

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072183.D
 Acq On : 15 Mar 2022 12:31
 Operator : VA/SY
 Sample : VD0315SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS02

Quant Time: Mar 15 17:44:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	370690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	599872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	557847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	294507	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	216210	52.337	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.680%	
35) Dibromofluoromethane	7.914	113	214391	50.787	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.580%	
50) Toluene-d8	10.332	98	797586	51.673	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.340%	
62) 4-Bromofluorobenzene	12.620	95	294576	49.117	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.240%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	61140	17.832	ug/l	94
3) Chloromethane	2.209	50	49579	16.273	ug/l	97
4) Vinyl Chloride	2.350	62	49872	16.958	ug/l	100
5) Bromomethane	2.756	94	33719	17.607	ug/l	95
6) Chloroethane	2.921	64	34101	17.538	ug/l	100
7) Trichlorofluoromethane	3.273	101	119682	18.020	ug/l	98
8) Diethyl Ether	3.715	74	32555	17.748	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.085	101	77269	18.246	ug/l	95
10) Methyl Iodide	4.303	142	49768	14.760	ug/l	99
11) Tert butyl alcohol	5.220	59	21772	90.895	ug/l	98
12) 1,1-Dichloroethene	4.068	96	57928	17.003	ug/l	87
13) Acrolein	3.921	56	19620	91.796	ug/l	100
14) Allyl chloride	4.715	41	103652	17.401	ug/l	96
15) Acrylonitrile	5.420	53	88896	96.048	ug/l	99
16) Acetone	4.150	43	83867	93.502	ug/l	95
17) Carbon Disulfide	4.409	76	96760	13.312	ug/l #	95
18) Methyl Acetate	4.720	43	49012	22.298	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	169794	18.336	ug/l	99
20) Methylene Chloride	4.962	84	78103	12.815	ug/l	88
21) trans-1,2-Dichloroethene	5.473	96	62963	16.709	ug/l	92
22) Diisopropyl ether	6.362	45	262910	19.351	ug/l #	93
23) Vinyl Acetate	6.303	43	628369	90.622	ug/l #	95
24) 1,1-Dichloroethane	6.267	63	150959	18.840	ug/l	99
25) 2-Butanone	7.209	43	114161	95.459	ug/l	95
26) 2,2-Dichloropropane	7.203	77	128962	17.838	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	88724	18.442	ug/l	94
28) Bromochloromethane	7.544	49	59989	18.597	ug/l	84
29) Tetrahydrofuran	7.561	42	64947	92.357	ug/l	95
30) Chloroform	7.703	83	167948	19.675	ug/l	98
31) Cyclohexane	7.979	56	102963	15.953	ug/l	86
32) 1,1,1-Trichloroethane	7.903	97	138135	18.220	ug/l	98
36) 1,1-Dichloropropene	8.108	75	101321	17.109	ug/l	98
37) Ethyl Acetate	7.291	43	48456	18.679	ug/l #	94
38) Carbon Tetrachloride	8.091	117	121665	18.074	ug/l	96
39) Methylcyclohexane	9.350	83	105464	15.826	ug/l	99
40) Benzene	8.350	78	300983	17.815	ug/l	96

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Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS02

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	31294	20.697	ug/l	95
42) 1,2-Dichloroethane	8.420	62	96352	18.800	ug/l	96
43) Isopropyl Acetate	8.450	43	94985	18.865	ug/l #	94
44) Trichloroethene	9.114	130	84578	17.832	ug/l	84
45) 1,2-Dichloropropane	9.385	63	87783	18.946	ug/l	98
46) Dibromomethane	9.473	93	44243	19.412	ug/l	96
47) Bromodichloromethane	9.655	83	125561	18.897	ug/l #	95
48) Methyl methacrylate	9.450	41	42845	17.821	ug/l #	84
49) 1,4-Dioxane	9.456	88	11352	415.343	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	256818	97.114	ug/l	95
52) Toluene	10.397	92	199011	17.901	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	113671	18.725	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	130661	18.619	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	68175	19.636	ug/l	97
56) Ethyl methacrylate	10.655	69	73417	18.053	ug/l	90
57) 1,3-Dichloropropane	10.938	76	112948	19.383	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	171767	93.937	ug/l	97
59) 2-Hexanone	10.979	43	179140	98.080	ug/l	98
60) Dibromochloromethane	11.132	129	88399	19.621	ug/l	100
61) 1,2-Dibromoethane	11.238	107	58073	18.510	ug/l	97
64) Tetrachloroethene	10.873	164	68323	17.383	ug/l	89
65) Chlorobenzene	11.667	112	232400	18.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	94287	19.279	ug/l	99
67) Ethyl Benzene	11.738	91	394313	17.852	ug/l	99
68) m/p-Xylenes	11.844	106	303158	36.145	ug/l	100
69) o-Xylene	12.173	106	145937	18.191	ug/l	97
70) Styrene	12.185	104	265732	18.968	ug/l	97
71) Bromoform	12.355	173	52221	19.990	ug/l #	99
73) Isopropylbenzene	12.473	105	412107	17.658	ug/l	100
74) N-amyl acetate	12.279	43	94050	18.752	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	80857	19.372	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	100164	30.832	ug/l #	100
77) Bromobenzene	12.749	156	95892	18.255	ug/l	93
78) n-propylbenzene	12.814	91	511499	18.044	ug/l	98
79) 2-Chlorotoluene	12.896	91	296426	18.084	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	375533	18.730	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	24761	18.911	ug/l	88
82) 4-Chlorotoluene	12.996	91	310359	18.286	ug/l	98
83) tert-Butylbenzene	13.214	119	314813	17.909	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	371306	18.795	ug/l	99
85) sec-Butylbenzene	13.391	105	478949	18.144	ug/l	99
86) p-Isopropyltoluene	13.502	119	402953	18.551	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	207198	18.821	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	203013	18.597	ug/l	98
89) n-Butylbenzene	13.832	91	382743	18.486	ug/l	99
90) Hexachloroethane	14.102	117	80224	18.844	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	182675	19.032	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	12978	19.483	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	117413	18.477	ug/l	98
94) Hexachlorobutadiene	15.249	225	68696	18.584	ug/l	98
95) Naphthalene	15.385	128	194709	17.775	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	102097	18.561	ug/l	99

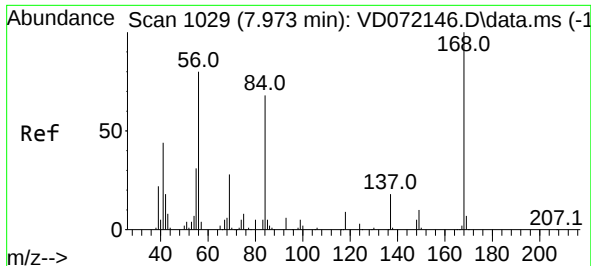
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Data File : VD072183.D
Acq On : 15 Mar 2022 12:31
Operator : VA/SY
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

Quant Time: Mar 15 17:44:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

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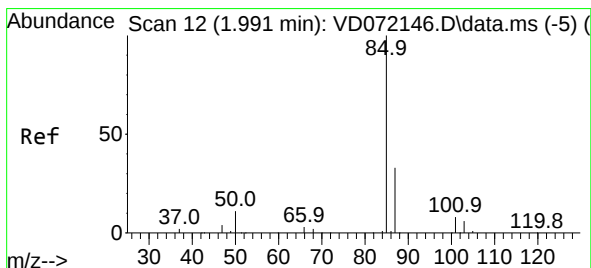
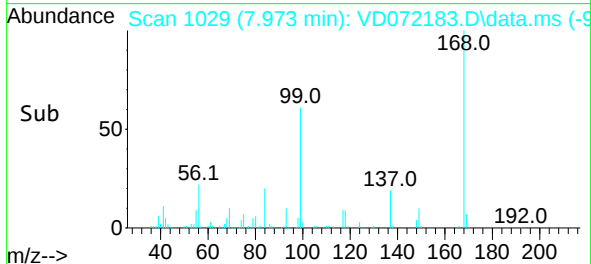
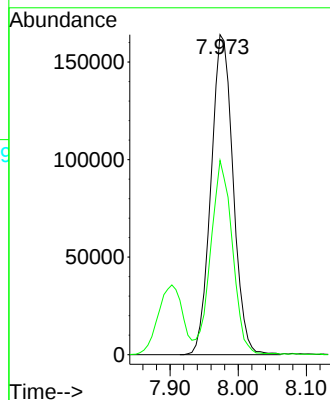
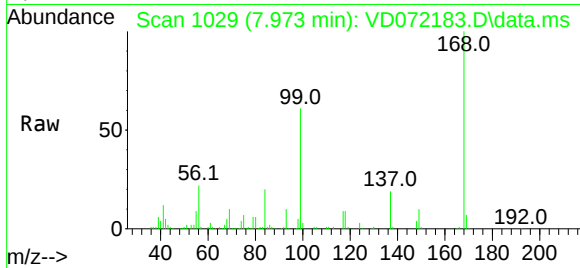
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

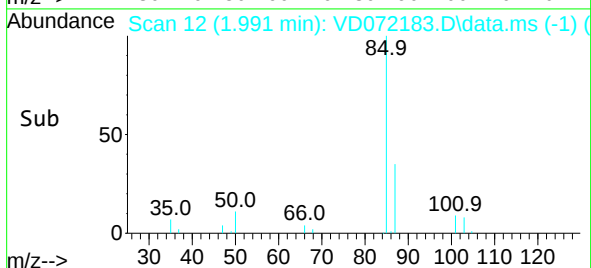
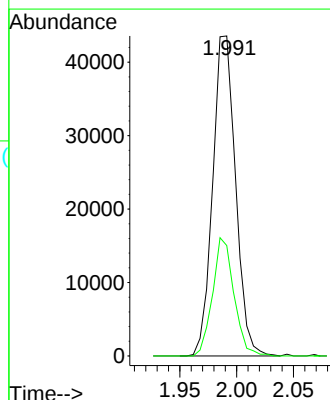
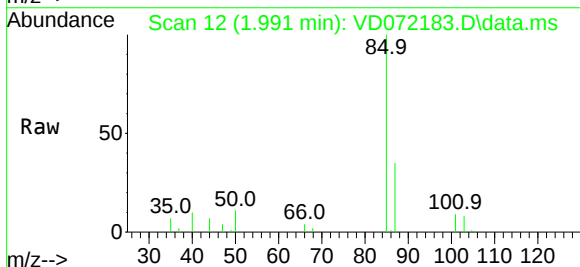
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ClientSampleId :
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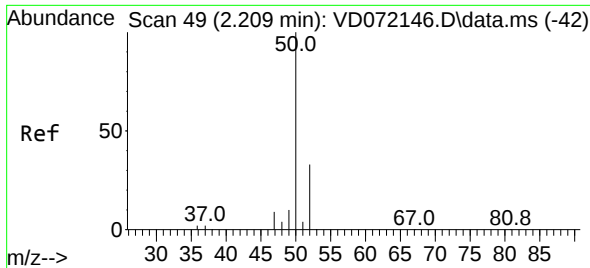
Tgt Ion:168 Resp: 370690
Ion Ratio Lower Upper
168 100
99 60.6 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 17.832 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 85 Resp: 61140
Ion Ratio Lower Upper
85 100
87 34.5 15.7 47.0

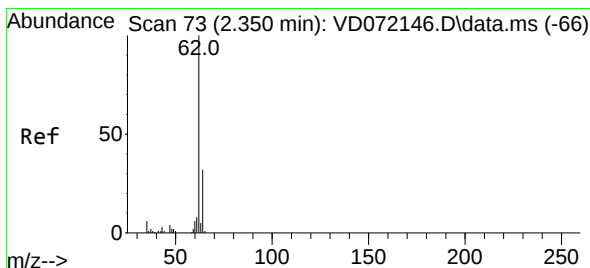
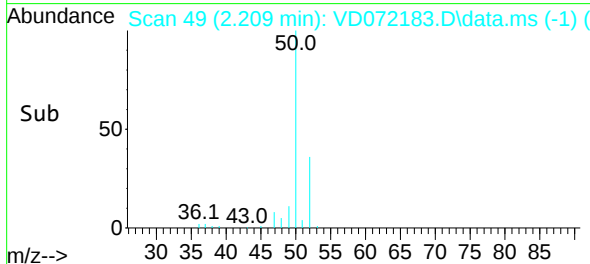
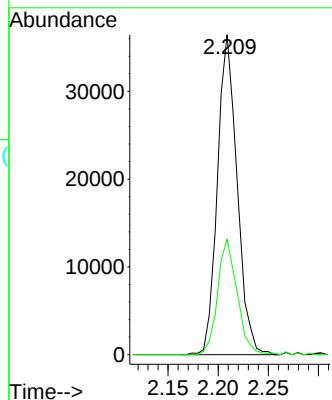
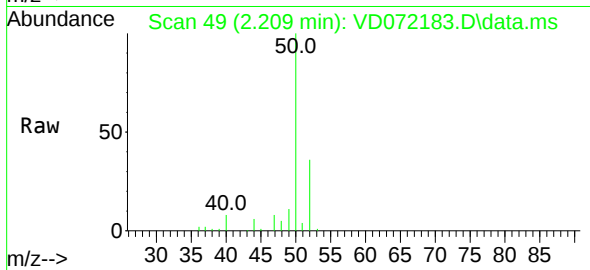




#3
Chloromethane
Concen: 16.273 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

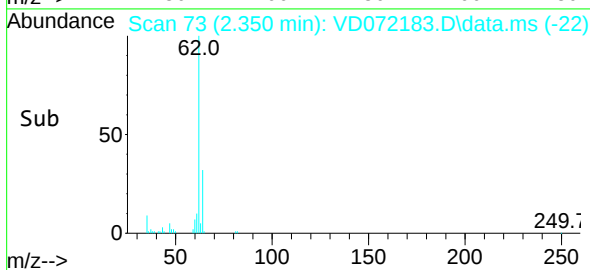
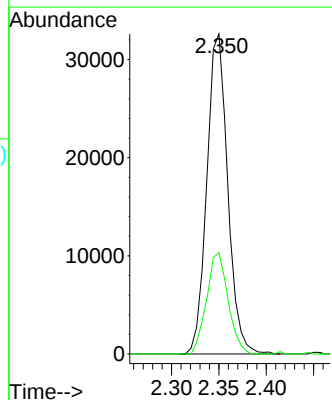
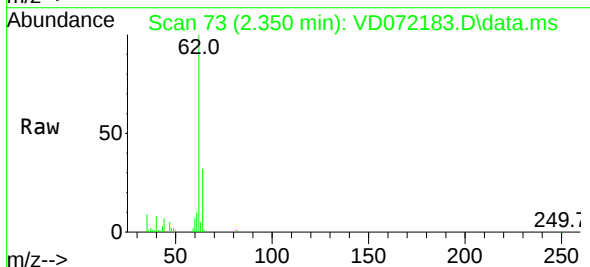
Instrument :
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ClientSampleId :
VD0315SBS02

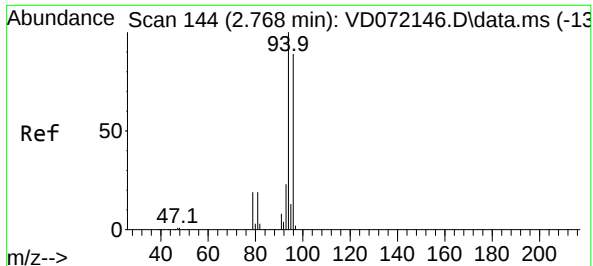
Tgt Ion: 50 Resp: 49579
Ion Ratio Lower Upper
50 100
52 36.1 27.4 41.0



#4
Vinyl Chloride
Concen: 16.958 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 62 Resp: 49872
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

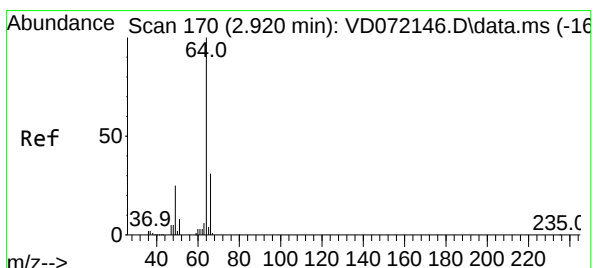
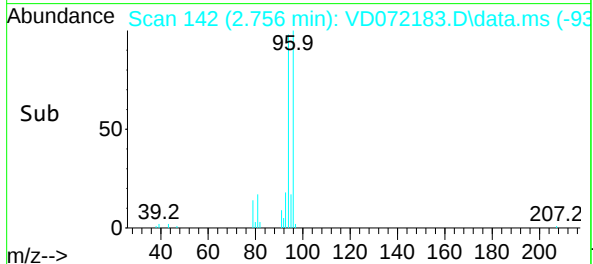
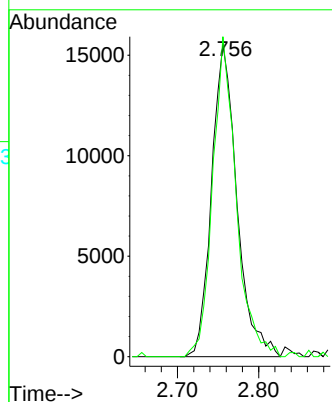
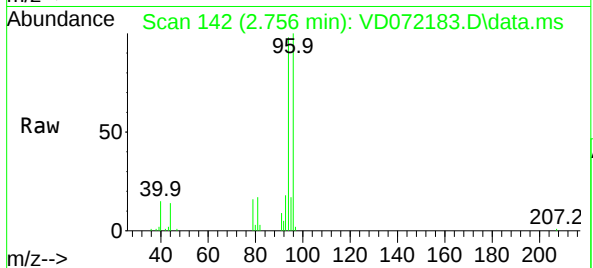




#5
Bromomethane
Concen: 17.607 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

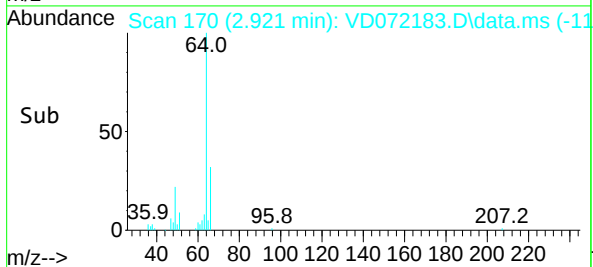
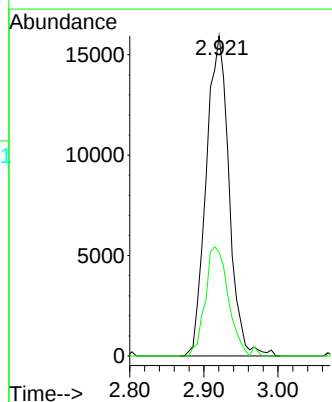
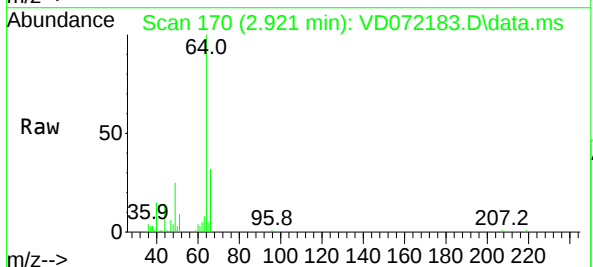
Instrument :
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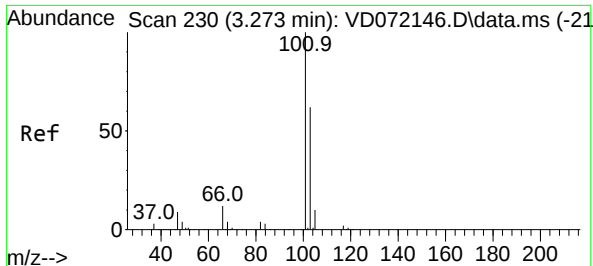
Tgt Ion: 94 Resp: 33719
Ion Ratio Lower Upper
94 100
96 102.3 77.6 116.4



#6
Chloroethane
Concen: 17.538 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 64 Resp: 34101
Ion Ratio Lower Upper
64 100
66 32.5 25.9 38.9

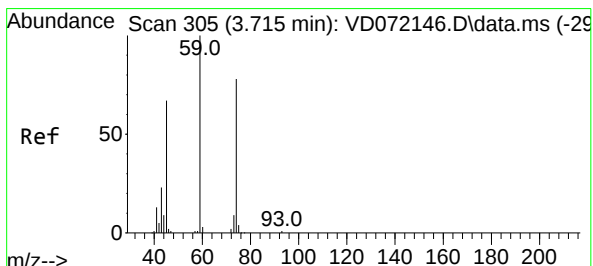
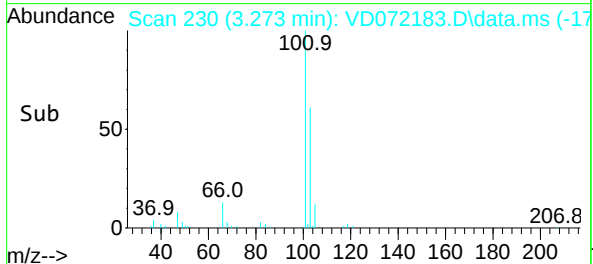
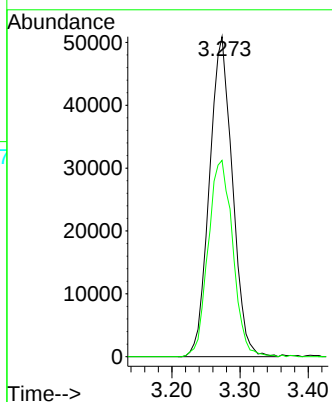
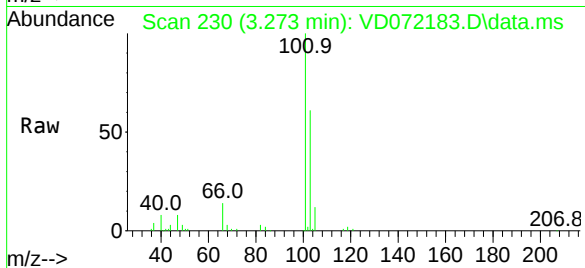




#7
 Trichlorofluoromethane
 Concen: 18.020 ug/l
 RT: 3.273 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD072183.D
 Acq: 15 Mar 2022 12:31

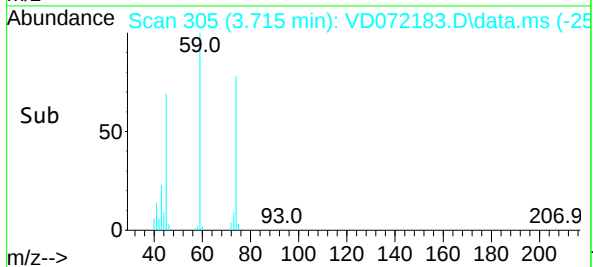
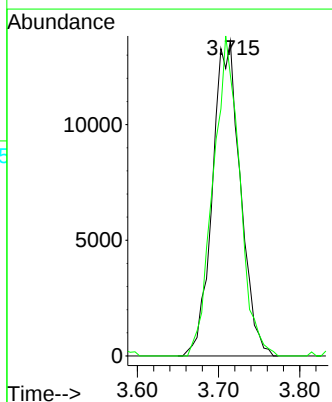
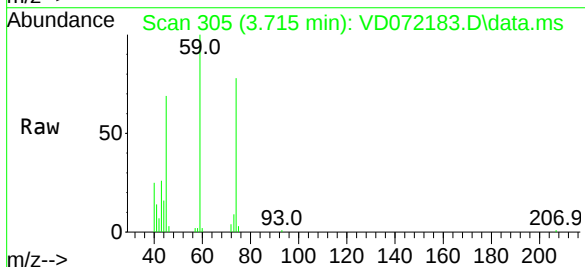
Instrument :
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 ClientSampleId :
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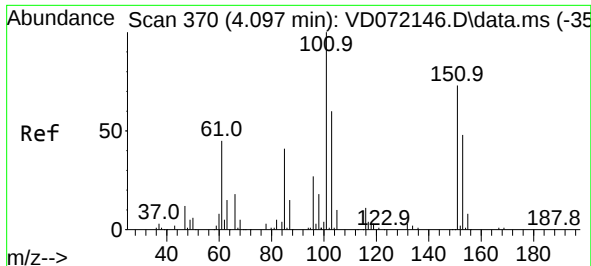
Tgt Ion:101 Resp: 119682
 Ion Ratio Lower Upper
 101 100
 103 61.4 50.1 75.1



#8
 Diethyl Ether
 Concen: 17.748 ug/l
 RT: 3.715 min Scan# 305
 Delta R.T. 0.000 min
 Lab File: VD072183.D
 Acq: 15 Mar 2022 12:31

Tgt Ion: 74 Resp: 32555
 Ion Ratio Lower Upper
 74 100
 45 96.9 52.6 157.8

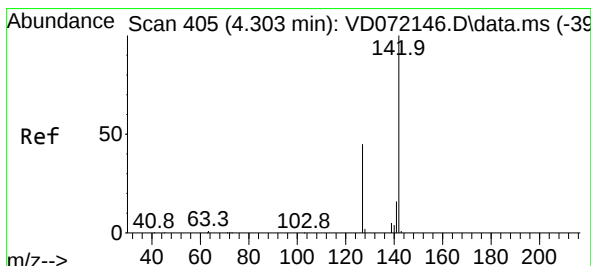
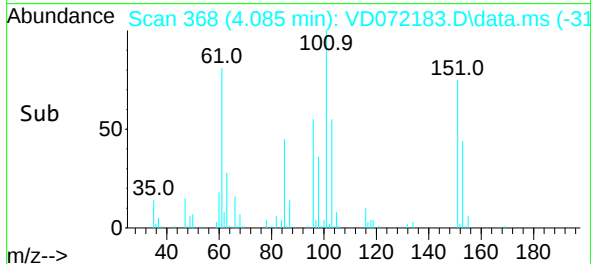
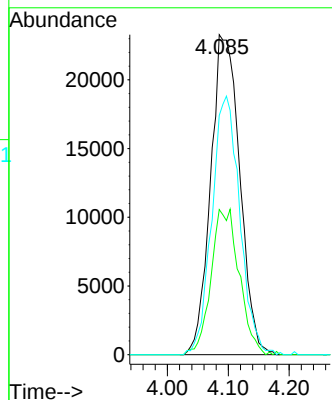
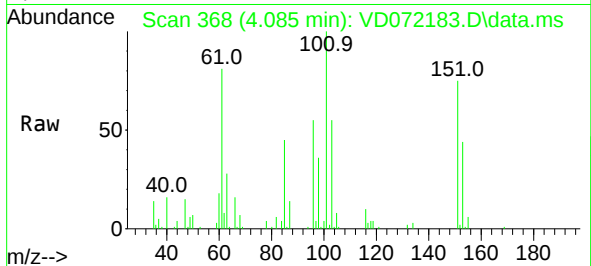




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.246 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.012 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

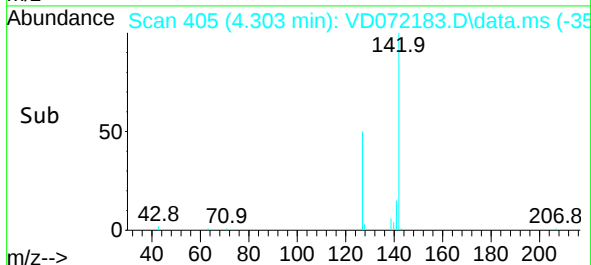
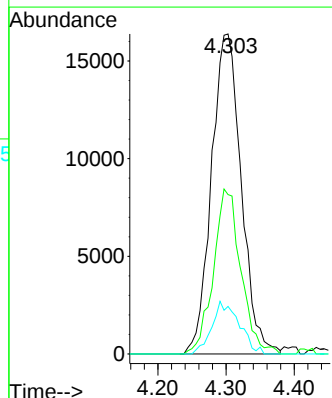
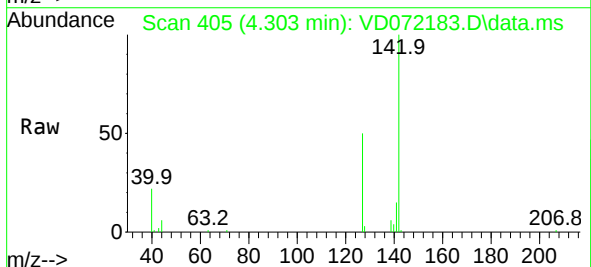
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

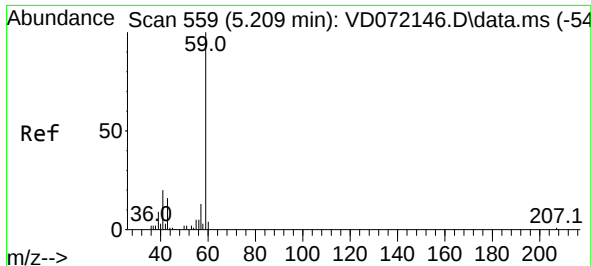
Tgt Ion:101 Resp: 77269
Ion Ratio Lower Upper
101 100
85 44.0 36.4 54.6
151 77.7 57.3 85.9



#10
Methyl Iodide
Concen: 14.760 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion:142 Resp: 49768
Ion Ratio Lower Upper
142 100
127 47.5 37.3 55.9
141 15.0 11.7 17.5

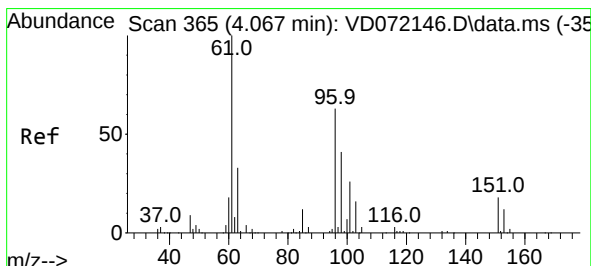
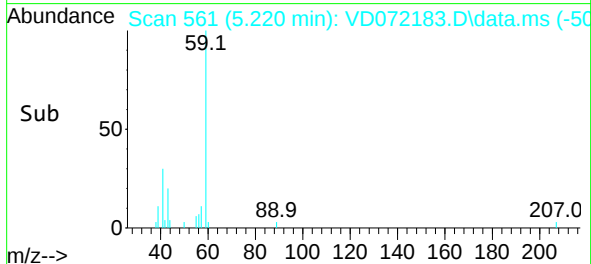
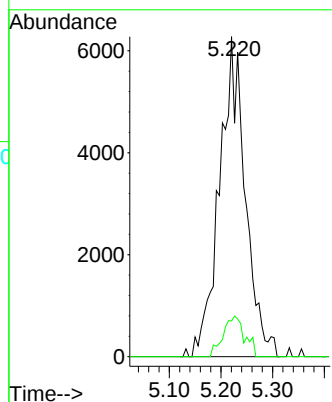
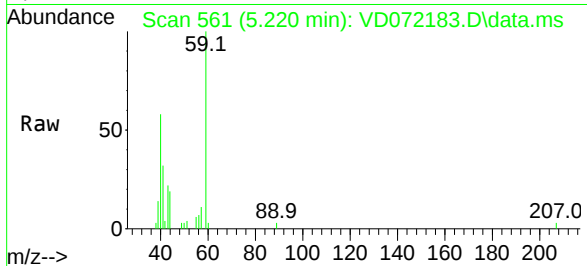




#11
Tert butyl alcohol
Concen: 90.895 ug/l
RT: 5.220 min Scan# 511
Delta R.T. 0.012 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

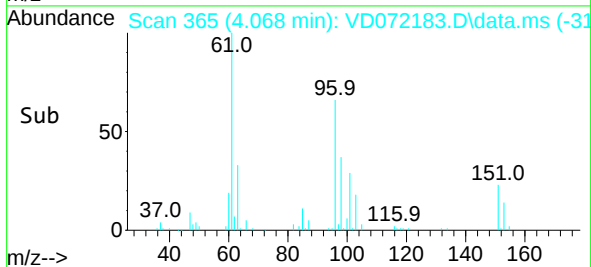
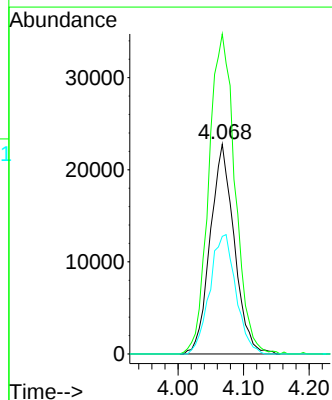
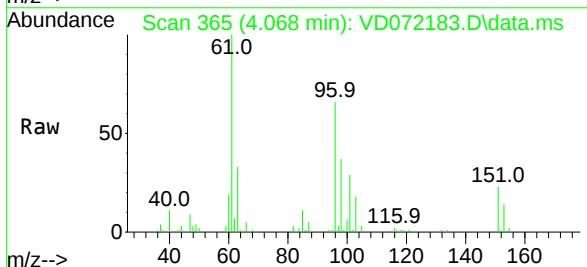
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

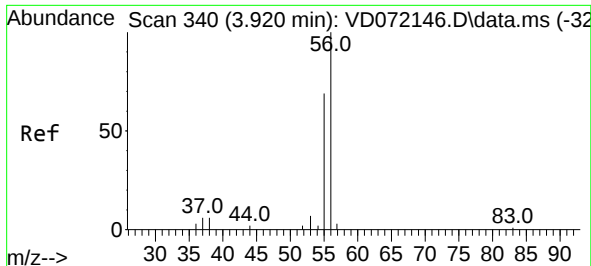
Tgt Ion: 59 Resp: 21772
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.6



#12
1,1-Dichloroethene
Concen: 17.003 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 96 Resp: 57928
Ion Ratio Lower Upper
96 100
61 152.6 138.5 207.7
98 56.1 48.6 73.0

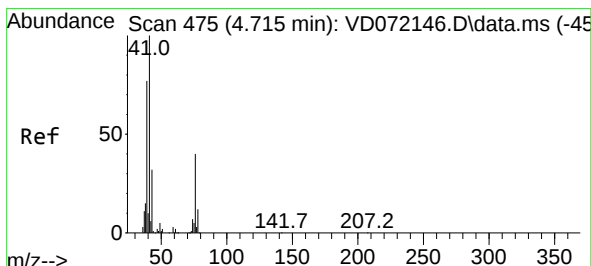
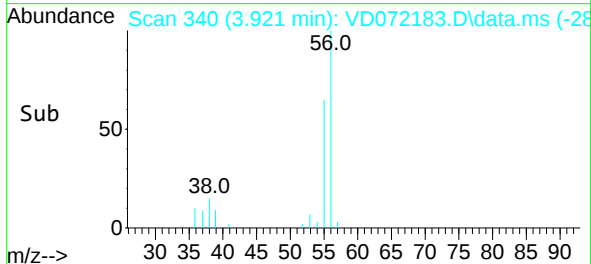
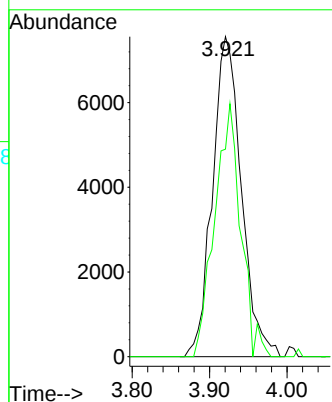
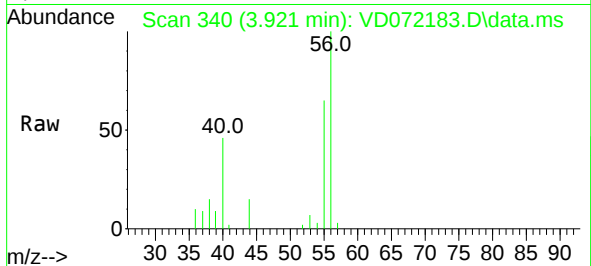




#13
Acrolein
Concen: 91.796 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

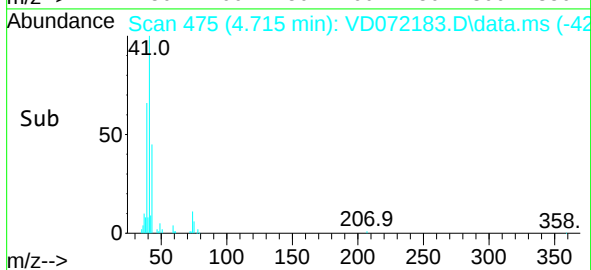
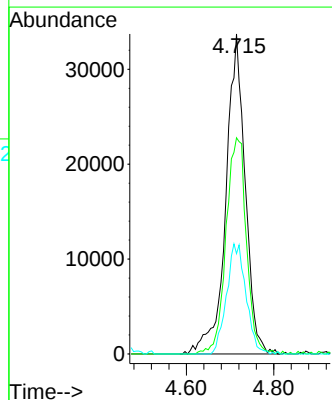
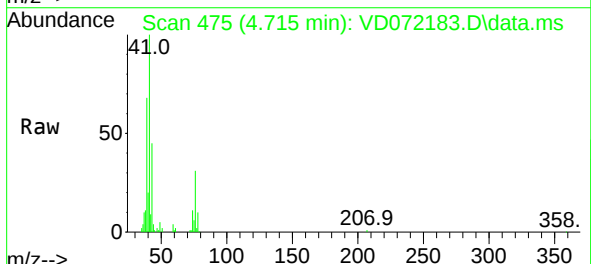
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

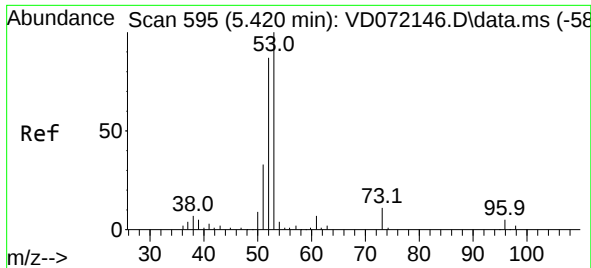
Tgt Ion: 56 Resp: 19620
Ion Ratio Lower Upper
56 100
55 71.0 57.1 85.7



#14
Allyl chloride
Concen: 17.401 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 41 Resp: 103652
Ion Ratio Lower Upper
41 100
39 70.9 59.3 88.9
76 34.5 25.7 38.5

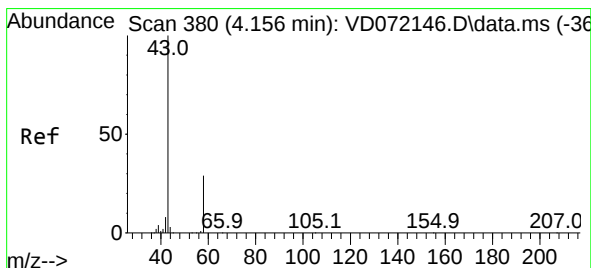
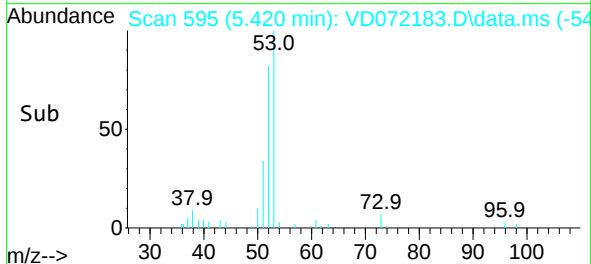
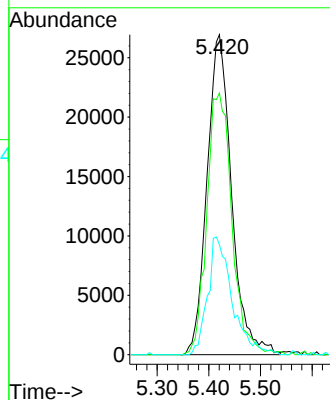
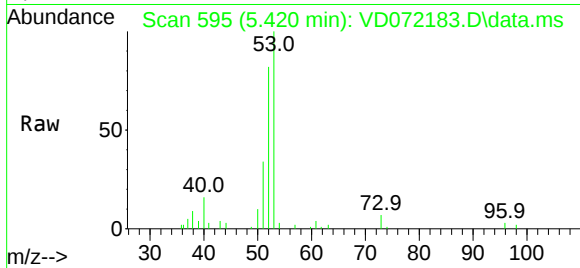




#15
Acrylonitrile
Concen: 96.048 ug/l
RT: 5.420 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

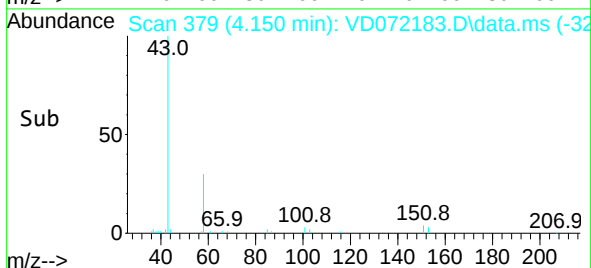
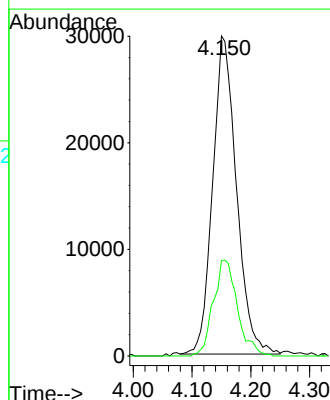
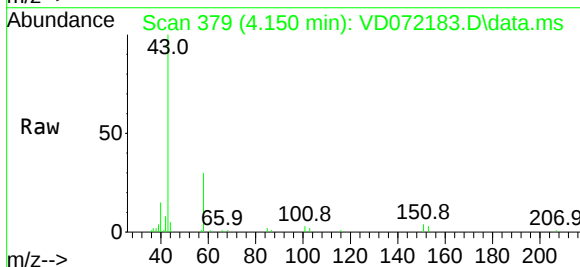
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

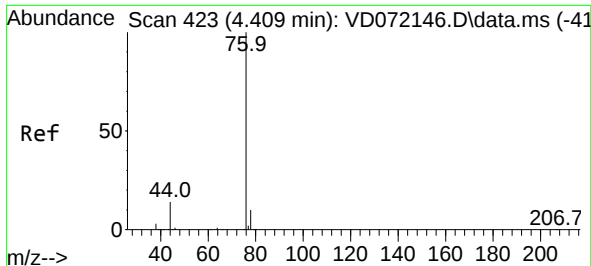
Tgt Ion: 53 Resp: 88896
Ion Ratio Lower Upper
53 100
52 83.8 67.2 100.8
51 36.8 30.3 45.5



#16
Acetone
Concen: 93.502 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 43 Resp: 83867
Ion Ratio Lower Upper
43 100
58 30.0 22.1 33.1

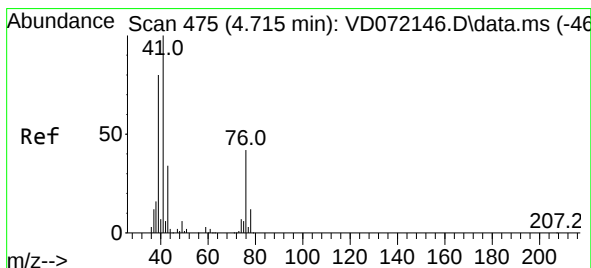
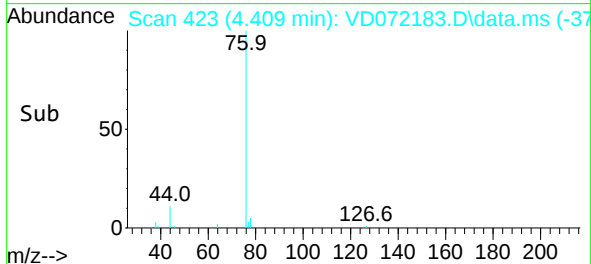
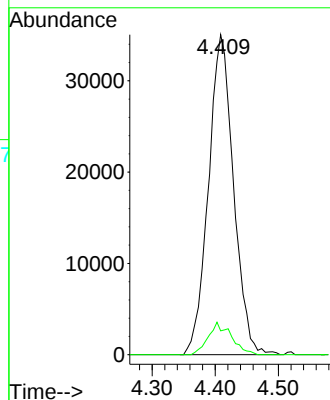
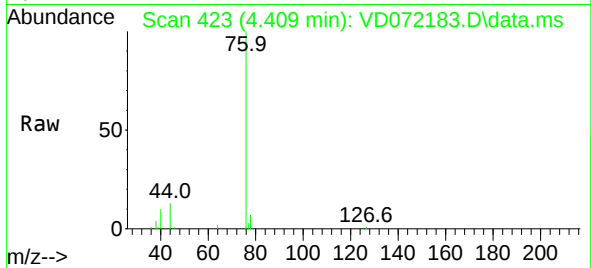




#17
Carbon Disulfide
Concen: 13.312 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

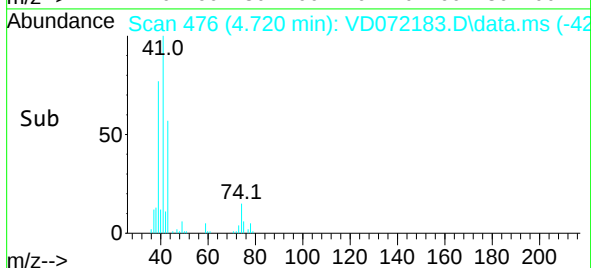
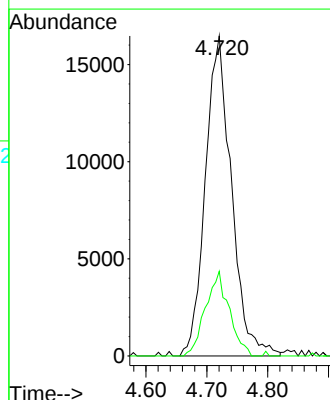
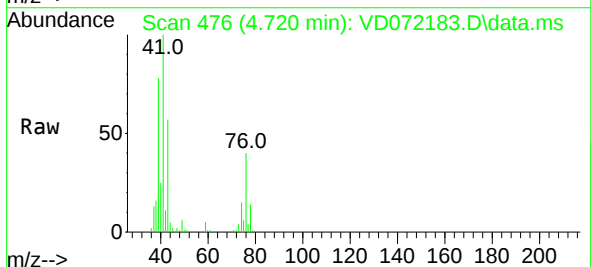
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

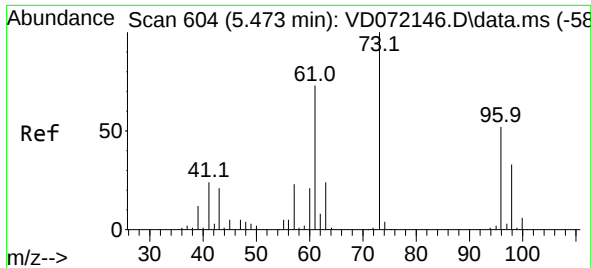
Tgt Ion: 76 Resp: 96760
Ion Ratio Lower Upper
76 100
78 7.5 7.5 11.3#



#18
Methyl Acetate
Concen: 22.298 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 43 Resp: 49012
Ion Ratio Lower Upper
43 100
74 24.0 16.7 25.1

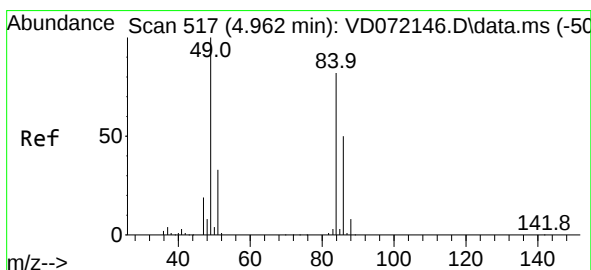
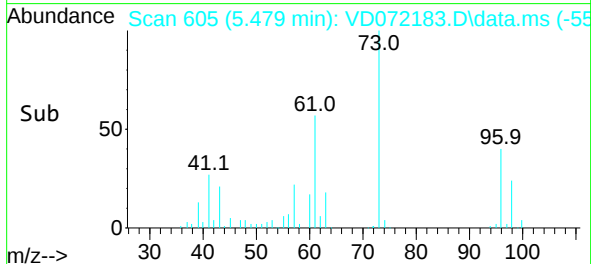
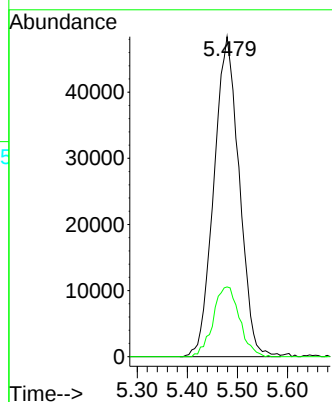
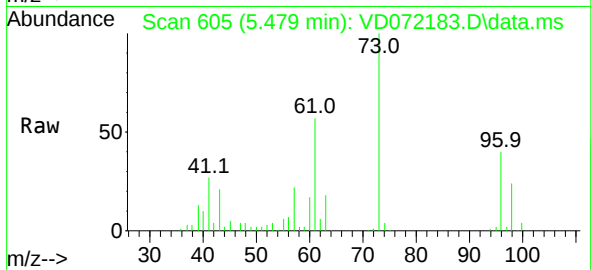




#19
Methyl tert-butyl Ether
Concen: 18.336 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

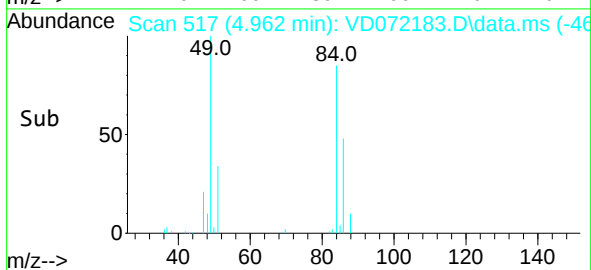
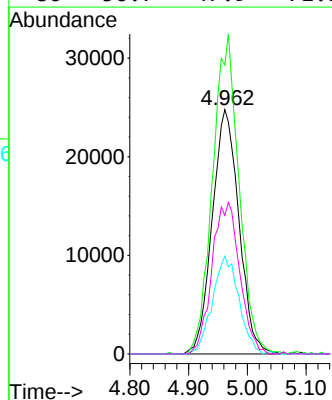
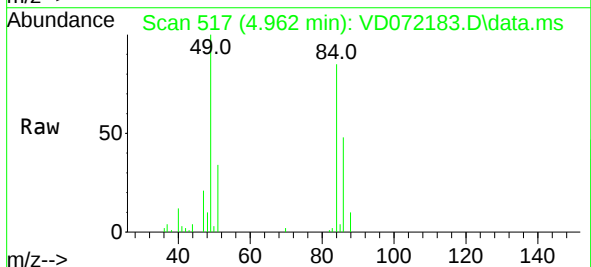
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

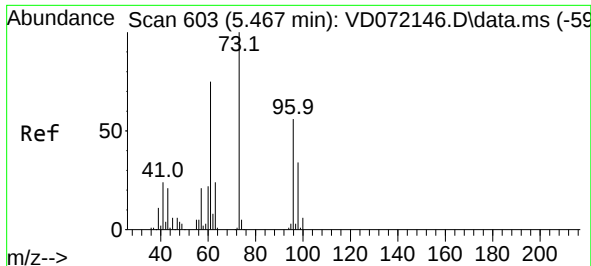
Tgt Ion: 73 Resp: 169794
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0



#20
Methylene Chloride
Concen: 12.815 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 84 Resp: 78103
Ion Ratio Lower Upper
84 100
49 118.3 112.8 169.2
51 40.0 32.6 48.8
86 56.7 47.9 71.9

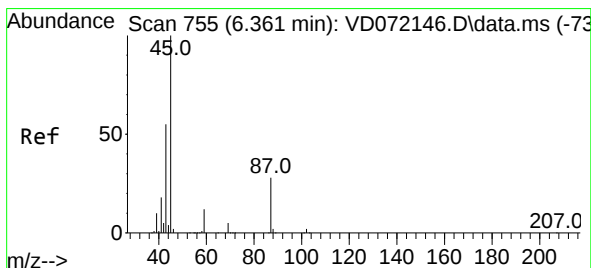
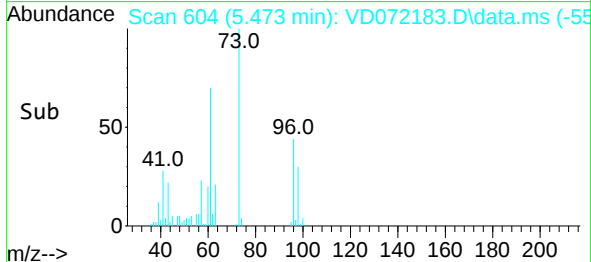
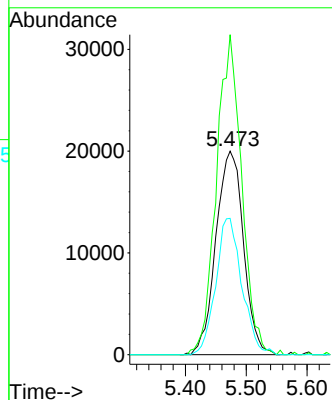
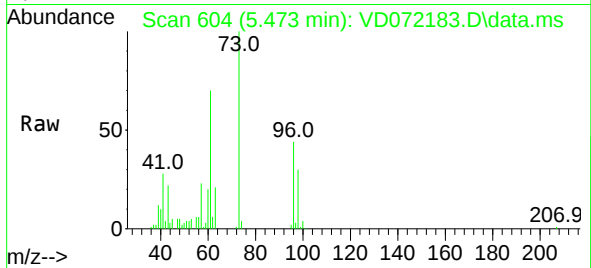




#21
trans-1,2-Dichloroethene
Concen: 16.709 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

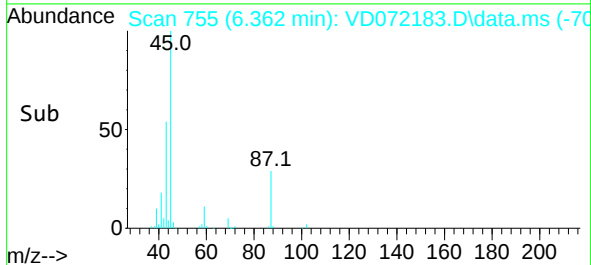
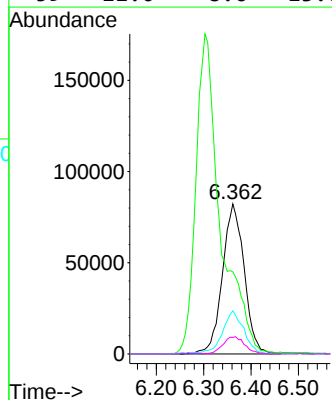
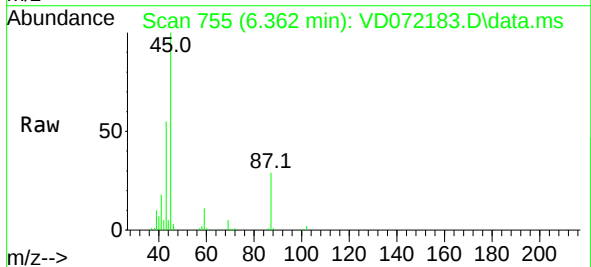
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

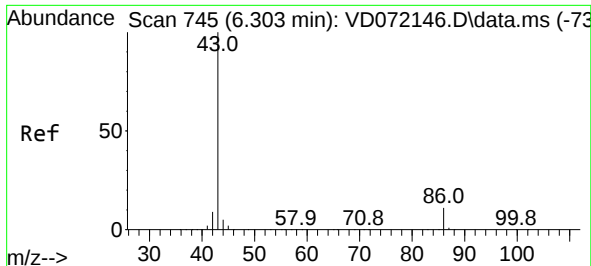
Tgt Ion: 96 Resp: 62963
Ion Ratio Lower Upper
96 100
61 157.3 117.9 176.9
98 67.0 49.4 74.2



#22
Diisopropyl ether
Concen: 19.351 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 45 Resp: 262910
Ion Ratio Lower Upper
45 100
43 53.4 46.6 70.0
87 28.8 18.4 27.6#
59 11.0 8.6 13.0

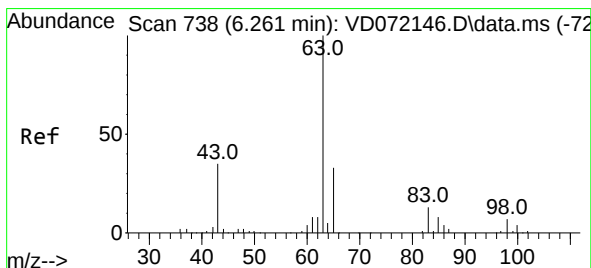
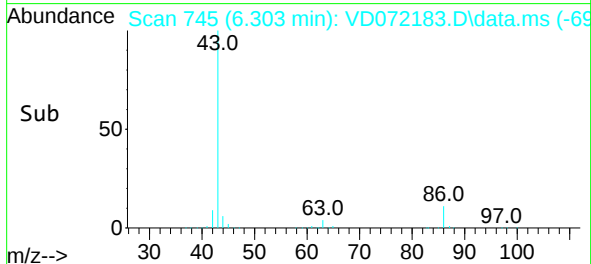
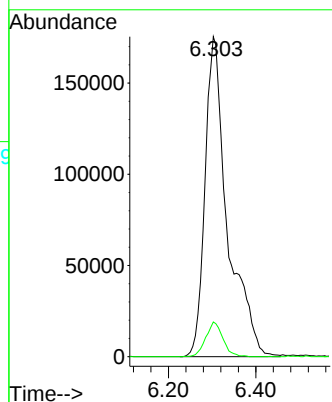
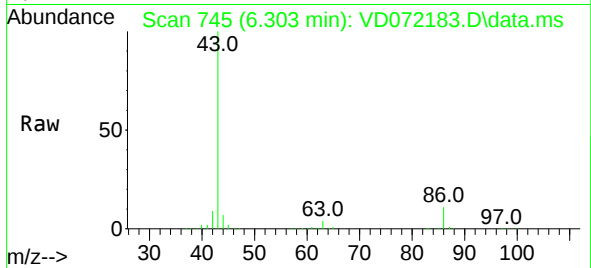




#23
 Vinyl Acetate
 Concen: 90.622 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072183.D
 Acq: 15 Mar 2022 12:31

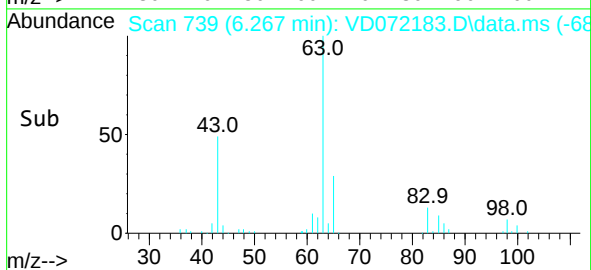
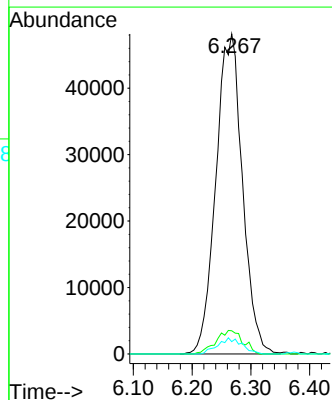
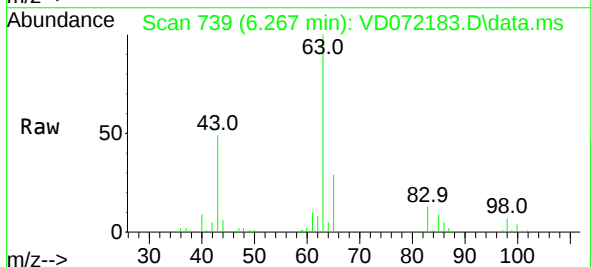
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS02

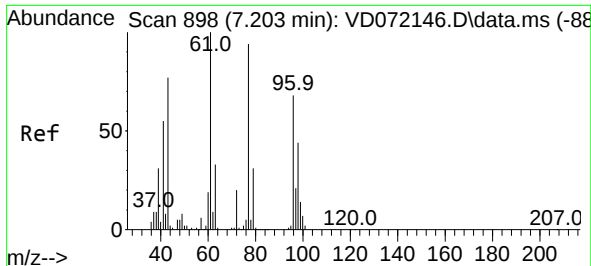
Tgt Ion: 43 Resp: 628369
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 18.840 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD072183.D
 Acq: 15 Mar 2022 12:31

Tgt Ion: 63 Resp: 150959
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 3.8 2.1 6.5

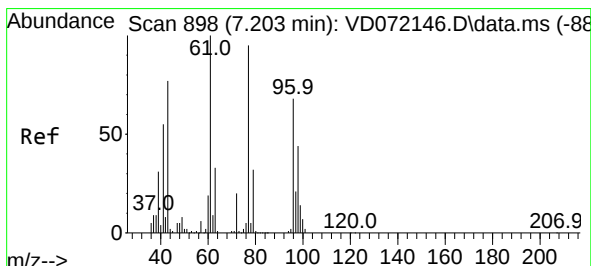
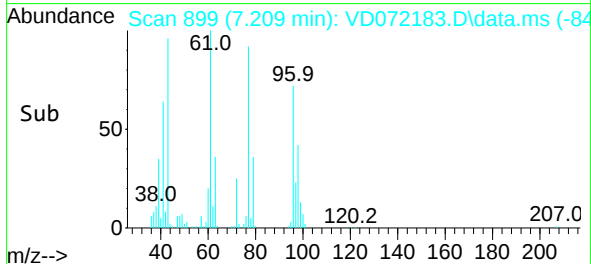
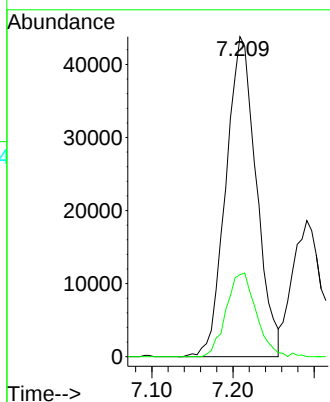
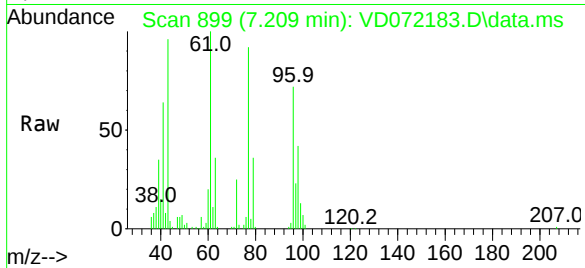




#25
2-Butanone
Concen: 95.459 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

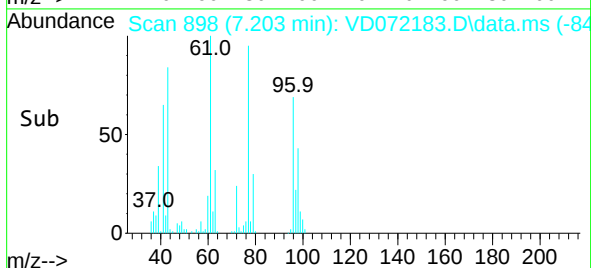
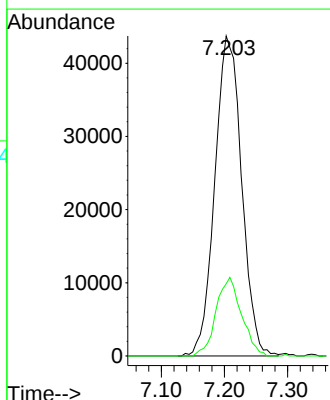
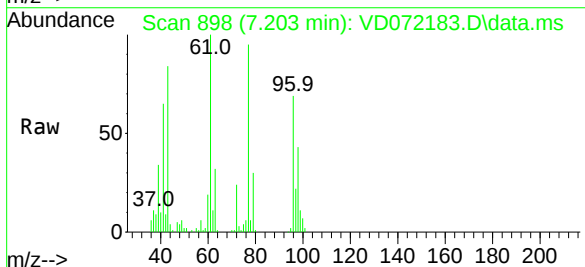
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

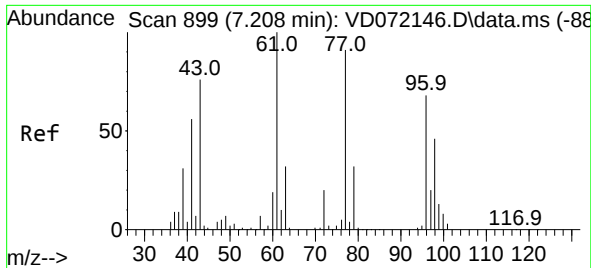
Tgt Ion: 43 Resp: 114161
Ion Ratio Lower Upper
43 100
72 25.6 18.6 27.8



#26
2,2-Dichloropropane
Concen: 17.838 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 77 Resp: 128962
Ion Ratio Lower Upper
77 100
97 23.3 10.8 32.4



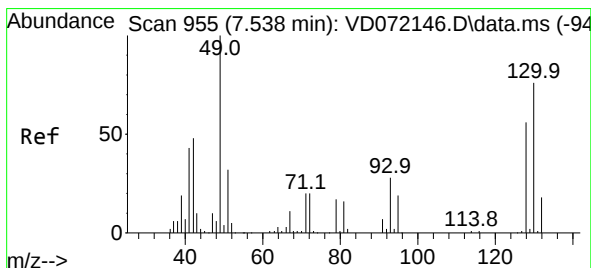
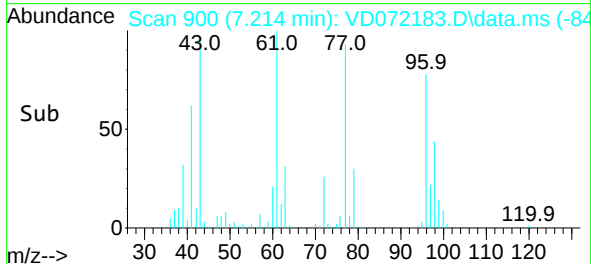
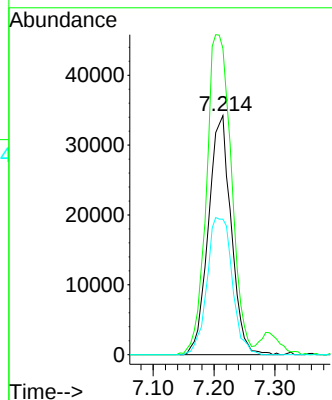
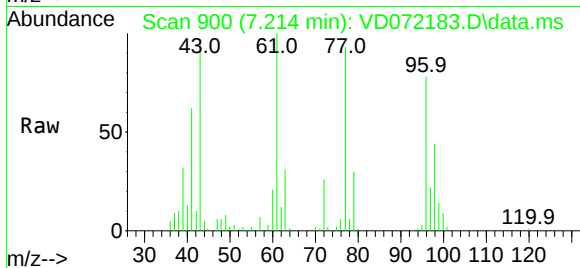


#27
 cis-1,2-Dichloroethene
 Concen: 18.442 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. 0.006 min
 Lab File: VD072183.D
 Acq: 15 Mar 2022 12:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS02

Tgt Ion: 96 Resp: 88724

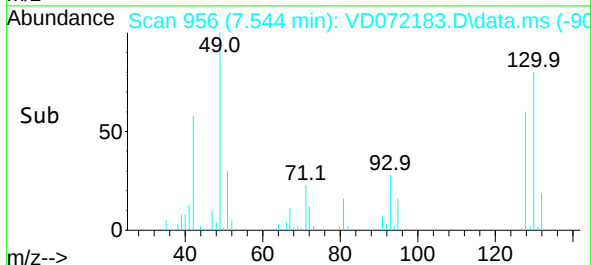
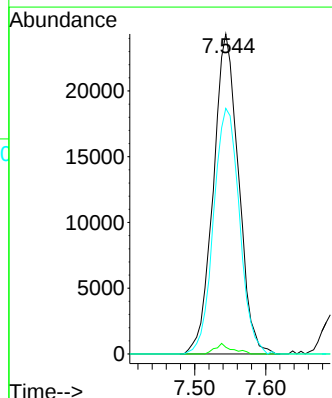
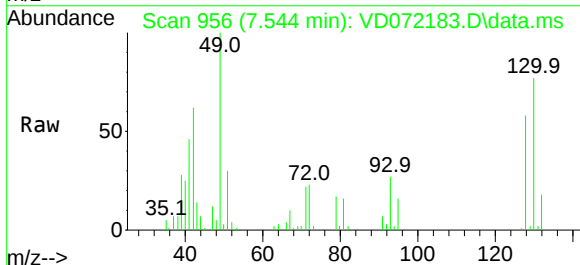
Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	313.8
98	63.3	0.0	128.8

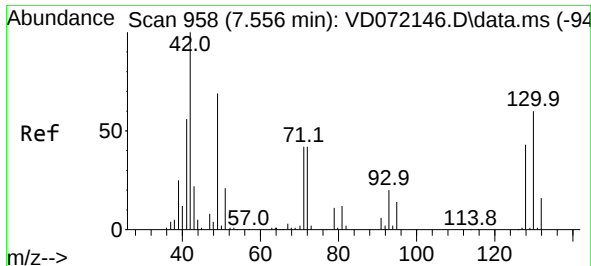


#28
 Bromochloromethane
 Concen: 18.597 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.006 min
 Lab File: VD072183.D
 Acq: 15 Mar 2022 12:31

Tgt Ion: 49 Resp: 59989

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	78.8	52.6	79.0





#29

Tetrahydrofuran

Concen: 92.357 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS02

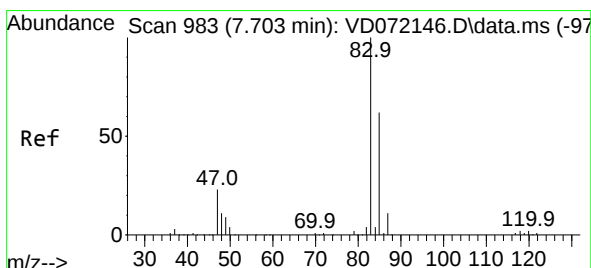
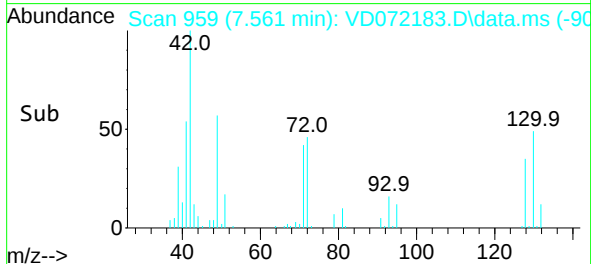
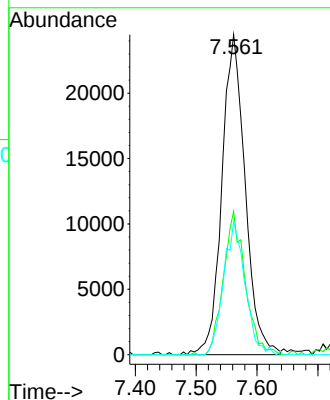
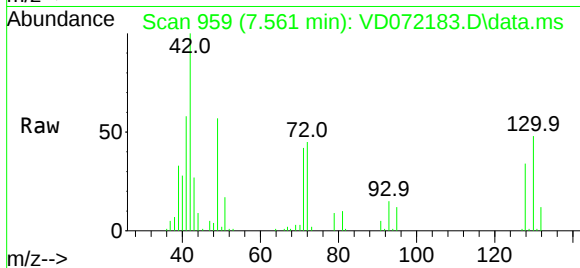
Tgt Ion: 42 Resp: 64947

Ion Ratio Lower Upper

42 100

72 41.7 30.7 46.1

71 38.7 28.6 43.0



#30

Chloroform

Concen: 19.675 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD072183.D

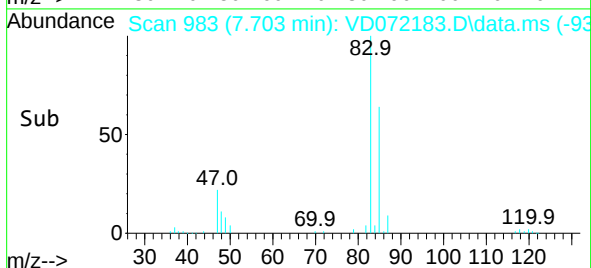
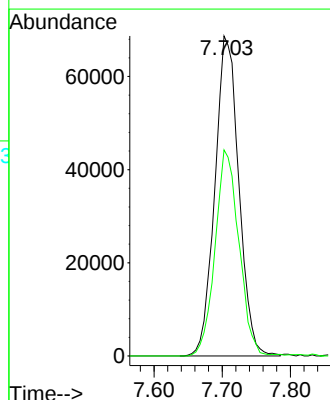
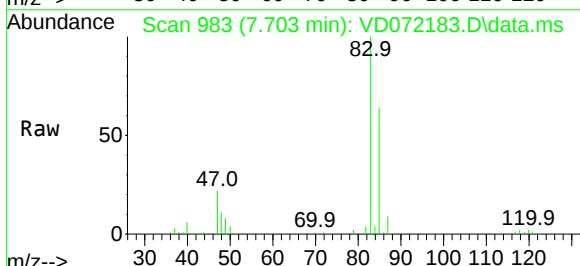
Acq: 15 Mar 2022 12:31

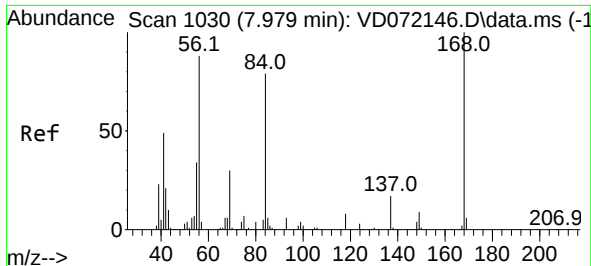
Tgt Ion: 83 Resp: 167948

Ion Ratio Lower Upper

83 100

85 64.4 52.7 79.1

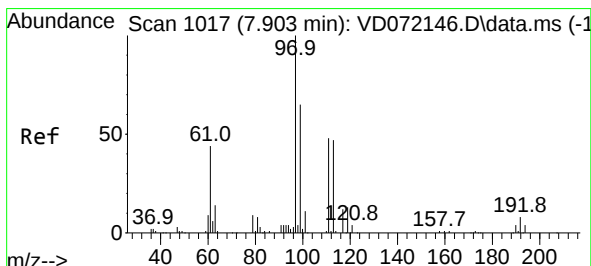
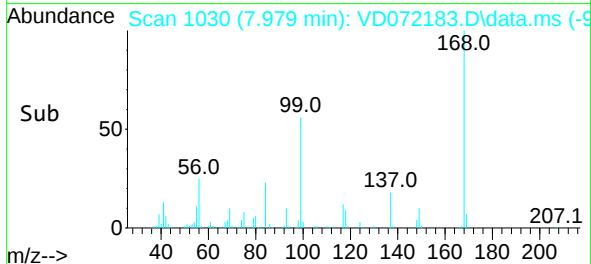
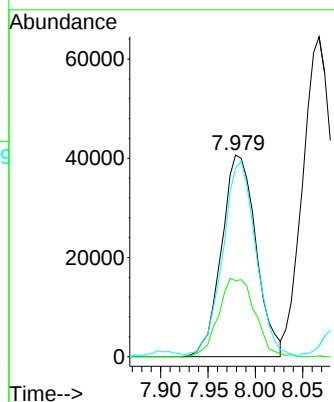
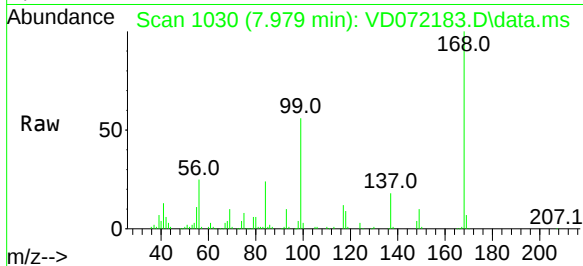




#31
Cyclohexane
Concen: 15.953 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

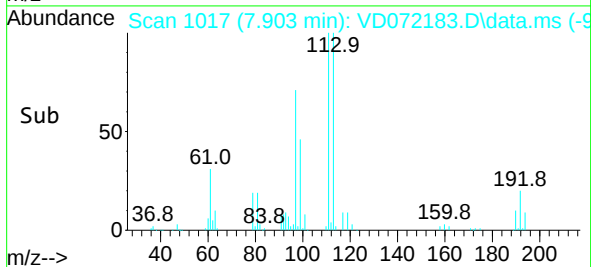
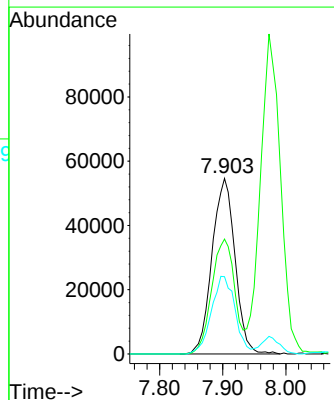
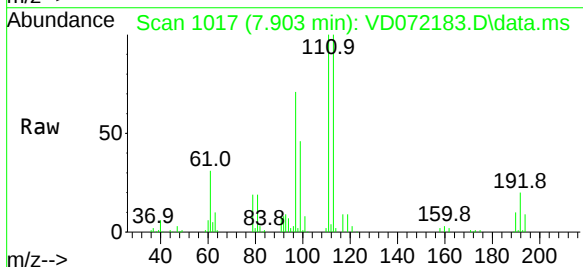
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

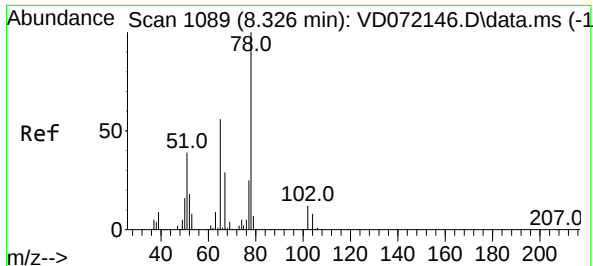
Tgt Ion: 56 Resp: 102963
Ion Ratio Lower Upper
56 100
69 37.7 25.4 38.2
84 92.0 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 18.220 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 97 Resp: 138135
Ion Ratio Lower Upper
97 100
99 65.1 52.4 78.6
61 45.3 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 52.337 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

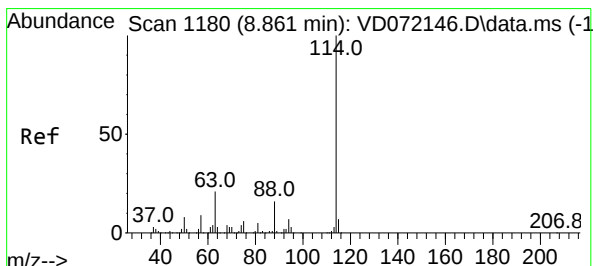
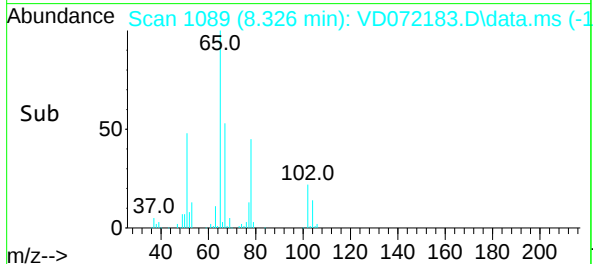
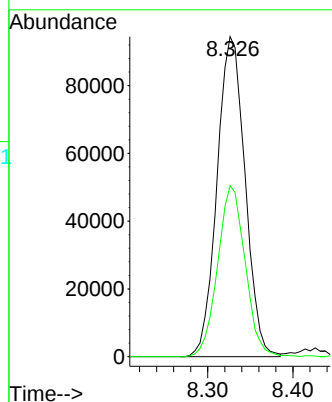
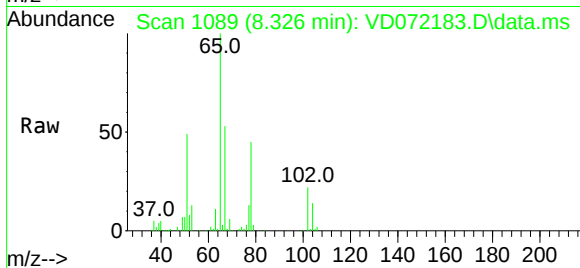
VD0315SBS02

Tgt Ion: 65 Resp: 216210

Ion Ratio Lower Upper

65 100

67 52.4 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: VD072183.D

Acq: 15 Mar 2022 12:31

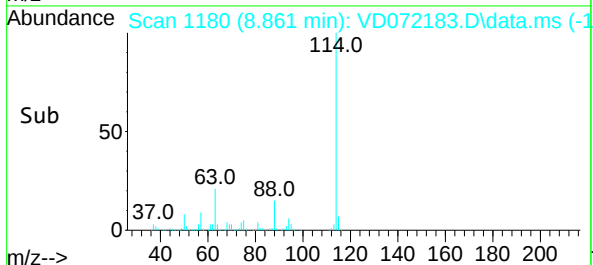
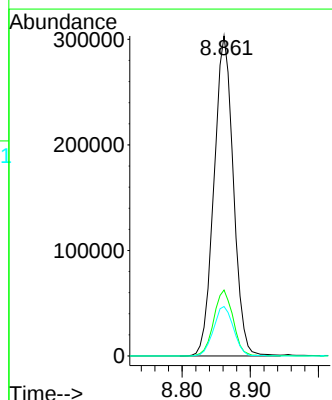
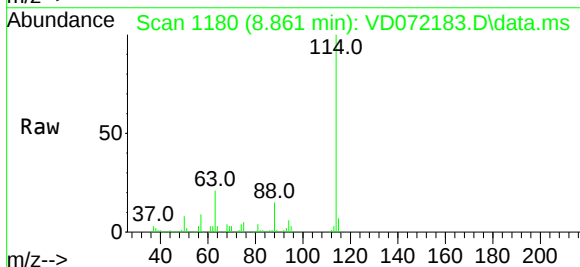
Tgt Ion: 114 Resp: 599872

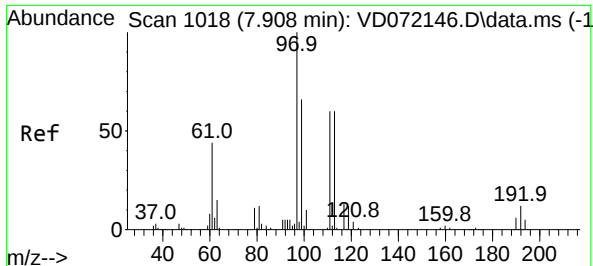
Ion Ratio Lower Upper

114 100

63 20.6 0.0 46.6

88 15.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.787 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS02

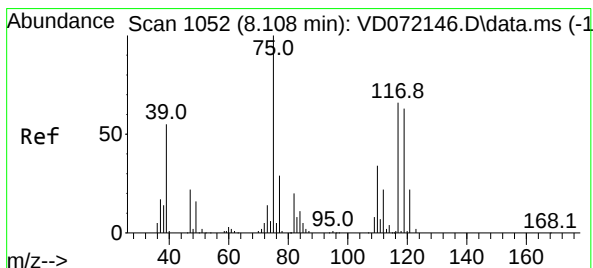
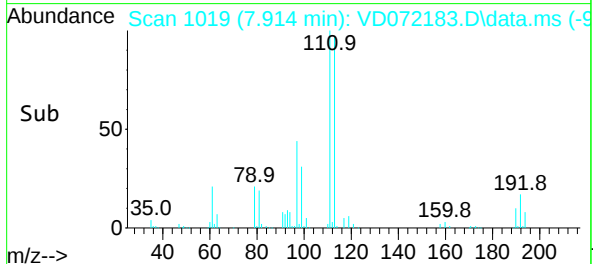
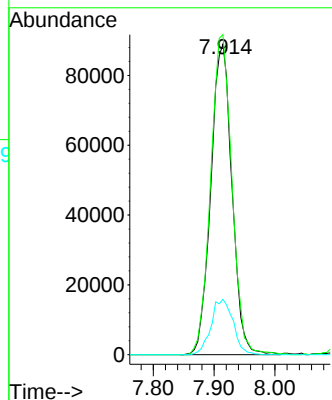
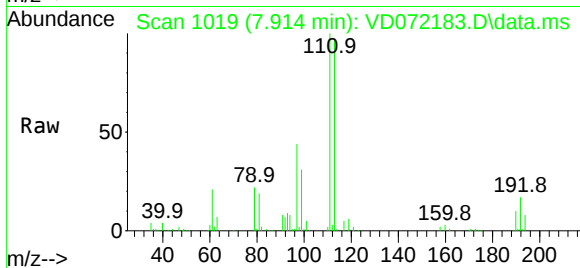
Tgt Ion:113 Resp: 214391

Ion Ratio Lower Upper

113 100

111 103.9 83.8 125.6

192 18.6 14.6 21.8



#36

1,1-Dichloropropene

Concen: 17.109 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

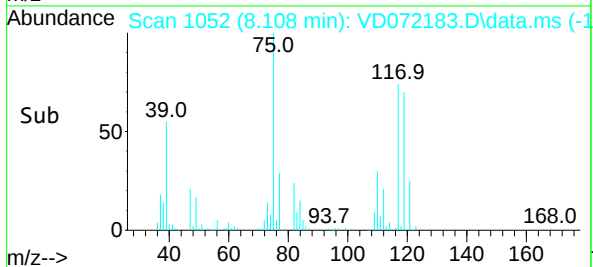
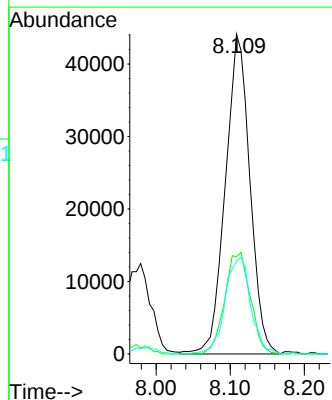
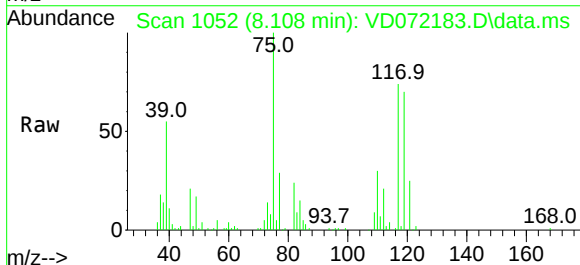
Tgt Ion: 75 Resp: 101321

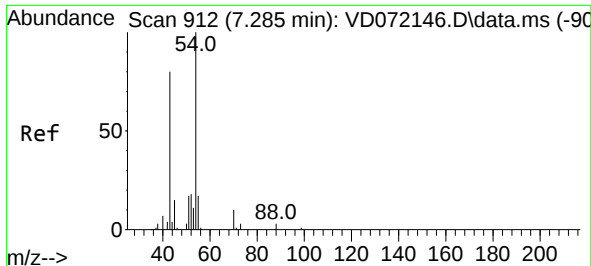
Ion Ratio Lower Upper

75 100

110 33.0 16.4 49.1

77 31.8 24.2 36.2





#37

Ethyl Acetate

Concen: 18.679 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS02

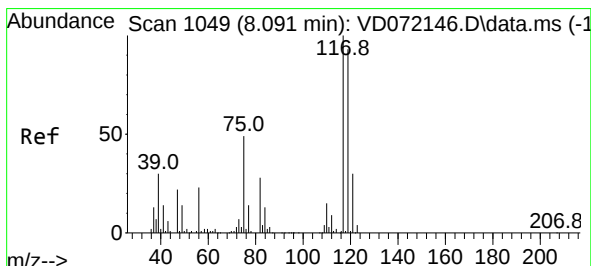
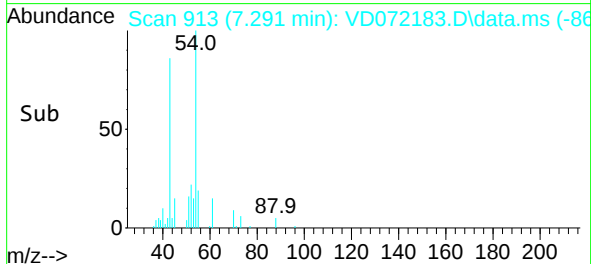
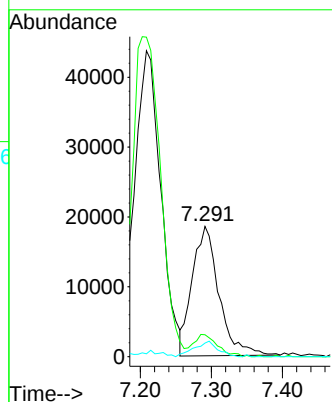
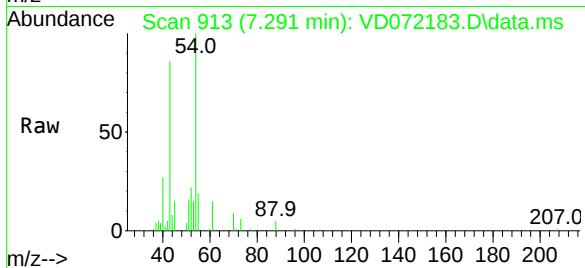
Tgt Ion: 43 Resp: 48456

Ion Ratio Lower Upper

43 100

61 14.8 9.8 14.8#

70 10.4 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 18.074 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

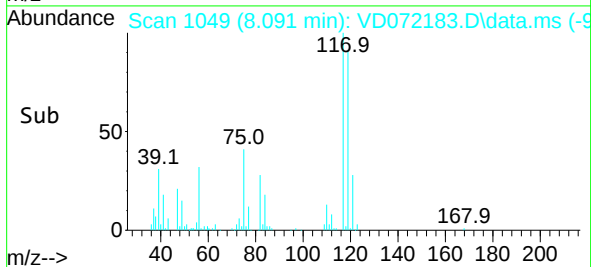
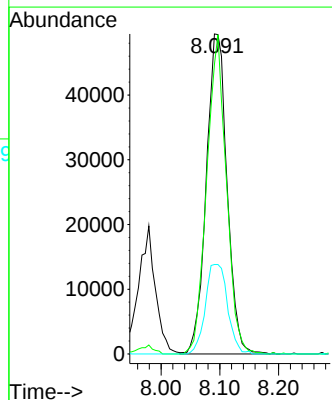
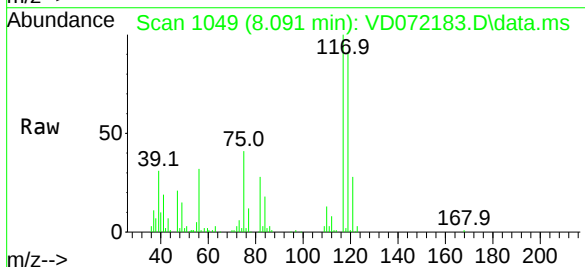
Tgt Ion: 117 Resp: 121665

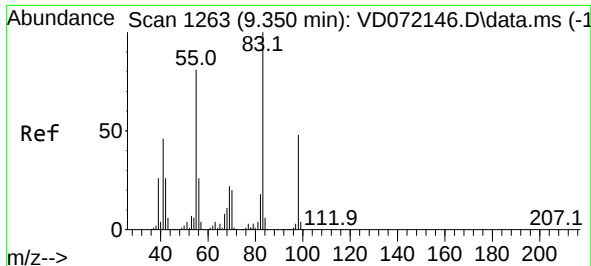
Ion Ratio Lower Upper

117 100

119 90.5 75.8 113.6

121 28.0 24.5 36.7

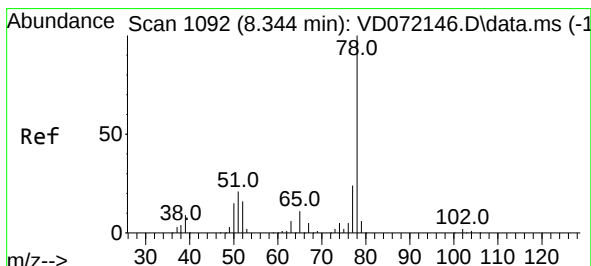
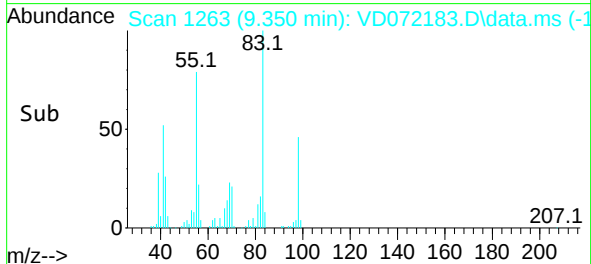
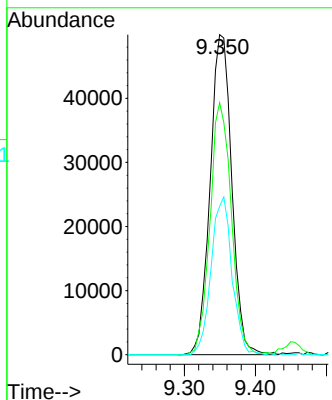
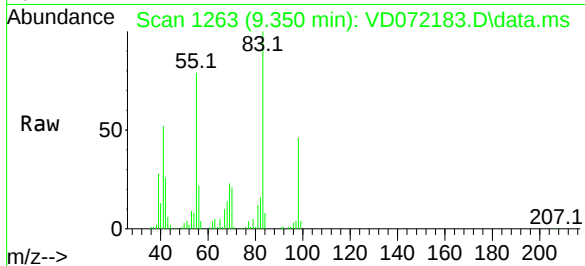




#39
Methylcyclohexane
Concen: 15.826 ug/l
RT: 9.350 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

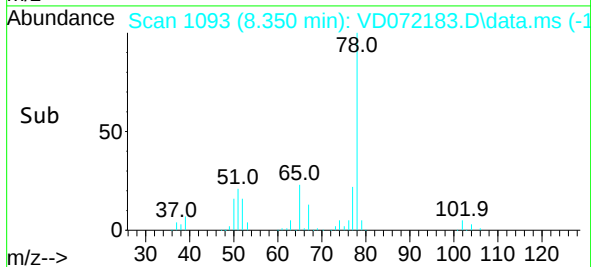
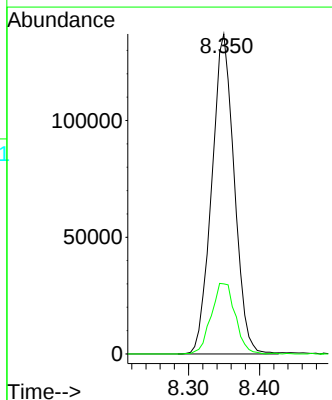
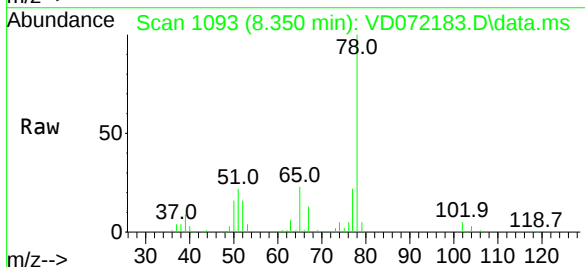
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

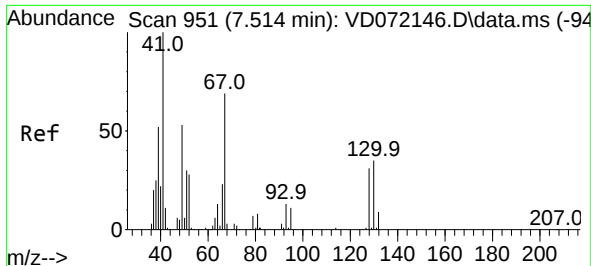
Tgt Ion: 83 Resp: 105464
Ion Ratio Lower Upper
83 100
55 78.8 63.2 94.8
98 46.3 38.2 57.4



#40
Benzene
Concen: 17.815 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 78 Resp: 300983
Ion Ratio Lower Upper
78 100
77 21.9 19.1 28.7

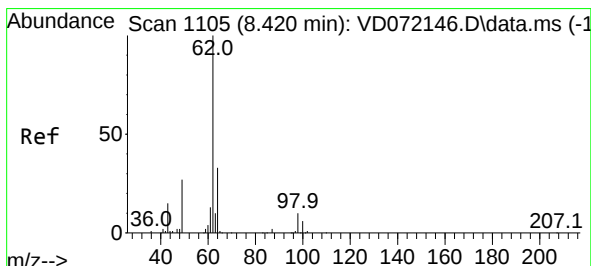
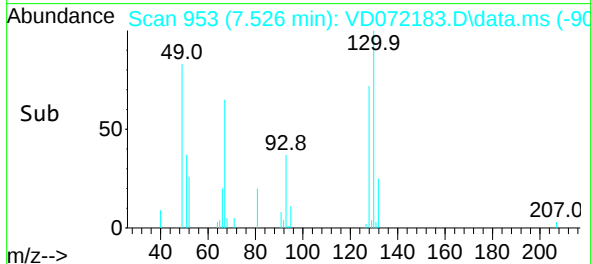
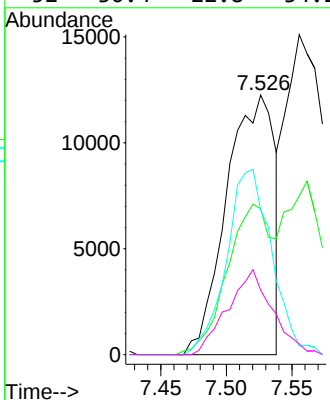
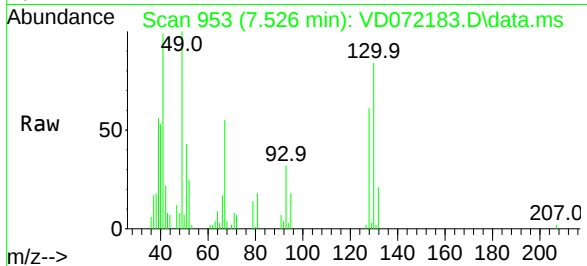




#41
Methacrylonitrile
Concen: 20.697 ug/l
RT: 7.526 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

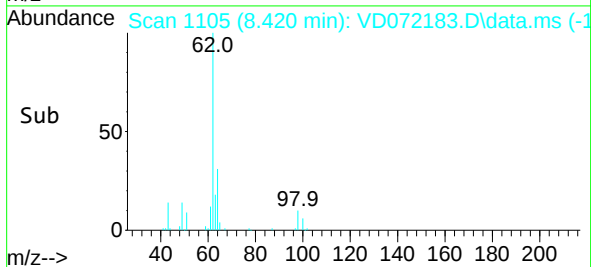
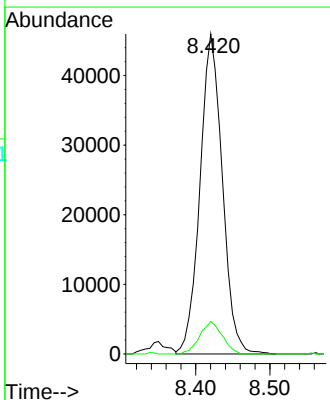
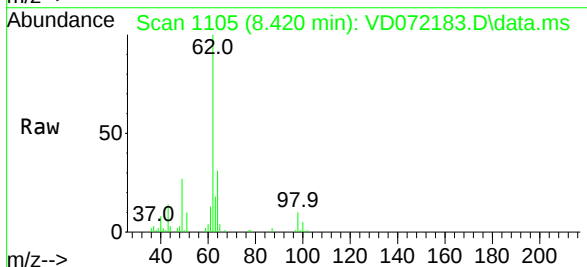
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

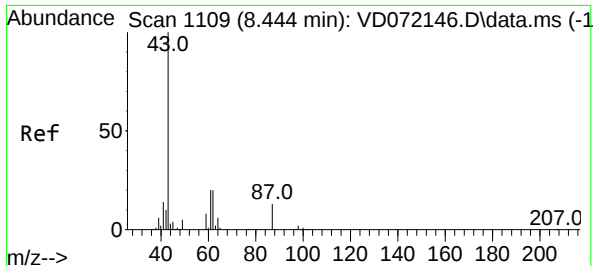
Tgt Ion: 41	Resp: 31294
Ion Ratio	Lower Upper
41 100	
39 55.3	44.6 67.0
67 67.1	48.2 72.4
52 30.4	22.8 34.2



#42
1,2-Dichloroethane
Concen: 18.800 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 62	Resp: 96352
Ion Ratio	Lower Upper
62 100	
98 10.2	0.0 17.6





#43

Isopropyl Acetate

Concen: 18.865 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS02

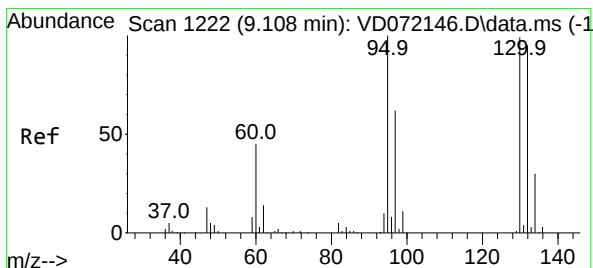
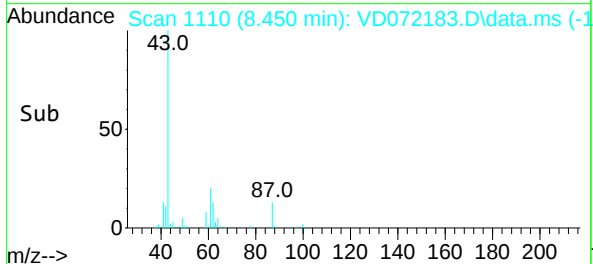
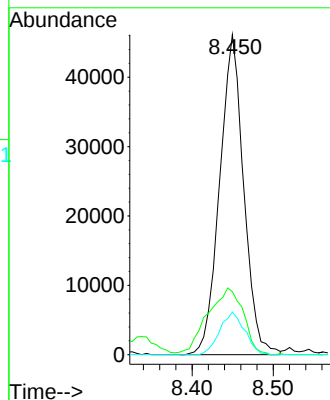
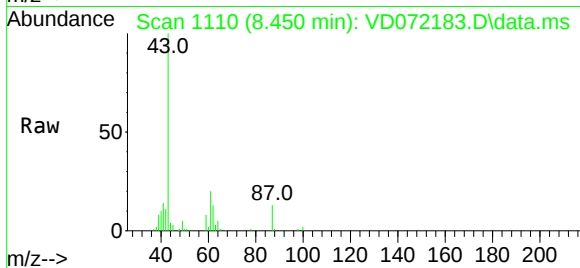
Tgt Ion: 43 Resp: 94985

Ion Ratio Lower Upper

43 100

61 31.1 22.4 33.6

87 13.7 8.7 13.1#



#44

Trichloroethene

Concen: 17.832 ug/l

RT: 9.114 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD072183.D

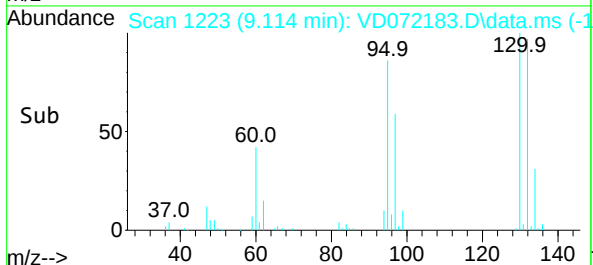
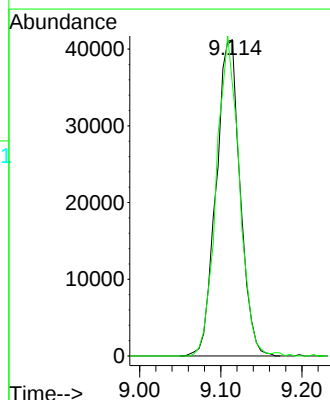
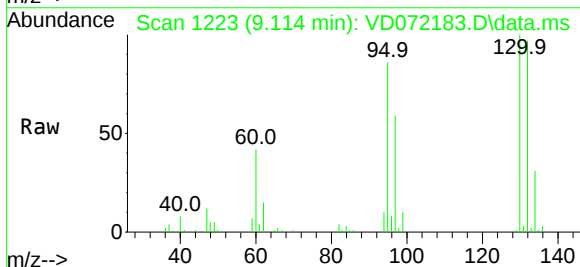
Acq: 15 Mar 2022 12:31

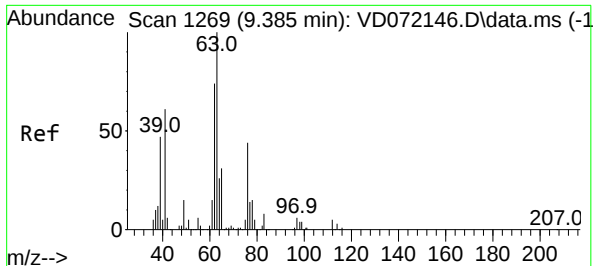
Tgt Ion: 130 Resp: 84578

Ion Ratio Lower Upper

130 100

95 86.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 18.946 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

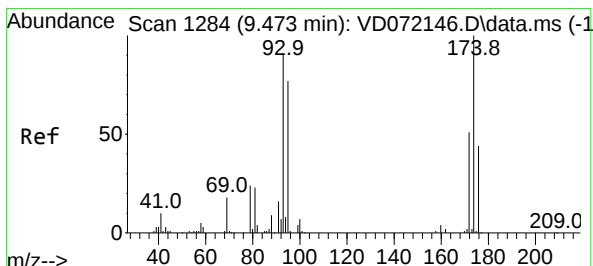
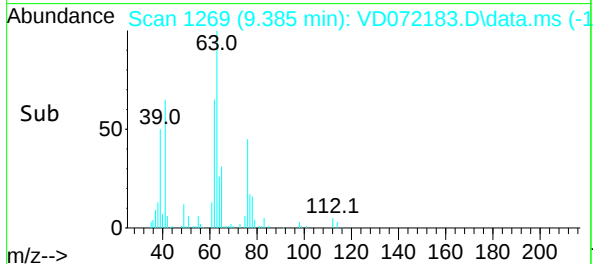
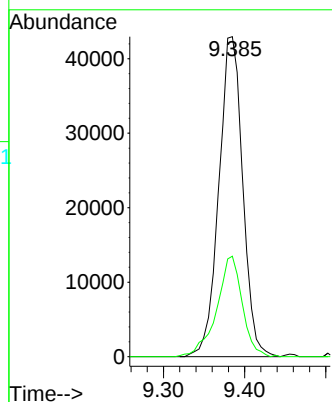
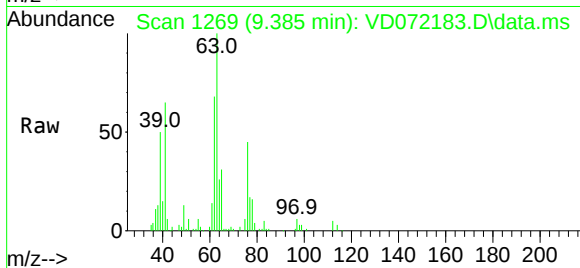
VD0315SBS02

Tgt Ion: 63 Resp: 87783

Ion Ratio Lower Upper

63 100

65 31.4 26.2 39.4



#46

Dibromomethane

Concen: 19.412 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

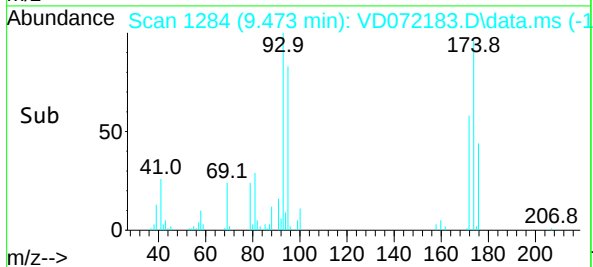
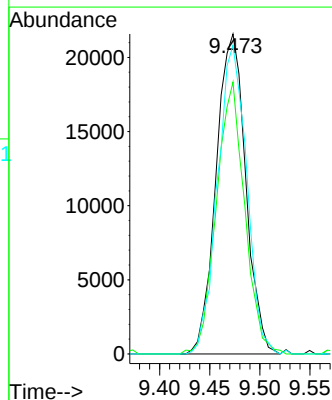
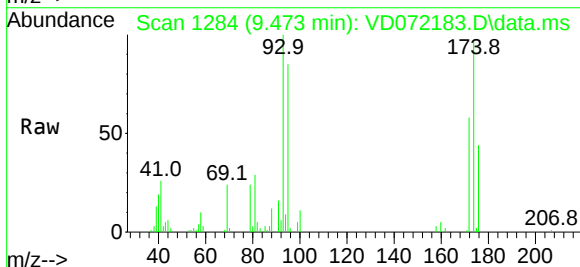
Tgt Ion: 93 Resp: 44243

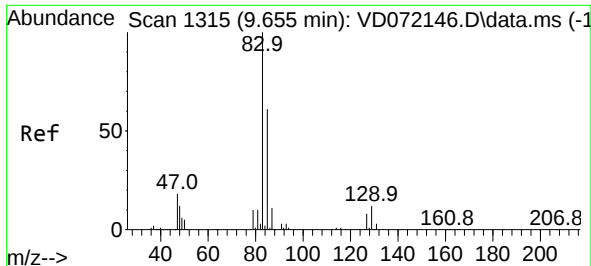
Ion Ratio Lower Upper

93 100

95 81.2 66.7 100.1

174 95.2 71.6 107.4

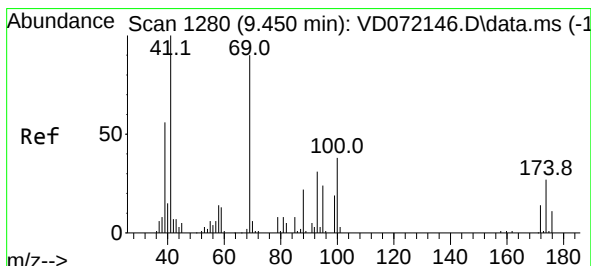
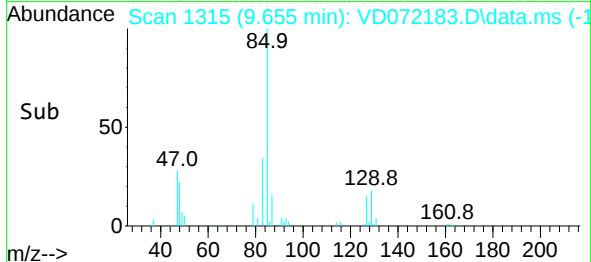
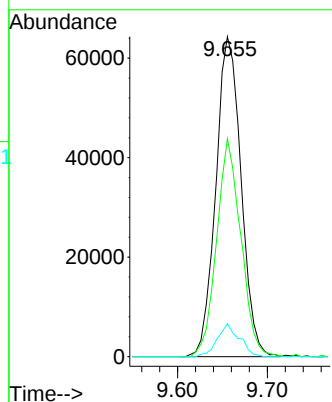
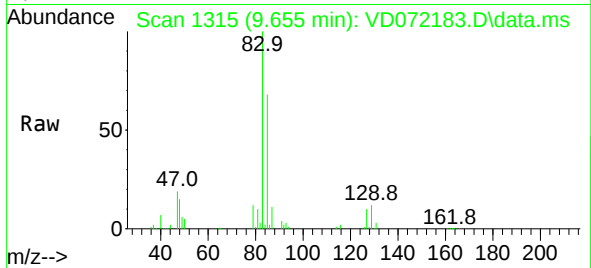




#47
Bromodichloromethane
Concen: 18.897 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

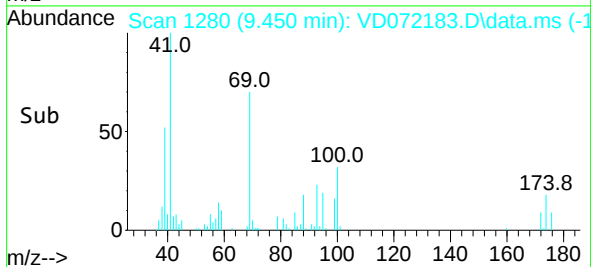
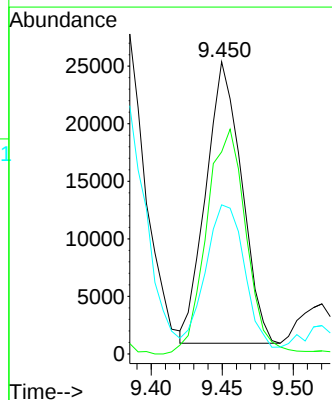
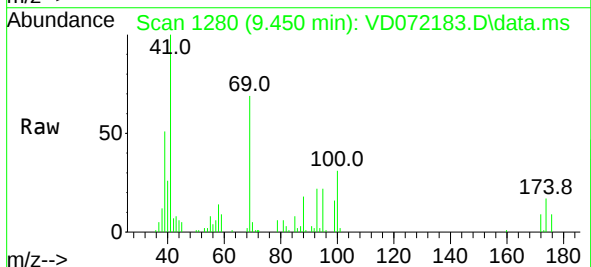
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

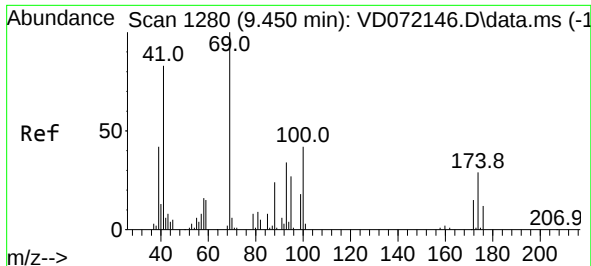
Tgt Ion: 83 Resp: 125561
Ion Ratio Lower Upper
83 100
85 68.1 51.4 77.0
127 10.3 6.1 9.1#



#48
Methyl methacrylate
Concen: 17.821 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 41 Resp: 42845
Ion Ratio Lower Upper
41 100
69 88.5 56.7 85.1#
39 59.8 42.7 64.1





#49

1,4-Dioxane

Concen: 415.343 ug/l

RT: 9.456 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS02

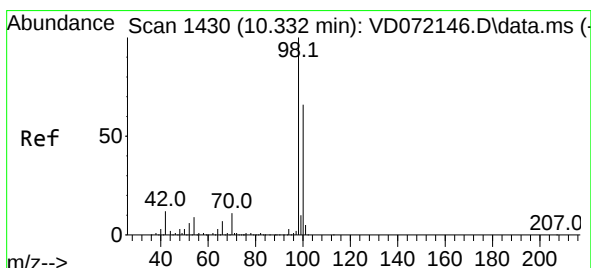
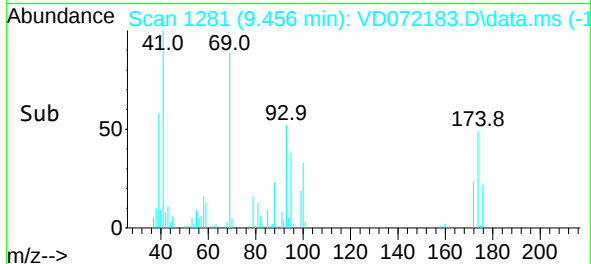
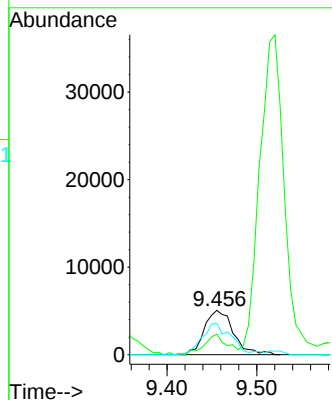
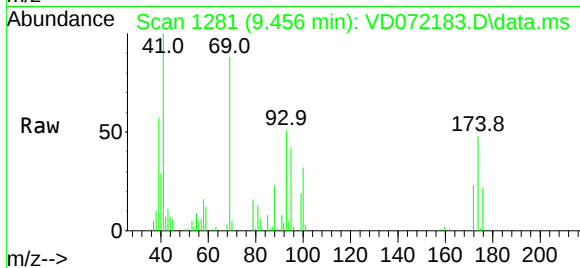
Tgt Ion: 88 Resp: 11352

Ion Ratio Lower Upper

88 100

43 36.5 31.0 46.4

58 70.0 58.1 87.1



#50

Toluene-d8

Concen: 51.673 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD072183.D

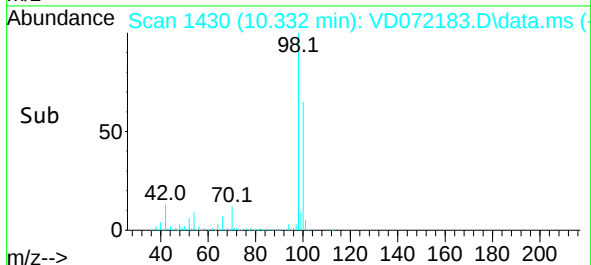
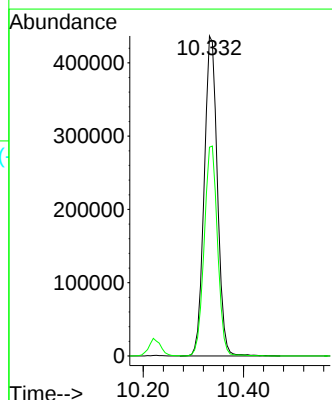
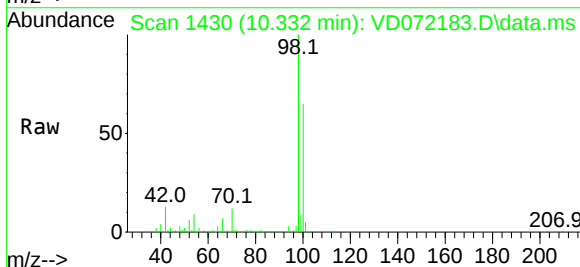
Acq: 15 Mar 2022 12:31

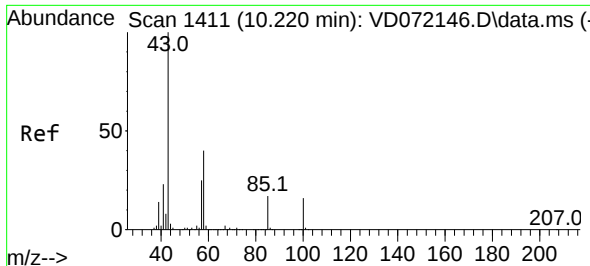
Tgt Ion: 98 Resp: 797586

Ion Ratio Lower Upper

98 100

100 66.6 52.4 78.6

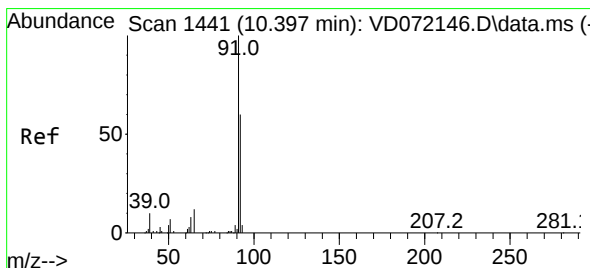
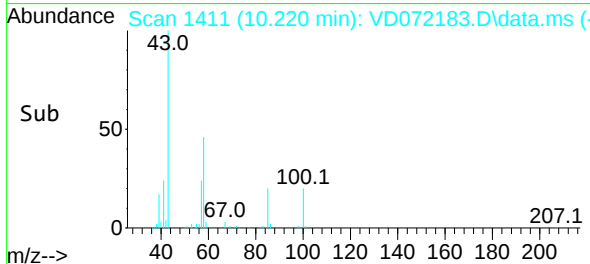
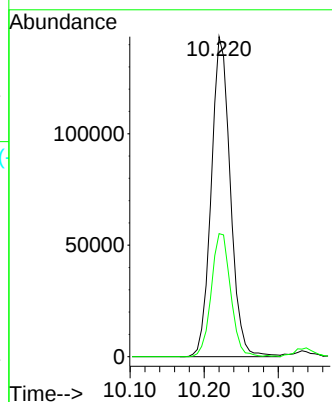
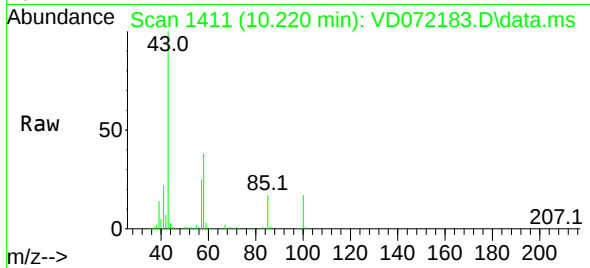




#51
4-Methyl-2-Pentanone
Concen: 97.114 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

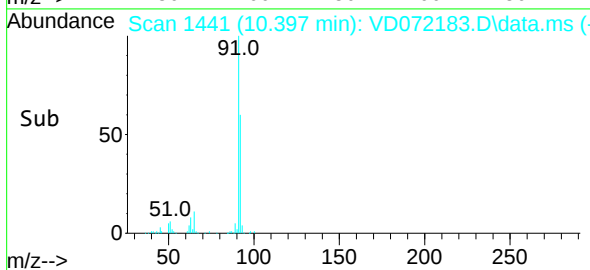
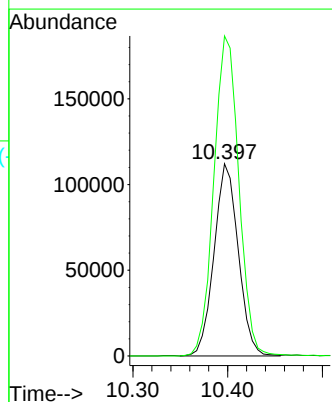
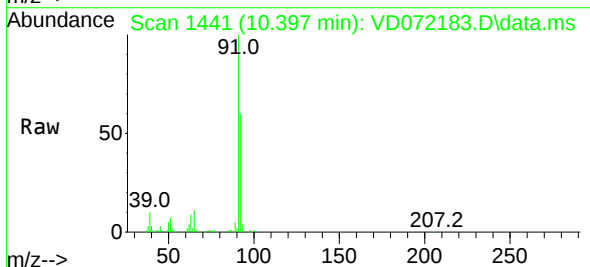
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

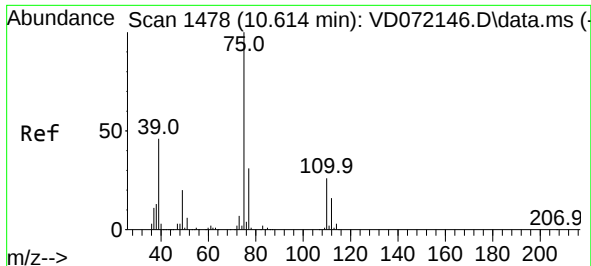
Tgt Ion: 43 Resp: 256818
Ion Ratio Lower Upper
43 100
58 38.9 28.6 43.0



#52
Toluene
Concen: 17.901 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 92 Resp: 199011
Ion Ratio Lower Upper
92 100
91 172.4 139.6 209.4

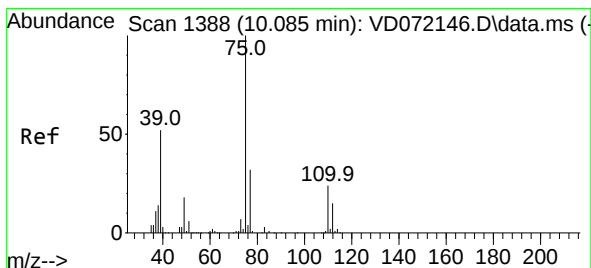
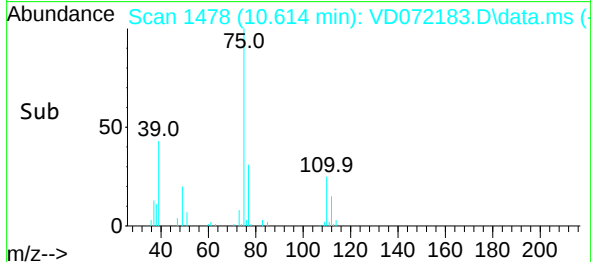
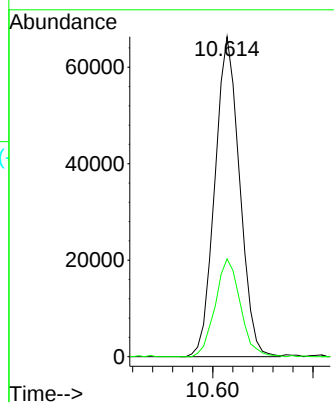
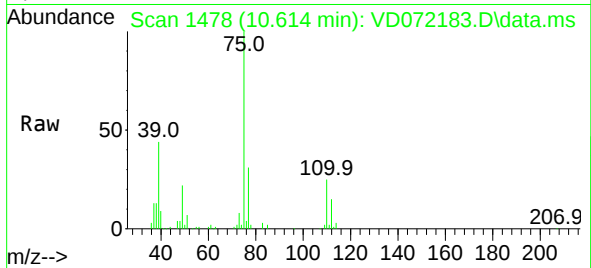




#53
 t-1,3-Dichloropropene
 Concen: 18.725 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD072183.D
 Acq: 15 Mar 2022 12:31

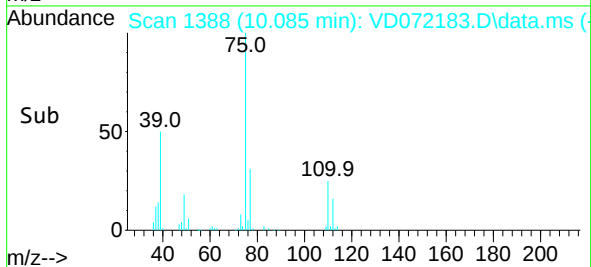
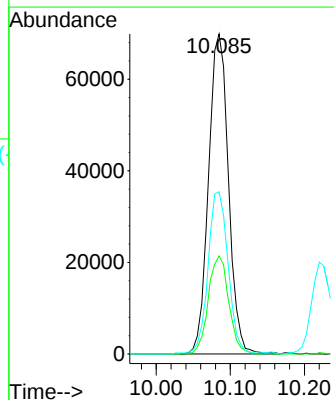
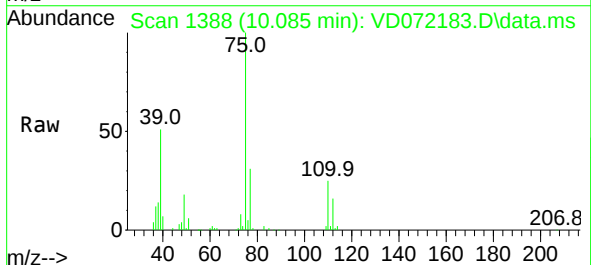
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS02

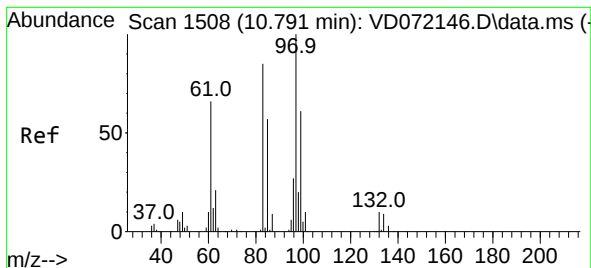
Tgt Ion: 75 Resp: 113671
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 18.619 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. 0.000 min
 Lab File: VD072183.D
 Acq: 15 Mar 2022 12:31

Tgt Ion: 75 Resp: 130661
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.8 37.2
 39 50.7 46.8 70.2





#55

1,1,2-Trichloroethane

Concen: 19.636 ug/l

RT: 10.791 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS02

Tgt Ion: 97 Resp: 68175

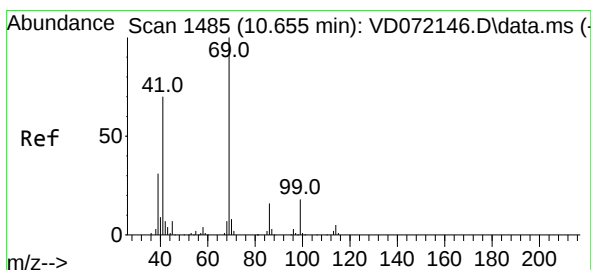
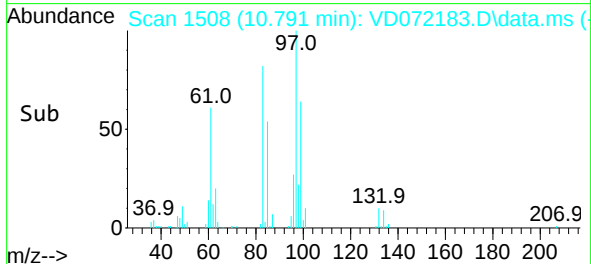
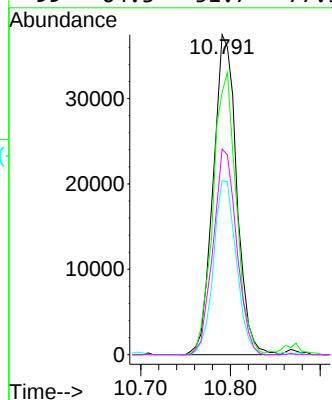
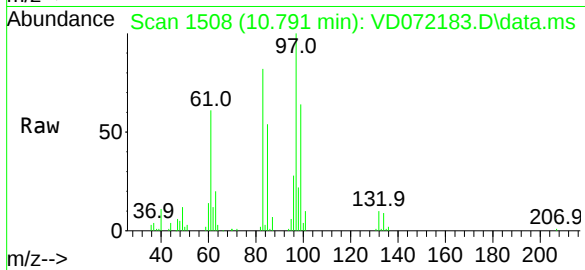
Ion Ratio Lower Upper

97 100

83 81.9 69.0 103.4

85 54.4 42.6 63.8

99 64.3 51.7 77.5



#56

Ethyl methacrylate

Concen: 18.053 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. 0.000 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

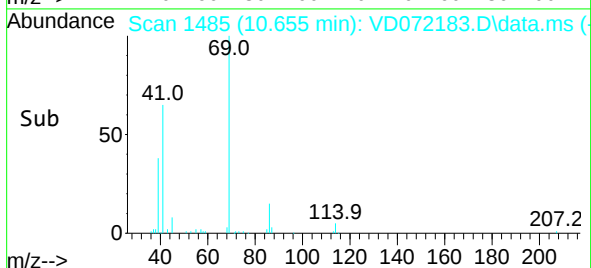
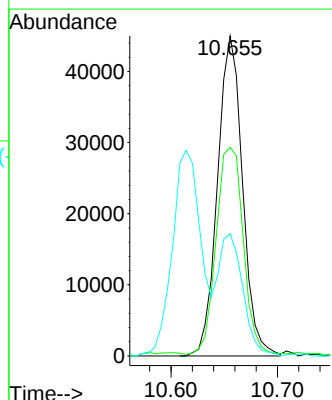
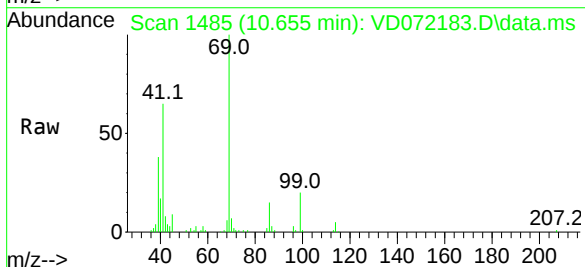
Tgt Ion: 69 Resp: 73417

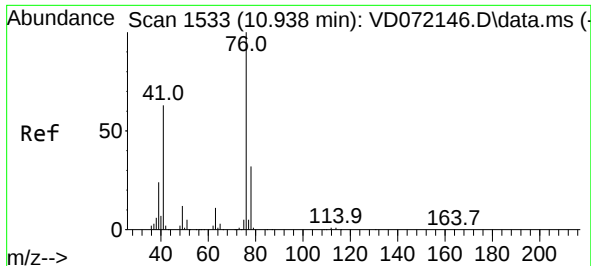
Ion Ratio Lower Upper

69 100

41 69.8 63.0 94.6

39 36.8 33.8 50.8





#57

1,3-Dichloropropane

Concen: 19.383 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

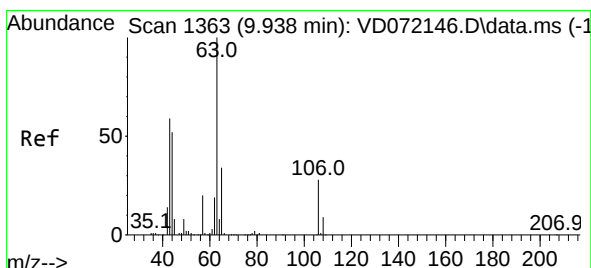
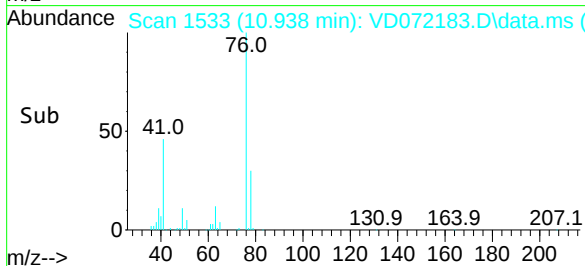
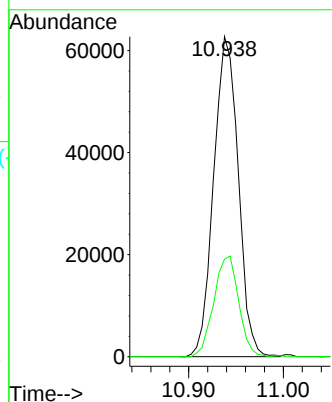
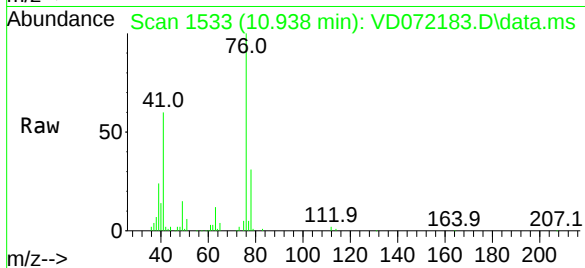
VD0315SBS02

Tgt Ion: 76 Resp: 112948

Ion Ratio Lower Upper

76 100

78 31.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 93.937 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD072183.D

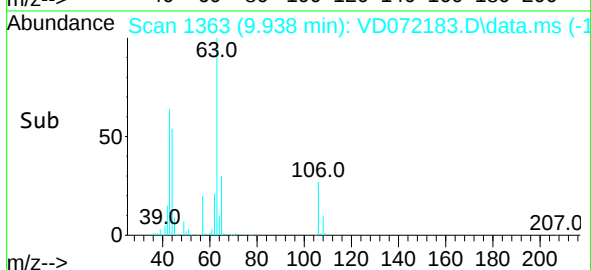
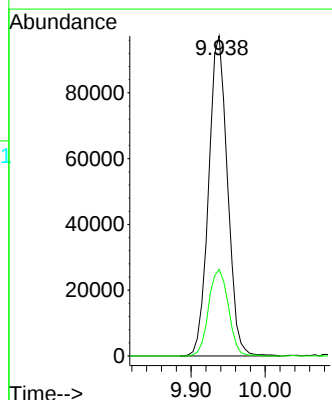
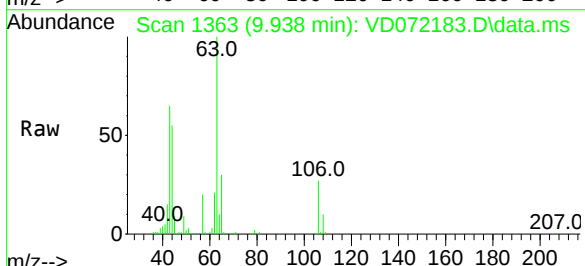
Acq: 15 Mar 2022 12:31

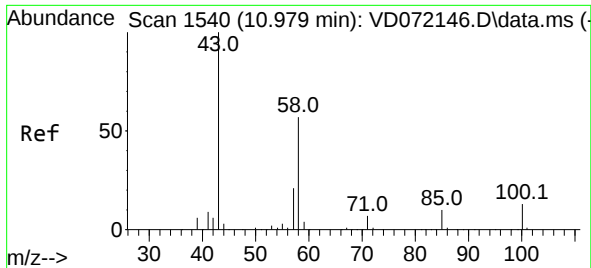
Tgt Ion: 63 Resp: 171767

Ion Ratio Lower Upper

63 100

106 28.3 21.4 32.0

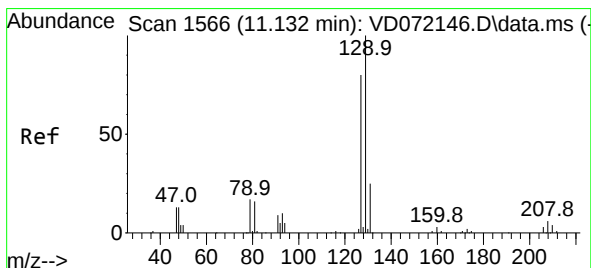
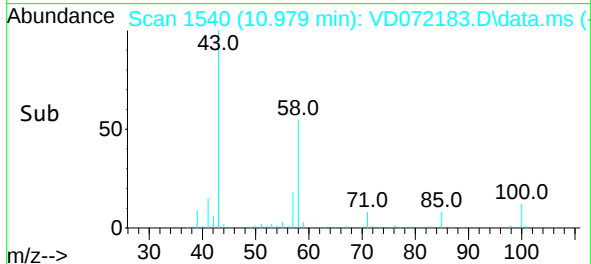
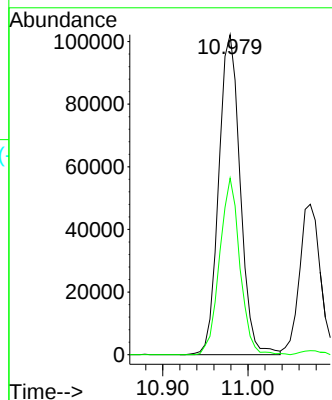
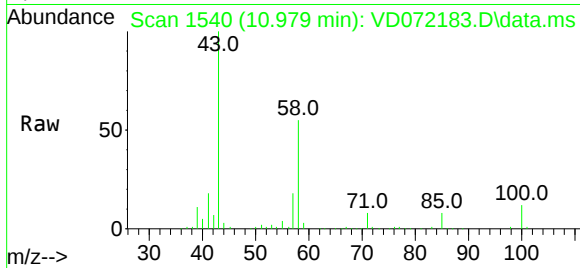




#59
2-Hexanone
Concen: 98.080 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

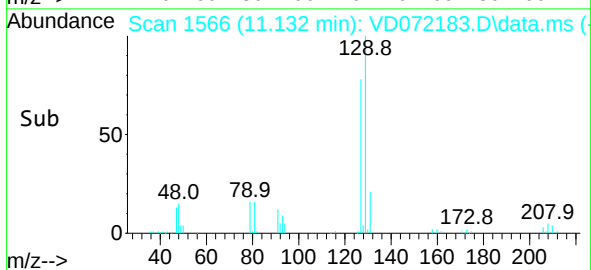
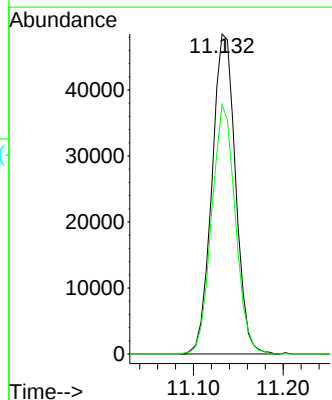
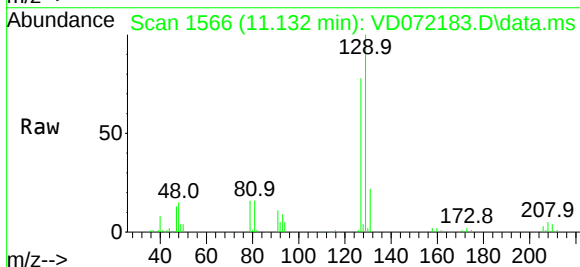
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

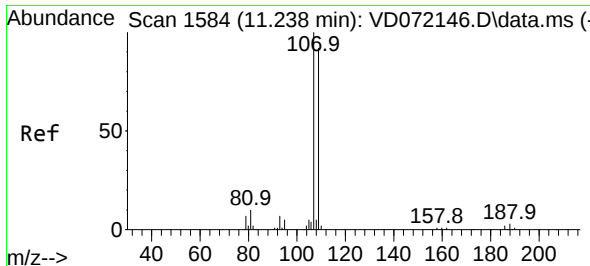
Tgt Ion: 43 Resp: 179140
Ion Ratio Lower Upper
43 100
58 52.1 25.3 75.9



#60
Dibromochloromethane
Concen: 19.621 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 129 Resp: 88399
Ion Ratio Lower Upper
129 100
127 78.2 39.2 117.6

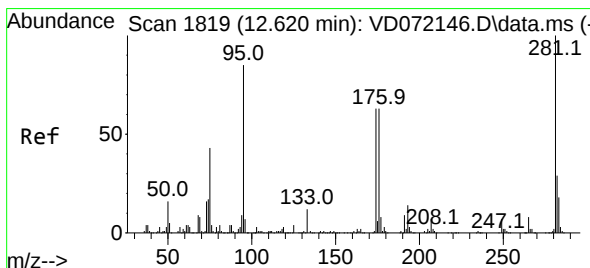
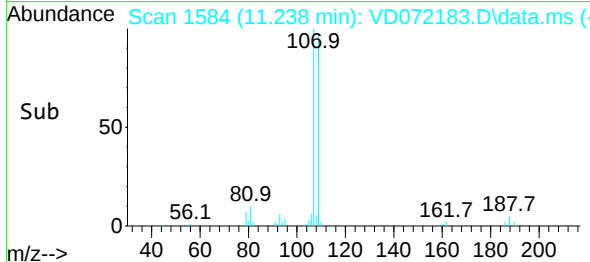
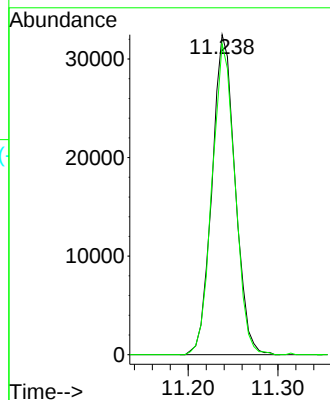
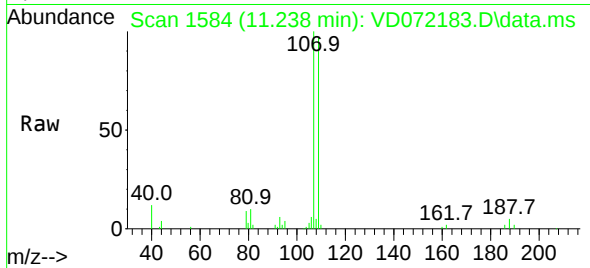




#61
1,2-Dibromoethane
Concen: 18.510 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

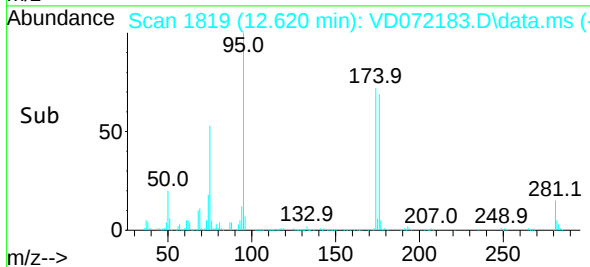
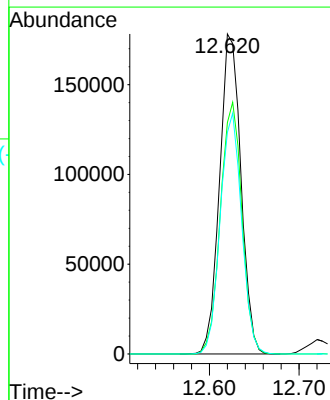
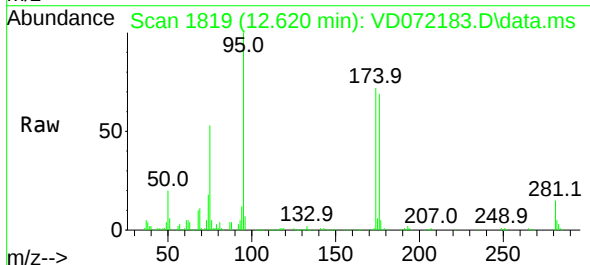
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

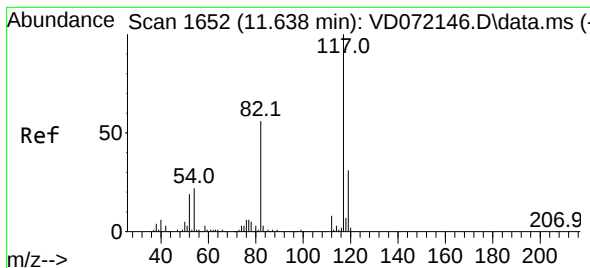
Tgt Ion:107 Resp: 58073
Ion Ratio Lower Upper
107 100
109 96.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.117 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 95 Resp: 294576
Ion Ratio Lower Upper
95 100
174 79.3 0.0 152.8
176 75.3 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS02

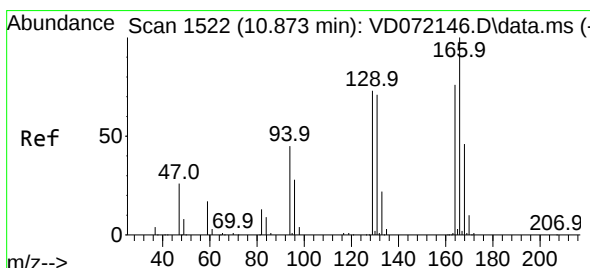
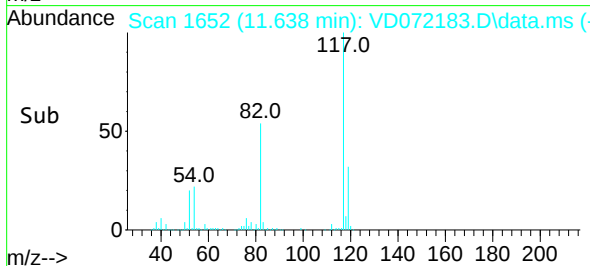
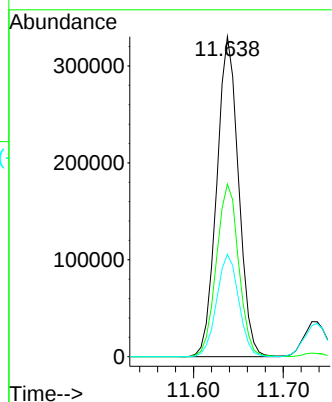
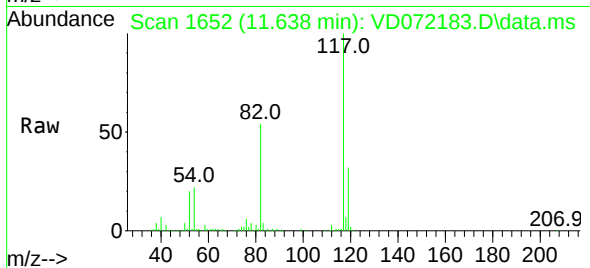
Tgt Ion:117 Resp: 557847

Ion Ratio Lower Upper

117 100

82 54.0 45.3 67.9

119 32.0 26.6 40.0



#64

Tetrachloroethene

Concen: 17.383 ug/l

RT: 10.873 min Scan# 1522

Delta R.T. 0.000 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

Tgt Ion:164 Resp: 68323

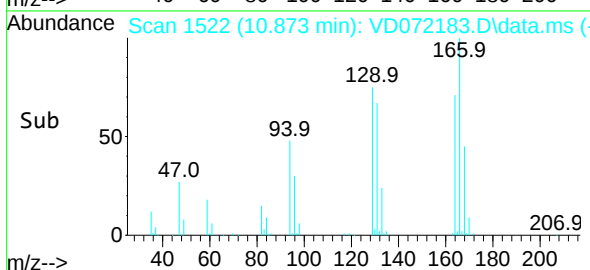
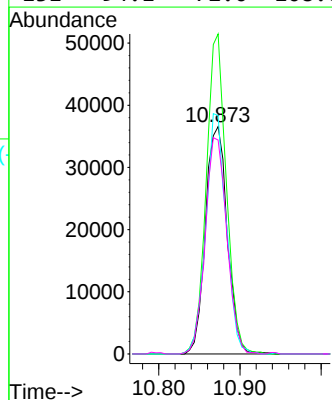
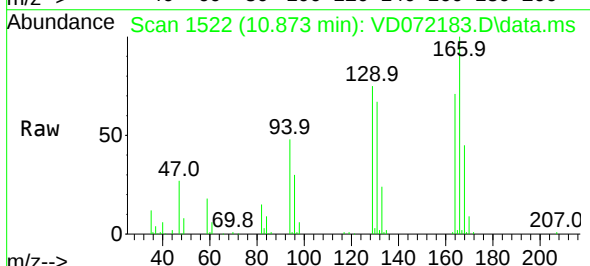
Ion Ratio Lower Upper

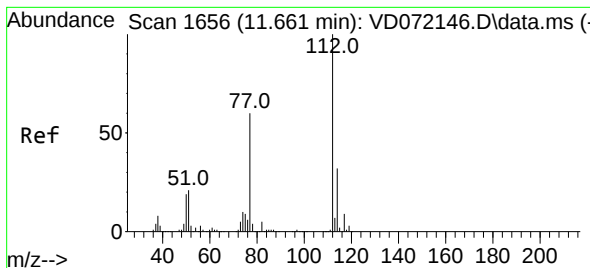
164 100

166 140.8 98.5 147.7

129 104.9 74.6 111.8

131 94.1 72.0 108.0





#65

Chlorobenzene

Concen: 18.792 ug/l

RT: 11.667 min Scan# 1657

Delta R.T. 0.006 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

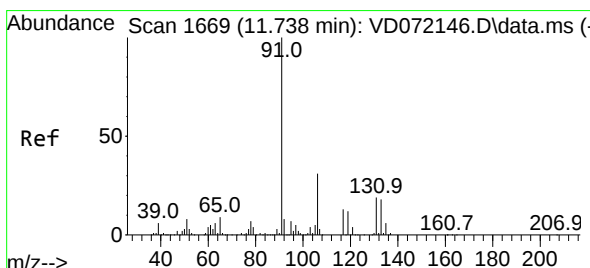
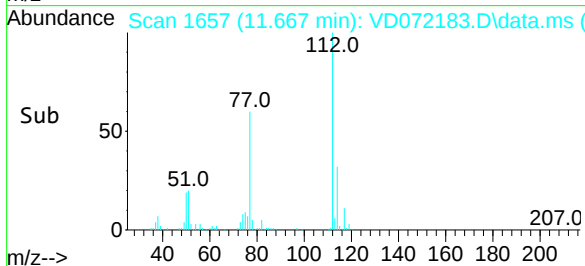
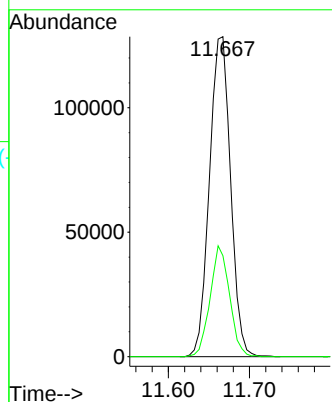
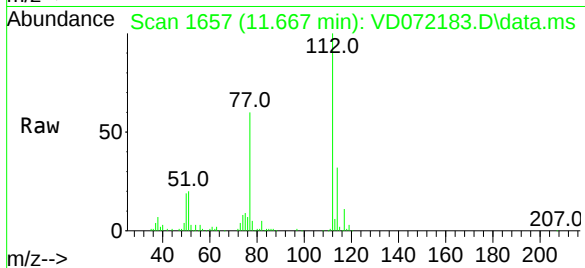
VD0315SBS02

Tgt Ion:112 Resp: 232400

Ion Ratio Lower Upper

112 100

114 31.5 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.279 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

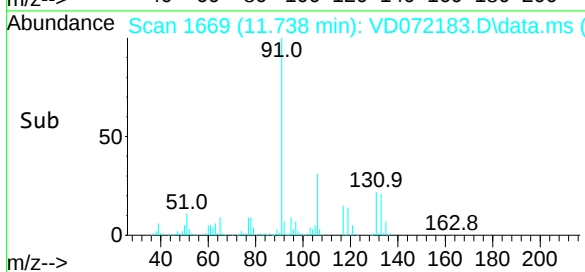
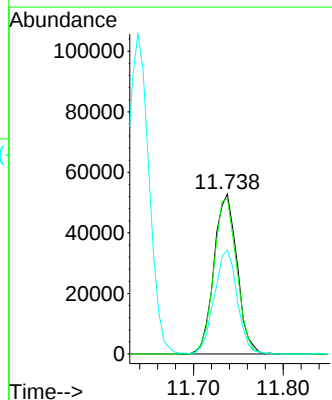
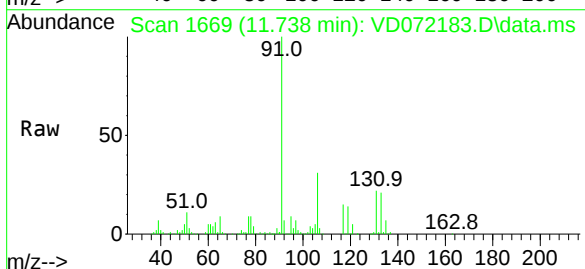
Tgt Ion:131 Resp: 94287

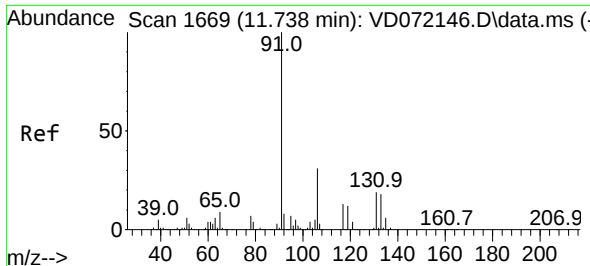
Ion Ratio Lower Upper

131 100

133 96.6 48.1 144.3

119 64.7 31.9 95.9

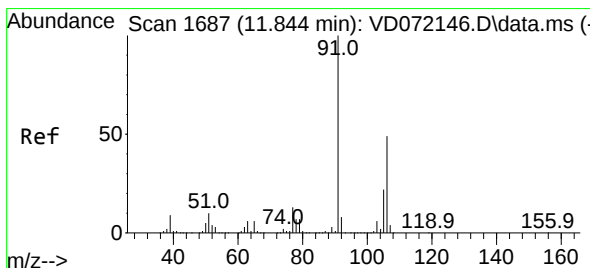
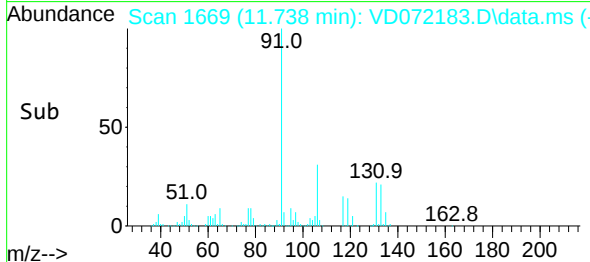
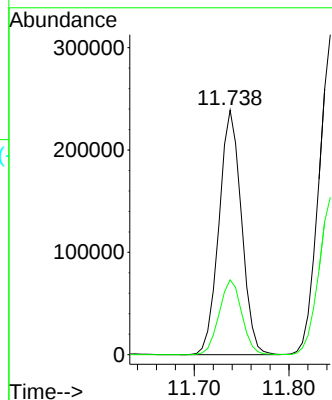
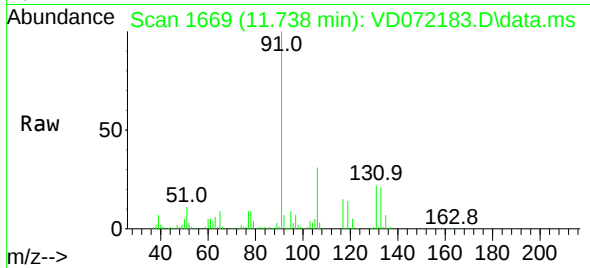




#67
Ethyl Benzene
Concen: 17.852 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

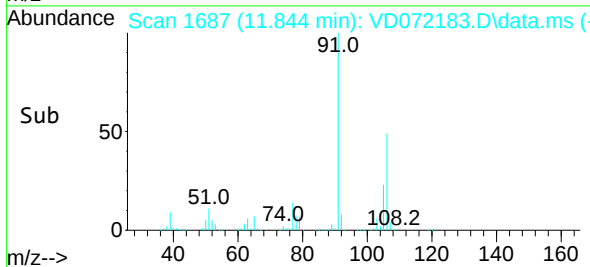
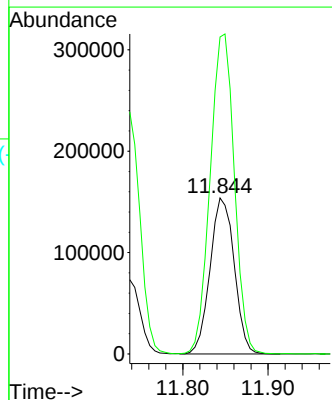
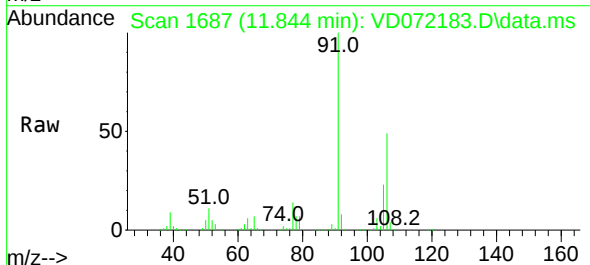
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

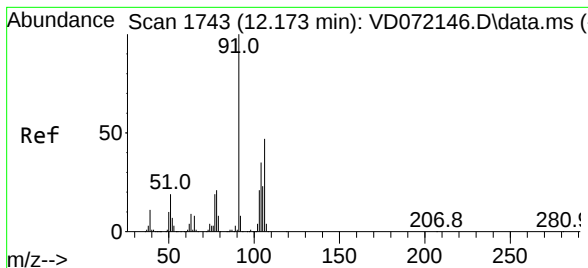
Tgt Ion: 91 Resp: 394313
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.4



#68
m/p-Xylenes
Concen: 36.145 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 106 Resp: 303158
Ion Ratio Lower Upper
106 100
91 204.9 163.7 245.5

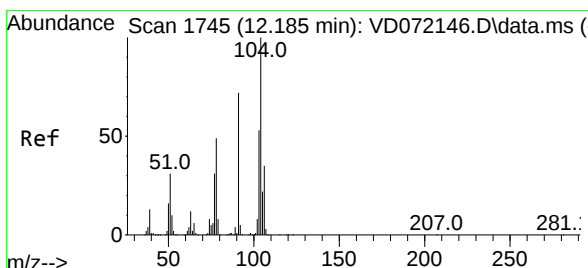
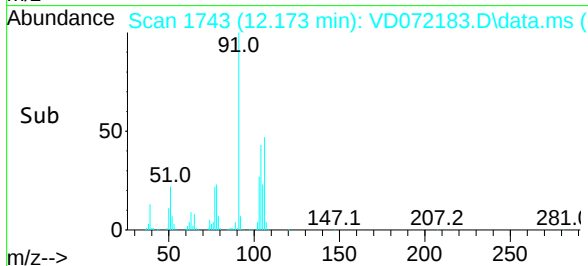
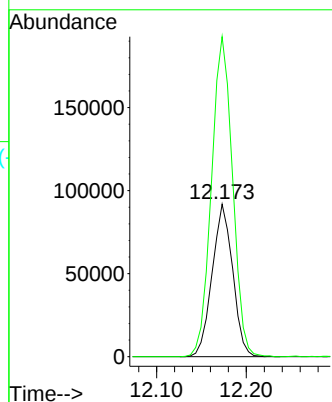
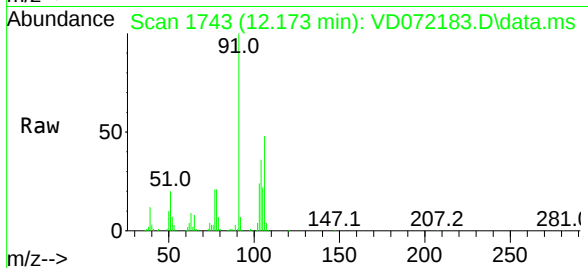




#69
o-Xylene
Concen: 18.191 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

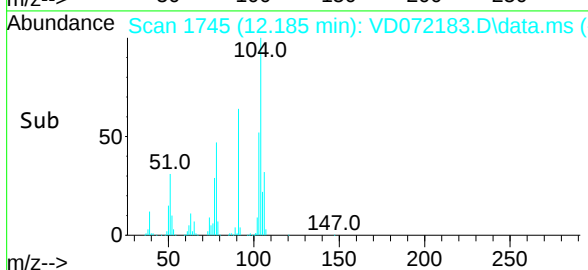
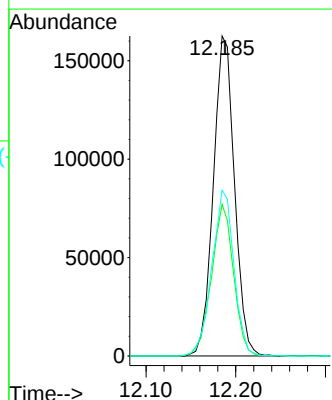
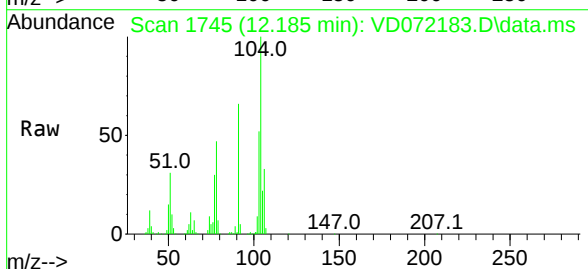
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

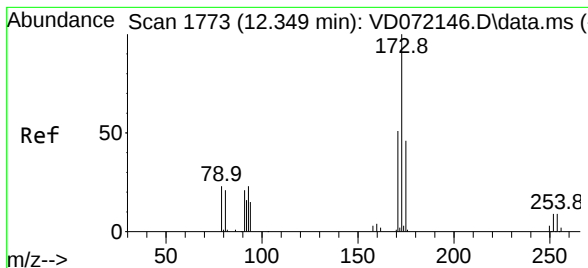
Tgt Ion:106 Resp: 145937
Ion Ratio Lower Upper
106 100
91 215.4 110.4 331.2



#70
Styrene
Concen: 18.968 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion:104 Resp: 265732
Ion Ratio Lower Upper
104 100
78 49.4 41.8 62.8
103 54.0 44.2 66.4





#71

Bromoform

Concen: 19.990 ug/l

RT: 12.355 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS02

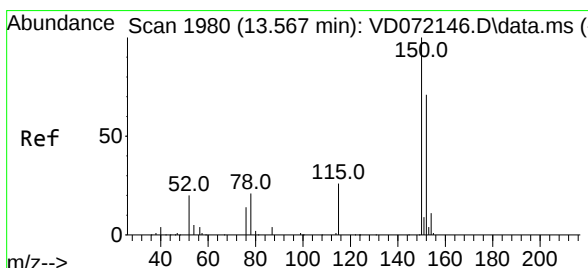
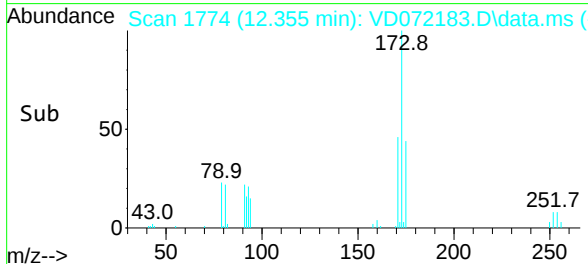
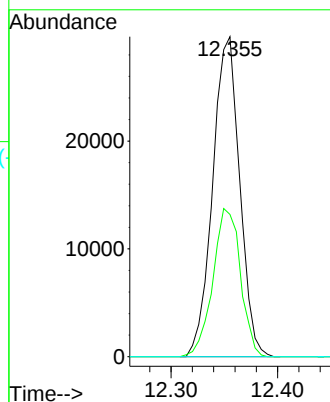
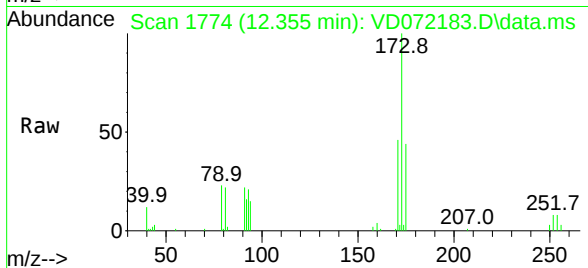
Tgt Ion:173 Resp: 52221

Ion Ratio Lower Upper

173 100

175 47.2 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: VD072183.D

Acq: 15 Mar 2022 12:31

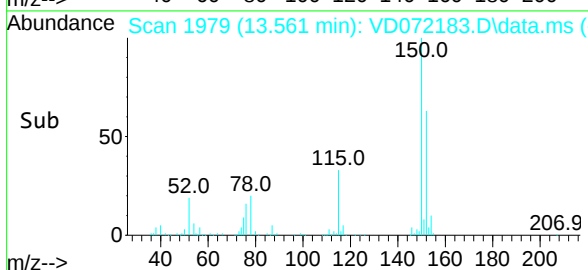
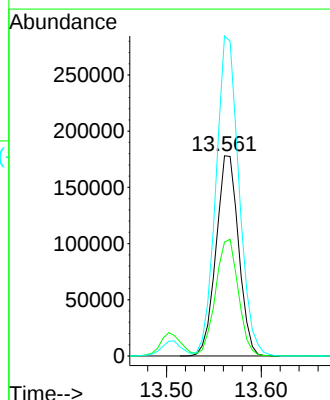
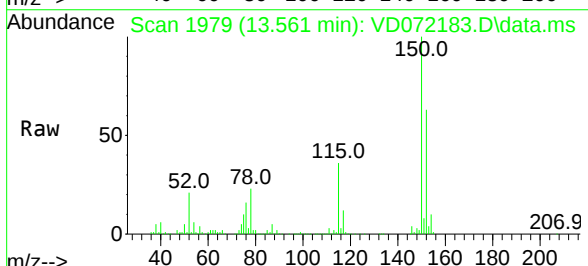
Tgt Ion:152 Resp: 294507

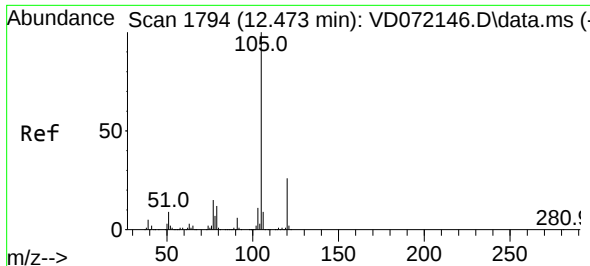
Ion Ratio Lower Upper

152 100

115 58.7 31.3 93.8

150 164.0 0.0 348.6

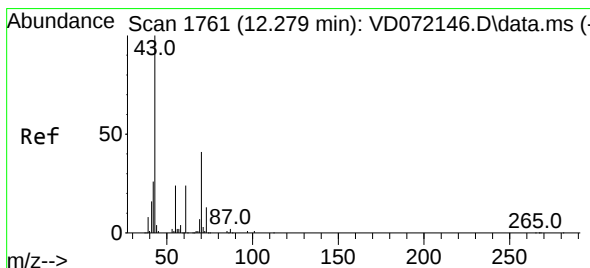
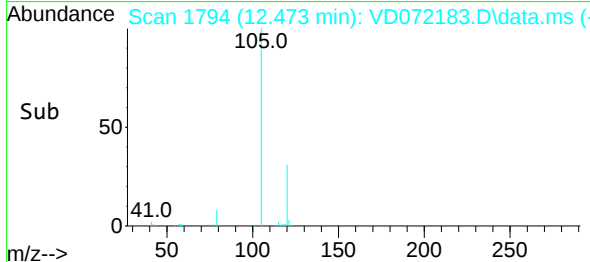
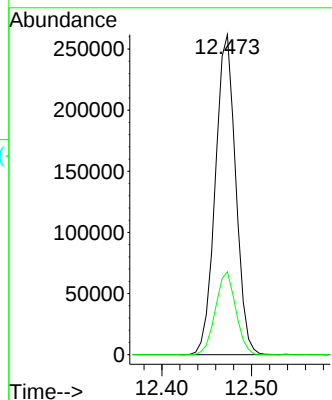
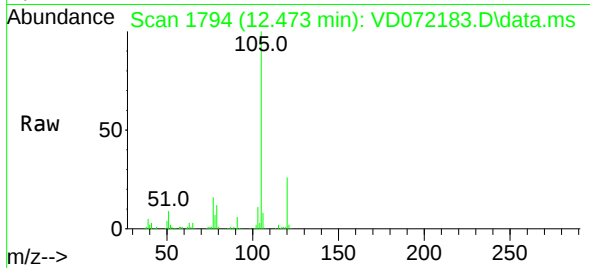




#73
Isopropylbenzene
Concen: 17.658 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

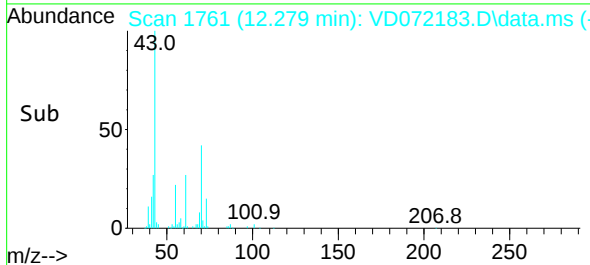
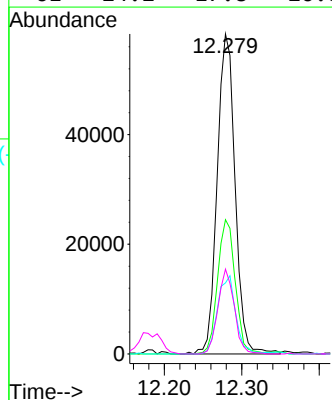
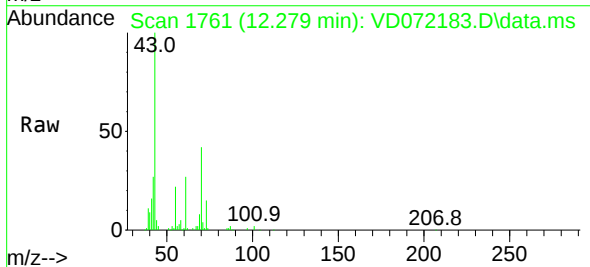
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

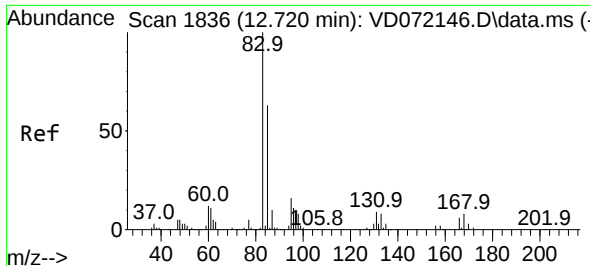
Tgt Ion:105 Resp: 412107
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 18.752 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 43 Resp: 94050
Ion Ratio Lower Upper
43 100
70 41.5 31.3 46.9
55 24.9 20.0 30.0
61 24.2 17.8 26.8

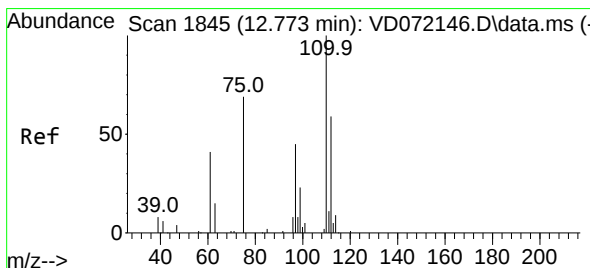
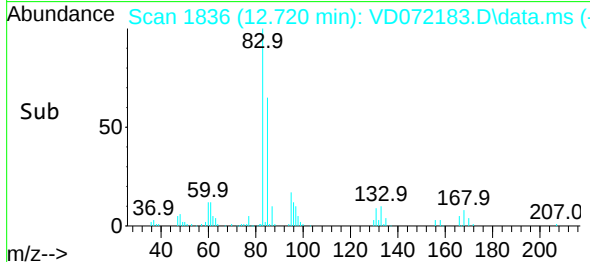
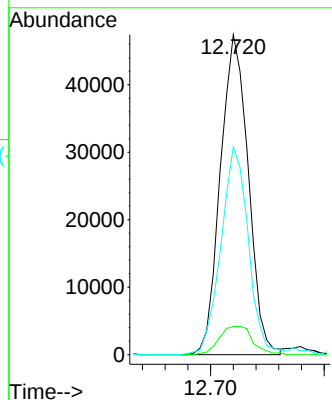
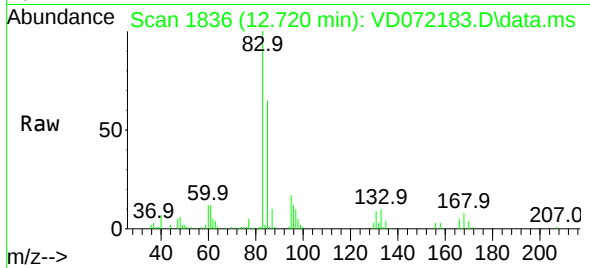




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.372 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD072183.D
 Acq: 15 Mar 2022 12:31

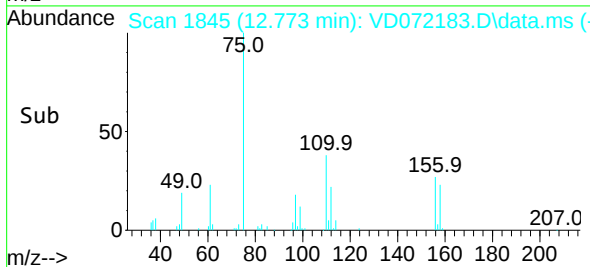
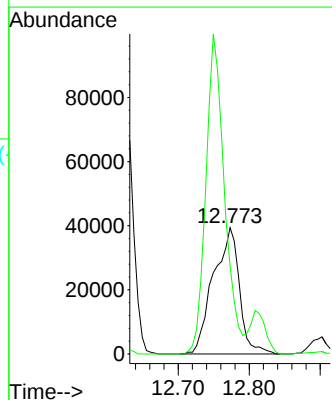
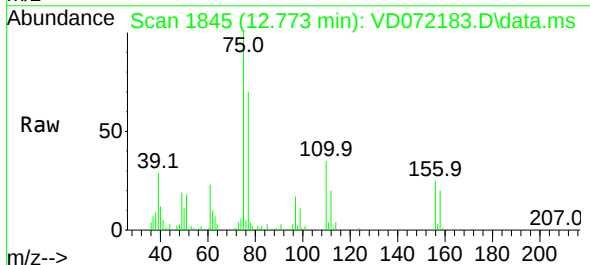
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS02

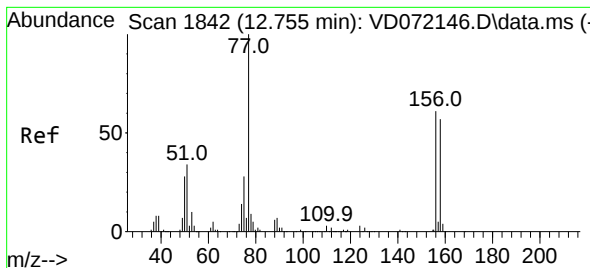
Tgt Ion: 83 Resp: 80857
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.0 14.9
 85 64.1 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 30.832 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VD072183.D
 Acq: 15 Mar 2022 12:31

Tgt Ion: 75 Resp: 100164
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.255 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS02

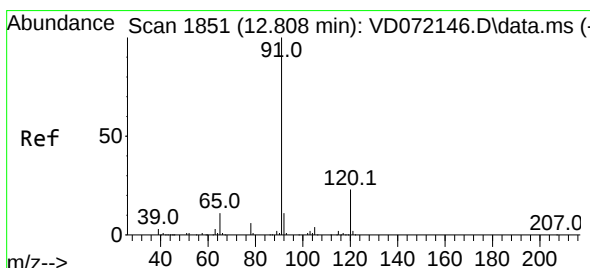
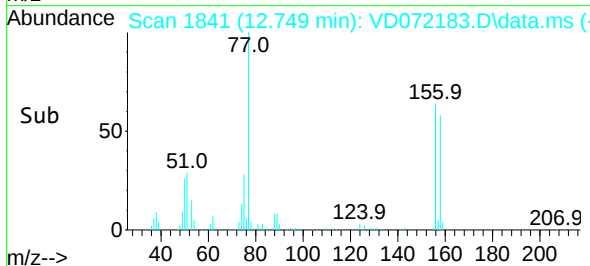
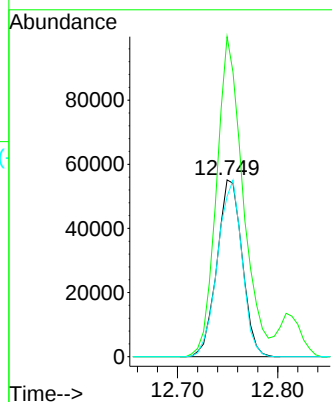
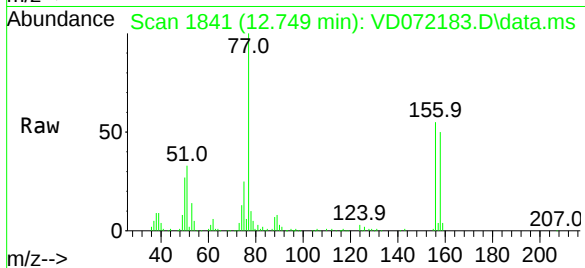
Tgt Ion:156 Resp: 95892

Ion Ratio Lower Upper

156 100

77 189.7 102.8 308.3

158 97.2 48.7 146.1



#78

n-propylbenzene

Concen: 18.044 ug/l

RT: 12.814 min Scan# 1852

Delta R.T. 0.006 min

Lab File: VD072183.D

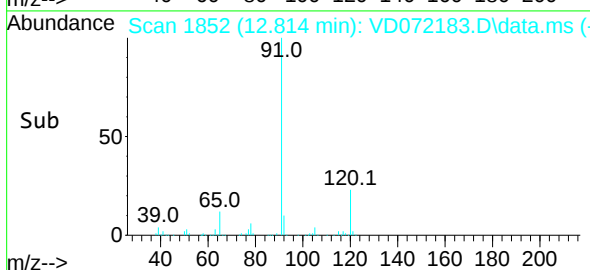
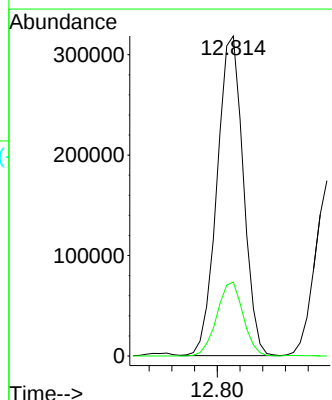
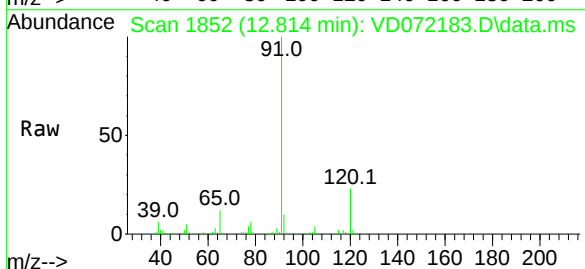
Acq: 15 Mar 2022 12:31

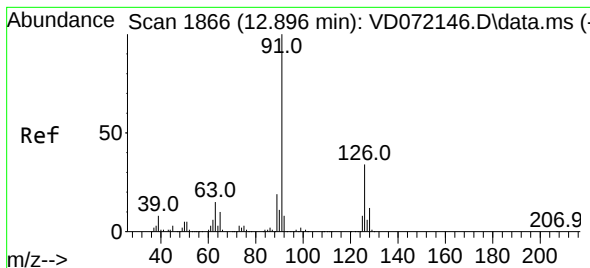
Tgt Ion: 91 Resp: 511499

Ion Ratio Lower Upper

91 100

120 23.1 10.9 32.9





#79

2-Chlorotoluene

Concen: 18.084 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

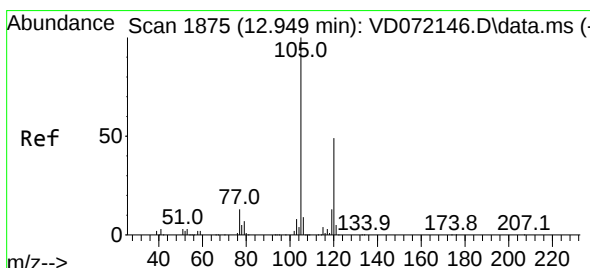
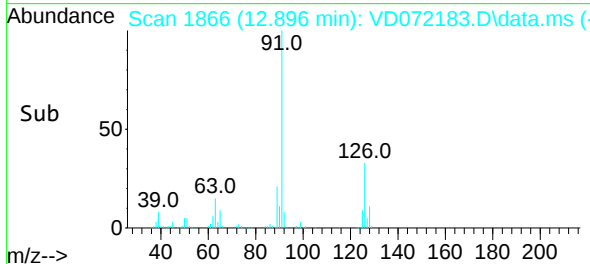
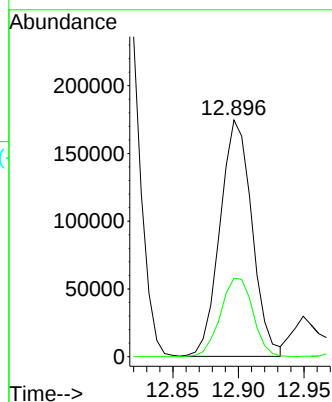
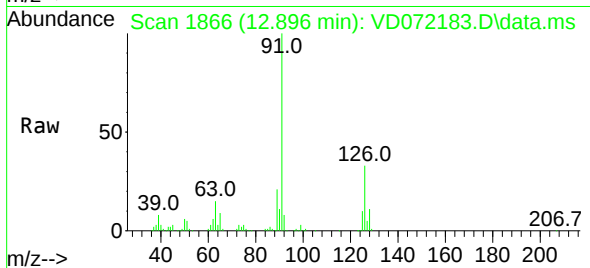
VD0315SBS02

Tgt Ion: 91 Resp: 296426

Ion Ratio Lower Upper

91 100

126 33.6 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 18.730 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD072183.D

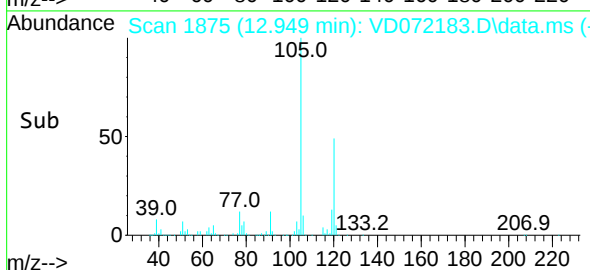
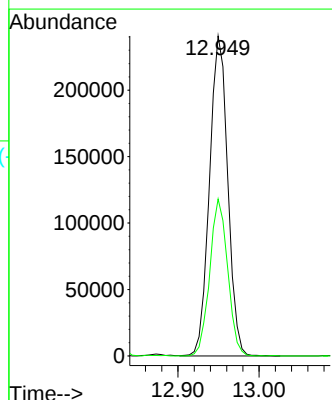
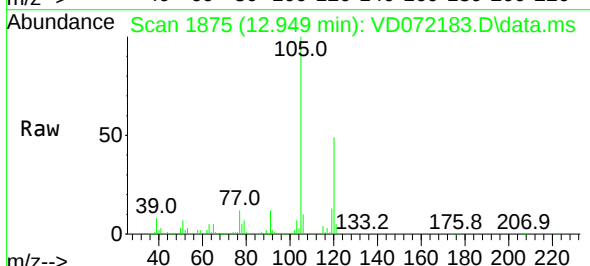
Acq: 15 Mar 2022 12:31

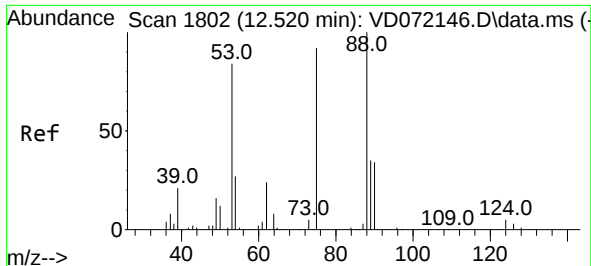
Tgt Ion:105 Resp: 375533

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8

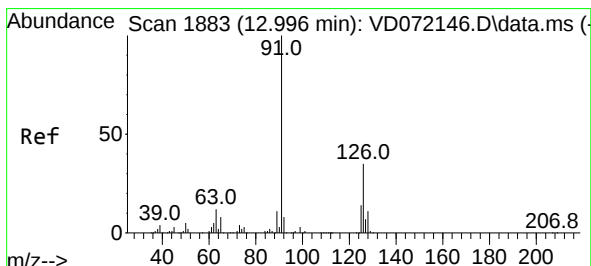
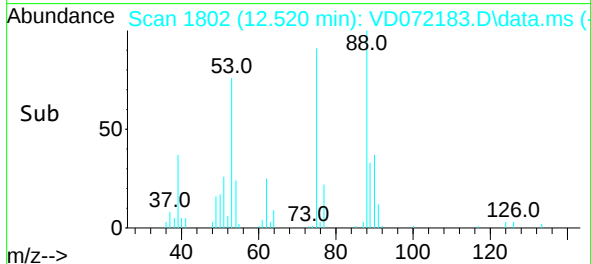
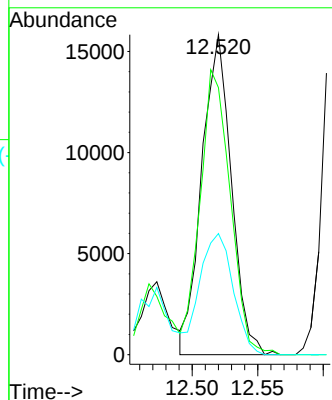
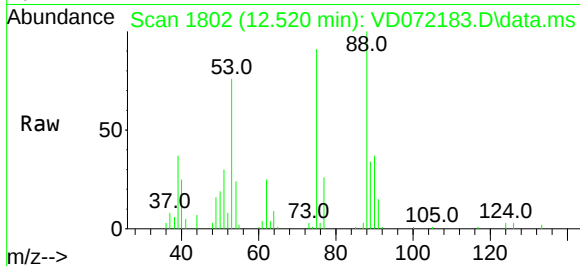




#81
trans-1,4-Dichloro-2-butene
Concen: 18.911 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

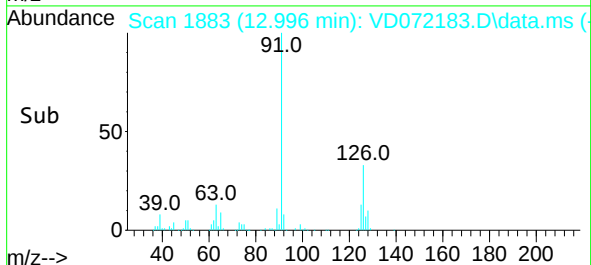
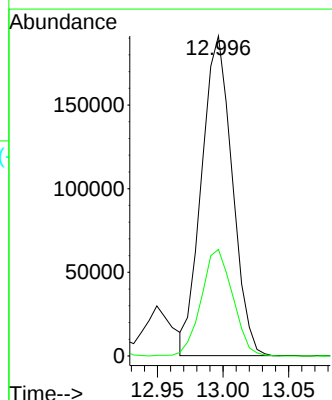
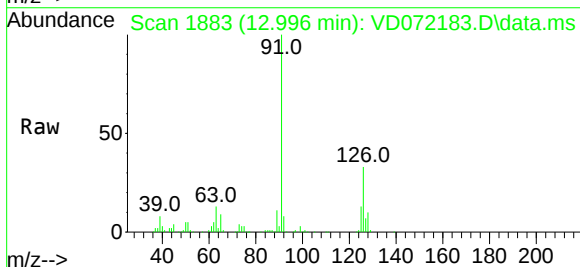
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

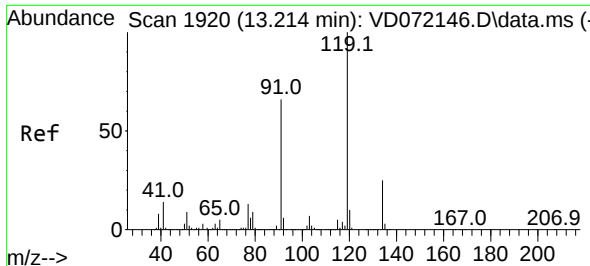
Tgt Ion: 75 Resp: 24761
Ion Ratio Lower Upper
75 100
53 91.5 86.5 129.7
89 43.2 33.9 50.9



#82
4-Chlorotoluene
Concen: 18.286 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 91 Resp: 310359
Ion Ratio Lower Upper
91 100
126 34.3 16.5 49.5

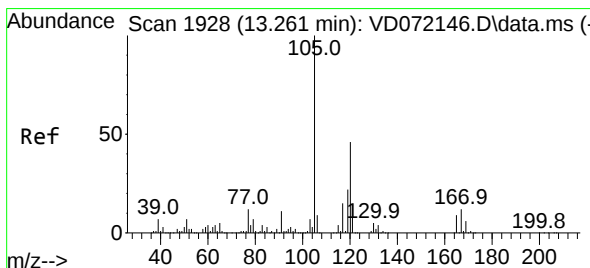
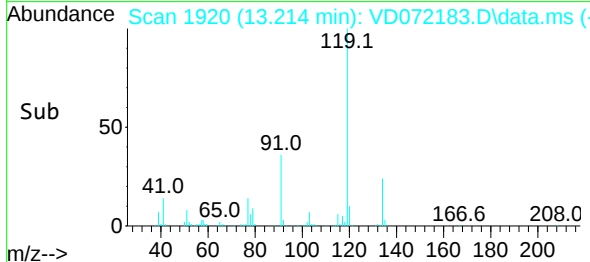
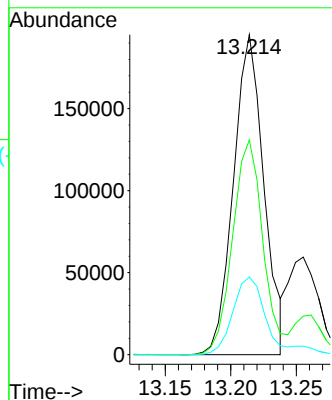
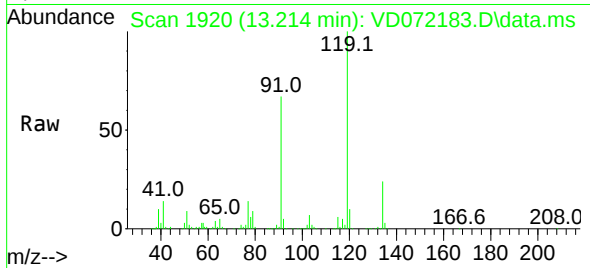




#83
tert-Butylbenzene
Concen: 17.909 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

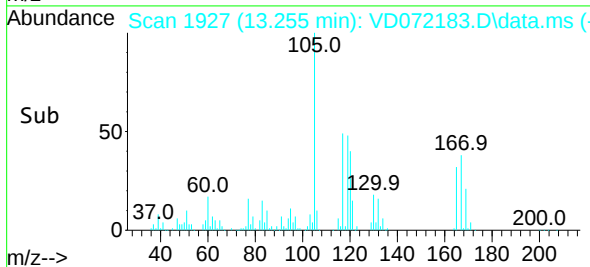
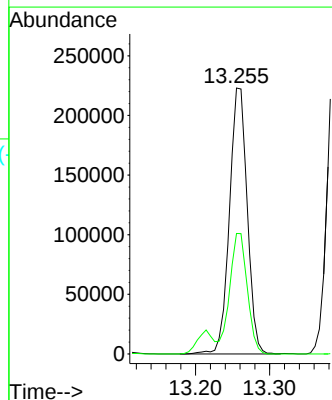
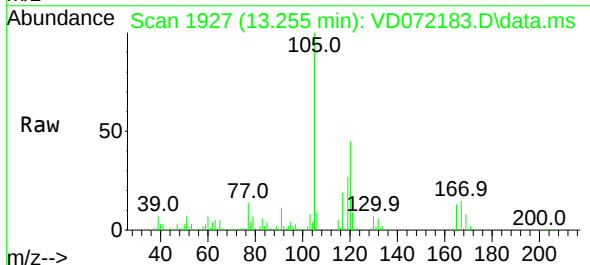
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

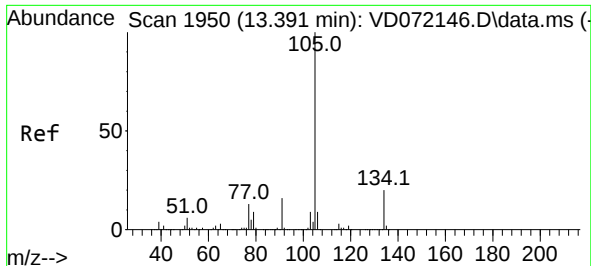
Tgt Ion:119 Resp: 314813
Ion Ratio Lower Upper
119 100
91 67.6 34.8 104.5
134 27.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 18.795 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion:105 Resp: 371306
Ion Ratio Lower Upper
105 100
120 45.3 22.3 66.8

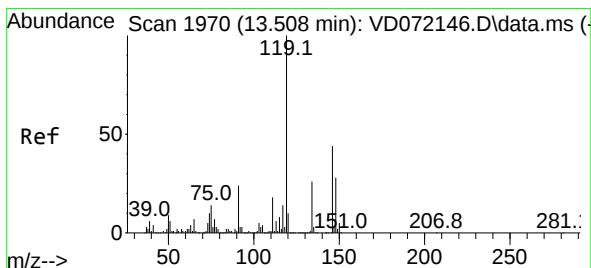
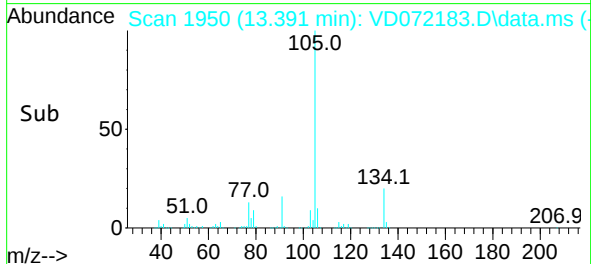
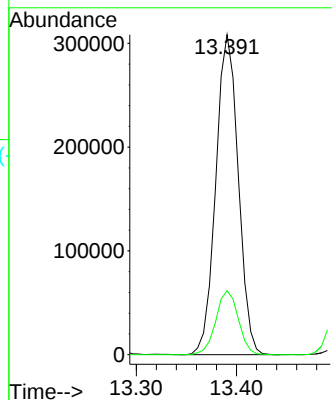
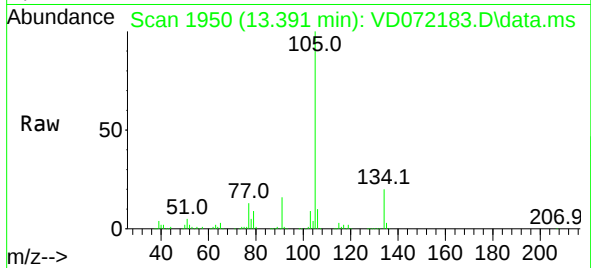




#85
 sec-Butylbenzene
 Concen: 18.144 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072183.D
 Acq: 15 Mar 2022 12:31

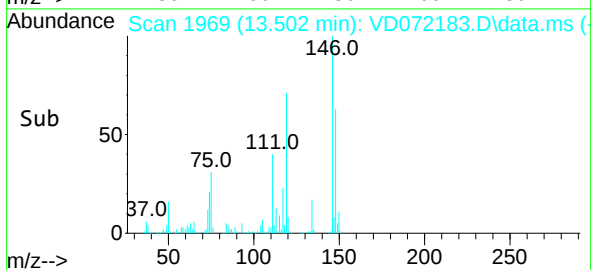
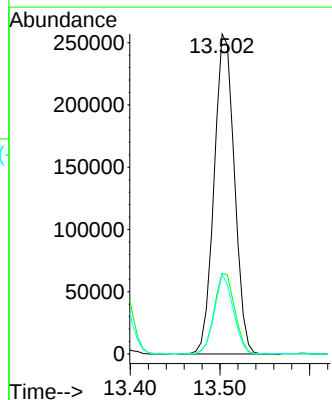
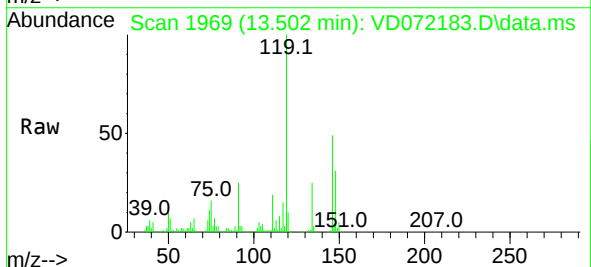
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS02

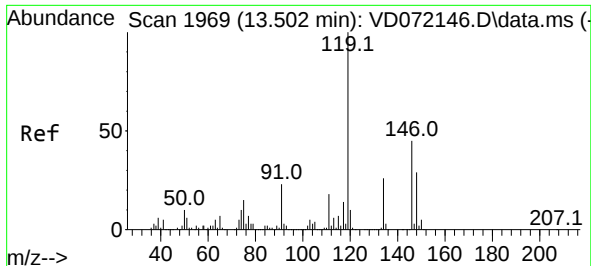
Tgt Ion:105 Resp: 478949
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.551 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072183.D
 Acq: 15 Mar 2022 12:31

Tgt Ion:119 Resp: 402953
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 23.0 12.1 36.3

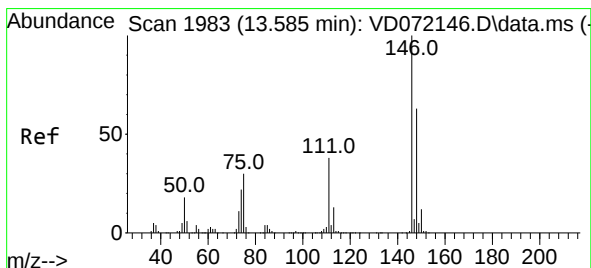
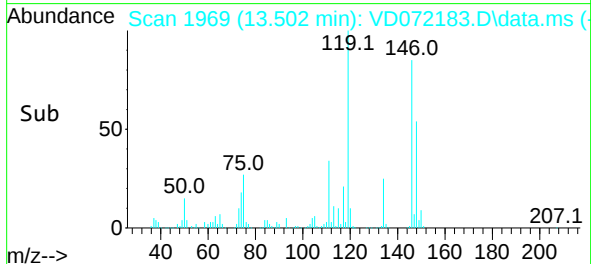
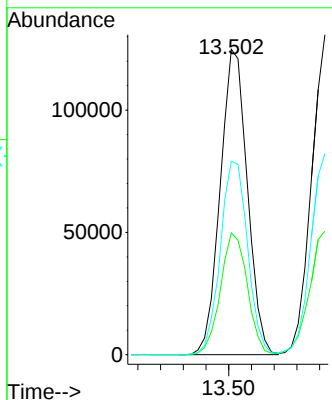
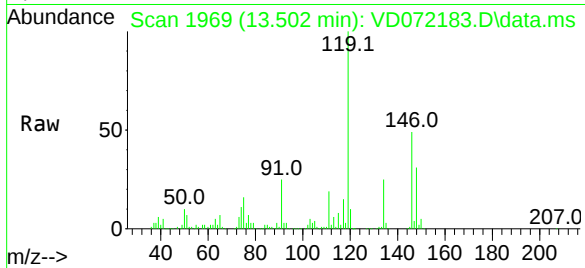




#87
1,3-Dichlorobenzene
Concen: 18.821 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

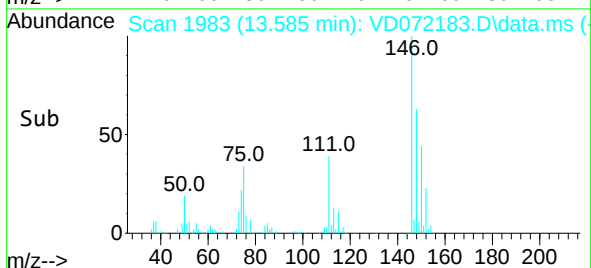
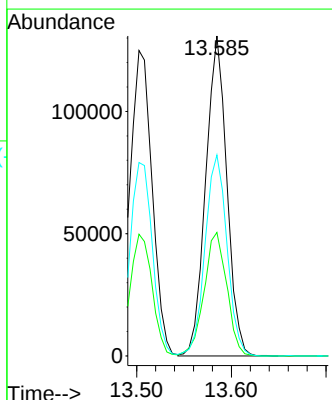
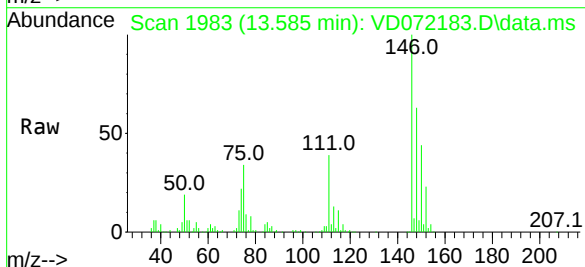
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

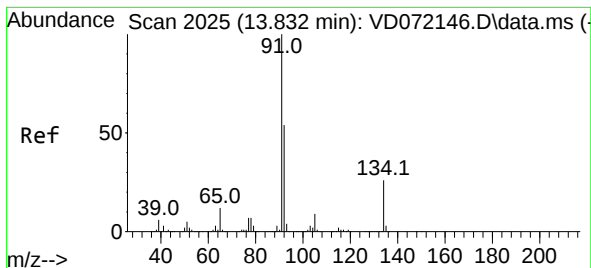
Tgt Ion:146 Resp: 207198
Ion Ratio Lower Upper
146 100
111 39.5 20.4 61.3
148 63.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 18.597 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion:146 Resp: 203013
Ion Ratio Lower Upper
146 100
111 41.4 20.3 60.9
148 65.2 31.7 95.1





#89

n-Butylbenzene

Concen: 18.486 ug/l

RT: 13.832 min Scan# 2025

Delta R.T. 0.000 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS02

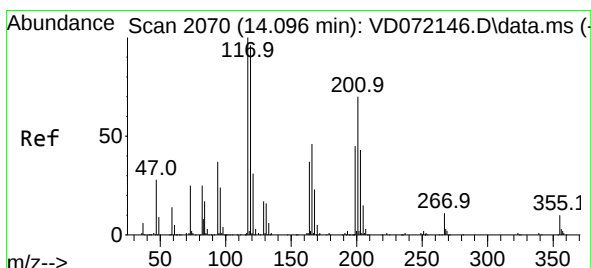
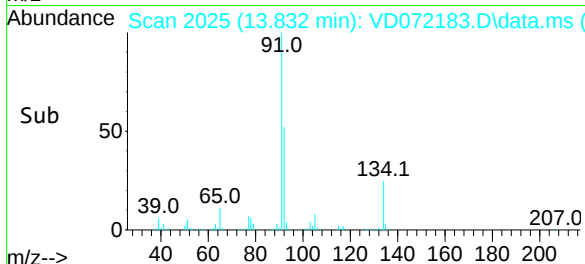
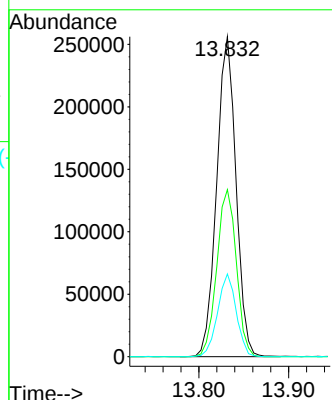
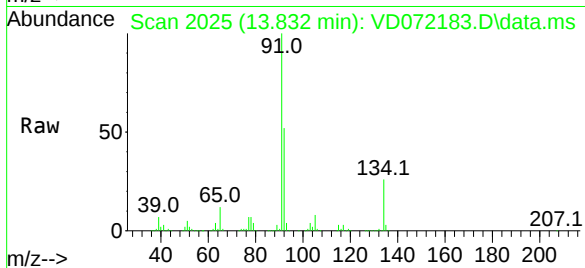
Tgt Ion: 91 Resp: 382743

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.8

134 25.0 12.3 36.9



#90

Hexachloroethane

Concen: 18.844 ug/l

RT: 14.102 min Scan# 2071

Delta R.T. 0.006 min

Lab File: VD072183.D

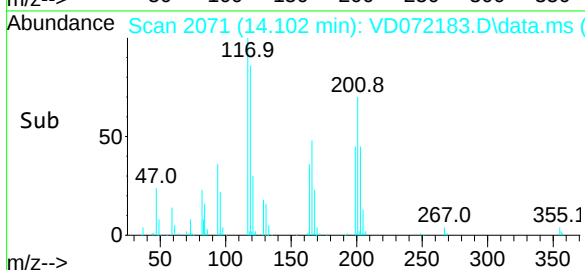
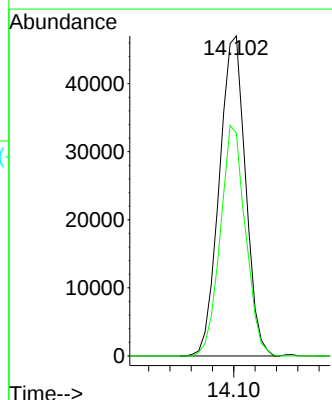
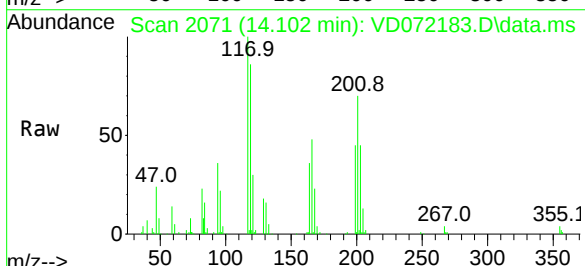
Acq: 15 Mar 2022 12:31

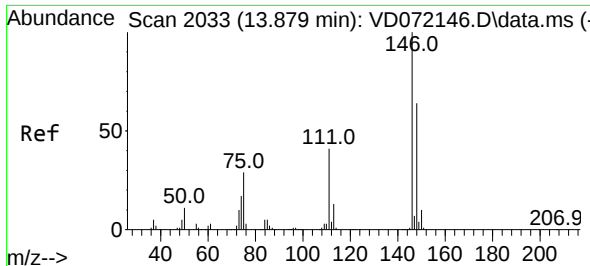
Tgt Ion: 117 Resp: 80224

Ion Ratio Lower Upper

117 100

201 69.2 33.4 100.2

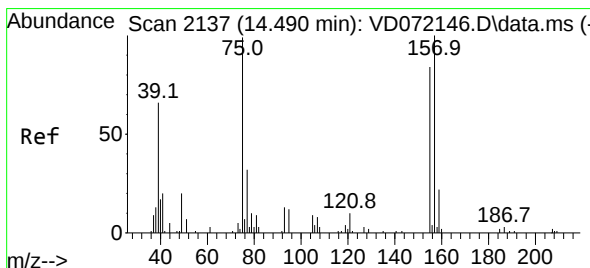
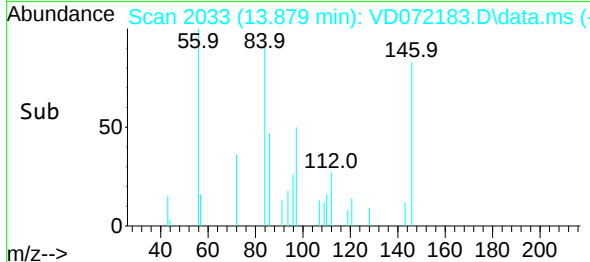
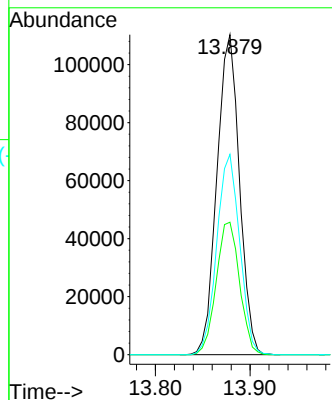
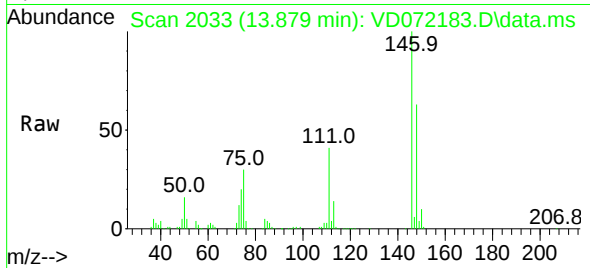




#91
1,2-Dichlorobenzene
Concen: 19.032 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

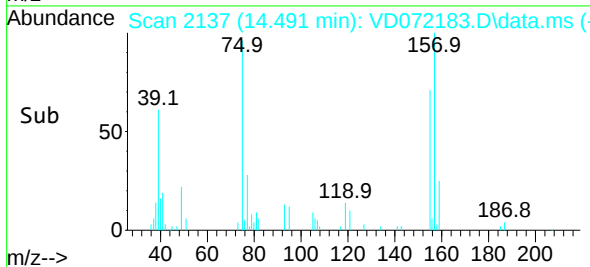
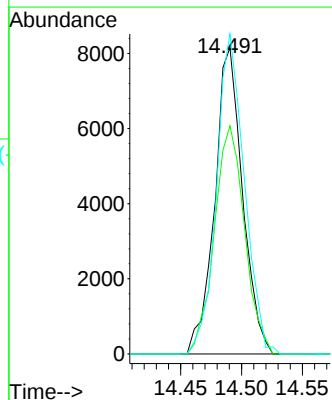
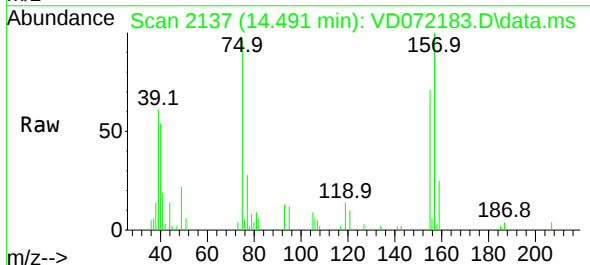
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

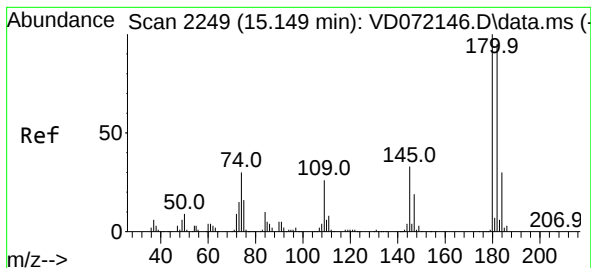
Tgt Ion:146 Resp: 182675
Ion Ratio Lower Upper
146 100
111 42.8 21.1 63.3
148 63.6 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.483 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD072183.D
Acq: 15 Mar 2022 12:31

Tgt Ion: 75 Resp: 12978
Ion Ratio Lower Upper
75 100
155 80.6 36.8 110.3
157 104.4 48.4 145.0

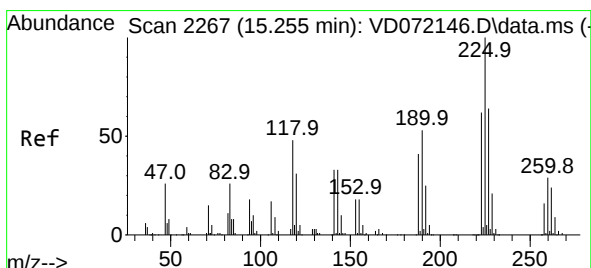
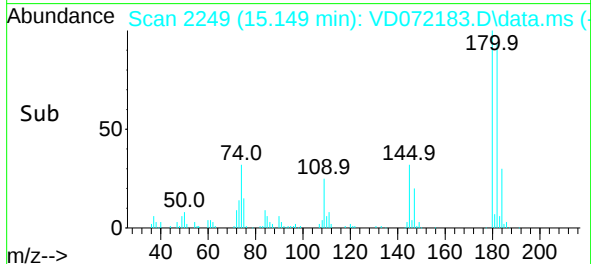
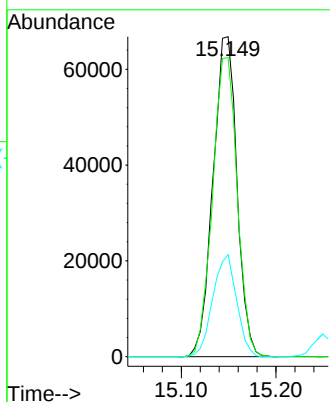
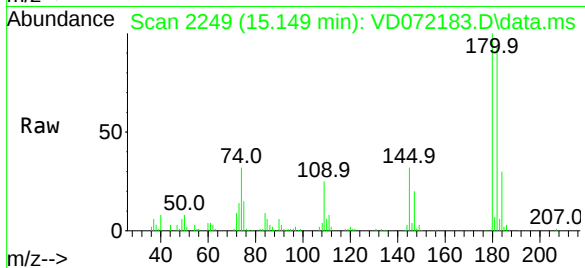




#93
 1,2,4-Trichlorobenzene
 Concen: 18.477 ug/l
 RT: 15.149 min Scan# 2249
 Delta R.T. 0.000 min
 Lab File: VD072183.D
 Acq: 15 Mar 2022 12:31

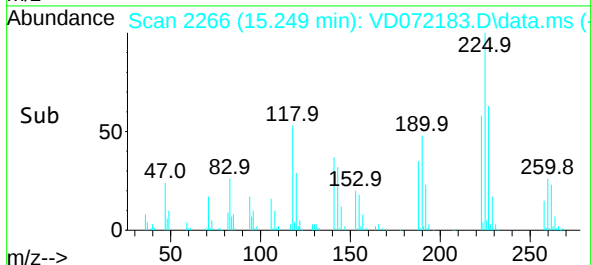
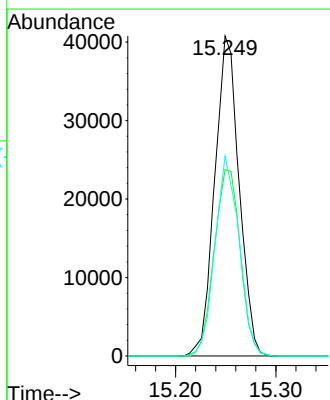
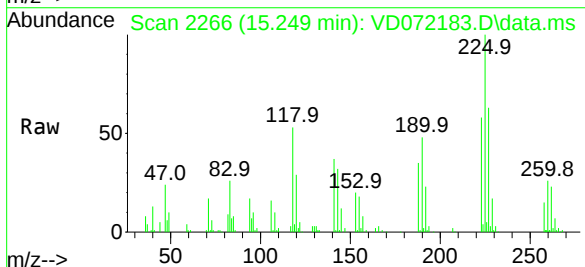
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS02

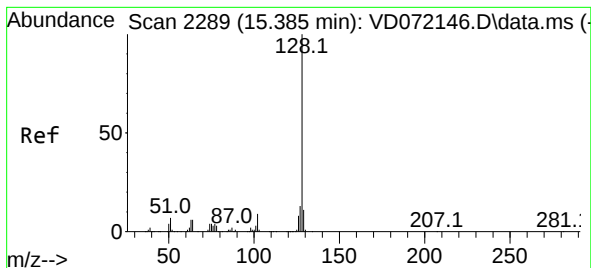
Tgt Ion:180 Resp: 117413
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.3 142.0
 145 31.7 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 18.584 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: VD072183.D
 Acq: 15 Mar 2022 12:31

Tgt Ion:225 Resp: 68696
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.1 93.2
 227 61.9 32.4 97.0





#95

Naphthalene

Concen: 17.775 ug/l

RT: 15.385 min Scan# 2289

Delta R.T. 0.000 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS02

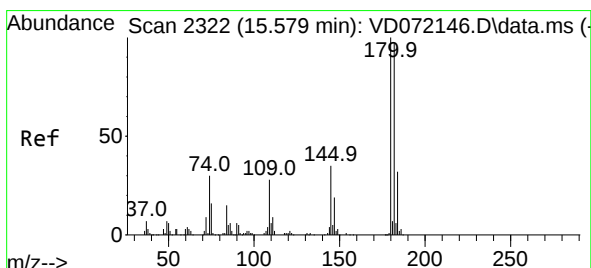
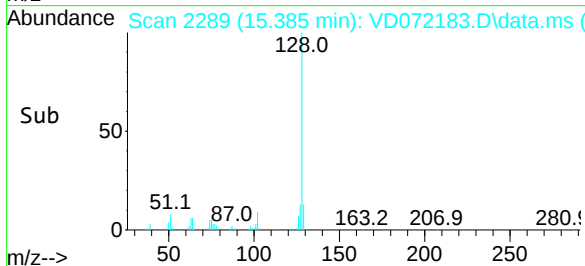
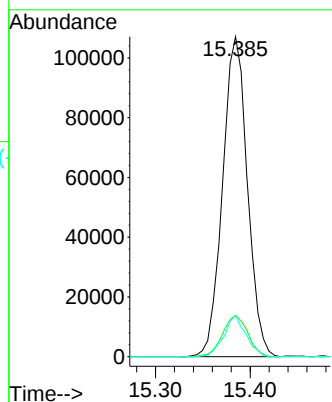
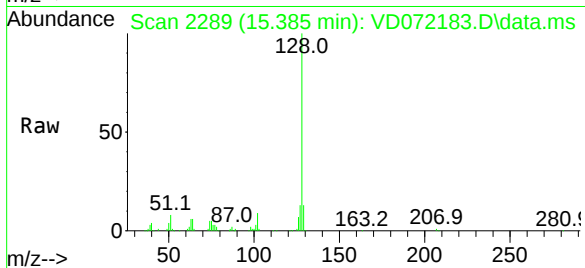
Tgt Ion:128 Resp: 194709

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.5 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 18.561 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VD072183.D

Acq: 15 Mar 2022 12:31

Tgt Ion:180 Resp: 102097

Ion Ratio Lower Upper

180 100

182 96.8 47.6 142.9

145 34.4 17.1 51.3

