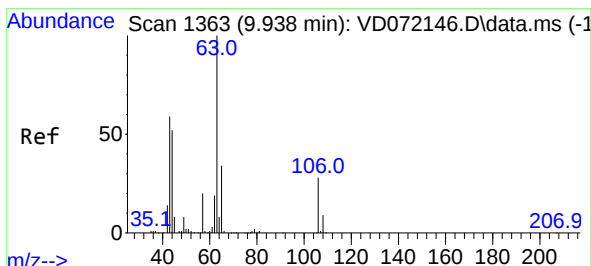
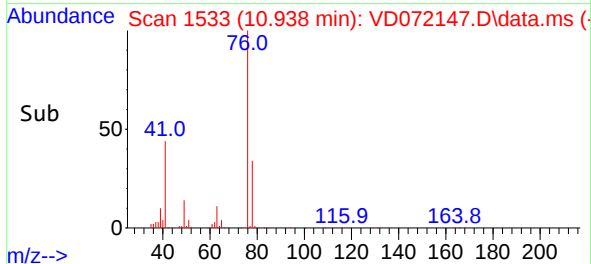
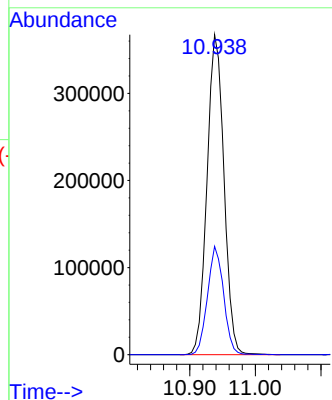
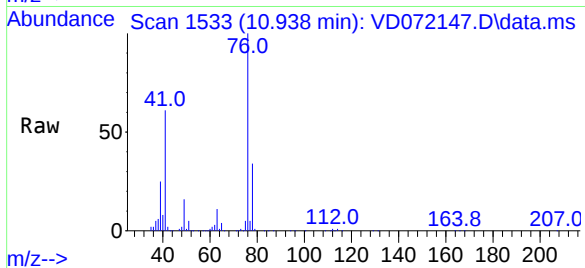
VSTDIC100

Tgt Ion: 76 Resp: 661305

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 520.244 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD072147.D

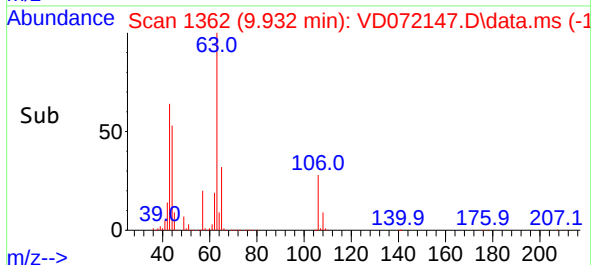
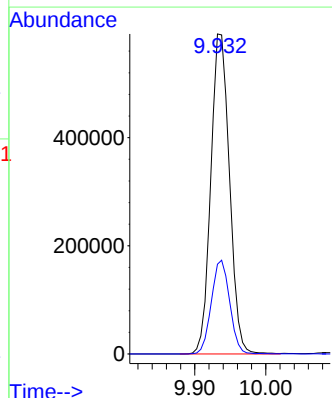
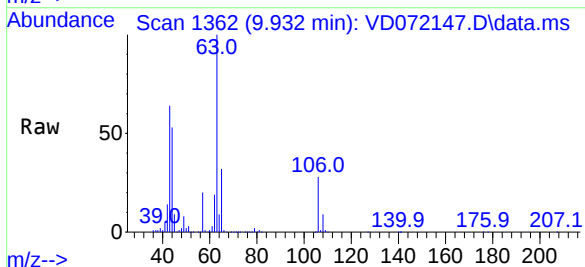
Acq: 11 Mar 2022 13:04

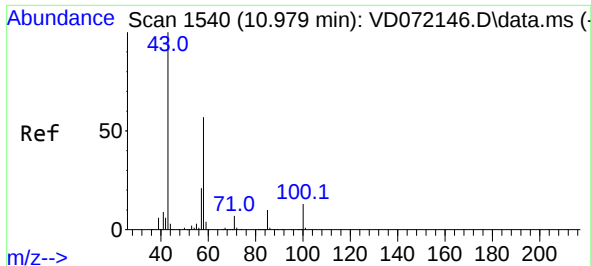
Tgt Ion: 63 Resp: 1080260

Ion Ratio Lower Upper

63 100

106 28.8 21.4 32.0

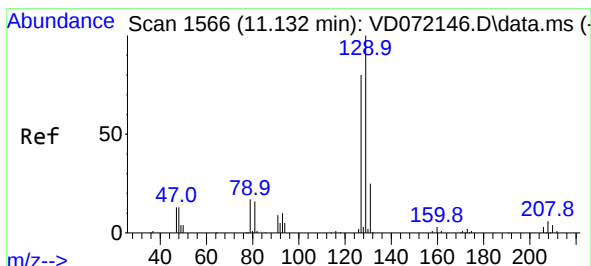
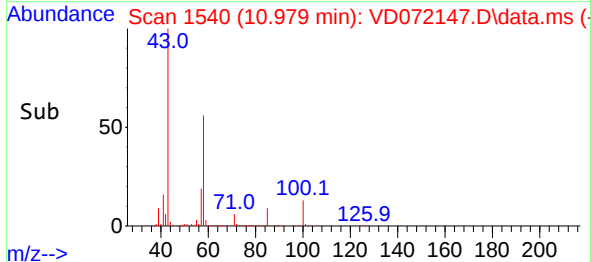
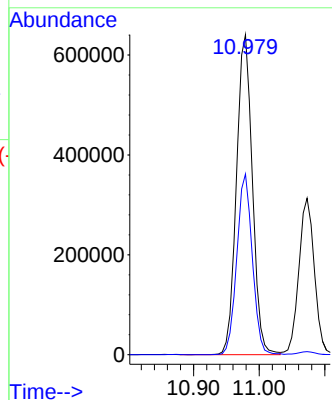
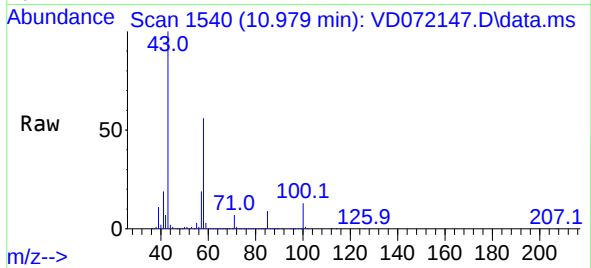




#59
2-Hexanone
Concen: 472.214 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

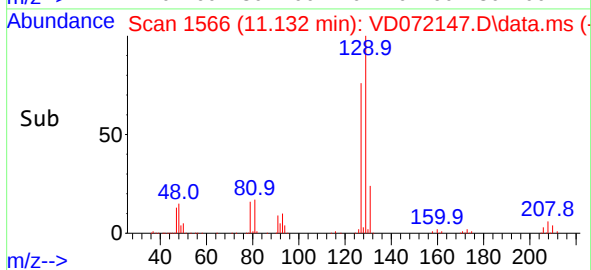
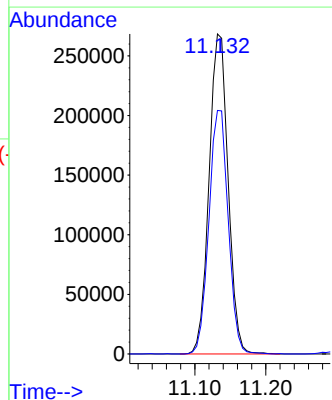
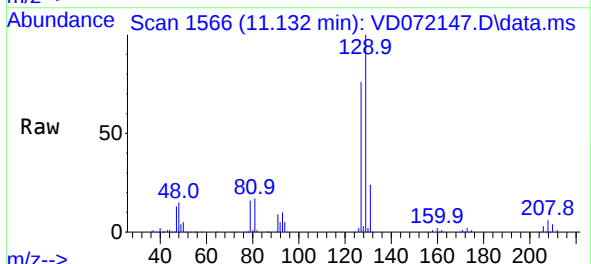
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

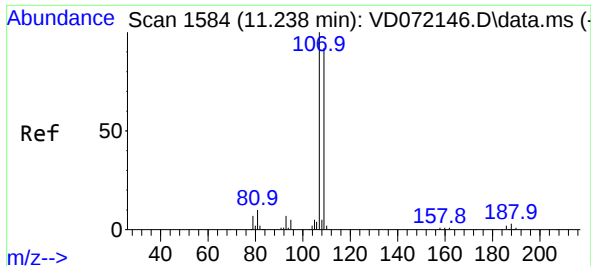
Tgt Ion: 43 Resp: 1081606
Ion Ratio Lower Upper
43 100
58 55.0 25.3 75.9



#60
Dibromochloromethane
Concen: 109.607 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 129 Resp: 499050
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6

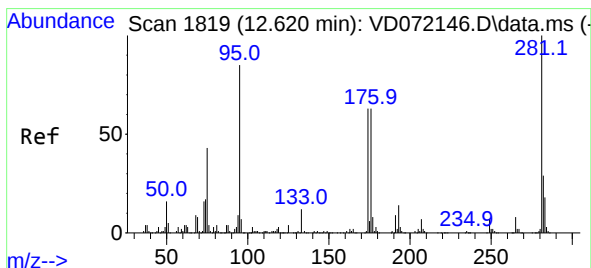
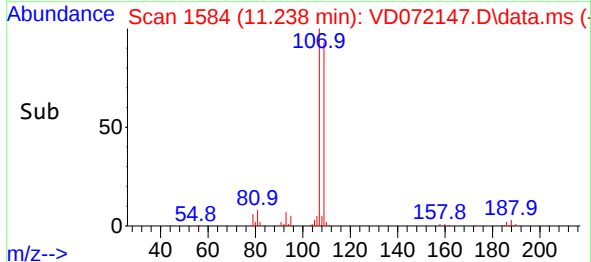
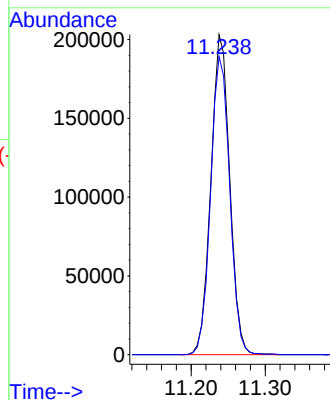
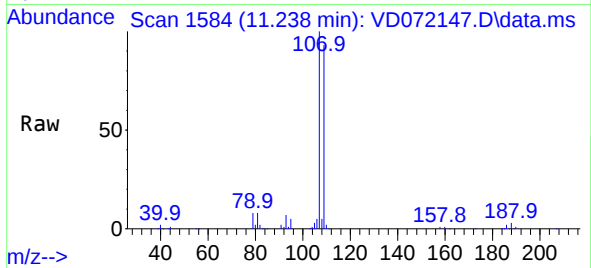




#61
1,2-Dibromoethane
Concen: 102.402 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

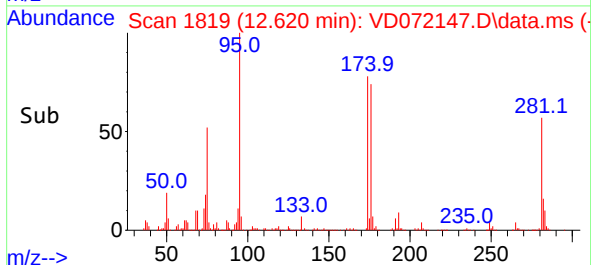
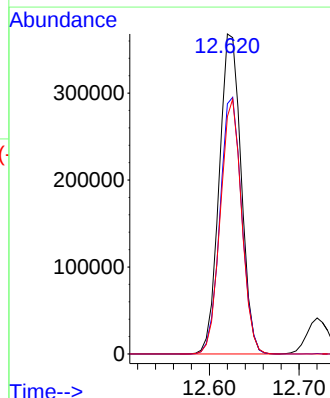
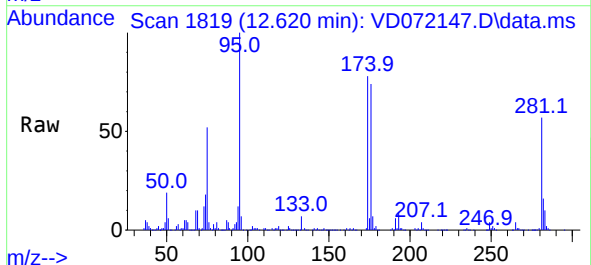
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

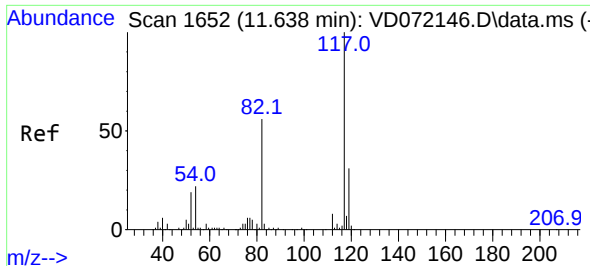
Tgt Ion:107 Resp: 358428
Ion Ratio Lower Upper
107 100
109 94.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 106.874 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 95 Resp: 624174
Ion Ratio Lower Upper
95 100
174 79.2 0.0 152.8
176 77.0 0.0 145.4

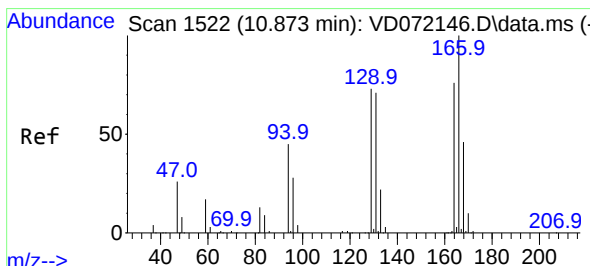
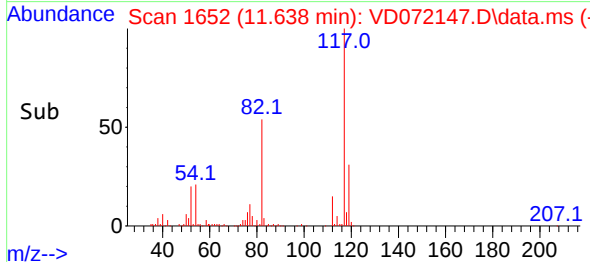
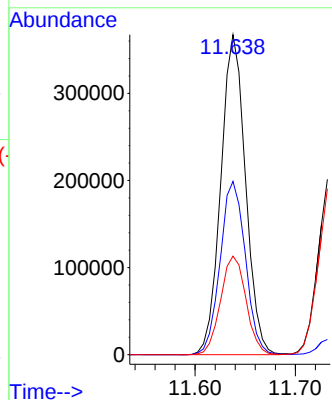
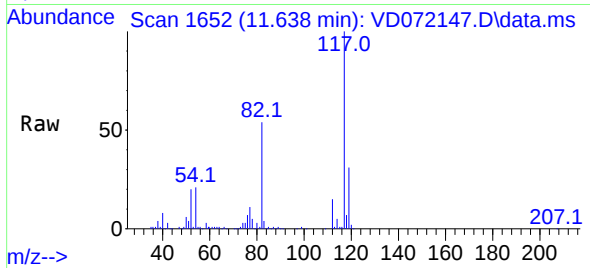




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

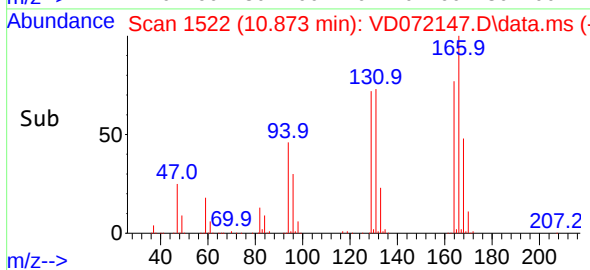
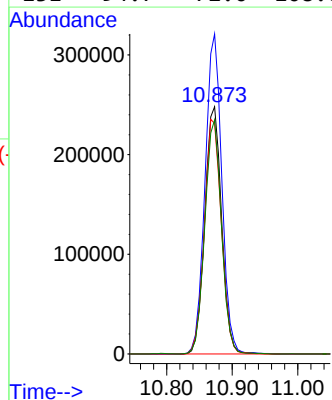
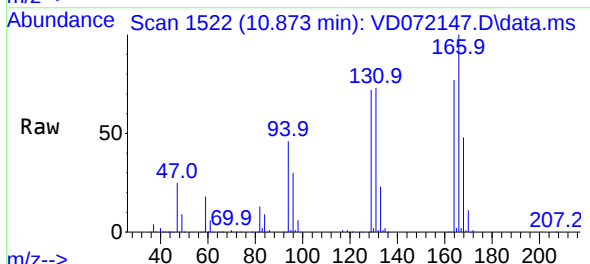
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

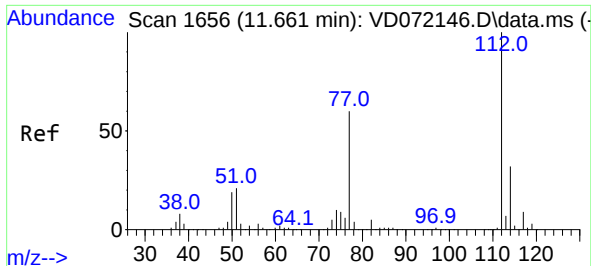
Tgt Ion:117 Resp: 628139
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 30.8 26.6 40.0



#64
Tetrachloroethene
Concen: 99.070 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion:164 Resp: 444729
Ion Ratio Lower Upper
164 100
166 129.4 98.5 147.7
129 93.3 74.6 111.8
131 94.7 72.0 108.0

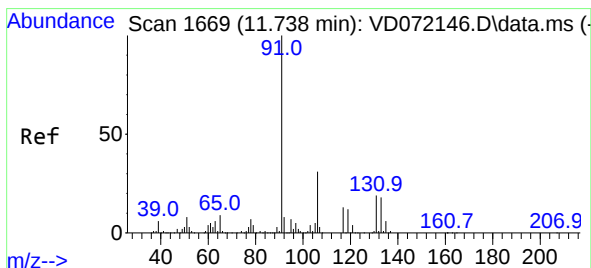
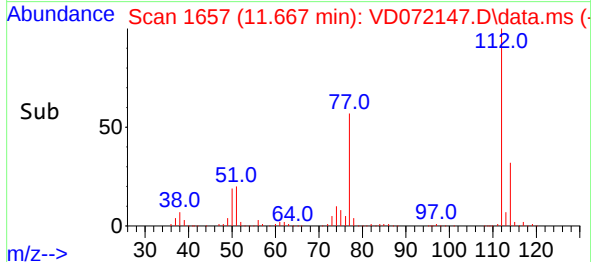
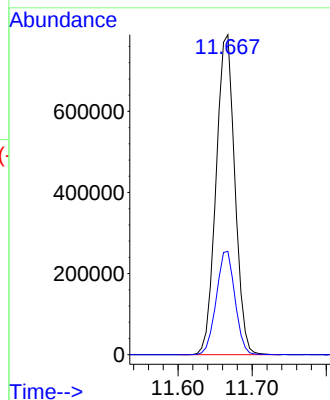
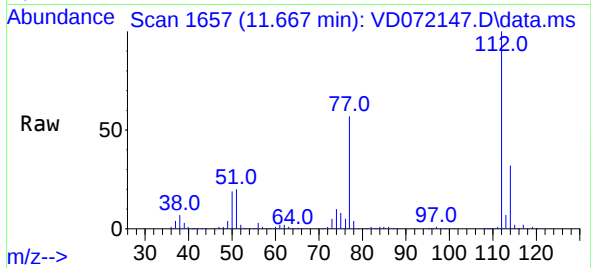




#65
Chlorobenzene
Concen: 103.050 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

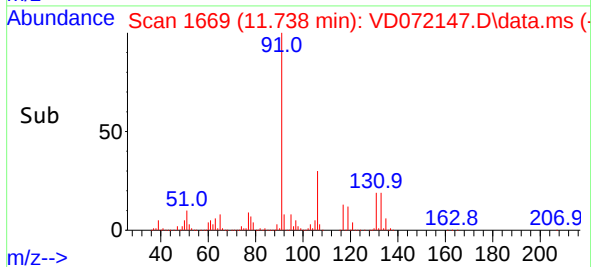
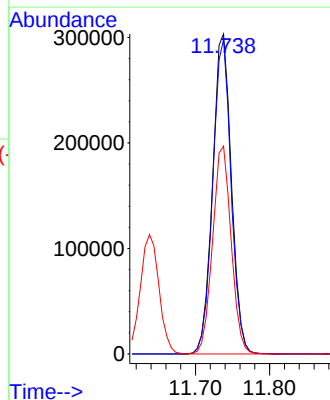
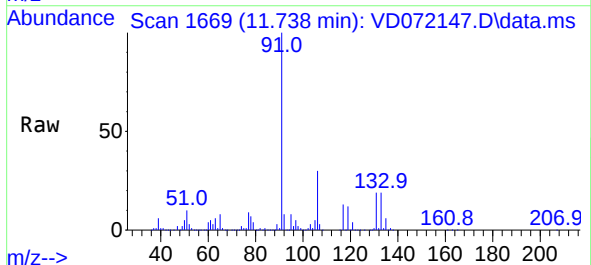
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

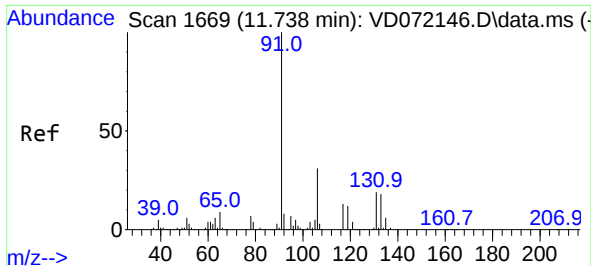
Tgt Ion:112 Resp: 1387211
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 107.557 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion:131 Resp: 532364
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.3
119 64.5 31.9 95.9

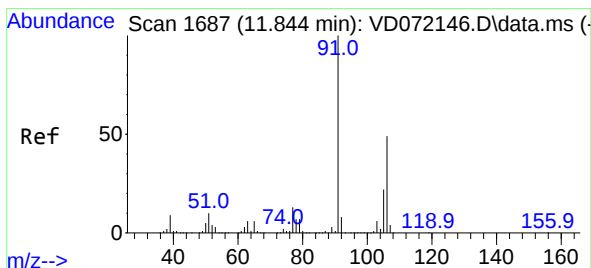
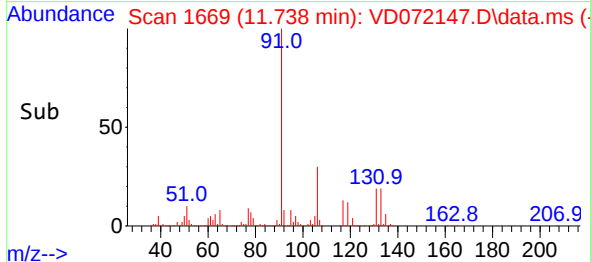
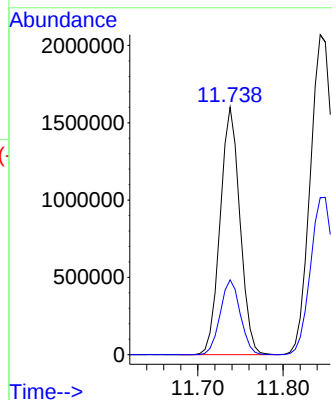
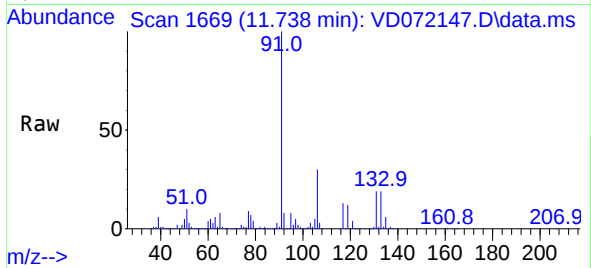




#67
Ethyl Benzene
Concen: 104.715 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

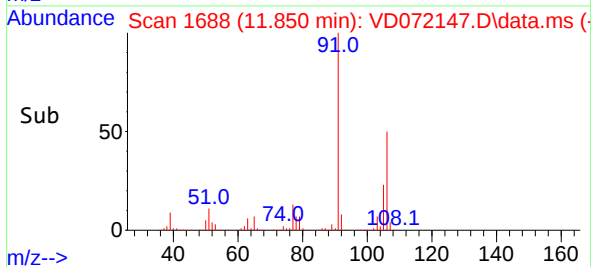
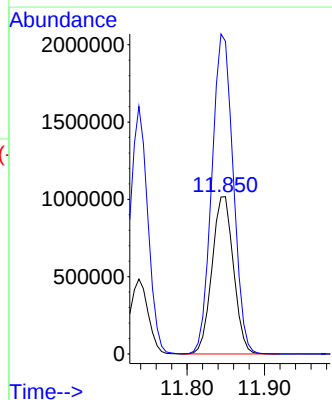
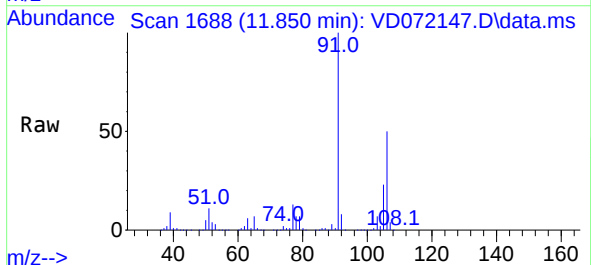
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

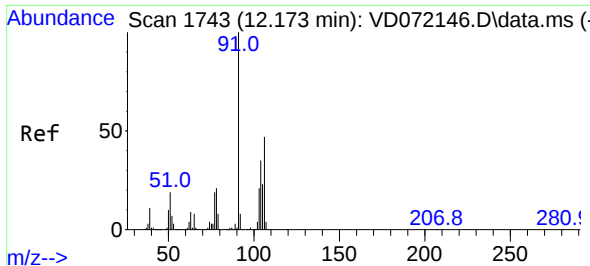
Tgt Ion: 91 Resp: 2579170
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4



#68
m/p-Xylenes
Concen: 209.172 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion:106 Resp: 1959638
Ion Ratio Lower Upper
106 100
91 202.7 163.7 245.5

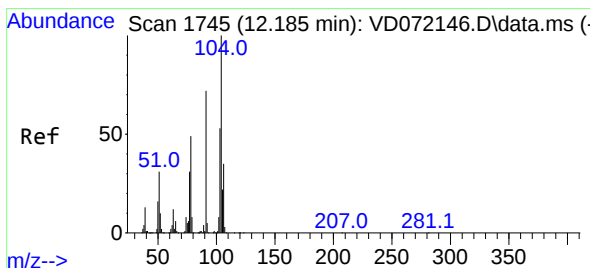
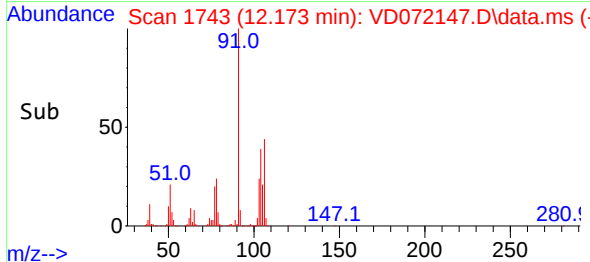
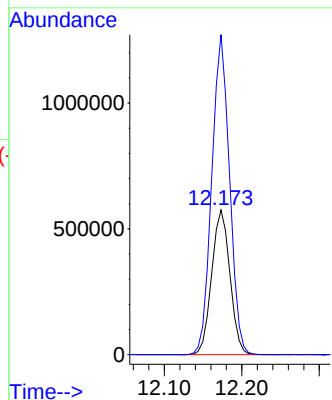
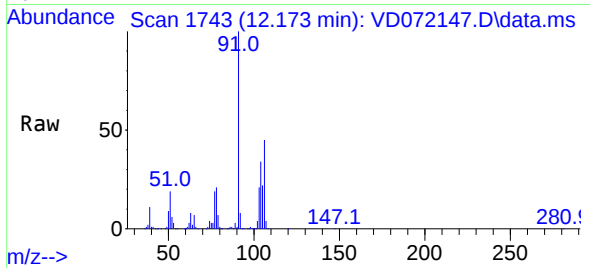




#69
o-Xylene
Concen: 109.393 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

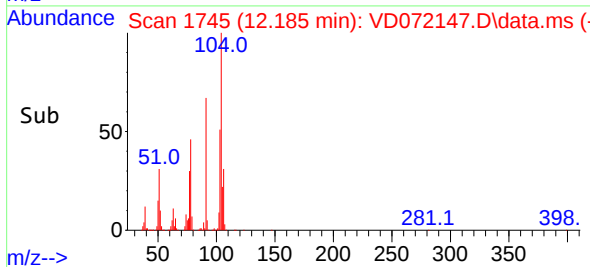
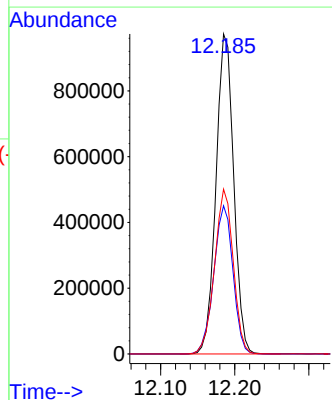
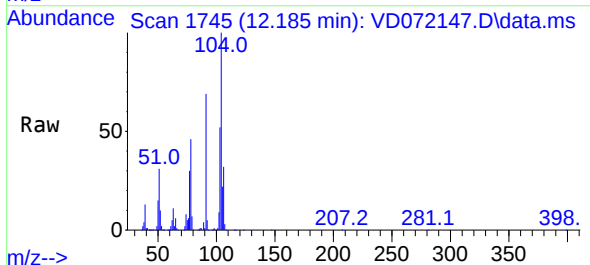
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

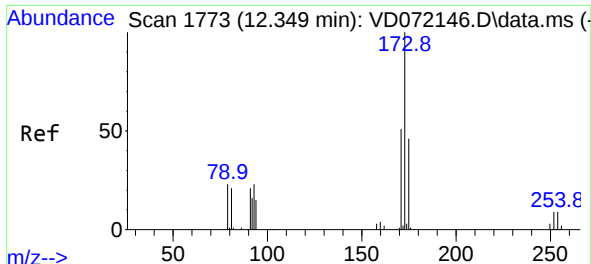
Tgt Ion:106 Resp: 939016
Ion Ratio Lower Upper
106 100
91 216.1 110.4 331.2



#70
Styrene
Concen: 109.569 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion:104 Resp: 1614838
Ion Ratio Lower Upper
104 100
78 50.1 41.8 62.8
103 54.4 44.2 66.4

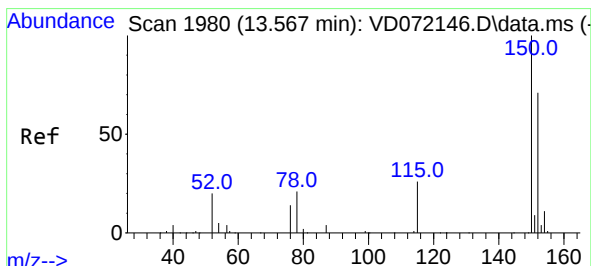
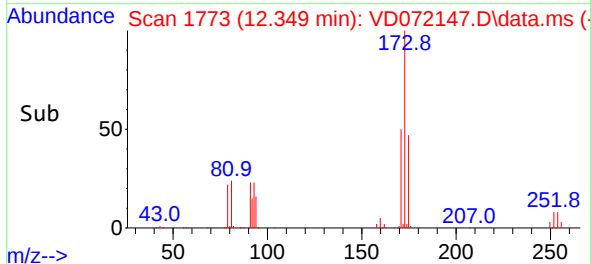
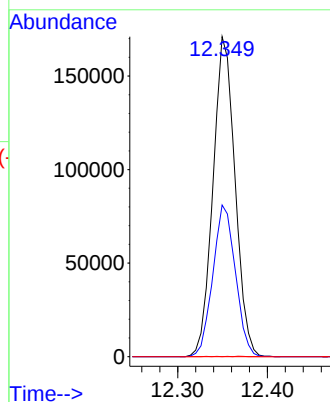
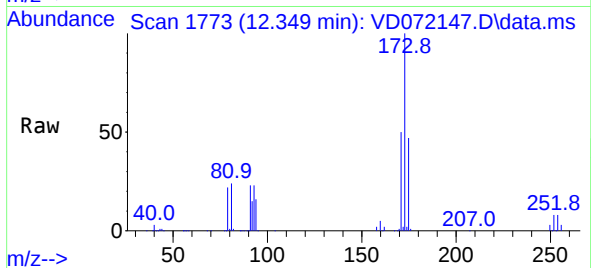




#71
Bromoform
Concen: 111.476 ug/l
RT: 12.349 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

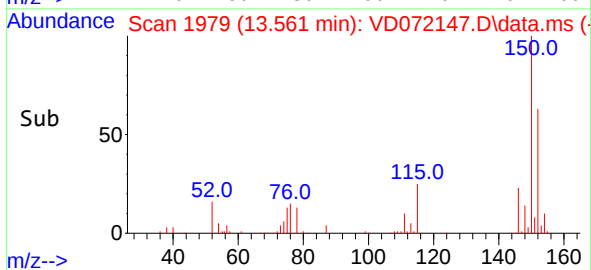
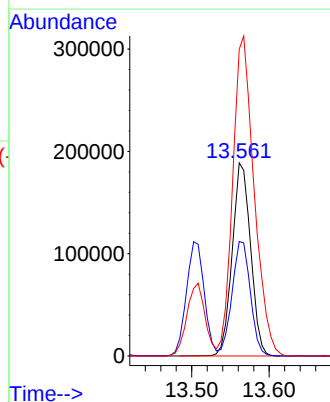
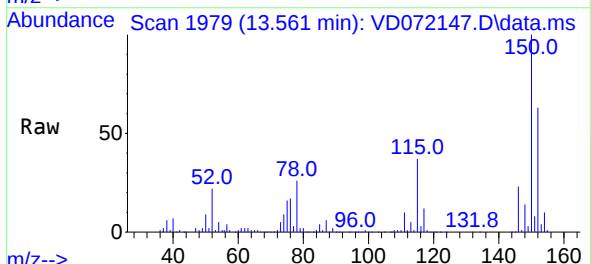
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

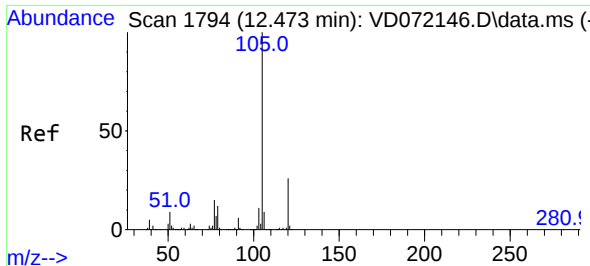
Tgt Ion:173 Resp: 292216
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.8
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion:152 Resp: 312363
Ion Ratio Lower Upper
152 100
115 59.3 31.3 93.8
150 192.3 0.0 348.6

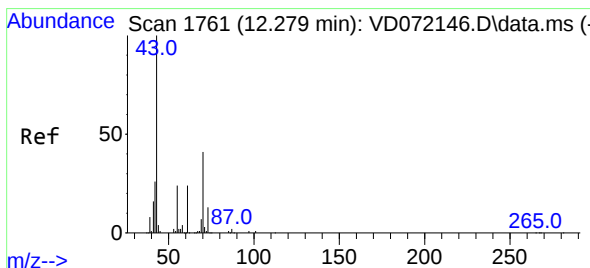
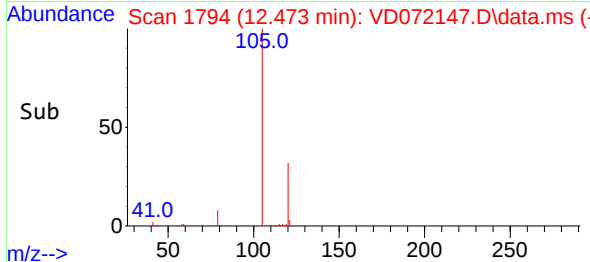
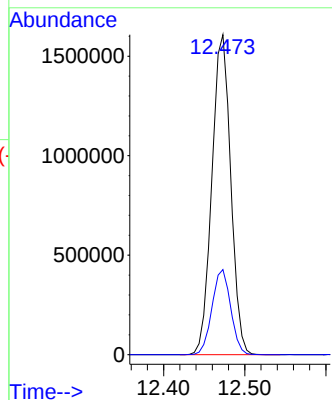
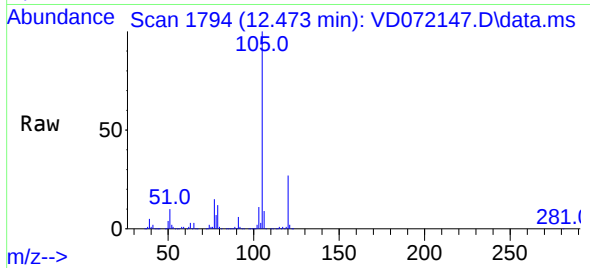




#73
Isopropylbenzene
Concen: 106.177 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

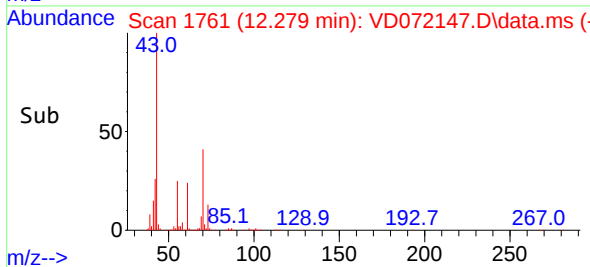
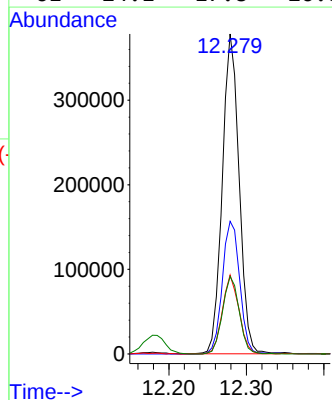
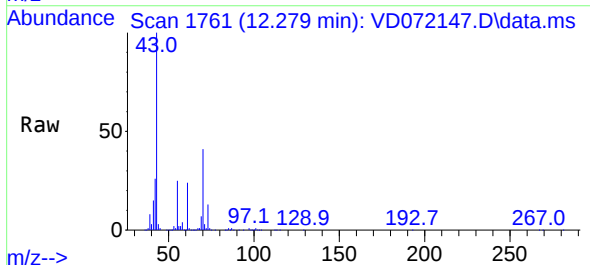
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

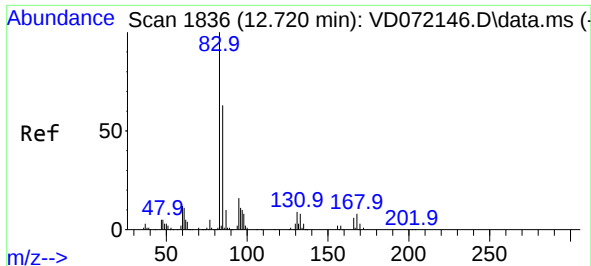
Tgt Ion:105 Resp: 2592901
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9



#74
N-ethyl acetate
Concen: 98.971 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 43 Resp: 569824
Ion Ratio Lower Upper
43 100
70 42.8 31.3 46.9
55 24.5 20.0 30.0
61 24.1 17.8 26.8

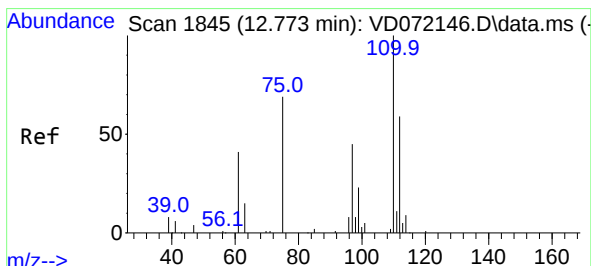
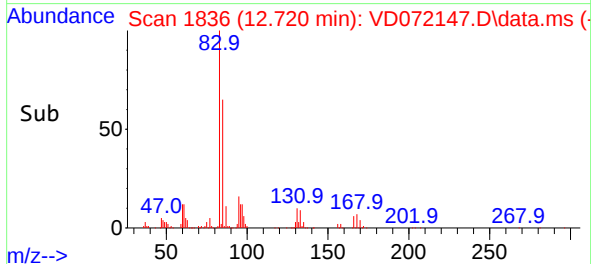
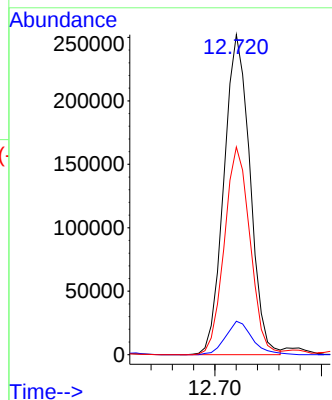
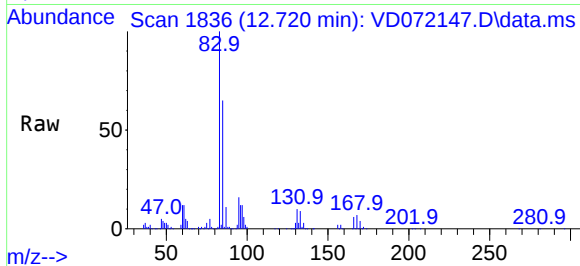




#75
1,1,2,2-Tetrachloroethane
Concen: 96.418 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

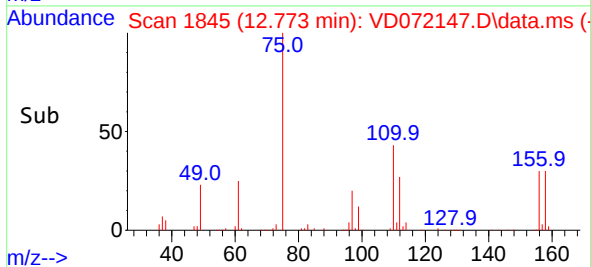
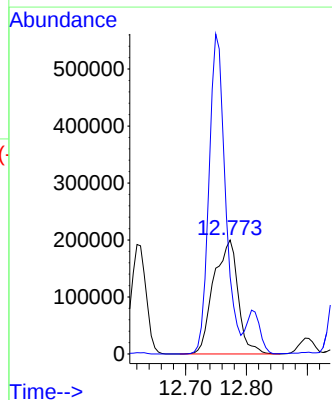
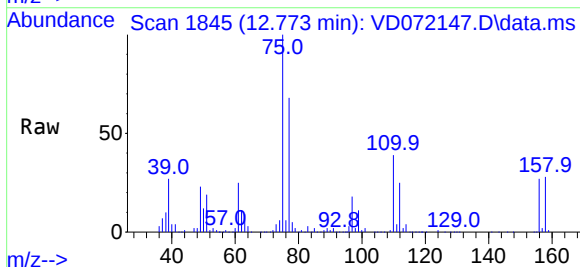
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

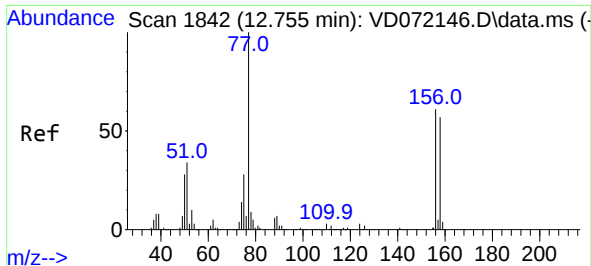
Tgt Ion: 83 Resp: 427204
Ion Ratio Lower Upper
83 100
131 10.7 5.0 14.9
85 64.0 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 168.533 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 75 Resp: 556985
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

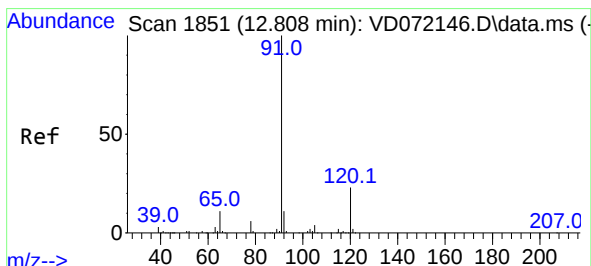
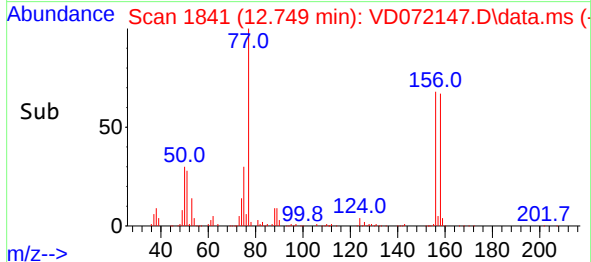
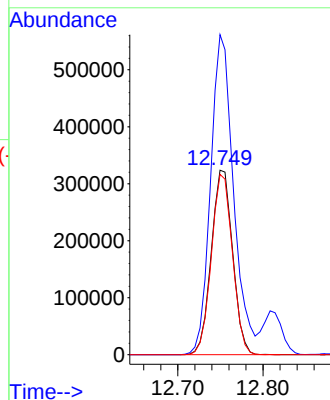
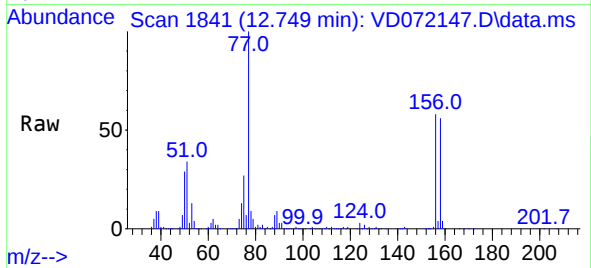




#77
Bromobenzene
Concen: 104.168 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

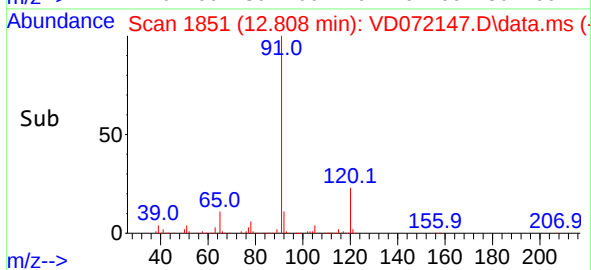
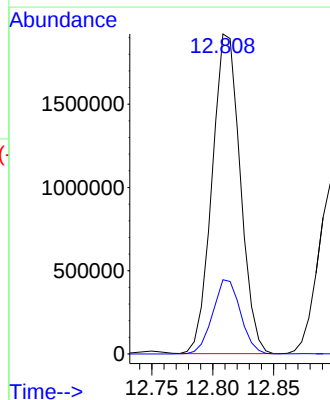
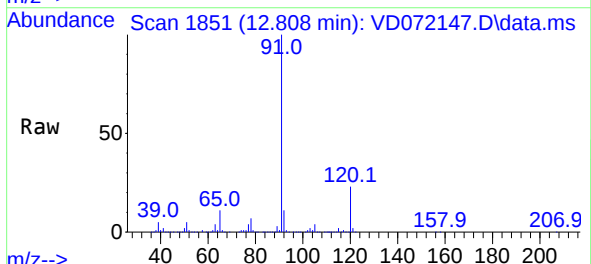
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

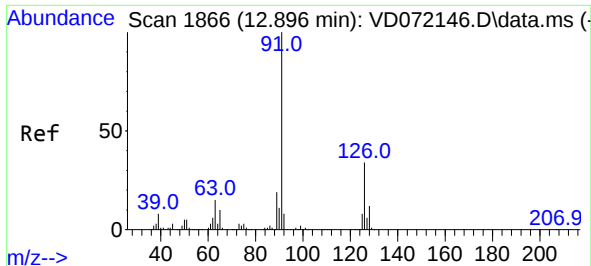
Tgt Ion:156 Resp: 563779
Ion Ratio Lower Upper
156 100
77 186.1 102.8 308.3
158 96.7 48.7 146.1



#78
n-propylbenzene
Concen: 101.655 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 91 Resp: 3087860
Ion Ratio Lower Upper
91 100
120 23.0 10.9 32.9

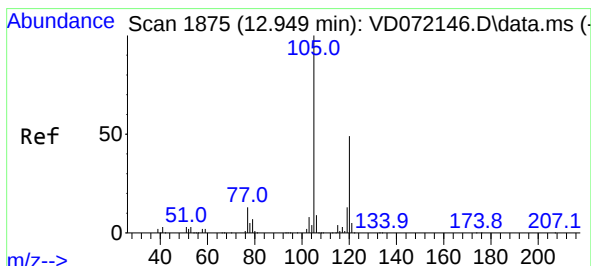
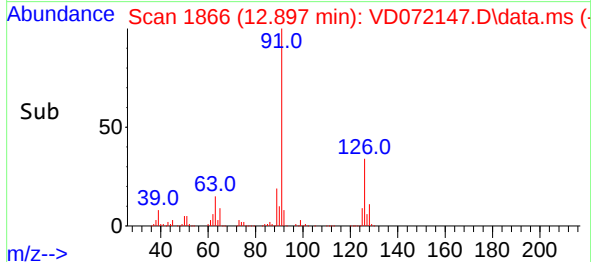
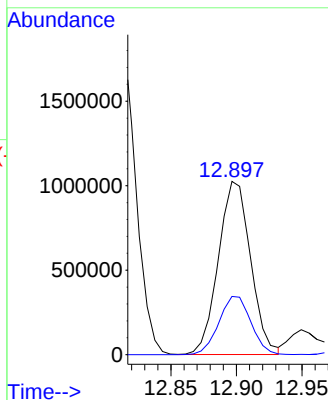
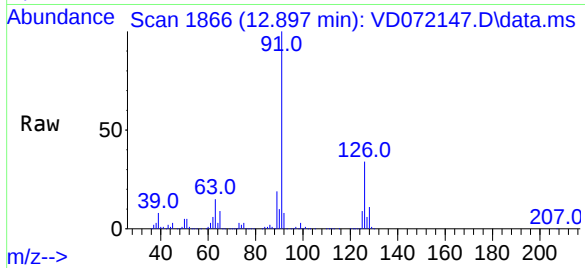




#79
2-Chlorotoluene
Concen: 101.975 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

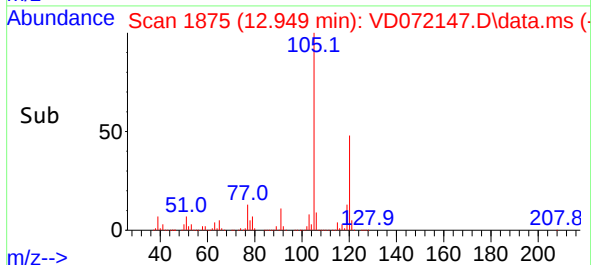
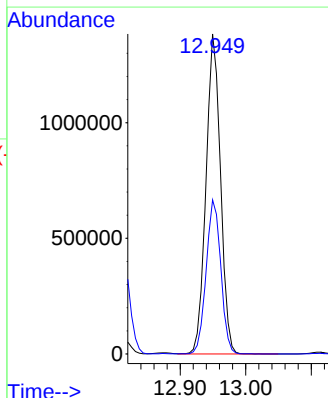
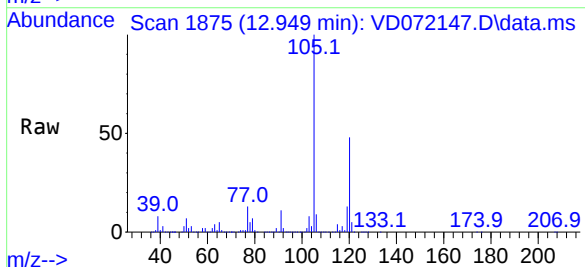
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

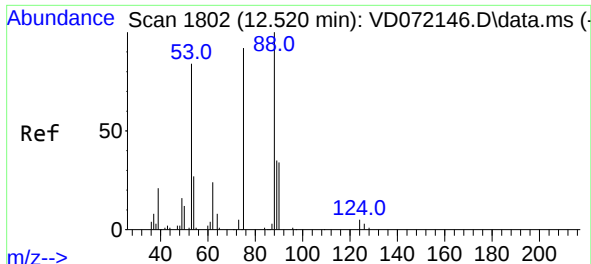
Tgt Ion: 91 Resp: 1754083
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 105.375 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion:105 Resp: 2131710
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

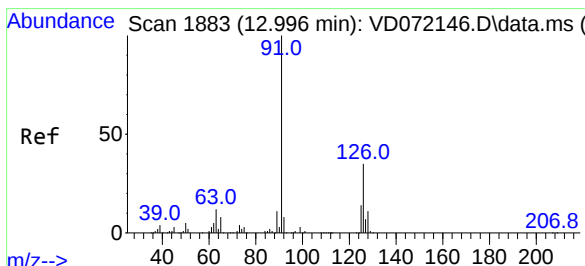
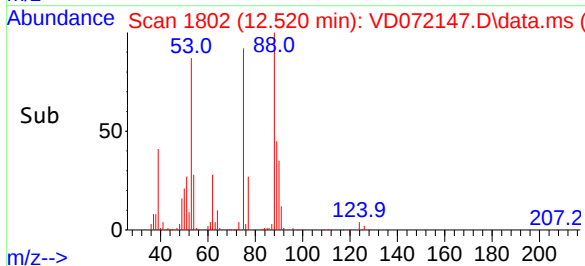
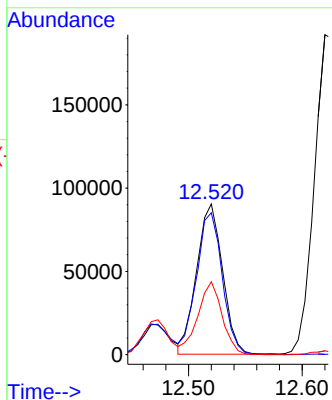
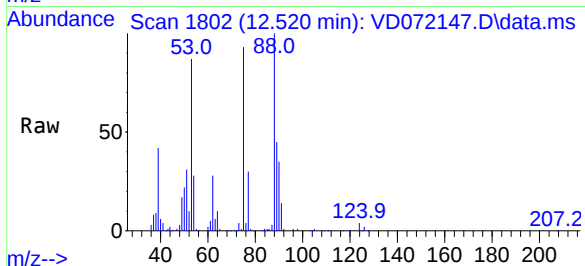




#81
trans-1,4-Dichloro-2-butene
Concen: 107.529 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

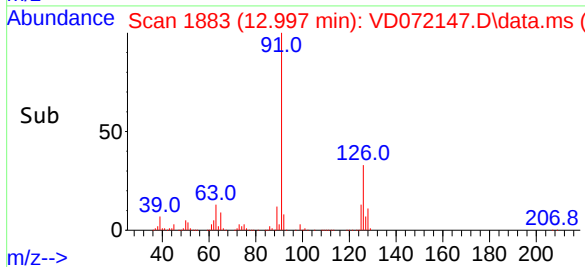
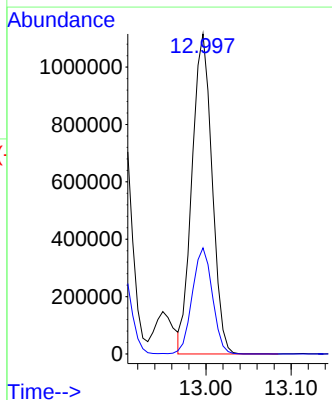
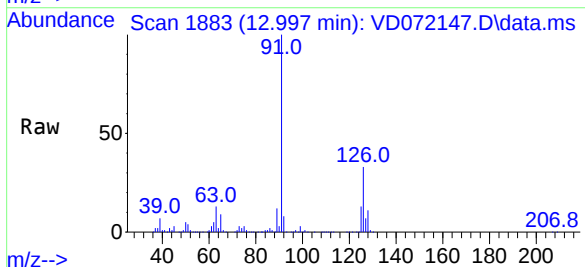
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

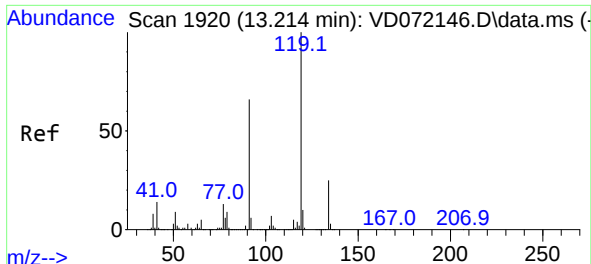
Tgt Ion: 75 Resp: 143207
Ion Ratio Lower Upper
75 100
53 94.8 86.5 129.7
89 45.9 33.9 50.9



#82
4-Chlorotoluene
Concen: 101.136 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 91 Resp: 1812208
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5





#83

tert-Butylbenzene

Concen: 111.047 ug/l

RT: 13.214 min Scan# 1920

Delta R.T. 0.000 min

Lab File: VD072147.D

Acq: 11 Mar 2022 13:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

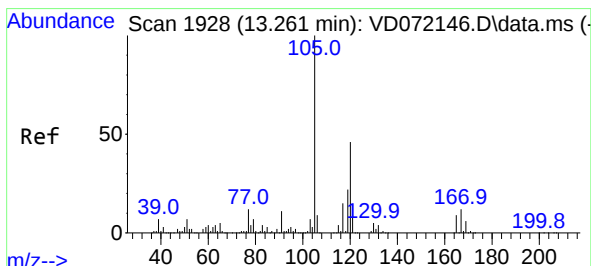
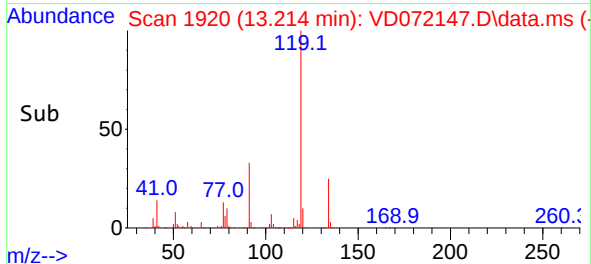
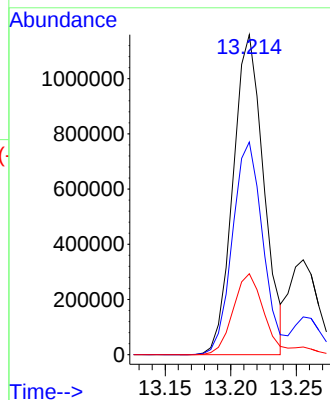
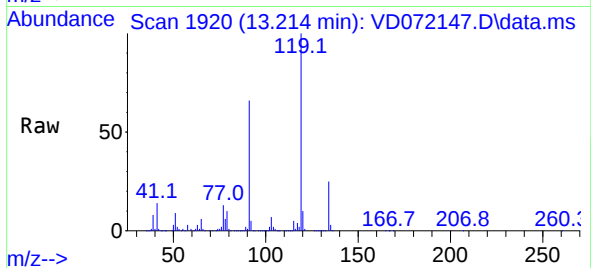
Tgt Ion:119 Resp: 1884785

Ion Ratio Lower Upper

119 100

91 66.6 34.8 104.5

134 26.9 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 105.389 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.006 min

Lab File: VD072147.D

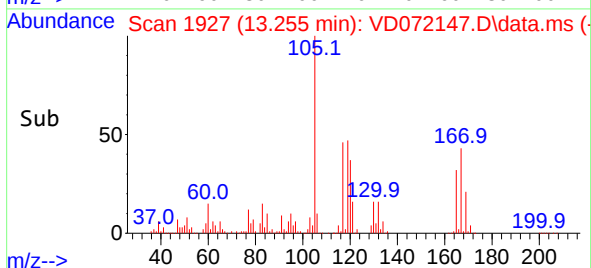
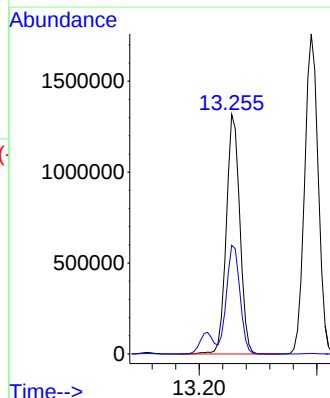
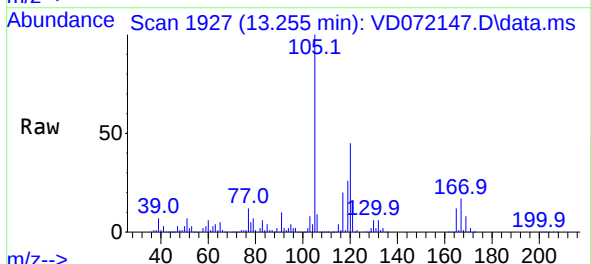
Acq: 11 Mar 2022 13:04

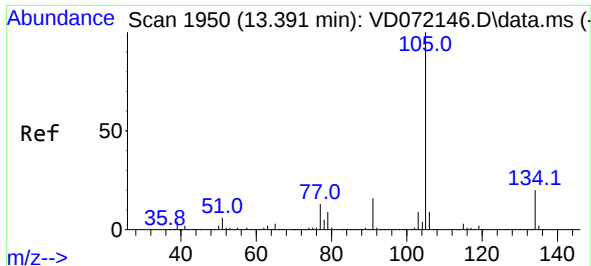
Tgt Ion:105 Resp: 2093642

Ion Ratio Lower Upper

105 100

120 45.2 22.3 66.8

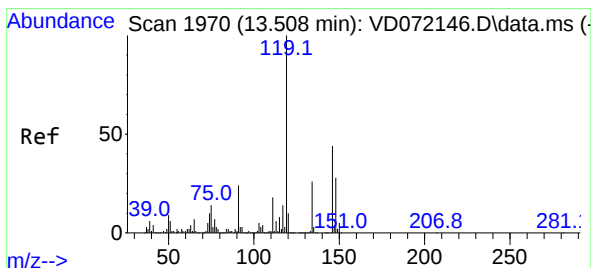
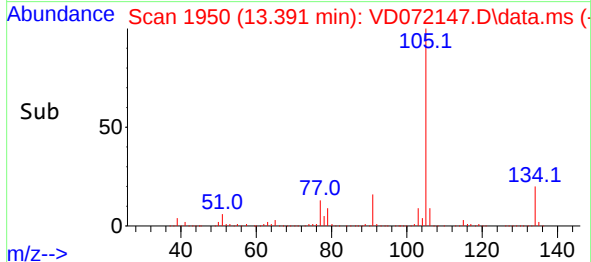
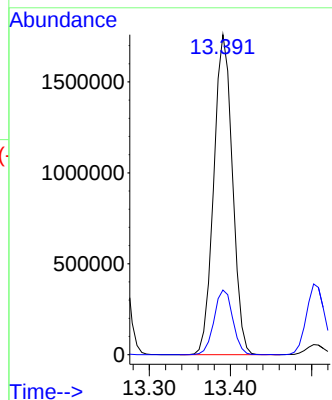
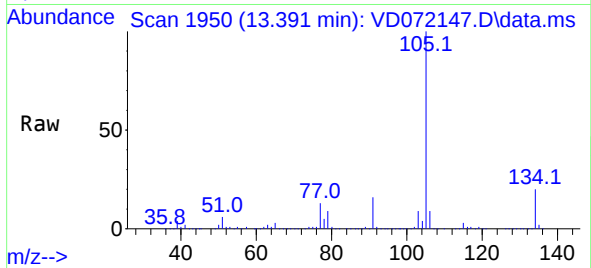




#85
 sec-Butylbenzene
 Concen: 106.340 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072147.D
 Acq: 11 Mar 2022 13:04

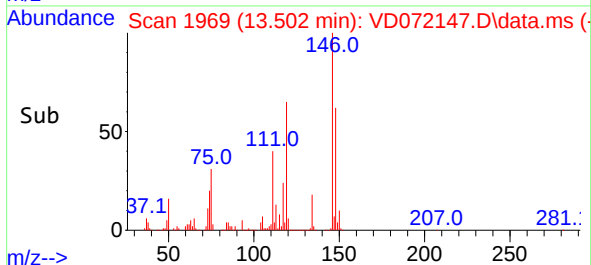
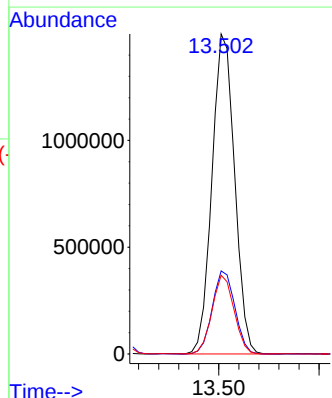
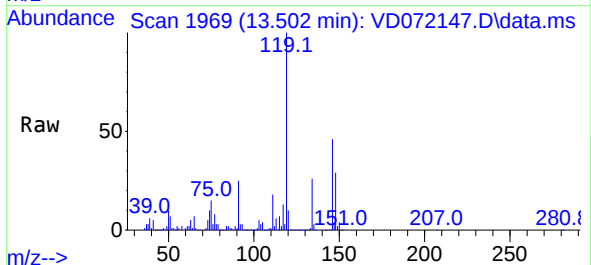
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

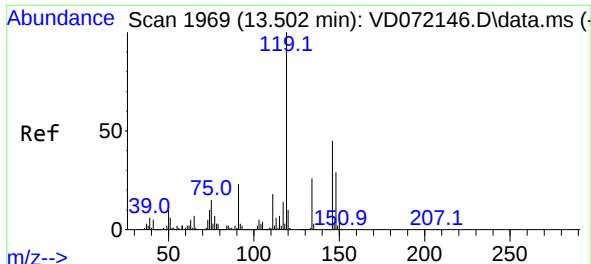
Tgt Ion:105 Resp: 2812229
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 109.217 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072147.D
 Acq: 11 Mar 2022 13:04

Tgt Ion:119 Resp: 2346742
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 23.9 12.1 36.3

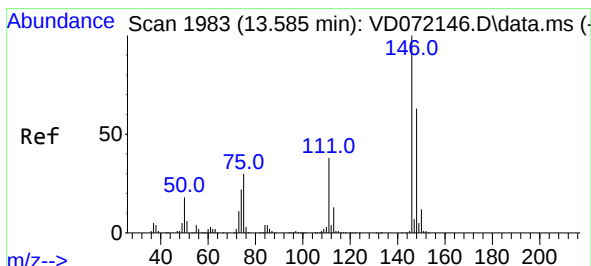
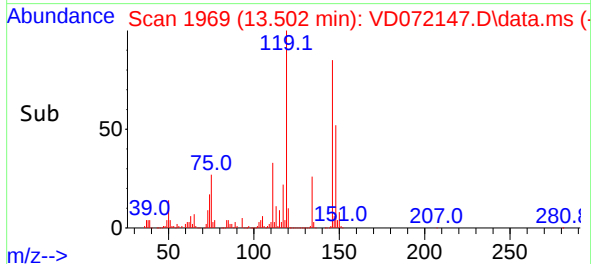
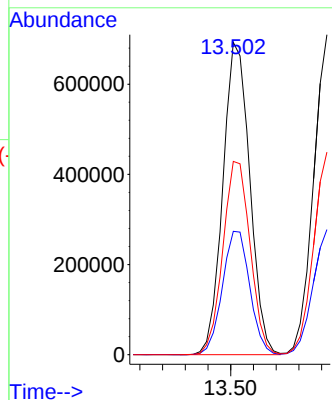
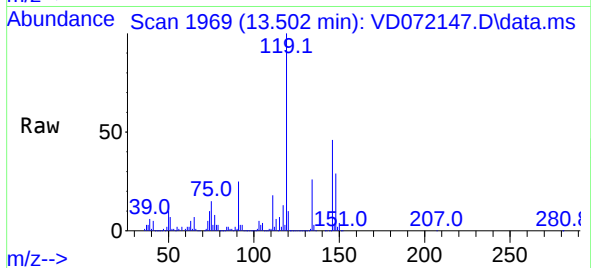




#87
1,3-Dichlorobenzene
Concen: 103.279 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

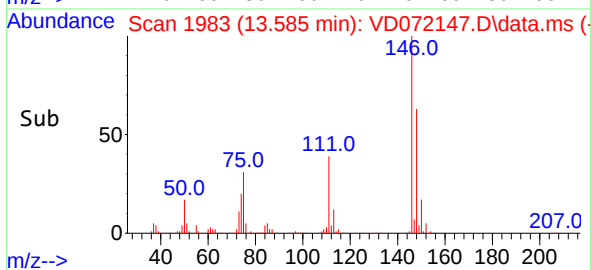
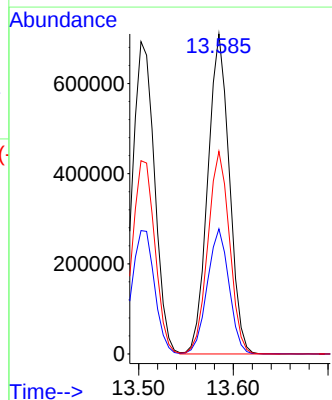
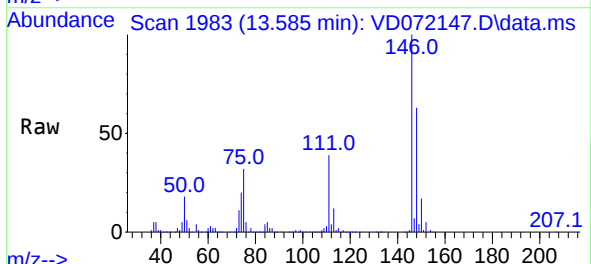
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

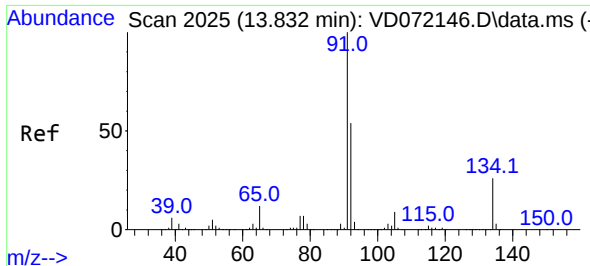
Tgt Ion:146 Resp: 1138686
Ion Ratio Lower Upper
146 100
111 40.2 20.4 61.3
148 62.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 101.880 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion:146 Resp: 1121770
Ion Ratio Lower Upper
146 100
111 39.5 20.3 60.9
148 63.8 31.7 95.1

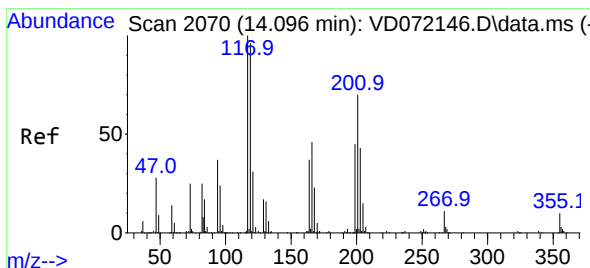
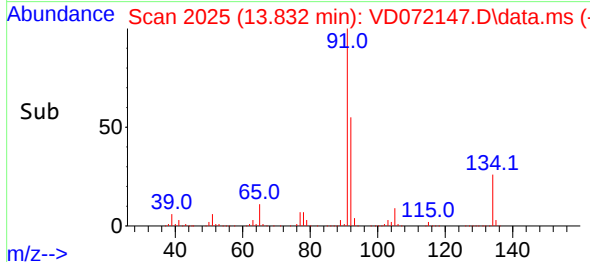
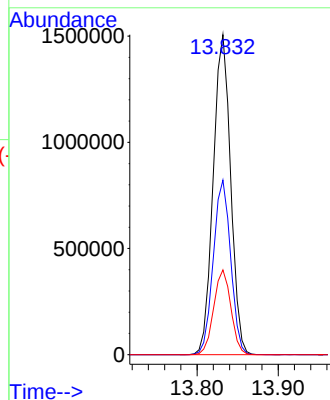
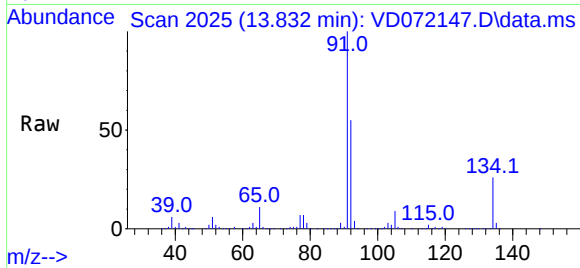




#89
n-Butylbenzene
Concen: 106.694 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

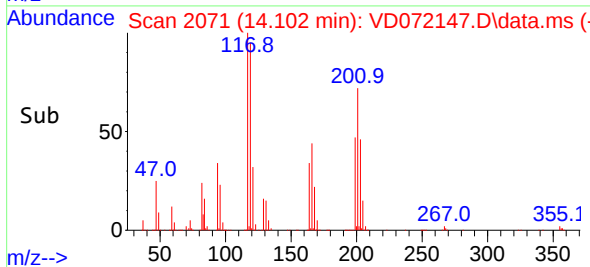
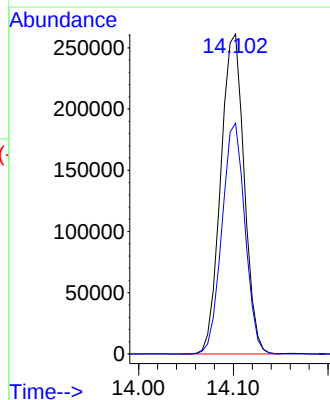
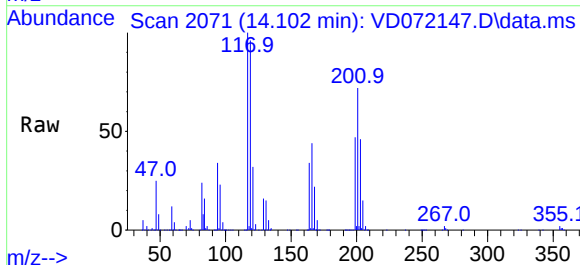
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

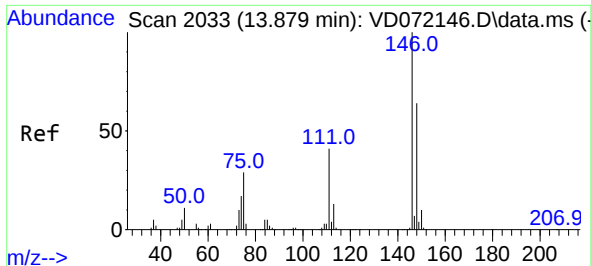
Tgt Ion: 91 Resp: 2248399
Ion Ratio Lower Upper
91 100
92 54.3 26.6 79.8
134 26.1 12.3 36.9



#90
Hexachloroethane
Concen: 105.510 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 117 Resp: 449588
Ion Ratio Lower Upper
117 100
201 70.8 33.4 100.2

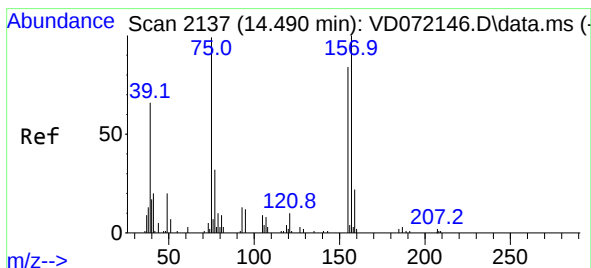
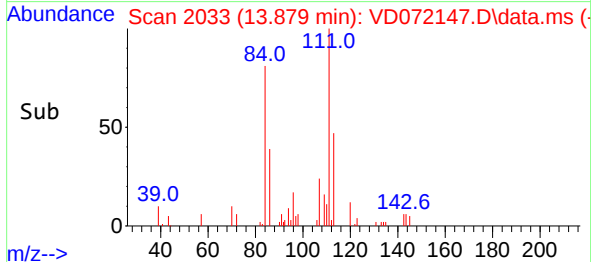
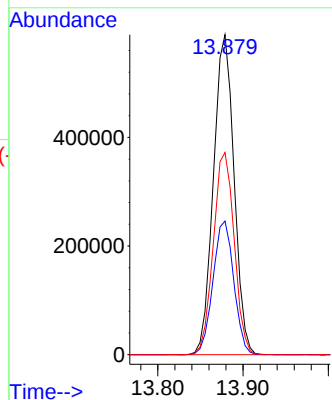
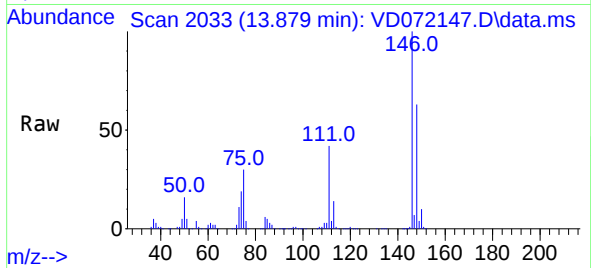




#91
1,2-Dichlorobenzene
Concen: 104.986 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

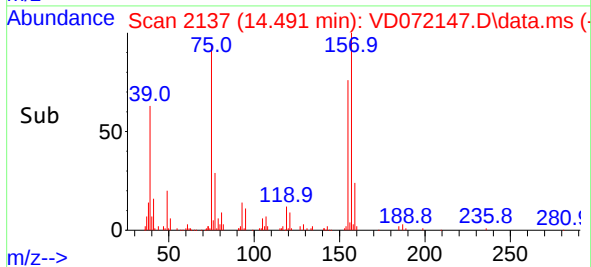
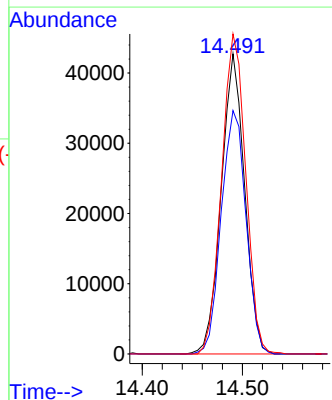
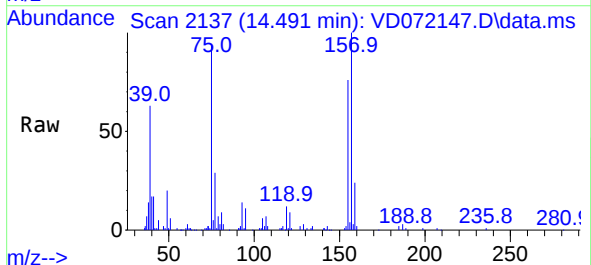
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

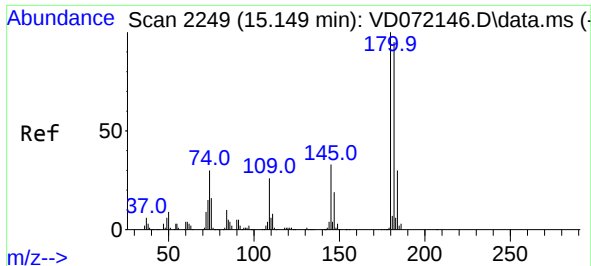
Tgt Ion:146 Resp: 990221
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.3
148 64.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 94.565 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion: 75 Resp: 69024
Ion Ratio Lower Upper
75 100
155 85.7 36.8 110.3
157 110.2 48.4 145.0

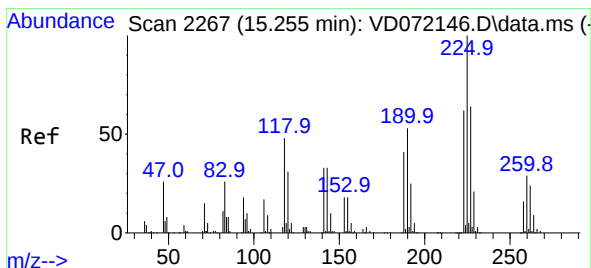
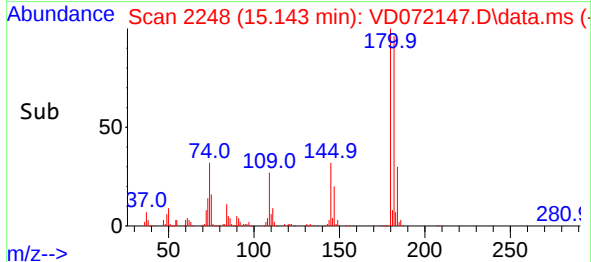
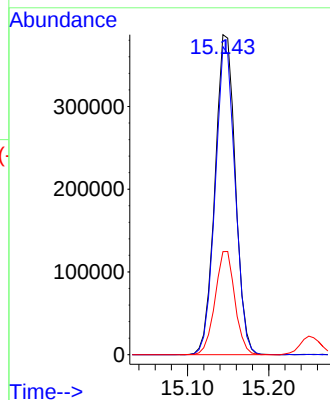
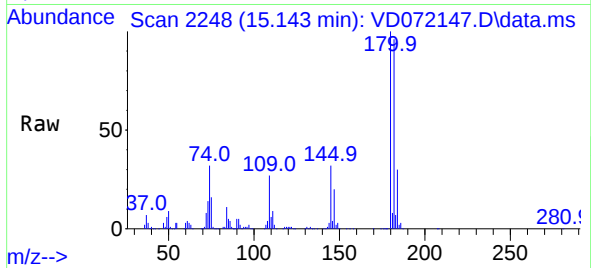




#93
1,2,4-Trichlorobenzene
Concen: 119.013 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

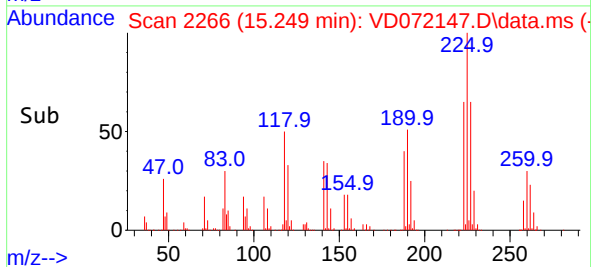
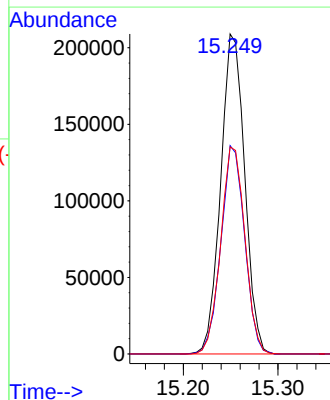
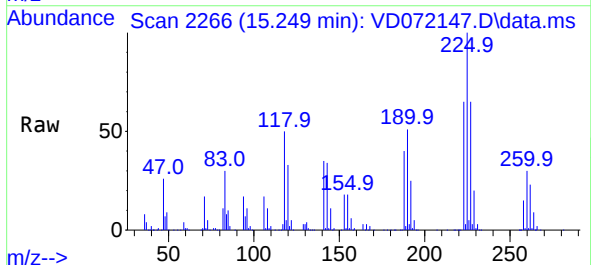
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 673068
Ion Ratio Lower Upper
180 100
182 94.6 47.3 142.0
145 31.5 16.2 48.5



#94
Hexachlorobutadiene
Concen: 116.629 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion:225 Resp: 368017
Ion Ratio Lower Upper
225 100
223 64.2 31.1 93.2
227 65.3 32.4 97.0

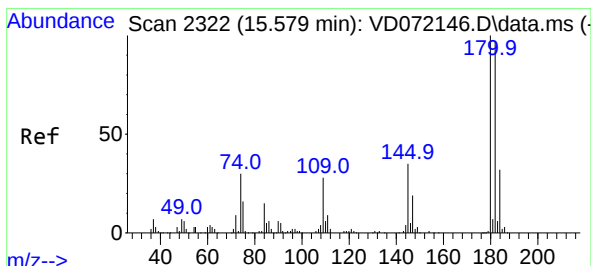
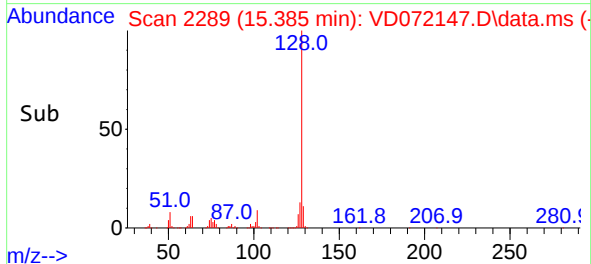
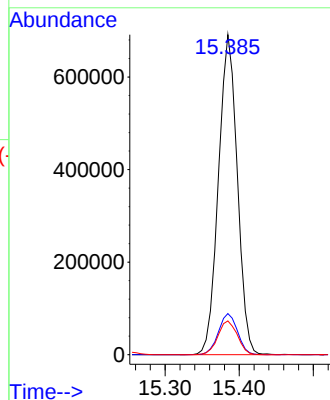
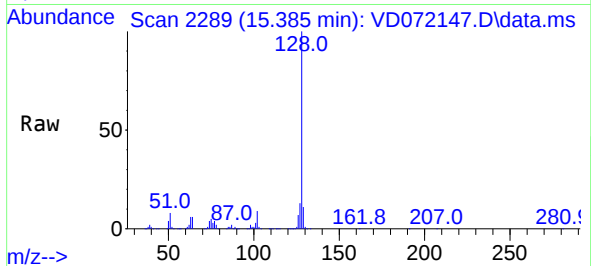




#95
Naphthalene
Concen: 122.233 ug/l
RT: 15.385 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1222601
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 120.439 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072147.D
Acq: 11 Mar 2022 13:04

Tgt Ion:180 Resp: 581476
Ion Ratio Lower Upper
180 100
182 93.3 47.6 142.9
145 32.8 17.1 51.3

