

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073145.D
 Acq On : 19 May 2022 18:22
 Operator : VA/SY
 Sample : VD0519SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS01

Quant Time: May 20 01:49:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	336019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	573903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	539700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	262999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	188029	50.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.260%
35) Dibromofluoromethane	7.908	113	191751	50.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.260%
50) Toluene-d8	10.332	98	724756	51.917	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.840%
62) 4-Bromofluorobenzene	12.620	95	253215	51.686	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.380%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	72734	21.662	ug/l	98
3) Chloromethane	2.209	50	76669	20.194	ug/l	99
4) Vinyl Chloride	2.344	62	68512	19.734	ug/l	99
5) Bromomethane	2.750	94	48936	19.528	ug/l	94
6) Chloroethane	2.914	64	42280	19.811	ug/l	91
7) Trichlorofluoromethane	3.267	101	123369	20.097	ug/l	98
8) Diethyl Ether	3.709	74	32708	19.390	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.085	101	73007	19.932	ug/l	96
10) Methyl Iodide	4.303	142	67997	17.207	ug/l	99
11) Tert butyl alcohol	5.185	59	42563	73.875	ug/l #	74
12) 1,1-Dichloroethene	4.061	96	66862	19.800	ug/l	86
13) Acrolein	3.920	56	28084	113.759	ug/l	98
14) Allyl chloride	4.708	41	101918	18.698	ug/l	90
15) Acrylonitrile	5.414	53	80109	103.856	ug/l	96
16) Acetone	4.156	43	57458	89.330	ug/l	93
17) Carbon Disulfide	4.409	76	220671	19.712	ug/l	99
18) Methyl Acetate	4.720	43	36800	20.575	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	150343	19.543	ug/l	98
20) Methylene Chloride	4.961	84	102470	22.957	ug/l	87
21) trans-1,2-Dichloroethene	5.461	96	81546	19.972	ug/l	90
22) Diisopropyl ether	6.367	45	233385	20.425	ug/l	95
23) Vinyl Acetate	6.303	43	602578	98.865	ug/l #	92
24) 1,1-Dichloroethane	6.261	63	145446	19.830	ug/l	98
25) 2-Butanone	7.208	43	91323	97.044	ug/l #	85
26) 2,2-Dichloropropane	7.202	77	119625	19.125	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	89129	19.728	ug/l	92
28) Bromochloromethane	7.544	49	47337	18.734	ug/l #	82
29) Tetrahydrofuran	7.561	42	60724	99.793	ug/l	91
30) Chloroform	7.702	83	150396	19.641	ug/l	95
31) Cyclohexane	7.979	56	124296	19.154	ug/l #	86
32) 1,1,1-Trichloroethane	7.902	97	130735	19.521	ug/l	96
36) 1,1-Dichloropropene	8.108	75	112023	19.668	ug/l	97
37) Ethyl Acetate	7.297	43	43221	19.212	ug/l #	91
38) Carbon Tetrachloride	8.091	117	113993	19.744	ug/l	99
39) Methylcyclohexane	9.349	83	122042	19.227	ug/l	95
40) Benzene	8.344	78	327635	19.960	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	25340	19.332	ug/l #	90
42) 1,2-Dichloroethane	8.420	62	93239	20.414	ug/l	96
43) Isopropyl Acetate	8.449	43	84697	20.368	ug/l	95
44) Trichloroethene	9.102	130	86952	19.865	ug/l	90
45) 1,2-Dichloropropane	9.379	63	81585	19.736	ug/l	96
46) Dibromomethane	9.467	93	44859	19.758	ug/l	95
47) Bromodichloromethane	9.655	83	114505	19.711	ug/l	98
48) Methyl methacrylate	9.449	41	38565	18.434	ug/l #	80
49) 1,4-Dioxane	9.455	88	9057	386.286	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	218684	101.255	ug/l	95
52) Toluene	10.391	92	212245	20.462	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	101851	19.407	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	125127	19.923	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	60201	19.608	ug/l	95
56) Ethyl methacrylate	10.655	69	66883	19.593	ug/l #	86
57) 1,3-Dichloropropane	10.938	76	103918	20.173	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	118486	88.362	ug/l	98
59) 2-Hexanone	10.973	43	143612	100.859	ug/l	97
60) Dibromochloromethane	11.126	129	76045	19.864	ug/l	100
61) 1,2-Dibromoethane	11.238	107	59011	20.115	ug/l	98
64) Tetrachloroethene	10.867	164	71704	20.285	ug/l	98
65) Chlorobenzene	11.661	112	222674	20.112	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	81198	19.774	ug/l	99
67) Ethyl Benzene	11.732	91	383586	19.736	ug/l	99
68) m/p-Xylenes	11.843	106	307682	40.746	ug/l	97
69) o-Xylene	12.167	106	136569	19.687	ug/l	96
70) Styrene	12.185	104	240024	20.111	ug/l	98
71) Bromoform	12.349	173	43398	20.535	ug/l #	97
73) Isopropylbenzene	12.467	105	367150	19.582	ug/l	100
74) N-amyl acetate	12.279	43	82388	20.143	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	70790	20.472	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	86794	33.635	ug/l #	100
77) Bromobenzene	12.749	156	86301	19.554	ug/l	97
78) n-propylbenzene	12.808	91	465838	19.791	ug/l	99
79) 2-Chlorotoluene	12.896	91	264495	19.462	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	313577	19.744	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	21228	19.749	ug/l	88
82) 4-Chlorotoluene	12.990	91	286236	20.094	ug/l	100
83) tert-Butylbenzene	13.208	119	253503	18.939	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	314713	20.058	ug/l	99
85) sec-Butylbenzene	13.384	105	399047	19.524	ug/l	99
86) p-Isopropyltoluene	13.502	119	328845	19.738	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	179864	20.218	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	172017	19.155	ug/l	96
89) n-Butylbenzene	13.826	91	311515	19.623	ug/l	100
90) Hexachloroethane	14.096	117	65787	19.083	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	155562	20.210	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	10518	19.862	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	83909	19.201	ug/l	98
94) Hexachlorobutadiene	15.249	225	47858	19.435	ug/l	95
95) Naphthalene	15.379	128	144294	19.120	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	75193	19.409	ug/l	100

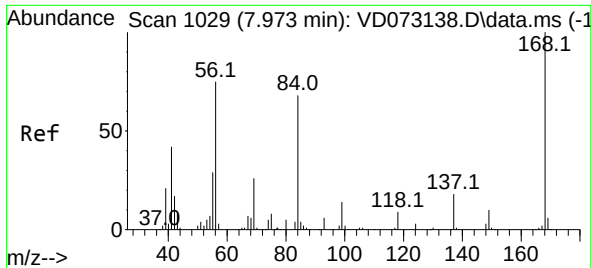
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Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

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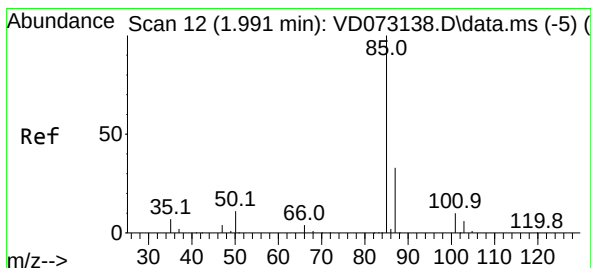
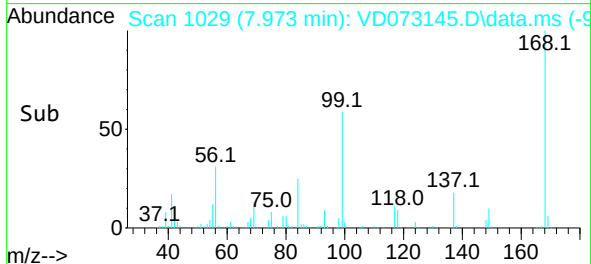
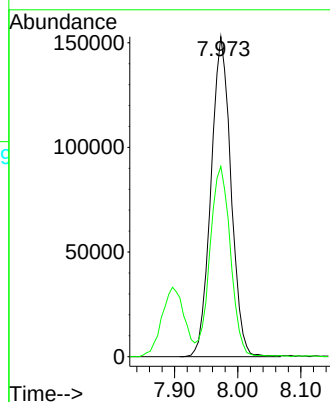
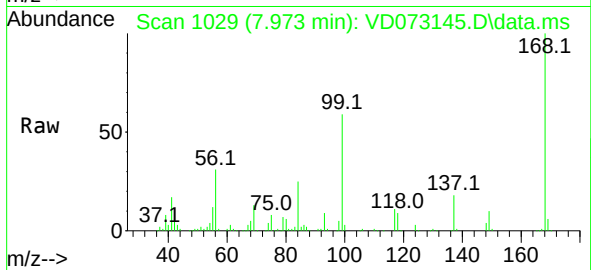
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

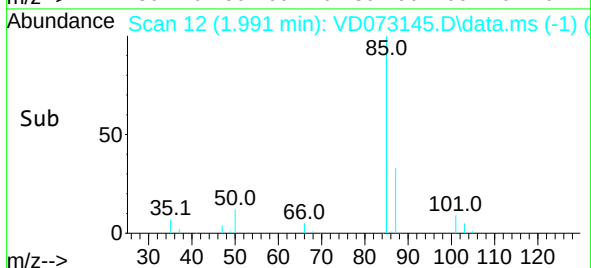
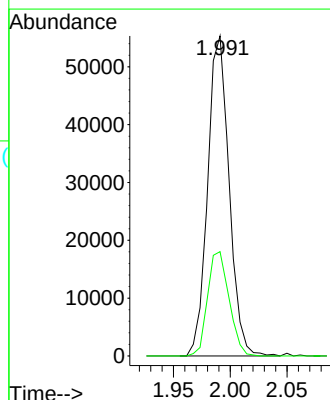
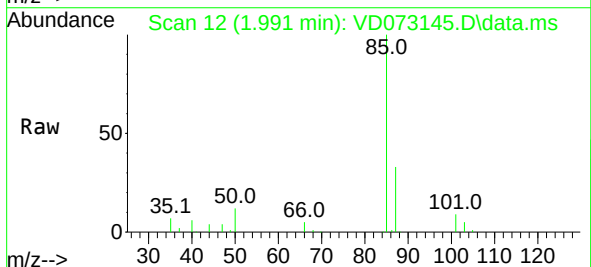
Instrument :
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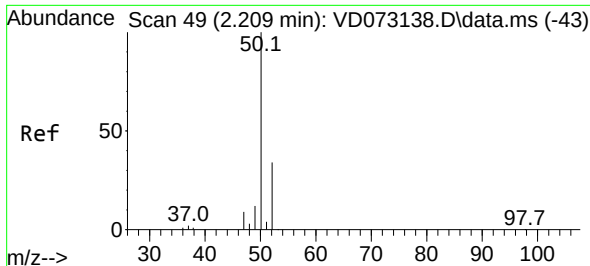
Tgt Ion:168 Resp: 336019
Ion Ratio Lower Upper
168 100
99 59.1 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 21.662 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 85 Resp: 72734
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.0

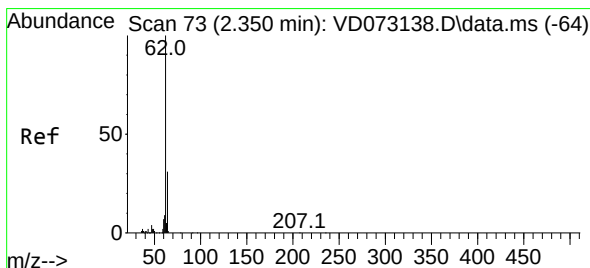
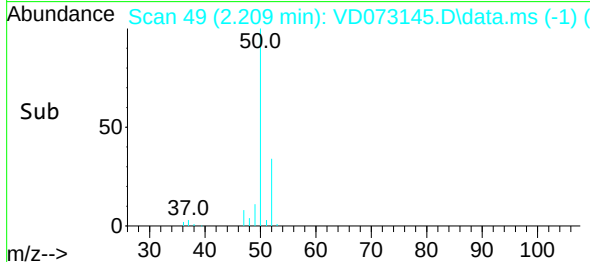
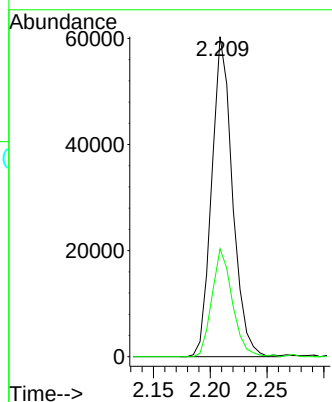
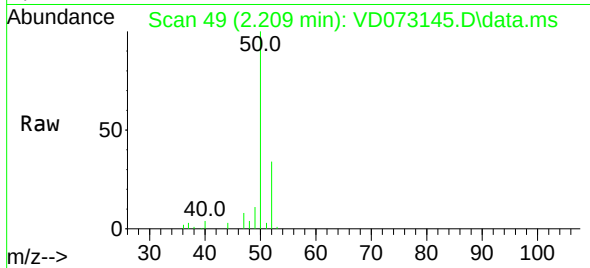




#3
Chloromethane
Concen: 20.194 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

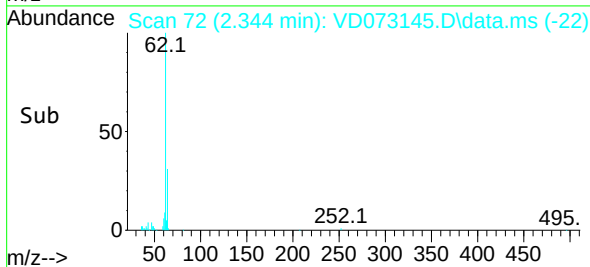
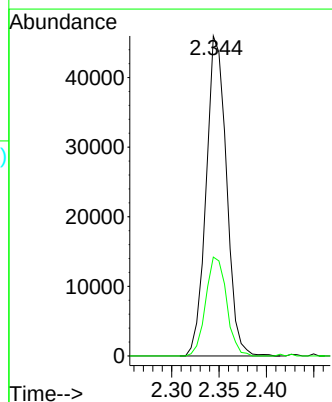
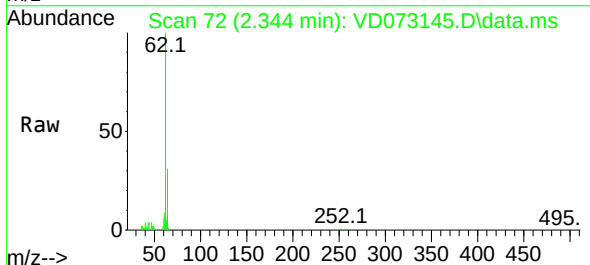
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

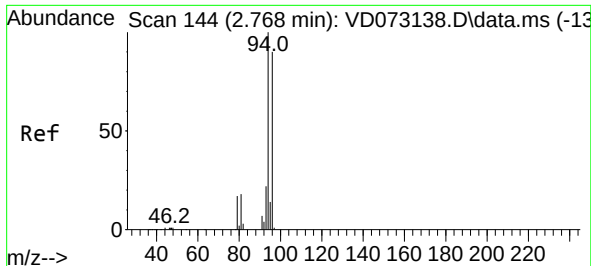
Tgt Ion: 50 Resp: 76669
Ion Ratio Lower Upper
50 100
52 33.7 27.4 41.0



#4
Vinyl Chloride
Concen: 19.734 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 62 Resp: 68512
Ion Ratio Lower Upper
62 100
64 30.9 25.4 38.0

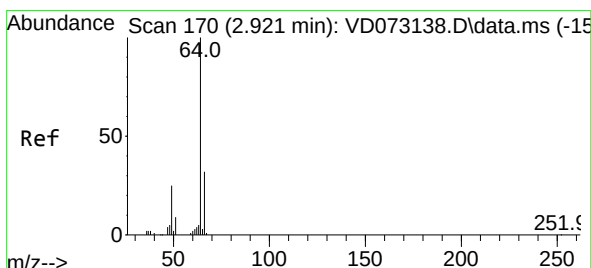
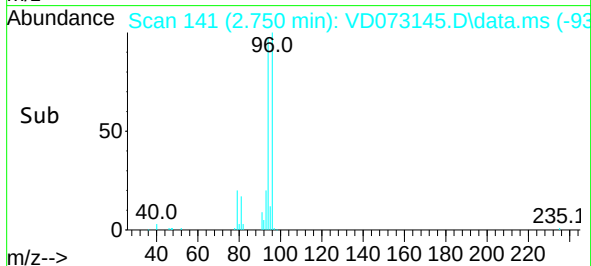
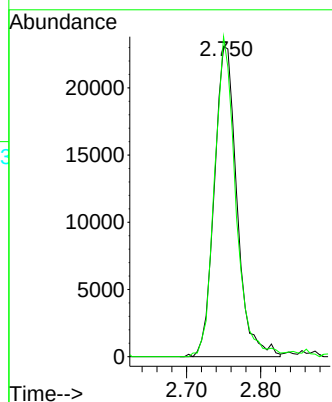
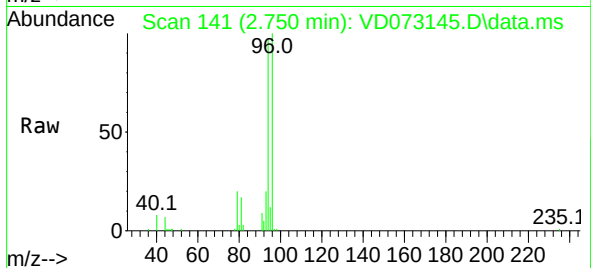




#5
Bromomethane
Concen: 19.528 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

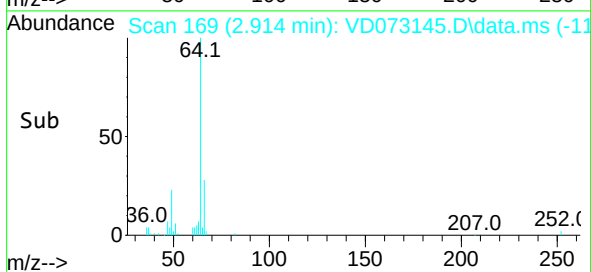
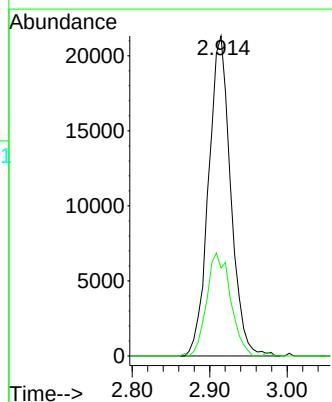
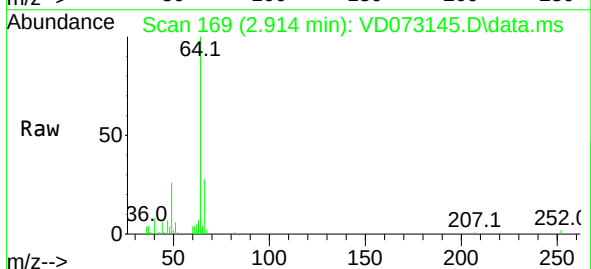
Instrument :
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ClientSampleId :
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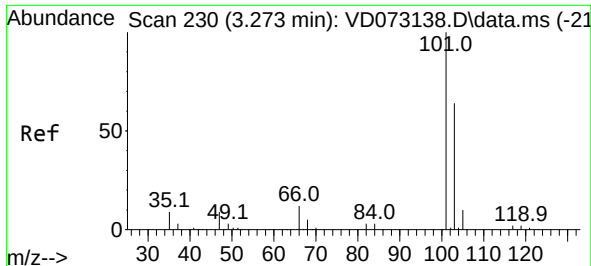
Tgt Ion: 94 Resp: 48936
Ion Ratio Lower Upper
94 100
96 103.1 77.6 116.4



#6
Chloroethane
Concen: 19.811 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.007 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 64 Resp: 42280
Ion Ratio Lower Upper
64 100
66 27.5 25.9 38.9

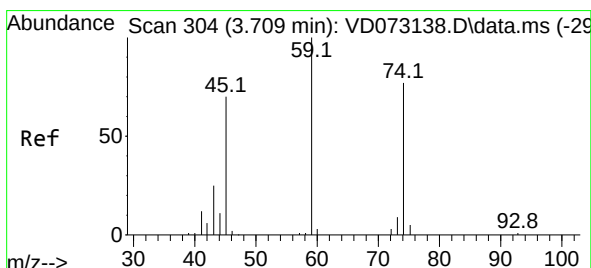
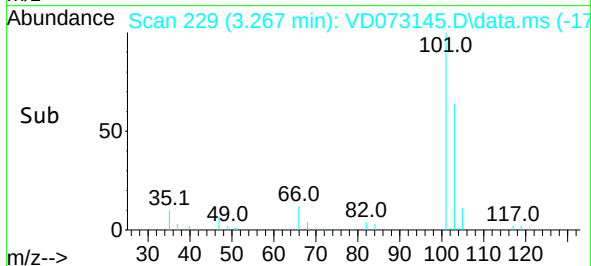
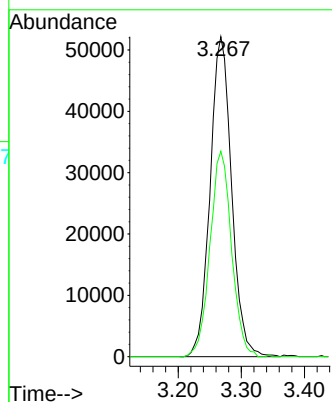
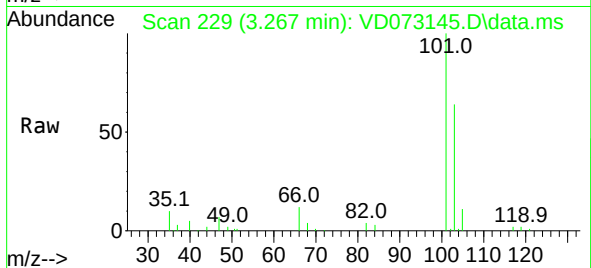




#7
Trichlorofluoromethane
Concen: 20.097 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

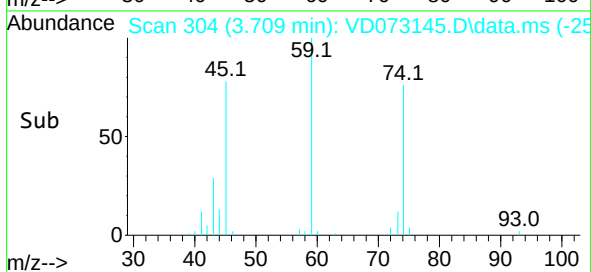
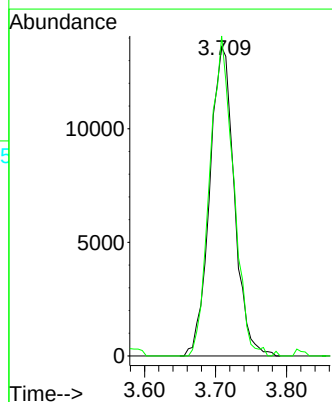
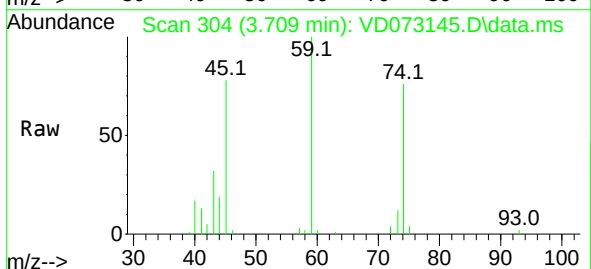
Instrument :
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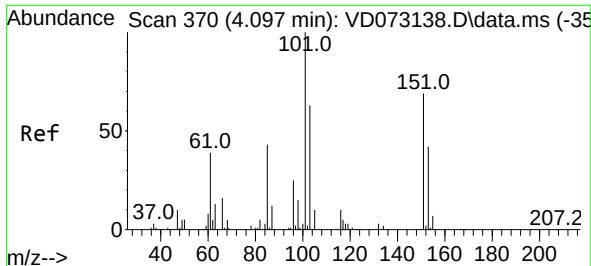
Tgt Ion:101 Resp: 123369
Ion Ratio Lower Upper
101 100
103 64.2 50.1 75.1



#8
Diethyl Ether
Concen: 19.390 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 74 Resp: 32708
Ion Ratio Lower Upper
74 100
45 99.8 52.6 157.8

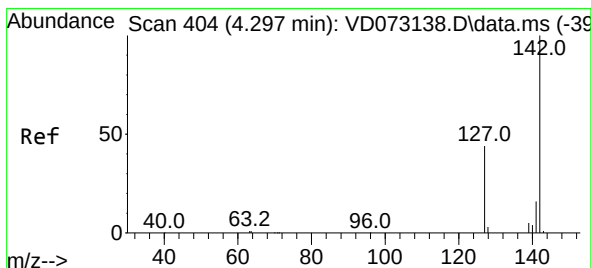
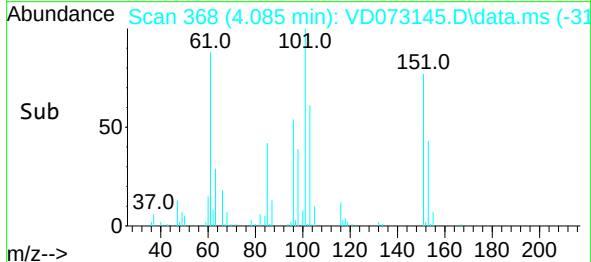
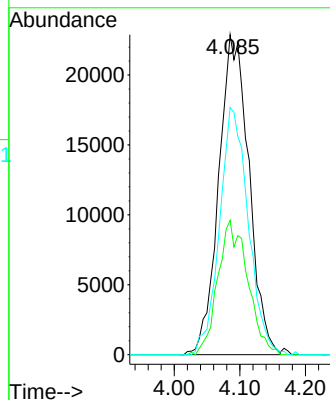
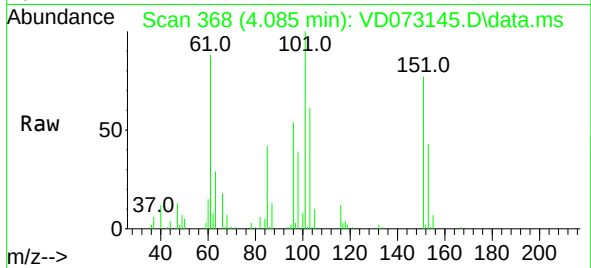




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.932 ug/l
RT: 4.085 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD073145.D
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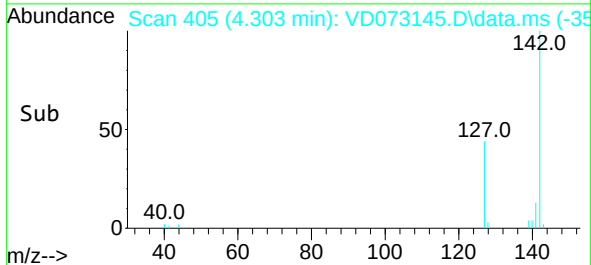
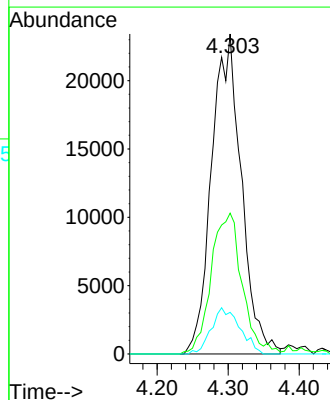
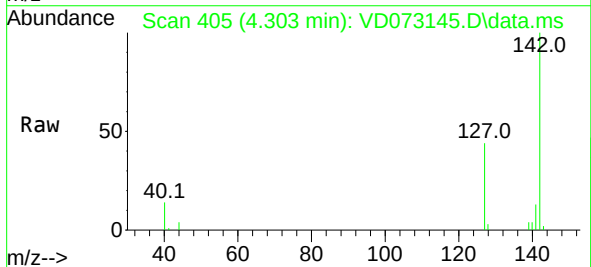
Instrument :
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ClientSampleId :
VD0519SBS01

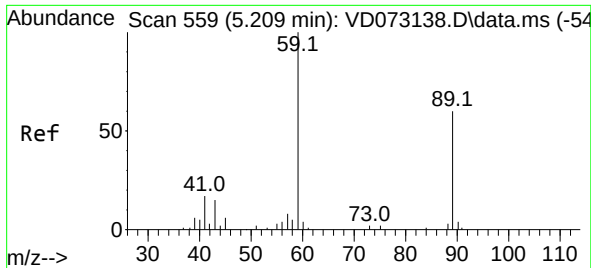
Tgt Ion:101 Resp: 73007
Ion Ratio Lower Upper
101 100
85 41.7 36.4 54.6
151 73.9 57.3 85.9



#10
Methyl Iodide
Concen: 17.207 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion:142 Resp: 67997
Ion Ratio Lower Upper
142 100
127 45.7 37.3 55.9
141 14.0 11.7 17.5

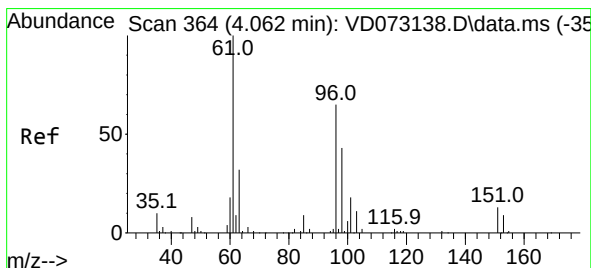
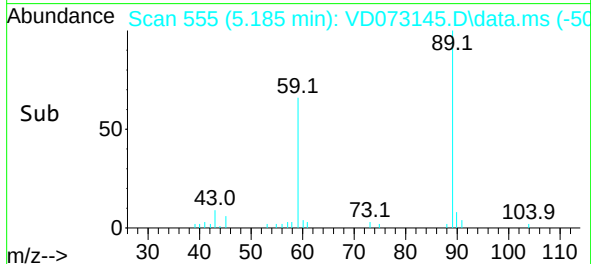
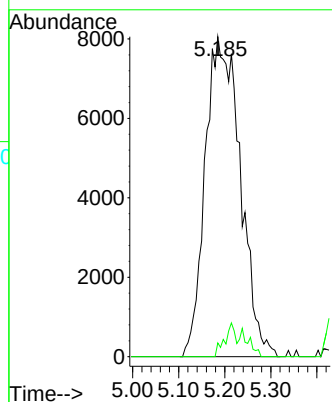
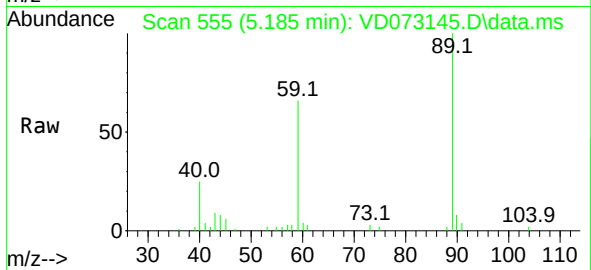




#11
Tert butyl alcohol
Concen: 73.875 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

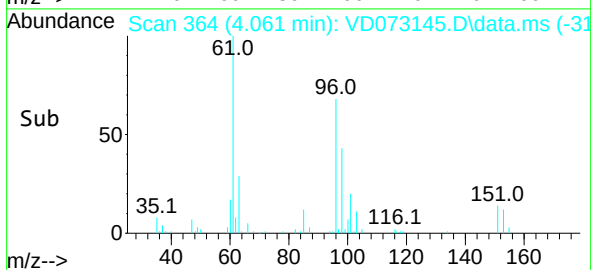
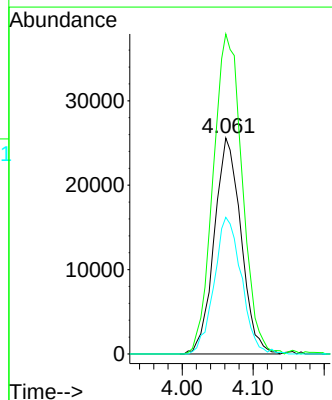
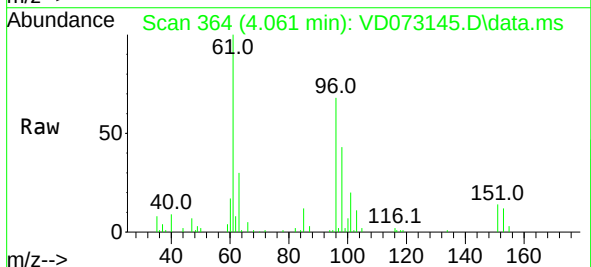
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

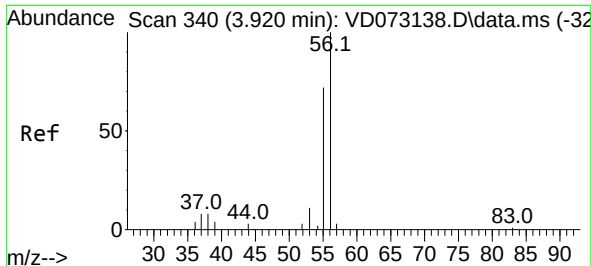
Tgt Ion: 59 Resp: 42563
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 19.800 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.001 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 96 Resp: 66862
Ion Ratio Lower Upper
96 100
61 148.1 138.5 207.7
98 63.3 48.6 73.0

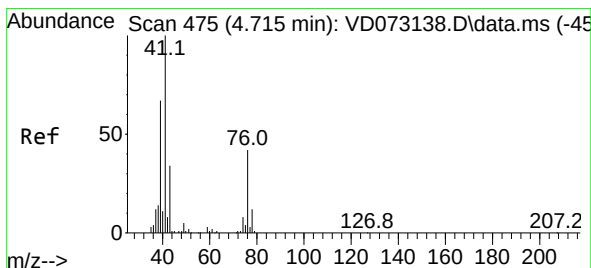
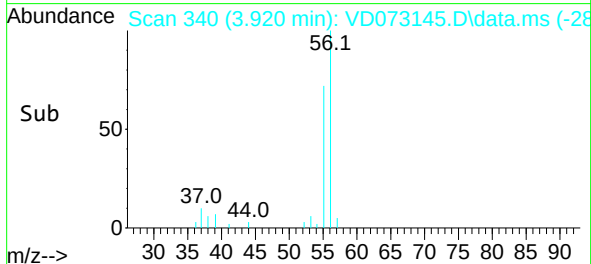
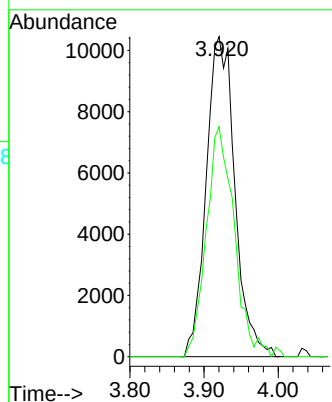
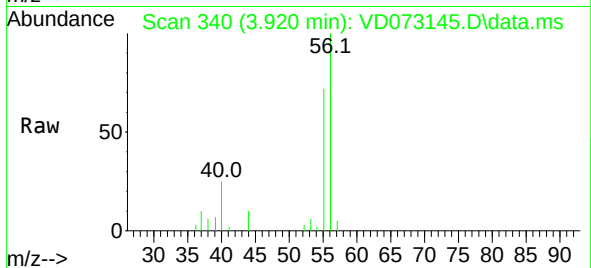




#13
Acrolein
Concen: 113.759 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

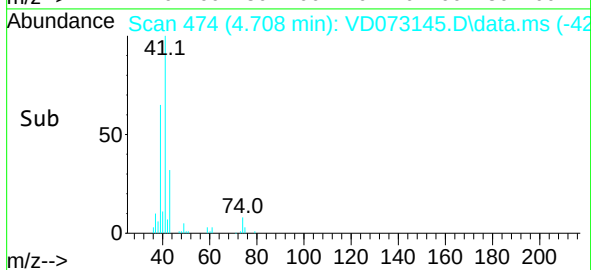
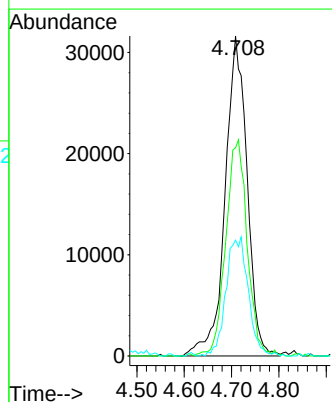
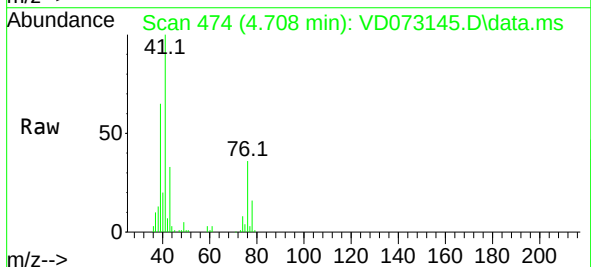
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

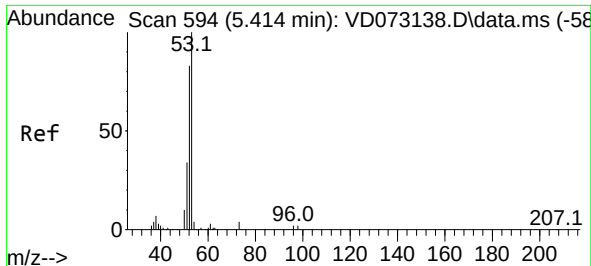
Tgt Ion: 56 Resp: 28084
Ion Ratio Lower Upper
56 100
55 69.9 57.1 85.7



#14
Allyl chloride
Concen: 18.698 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.007 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 41 Resp: 101918
Ion Ratio Lower Upper
41 100
39 65.6 59.3 88.9
76 37.4 25.7 38.5

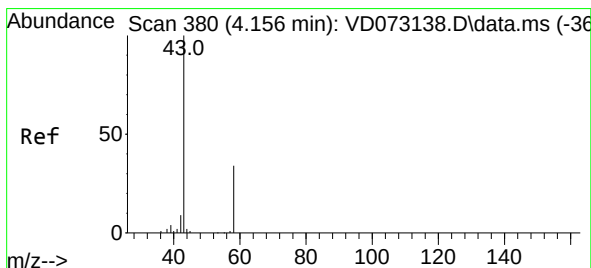
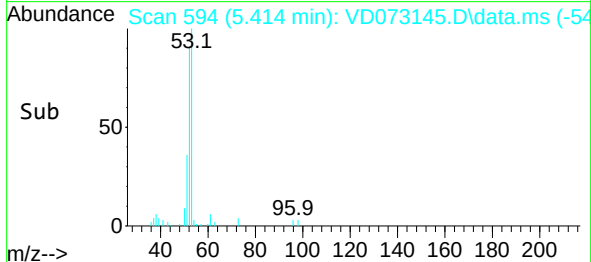
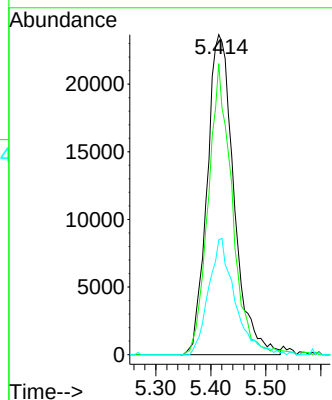
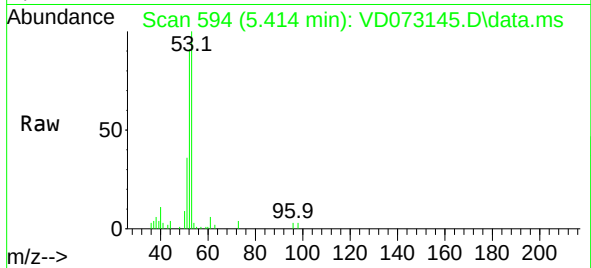




#15
Acrylonitrile
Concen: 103.856 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

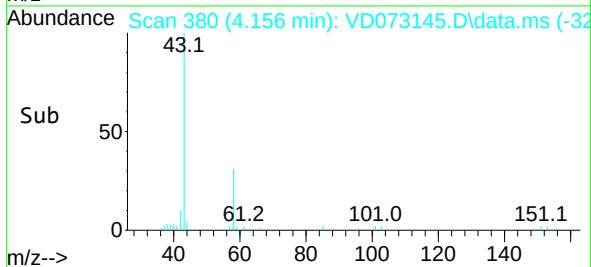
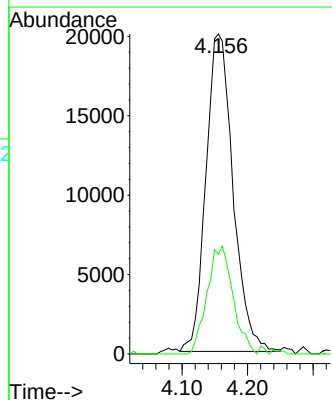
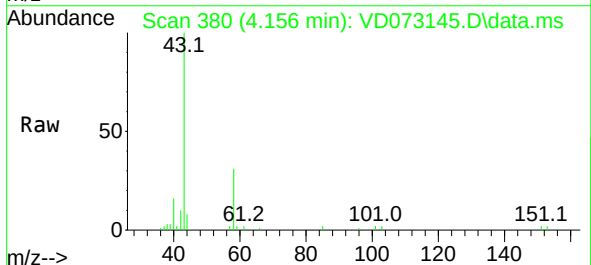
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

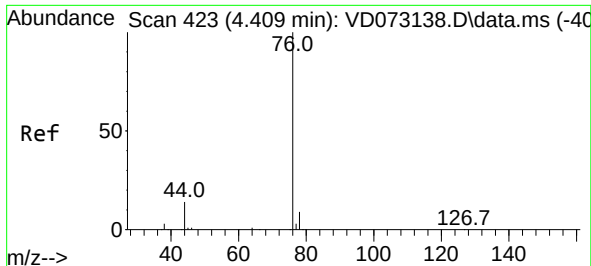
Tgt Ion:	53	Resp:	80109
Ion	Ratio	Lower	Upper
53	100		
52	79.9	67.2	100.8
51	35.6	30.3	45.5



#16
Acetone
Concen: 89.330 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion:	43	Resp:	57458
Ion	Ratio	Lower	Upper
43	100		
58	31.3	22.1	33.1

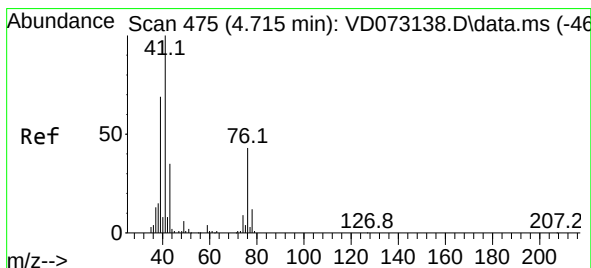
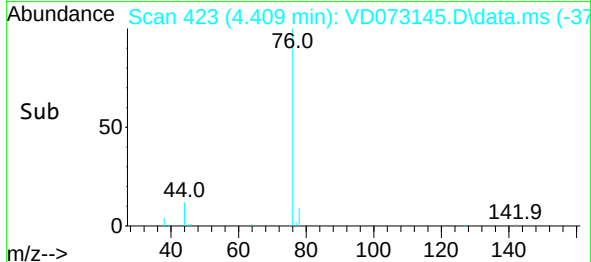
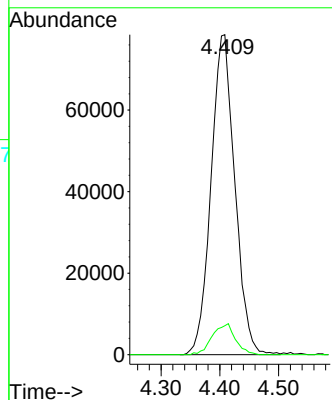
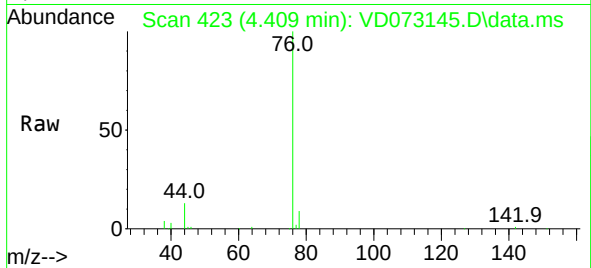




#17
Carbon Disulfide
Concen: 19.712 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

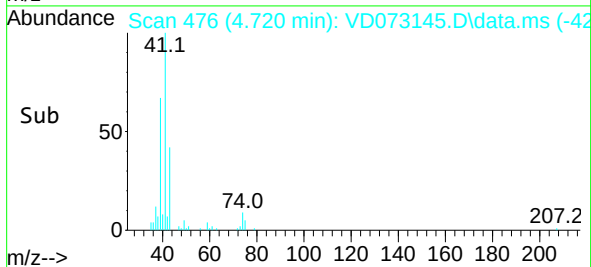
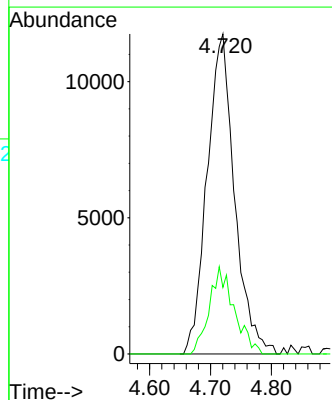
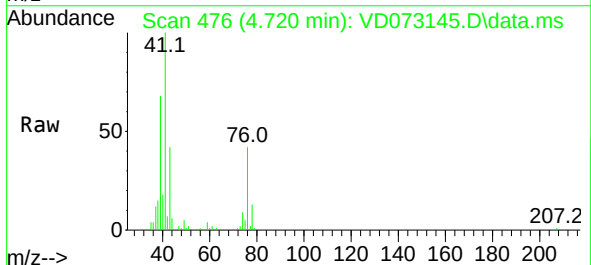
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

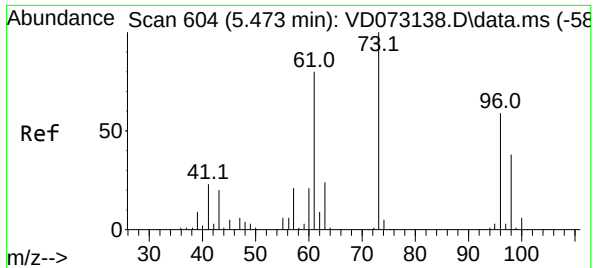
Tgt Ion: 76 Resp: 220671
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 20.575 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 43 Resp: 36800
Ion Ratio Lower Upper
43 100
74 24.6 16.7 25.1

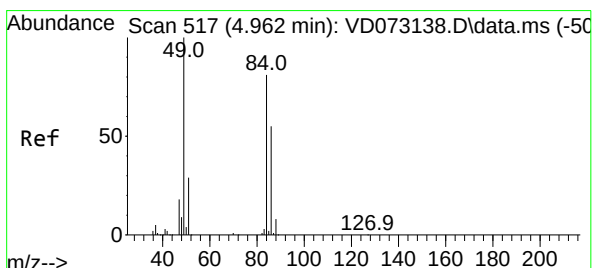
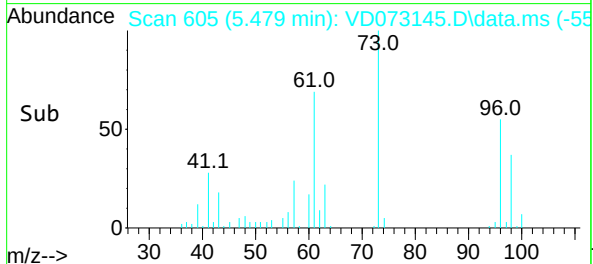
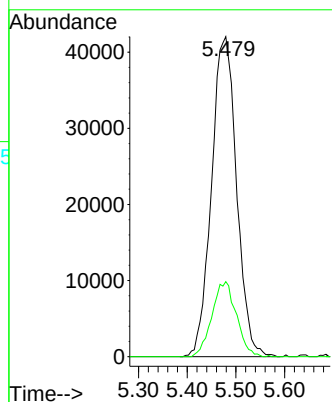
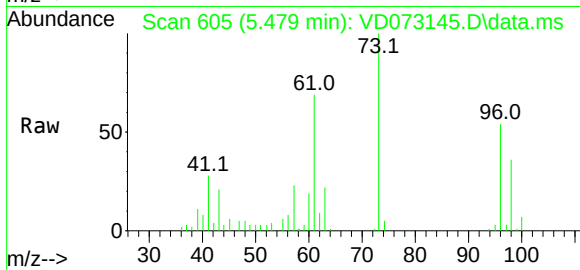




#19
Methyl tert-butyl Ether
Concen: 19.543 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

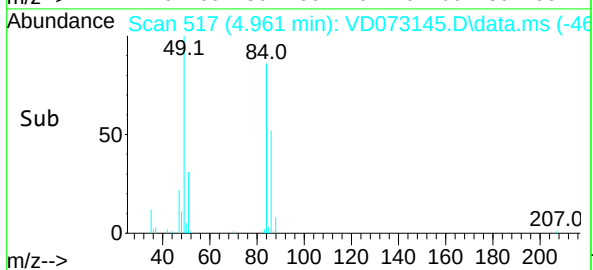
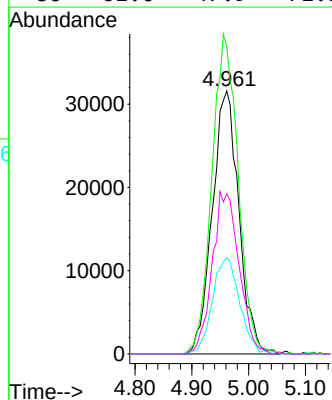
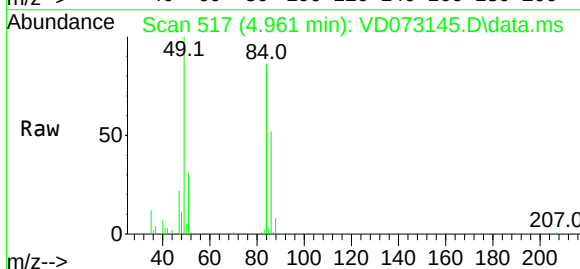
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

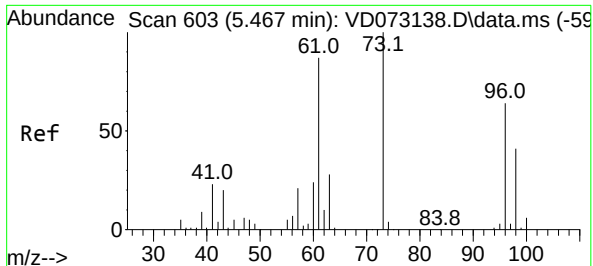
Tgt Ion: 73 Resp: 150343
Ion Ratio Lower Upper
73 100
57 23.5 18.0 27.0



#20
Methylene Chloride
Concen: 22.957 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 84 Resp: 102470
Ion Ratio Lower Upper
84 100
49 116.9 112.8 169.2
51 36.5 32.6 48.8
86 61.0 47.9 71.9

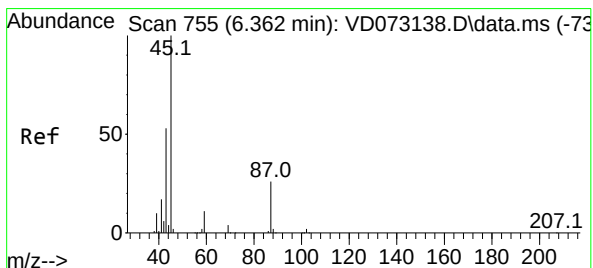
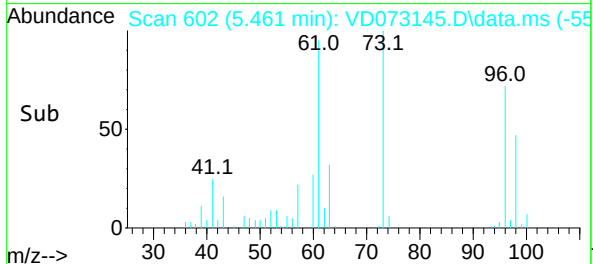
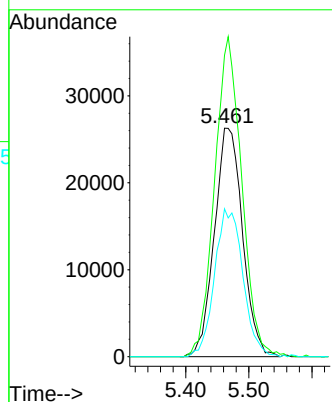
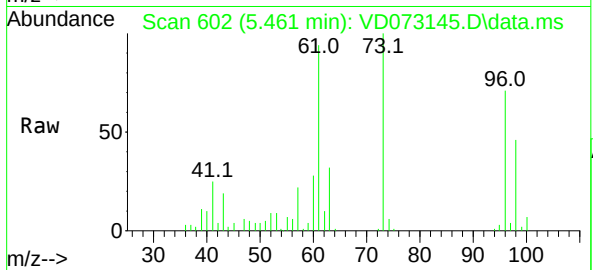




#21
trans-1,2-Dichloroethene
Concen: 19.972 ug/l
RT: 5.461 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

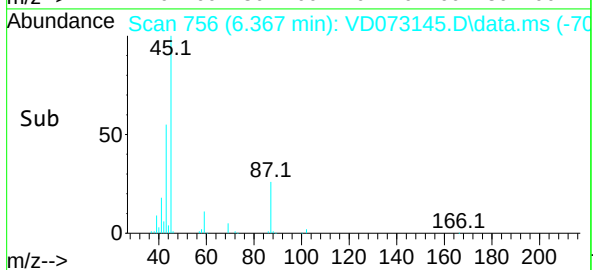
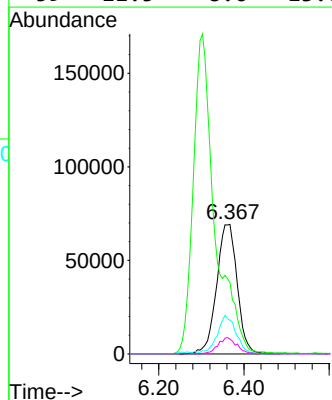
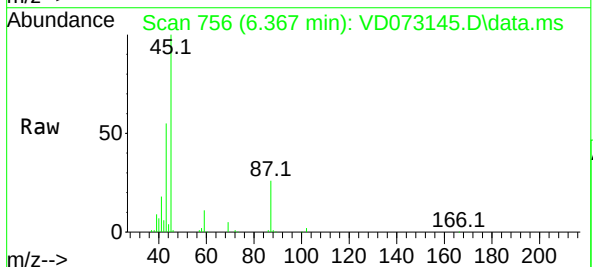
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

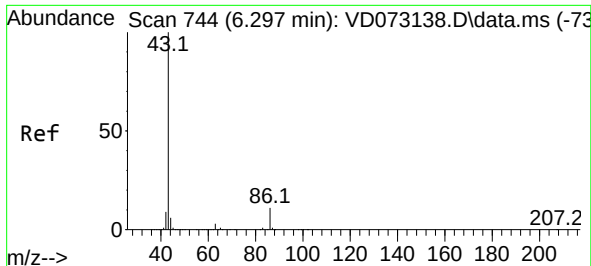
Tgt Ion: 96 Resp: 81546
Ion Ratio Lower Upper
96 100
61 132.0 117.9 176.9
98 64.7 49.4 74.2



#22
Diisopropyl ether
Concen: 20.425 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.005 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 45 Resp: 233385
Ion Ratio Lower Upper
45 100
43 54.3 46.6 70.0
87 26.1 18.4 27.6
59 11.5 8.6 13.0

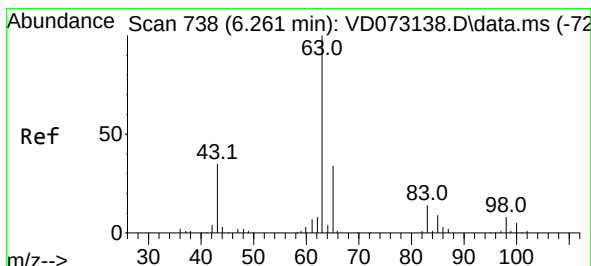
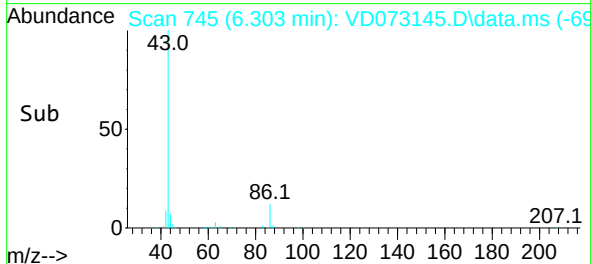
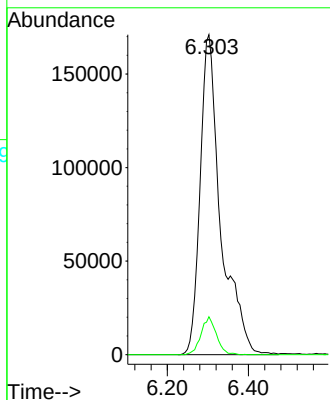
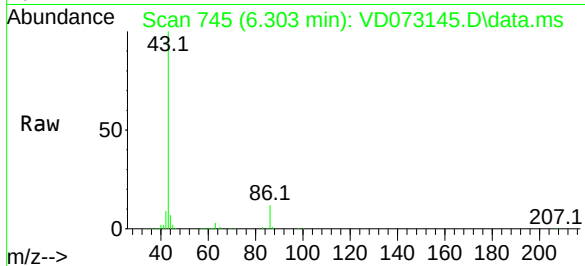




#23
 Vinyl Acetate
 Concen: 98.865 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073145.D
 Acq: 19 May 2022 18:22

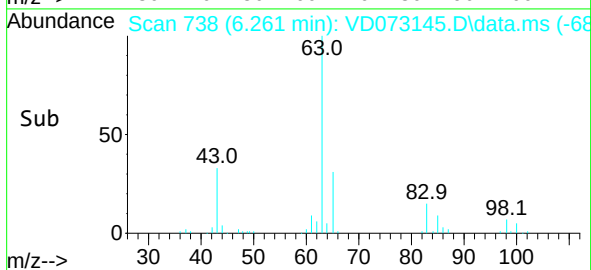
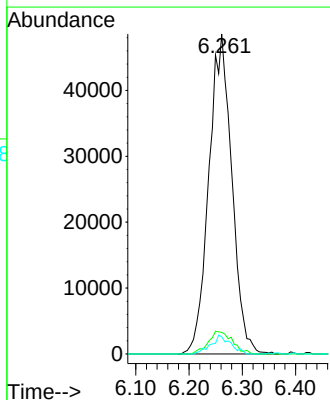
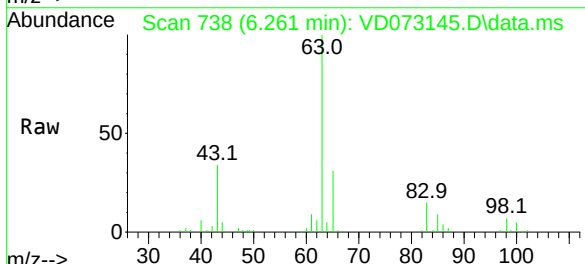
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS01

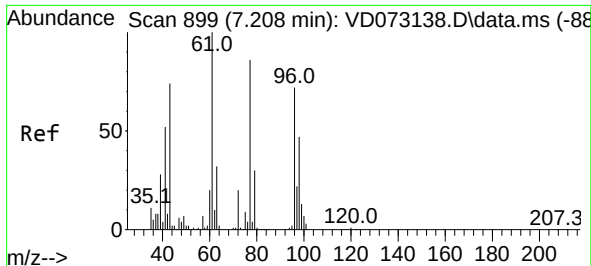
Tgt Ion: 43 Resp: 602578
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.830 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073145.D
 Acq: 19 May 2022 18:22

Tgt Ion: 63 Resp: 145446
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 5.4 2.1 6.5

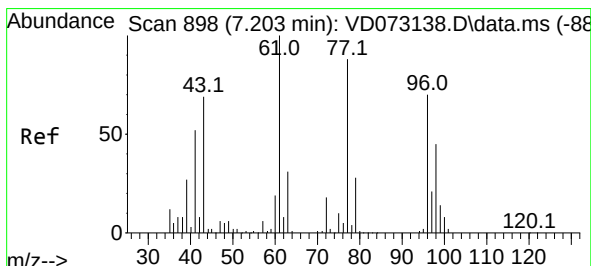
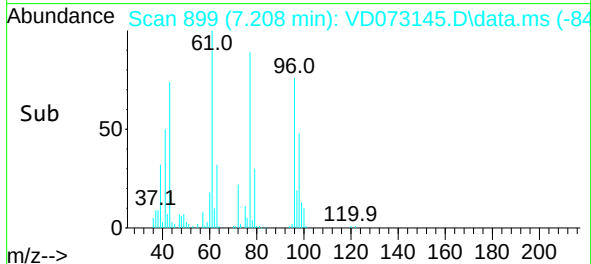
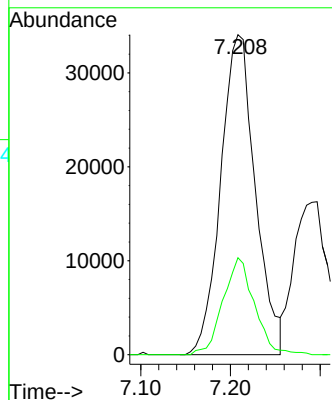
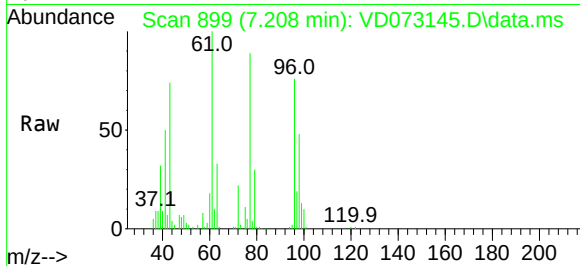




#25
2-Butanone
Concen: 97.044 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

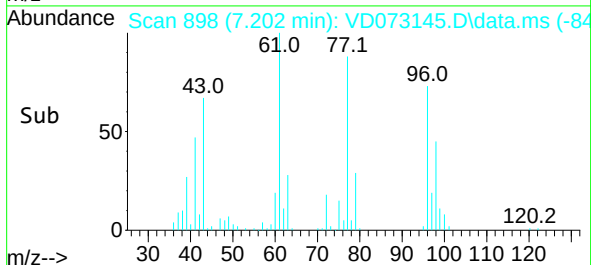
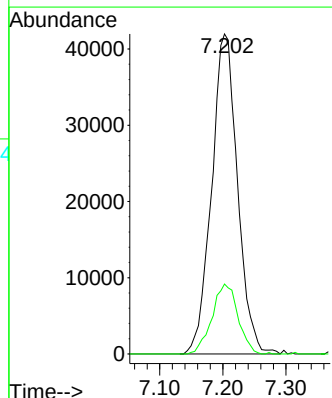
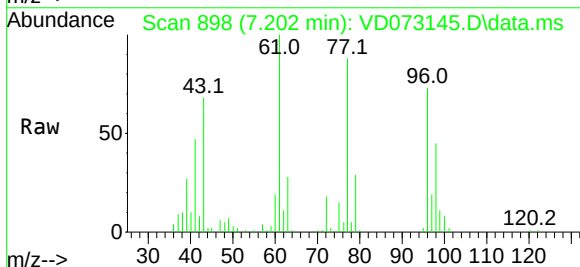
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

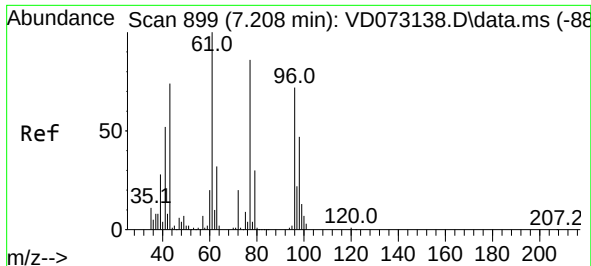
Tgt Ion: 43 Resp: 91323
Ion Ratio Lower Upper
43 100
72 30.3 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 19.125 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.001 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 77 Resp: 119625
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.4

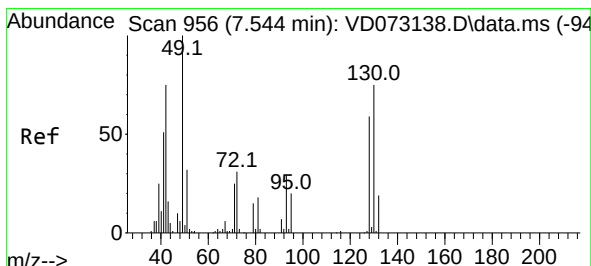
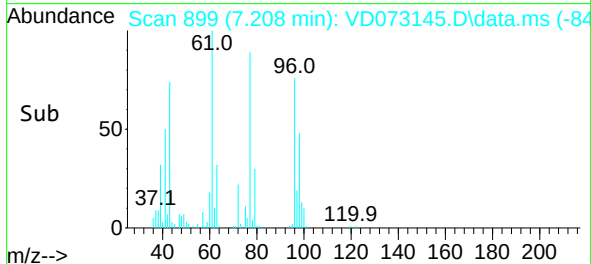
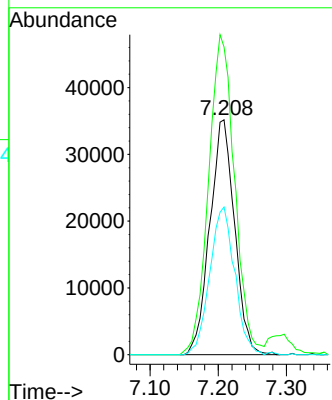
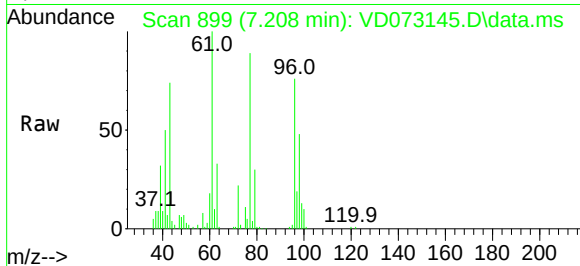




#27
 cis-1,2-Dichloroethene
 Concen: 19.728 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD073145.D
 Acq: 19 May 2022 18:22

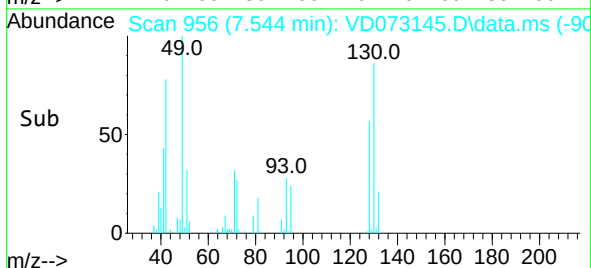
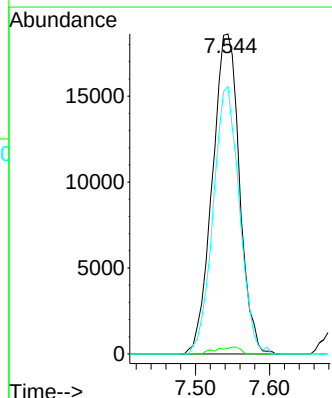
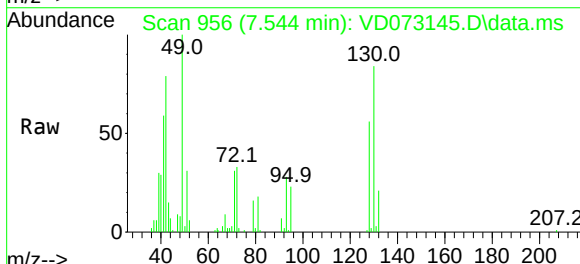
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS01

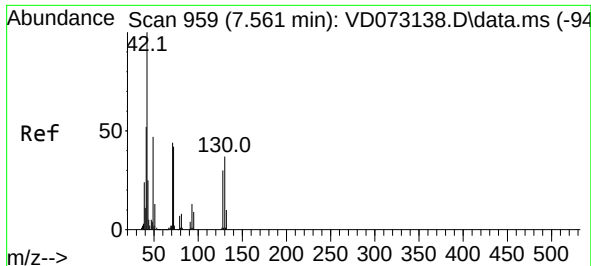
Tgt Ion:	96	Resp:	89129
Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	313.8
98	63.2	0.0	128.8



#28
 Bromochloromethane
 Concen: 18.734 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD073145.D
 Acq: 19 May 2022 18:22

Tgt Ion:	49	Resp:	47337
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	80.7	52.6	79.0





#29

Tetrahydrofuran

Concen: 99.793 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073145.D

Acq: 19 May 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS01

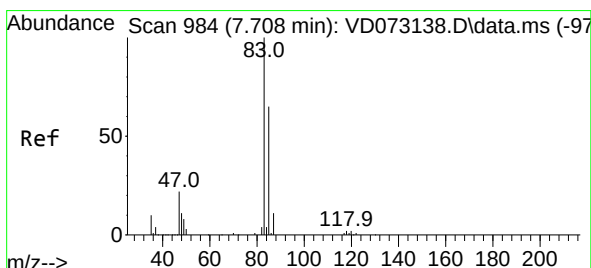
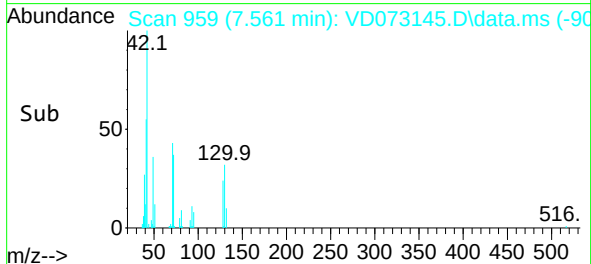
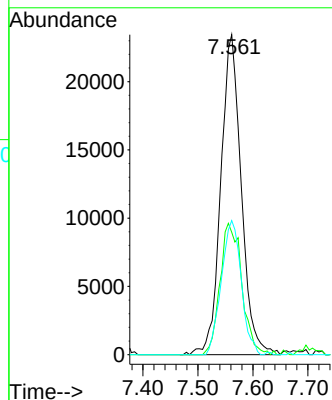
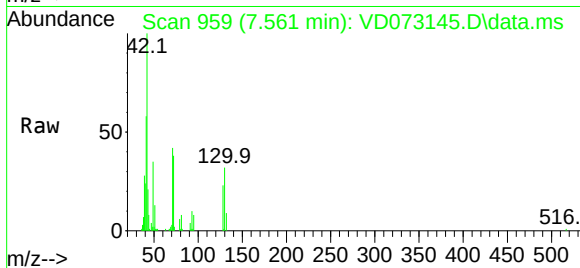
Tgt Ion: 42 Resp: 60724

Ion Ratio Lower Upper

42 100

72 43.9 30.7 46.1

71 40.8 28.6 43.0



#30

Chloroform

Concen: 19.641 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD073145.D

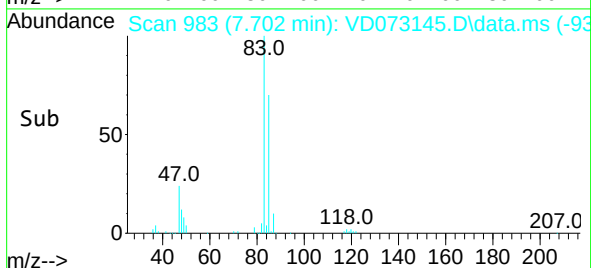
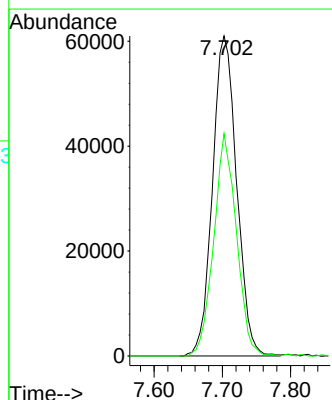
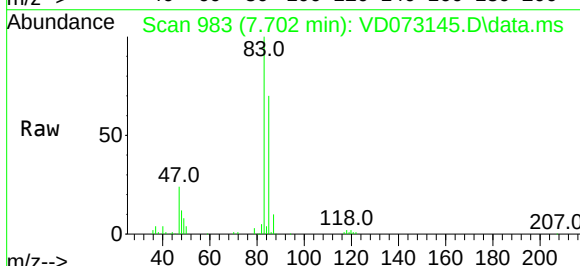
Acq: 19 May 2022 18:22

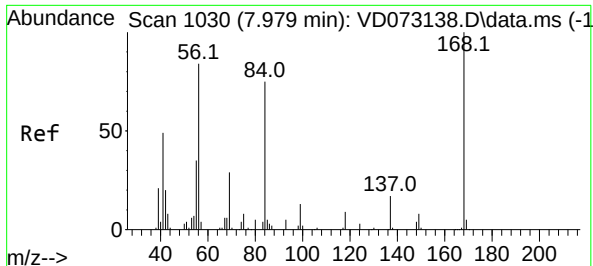
Tgt Ion: 83 Resp: 150396

Ion Ratio Lower Upper

83 100

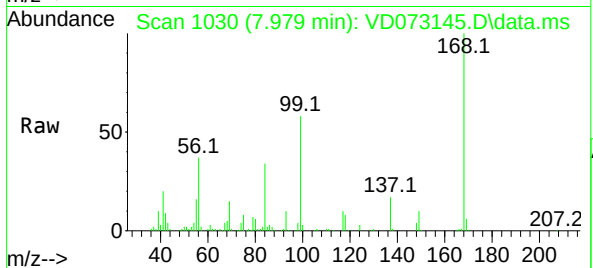
85 69.5 52.7 79.1



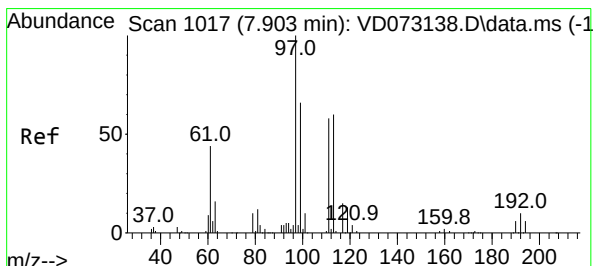
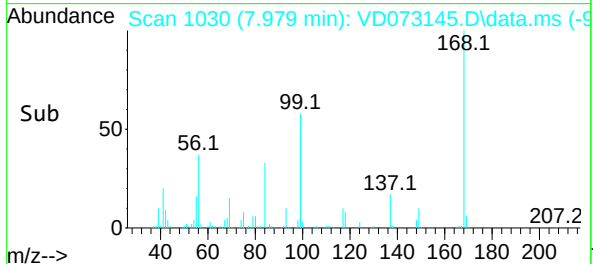
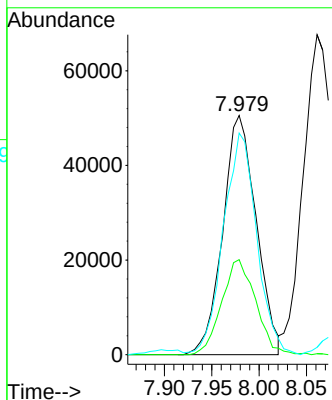


#31
Cyclohexane
Concen: 19.154 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

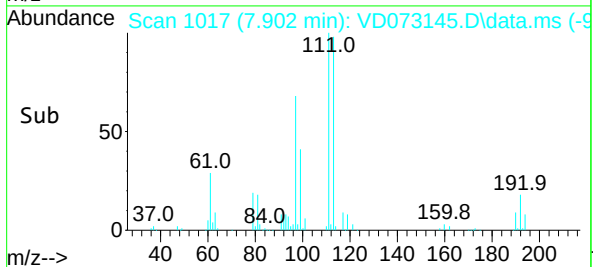
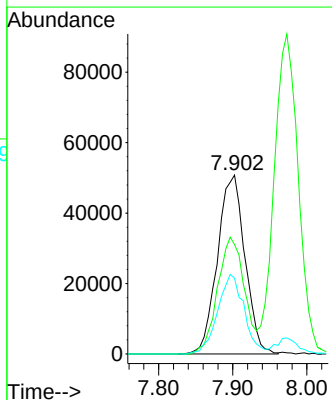
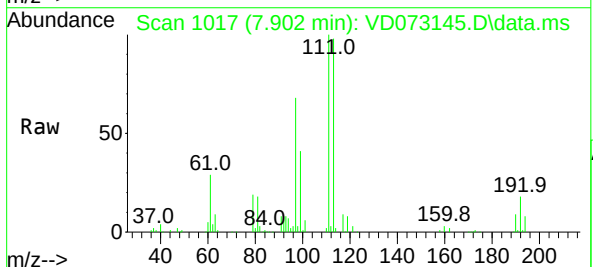


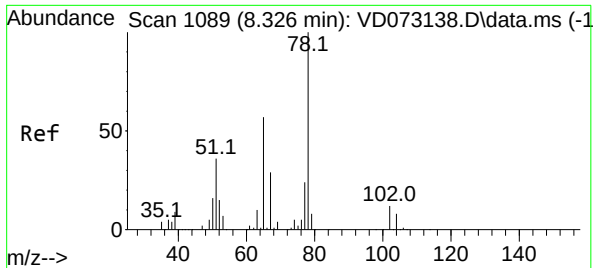
Tgt Ion: 56 Resp: 124296
Ion Ratio Lower Upper
56 100
69 39.7 25.4 38.2#
84 90.7 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 19.521 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.001 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 97 Resp: 130735
Ion Ratio Lower Upper
97 100
99 63.7 52.4 78.6
61 42.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 50.634 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD073145.D

Acq: 19 May 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

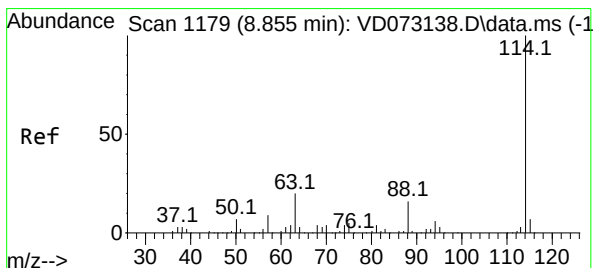
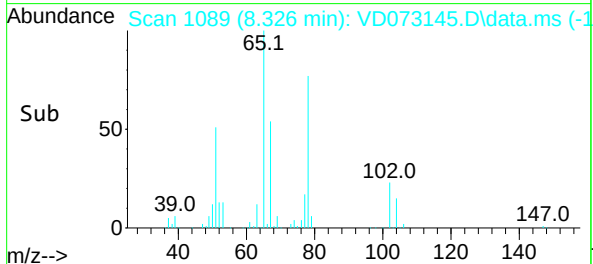
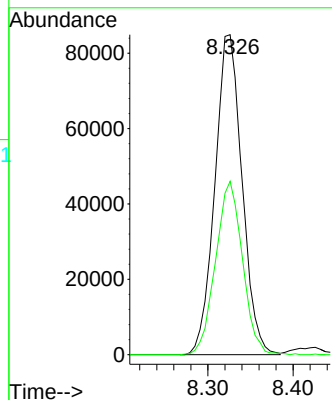
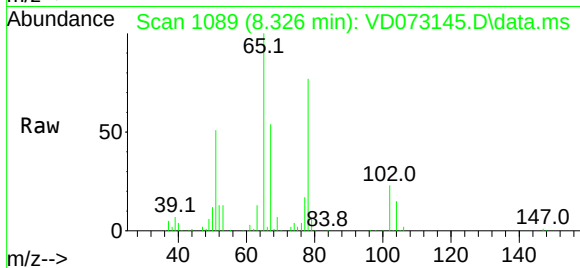
VD0519SBS01

Tgt Ion: 65 Resp: 188029

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073145.D

Acq: 19 May 2022 18:22

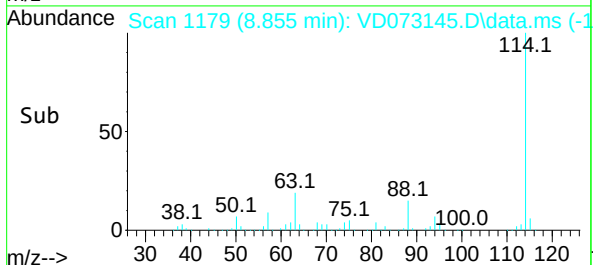
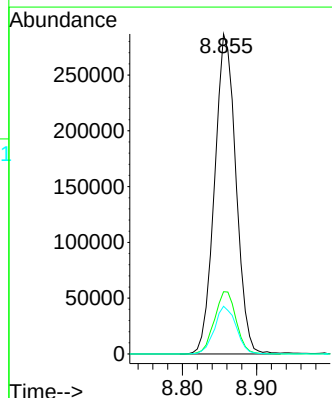
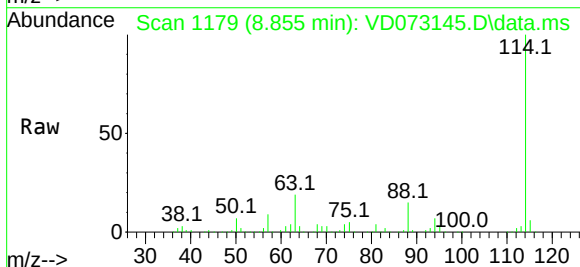
Tgt Ion: 114 Resp: 573903

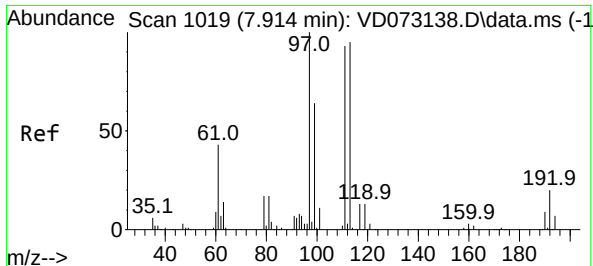
Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 14.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.634 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073145.D

Acq: 19 May 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS01

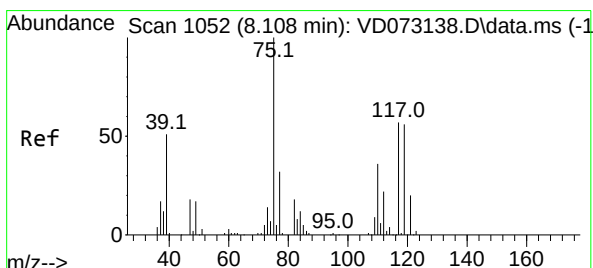
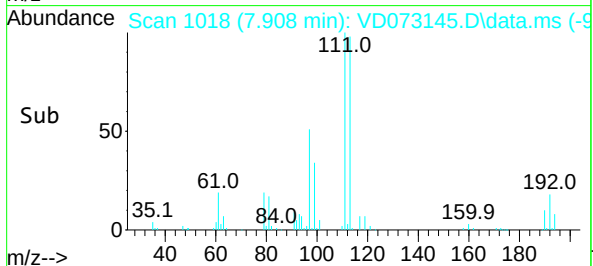
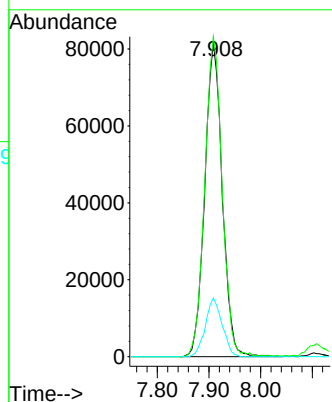
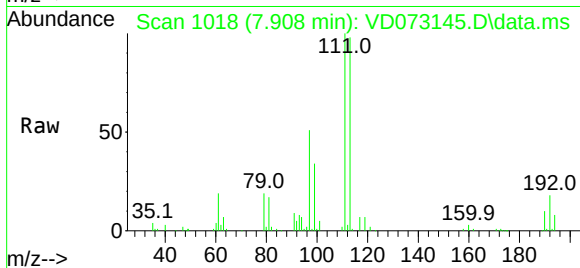
Tgt Ion:113 Resp: 191751

Ion Ratio Lower Upper

113 100

111 101.6 83.8 125.6

192 17.9 14.6 21.8



#36

1,1-Dichloropropene

Concen: 19.668 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073145.D

Acq: 19 May 2022 18:22

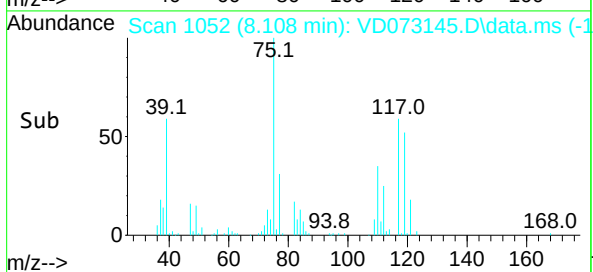
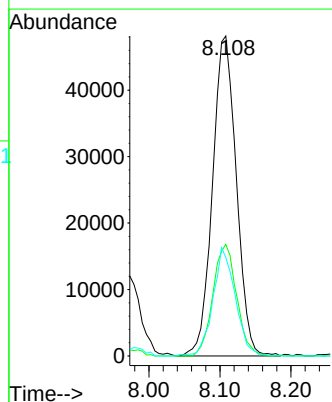
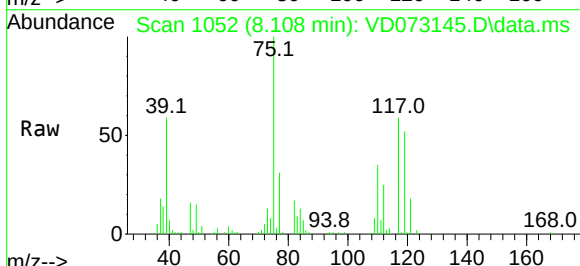
Tgt Ion: 75 Resp: 112023

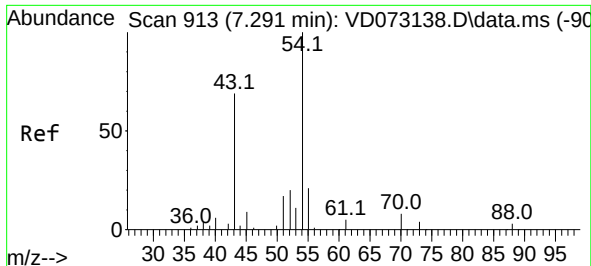
Ion Ratio Lower Upper

75 100

110 34.6 16.4 49.1

77 31.8 24.2 36.2





#37

Ethyl Acetate

Concen: 19.212 ug/l

RT: 7.297 min Scan# 913

Delta R.T. 0.006 min

Lab File: VD073145.D

Acq: 19 May 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS01

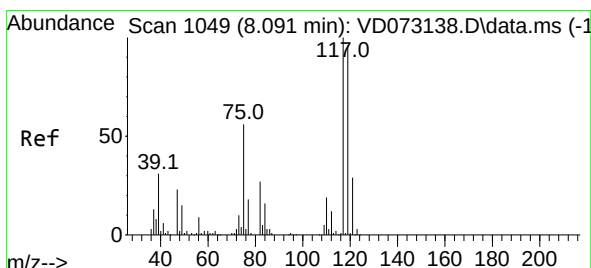
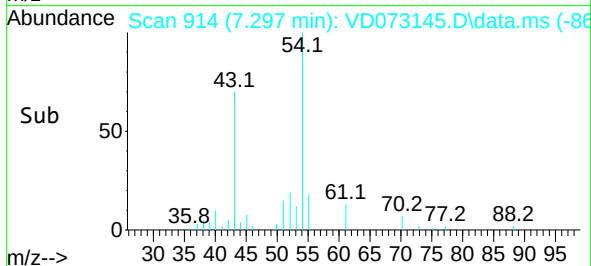
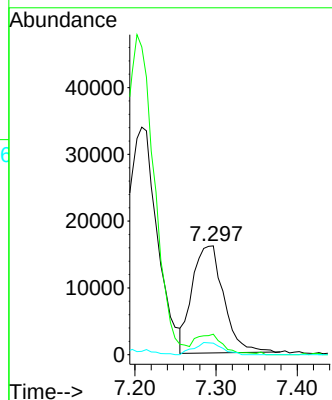
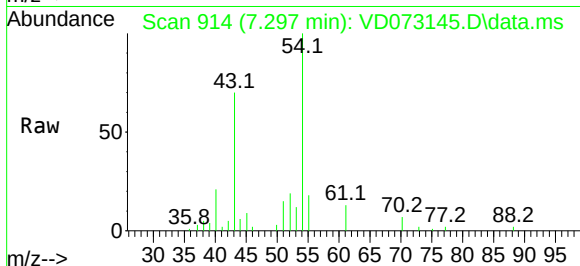
Tgt Ion: 43 Resp: 43221

Ion Ratio Lower Upper

43 100

61 17.0 9.8 14.8#

70 10.1 6.9 10.3



#38

Carbon Tetrachloride

Concen: 19.744 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073145.D

Acq: 19 May 2022 18:22

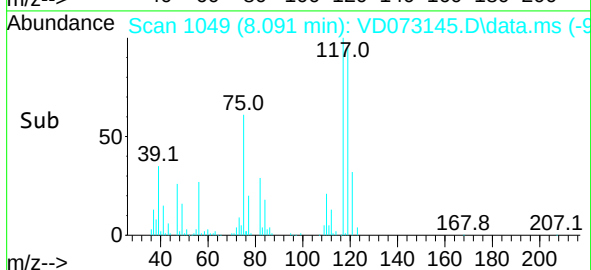
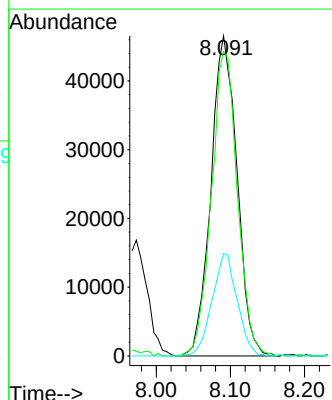
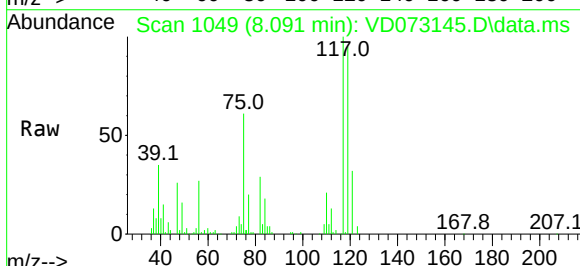
Tgt Ion: 117 Resp: 113993

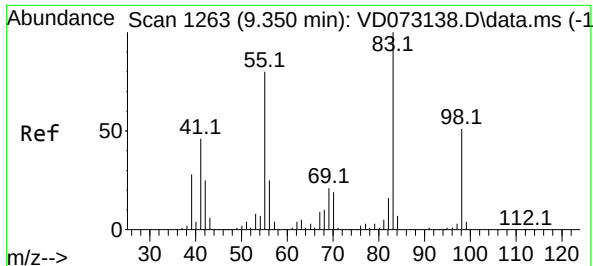
Ion Ratio Lower Upper

117 100

119 95.1 75.8 113.6

121 32.0 24.5 36.7





#39

Methylcyclohexane

Concen: 19.227 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073145.D

Acq: 19 May 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS01

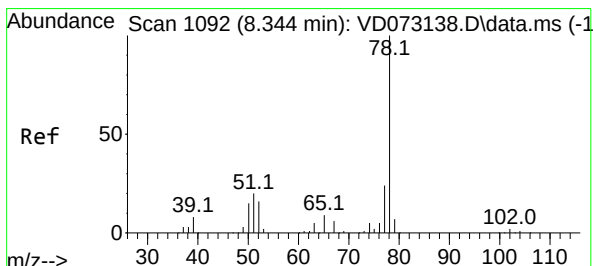
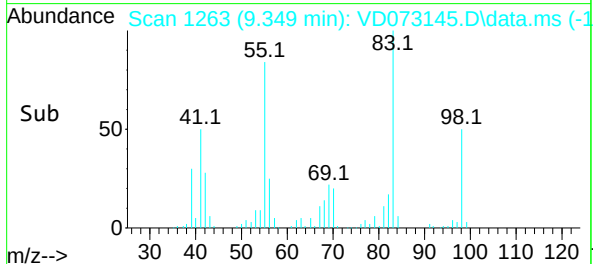
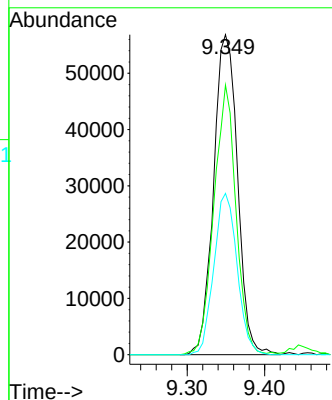
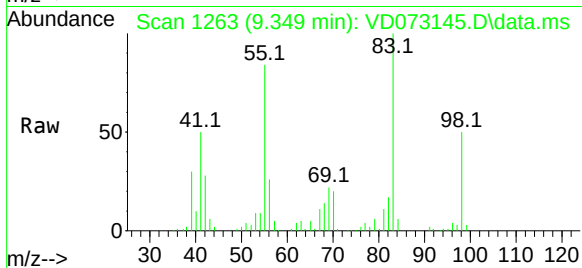
Tgt Ion: 83 Resp: 122042

Ion Ratio Lower Upper

83 100

55 84.2 63.2 94.8

98 50.4 38.2 57.4



#40

Benzene

Concen: 19.960 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073145.D

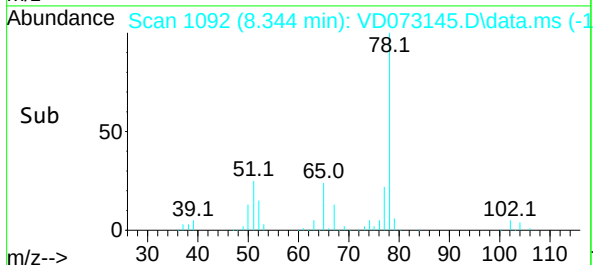
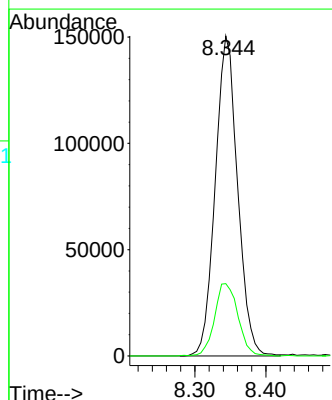
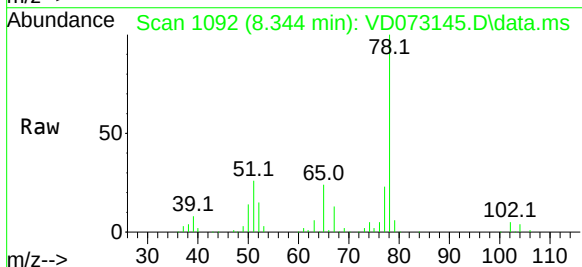
Acq: 19 May 2022 18:22

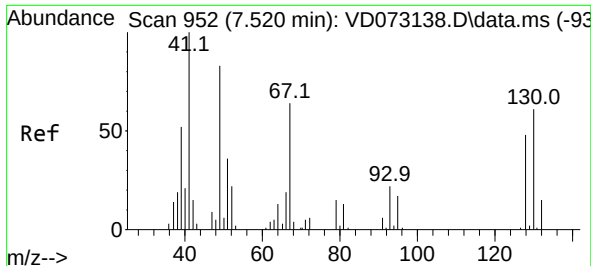
Tgt Ion: 78 Resp: 327635

Ion Ratio Lower Upper

78 100

77 22.6 19.1 28.7

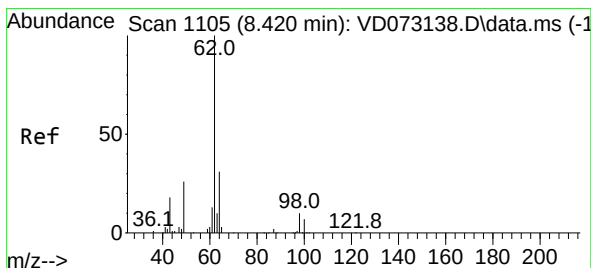
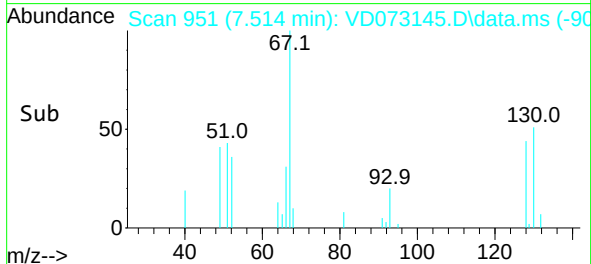
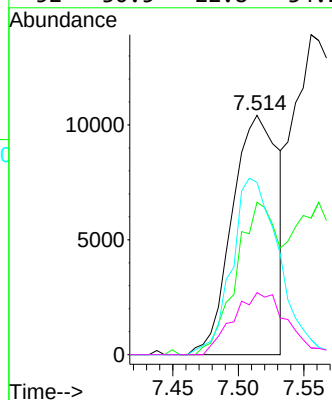
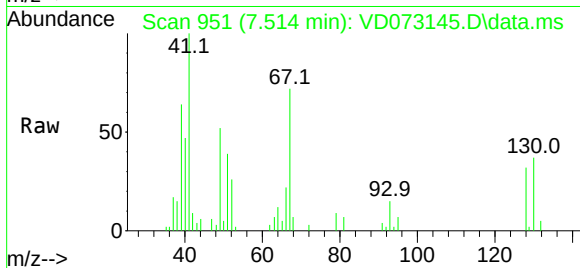




#41
Methacrylonitrile
Concen: 19.332 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

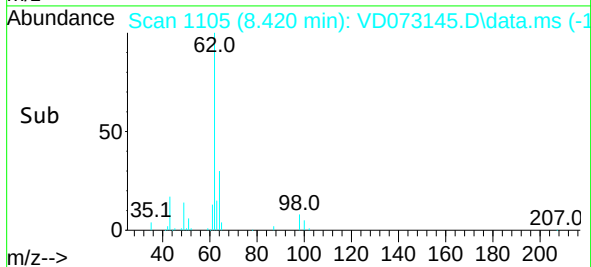
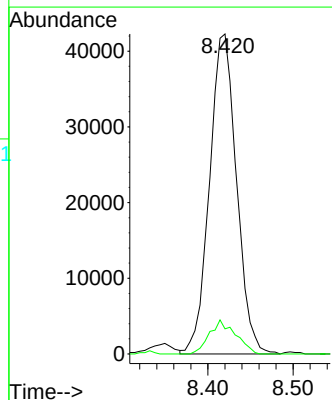
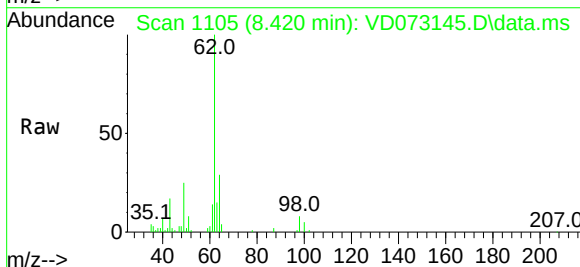
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

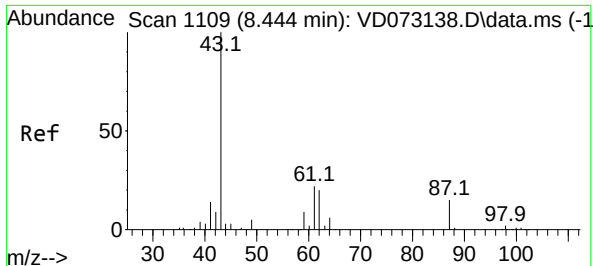
Tgt Ion: 41	Resp: 25340
Ion Ratio	Lower Upper
41 100	
39 57.2	44.6 67.0
67 76.1	48.2 72.4#
52 30.5	22.8 34.2



#42
1,2-Dichloroethane
Concen: 20.414 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 62	Resp: 93239
Ion Ratio	Lower Upper
62 100	
98 10.3	0.0 17.6

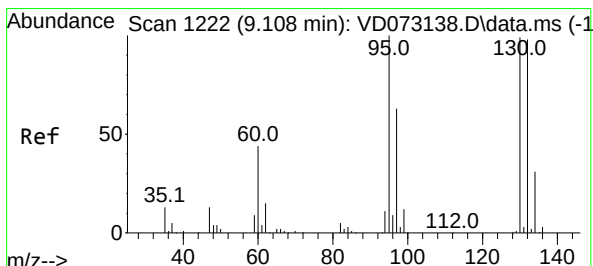
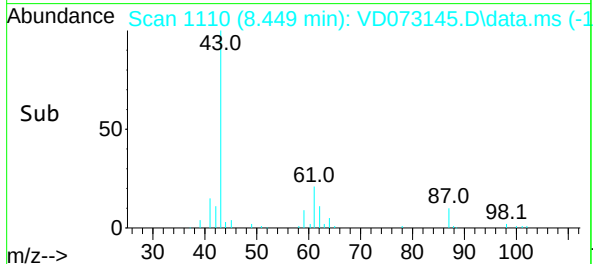
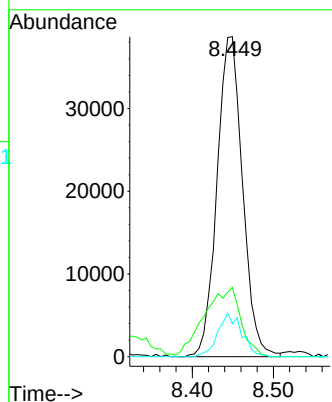
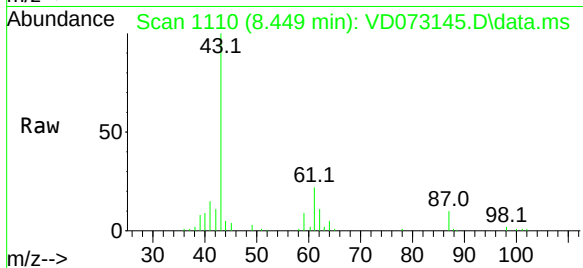




#43
Isopropyl Acetate
Concen: 20.368 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. 0.005 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

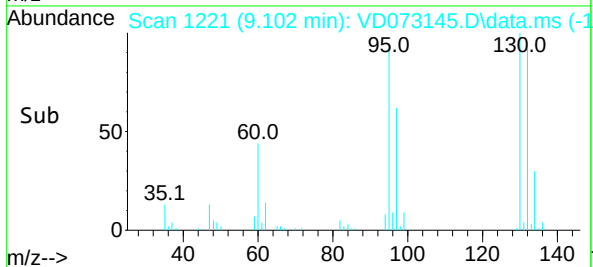
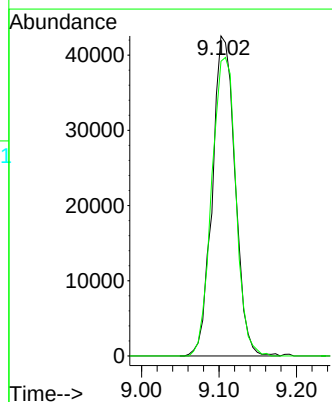
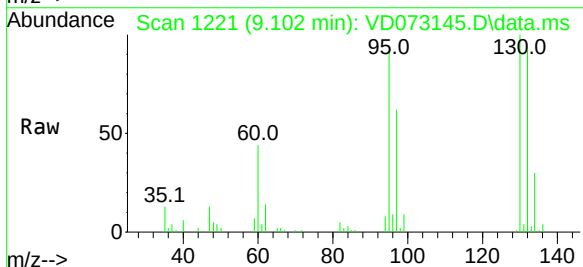
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

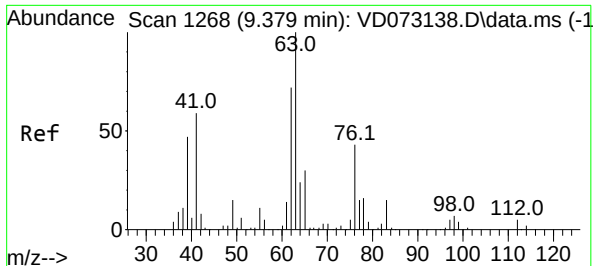
Tgt Ion: 43 Resp: 84697
Ion Ratio Lower Upper
43 100
61 31.0 22.4 33.6
87 12.7 8.7 13.1



#44
Trichloroethene
Concen: 19.865 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion:130 Resp: 86952
Ion Ratio Lower Upper
130 100
95 92.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 19.736 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073145.D

Acq: 19 May 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

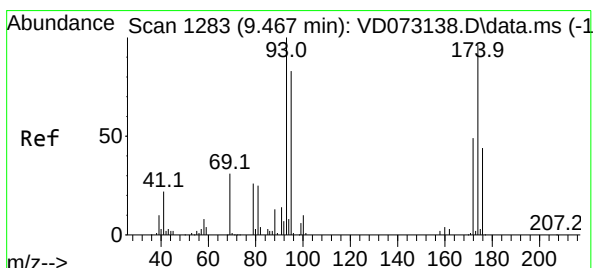
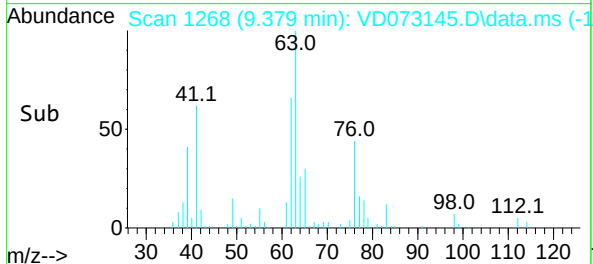
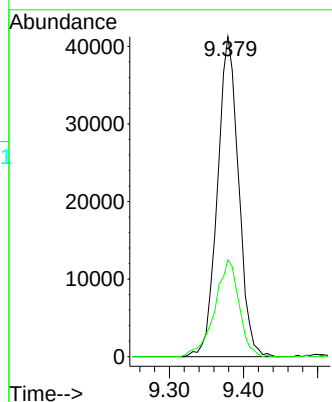
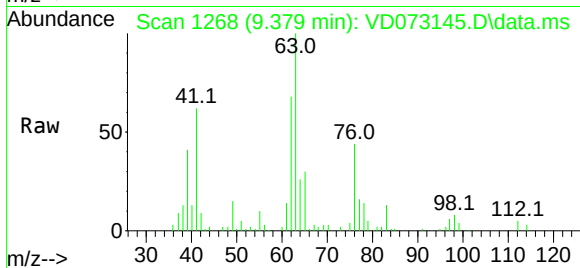
VD0519SBS01

Tgt Ion: 63 Resp: 81585

Ion Ratio Lower Upper

63 100

65 30.3 26.2 39.4



#46

Dibromomethane

Concen: 19.758 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073145.D

Acq: 19 May 2022 18:22

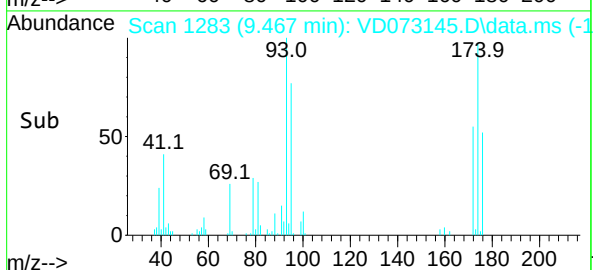
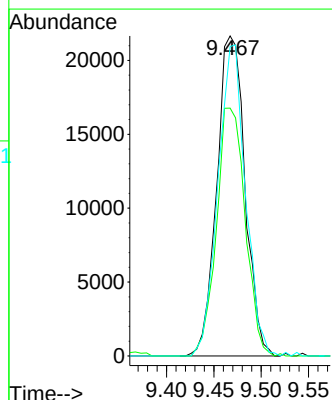
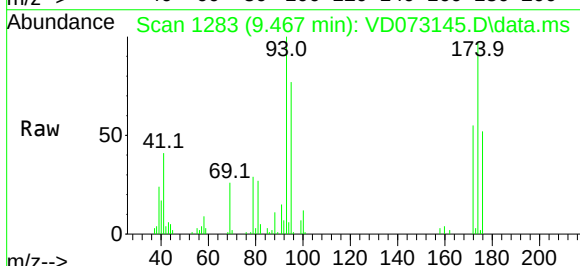
Tgt Ion: 93 Resp: 44859

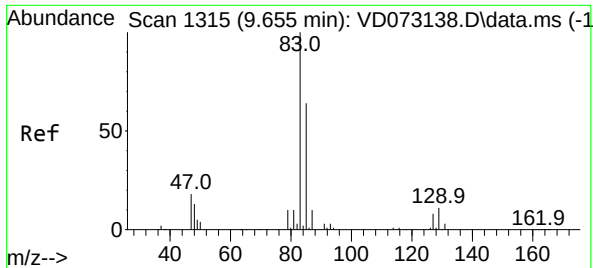
Ion Ratio Lower Upper

93 100

95 78.9 66.7 100.1

174 94.7 71.6 107.4

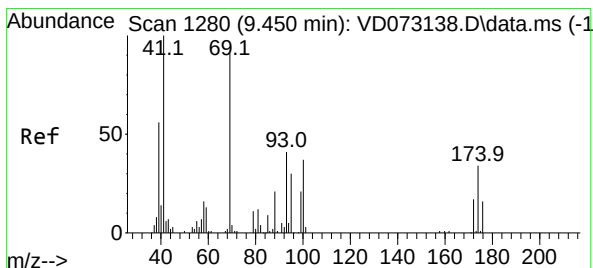
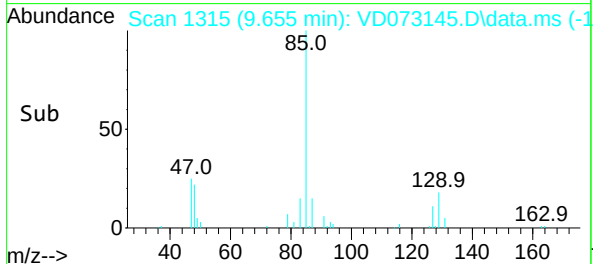
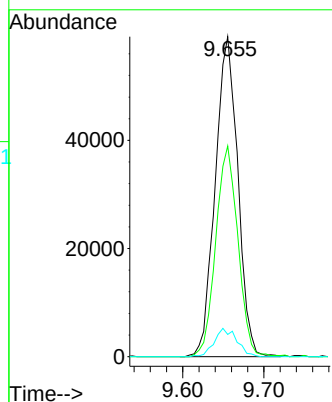
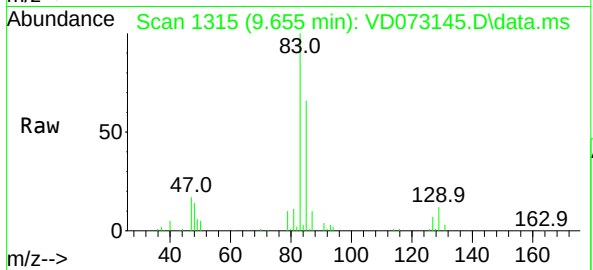




#47
Bromodichloromethane
Concen: 19.711 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

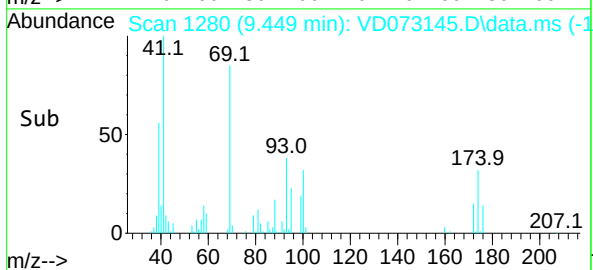
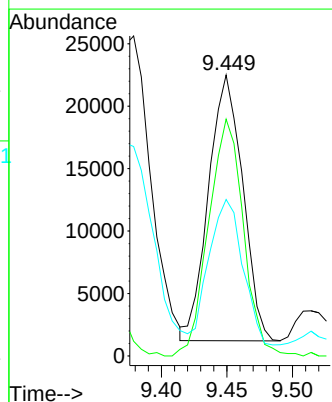
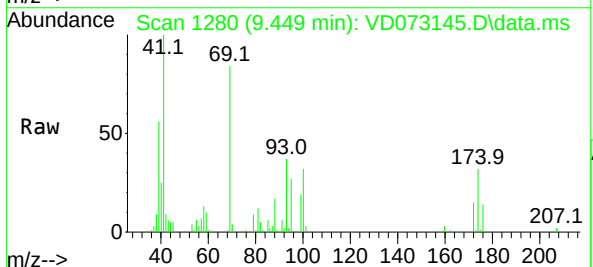
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

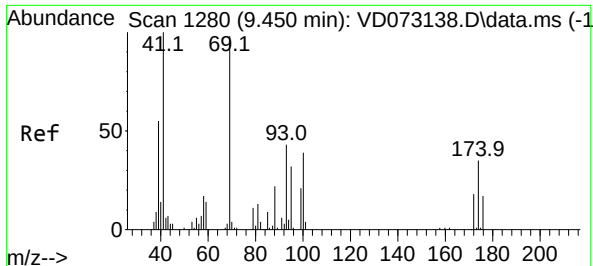
Tgt Ion: 83 Resp: 114505
Ion Ratio Lower Upper
83 100
85 65.9 51.4 77.0
127 6.9 6.1 9.1



#48
Methyl methacrylate
Concen: 18.434 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 41 Resp: 38565
Ion Ratio Lower Upper
41 100
69 90.8 56.7 85.1#
39 63.0 42.7 64.1

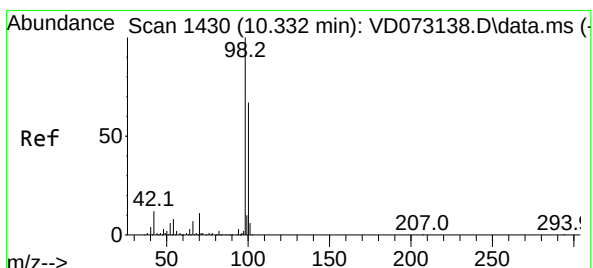
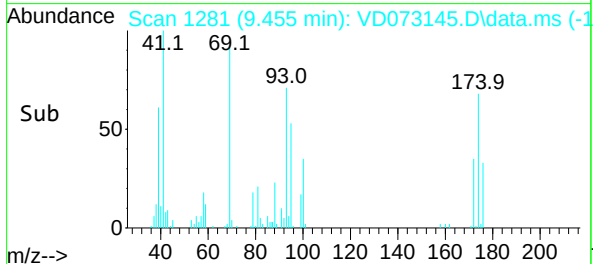
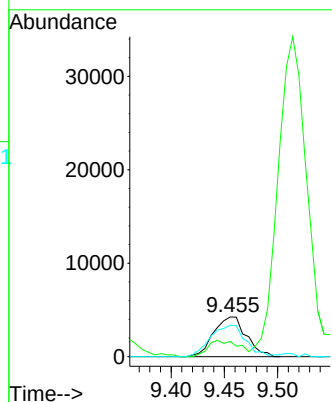
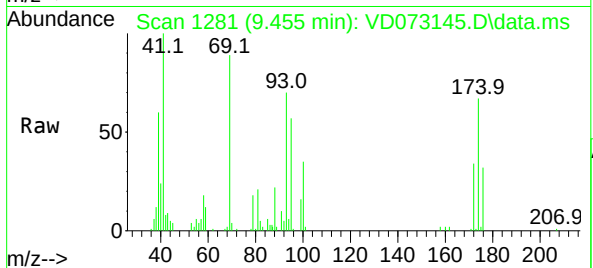




#49
1,4-Dioxane
Concen: 386.286 ug/l
RT: 9.455 min Scan# 1280
Delta R.T. 0.005 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

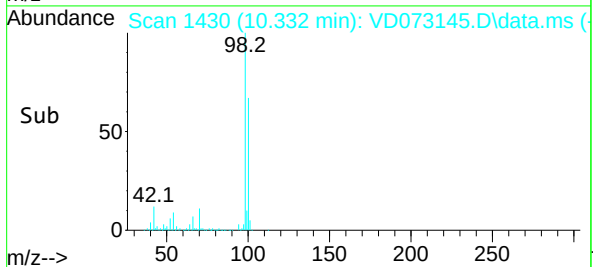
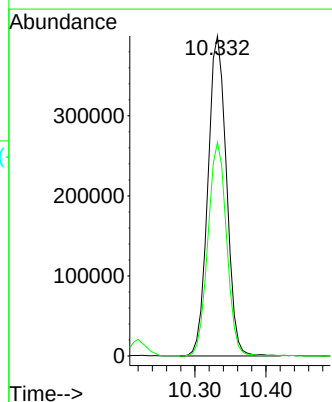
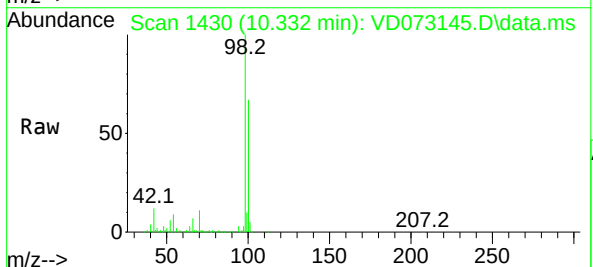
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

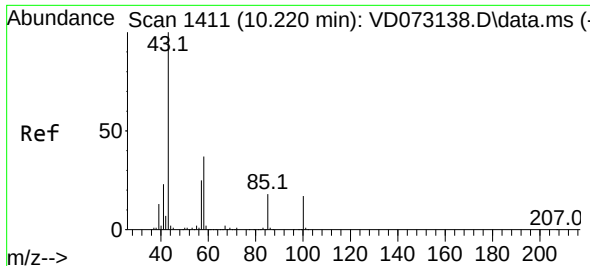
Tgt Ion: 88 Resp: 9057
Ion Ratio Lower Upper
88 100
43 39.1 31.0 46.4
58 85.4 58.1 87.1



#50
Toluene-d8
Concen: 51.917 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 98 Resp: 724756
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6

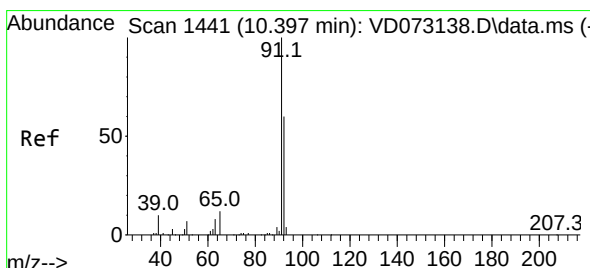
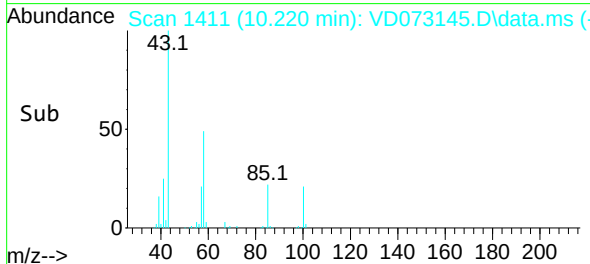
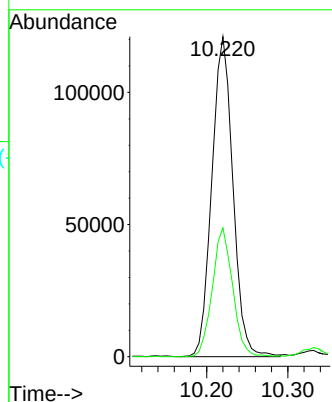
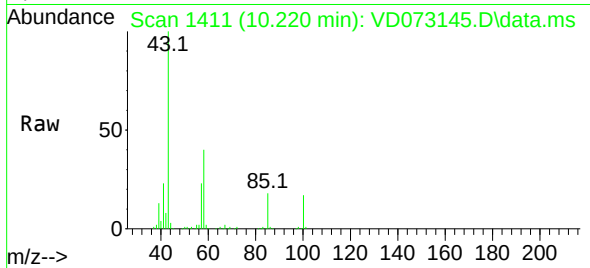




#51
4-Methyl-2-Pentanone
Concen: 101.255 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

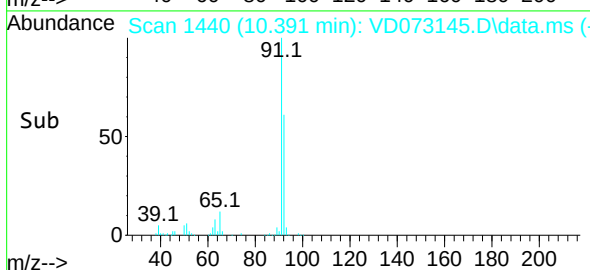
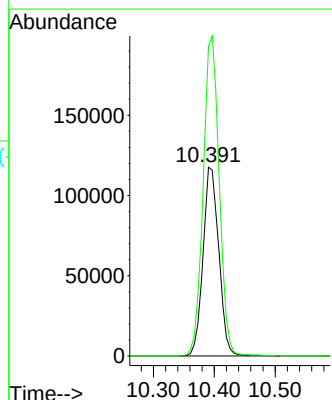
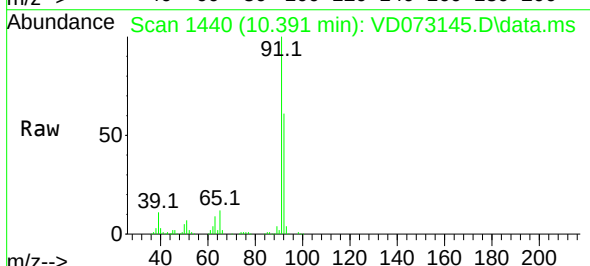
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

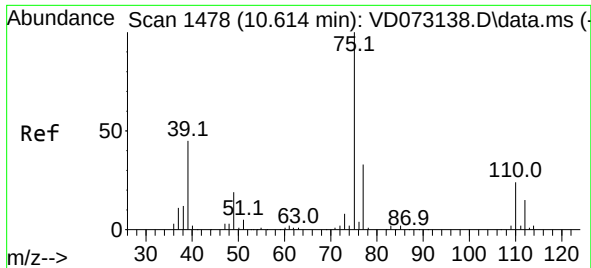
Tgt Ion: 43 Resp: 218684
Ion Ratio Lower Upper
43 100
58 38.8 28.6 43.0



#52
Toluene
Concen: 20.462 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 92 Resp: 212245
Ion Ratio Lower Upper
92 100
91 172.2 139.6 209.4

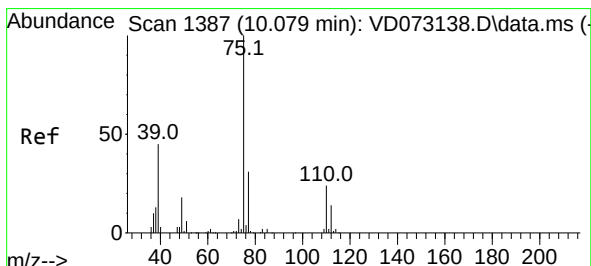
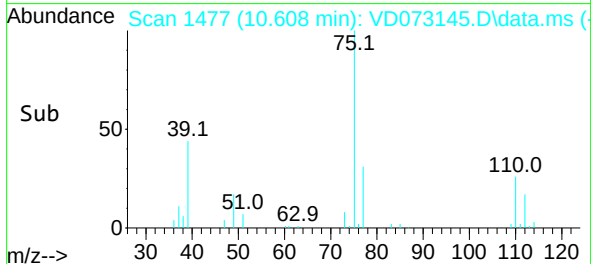
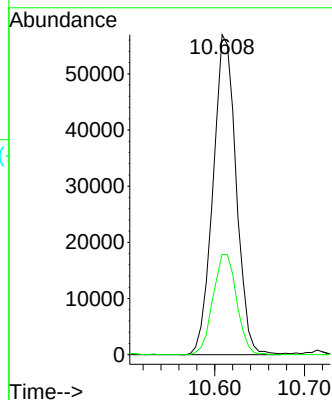
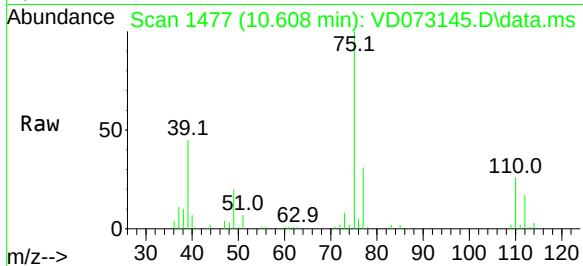




#53
t-1,3-Dichloropropene
Concen: 19.407 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

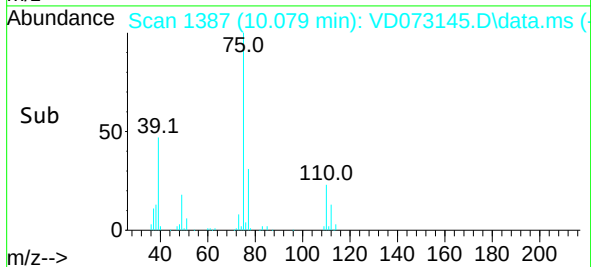
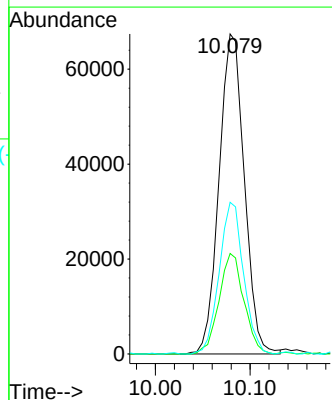
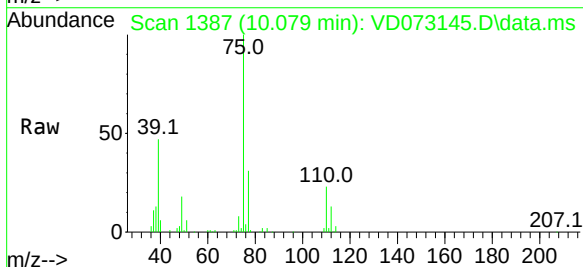
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

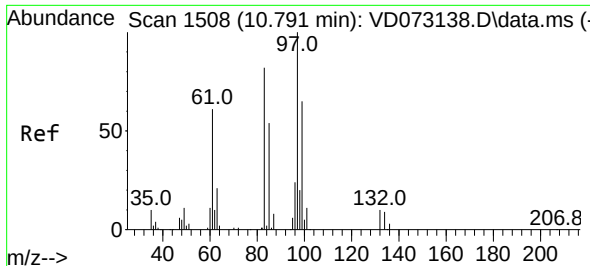
Tgt Ion: 75 Resp: 101851
Ion Ratio Lower Upper
75 100
77 31.4 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 19.923 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 75 Resp: 125127
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2
39 47.4 46.8 70.2

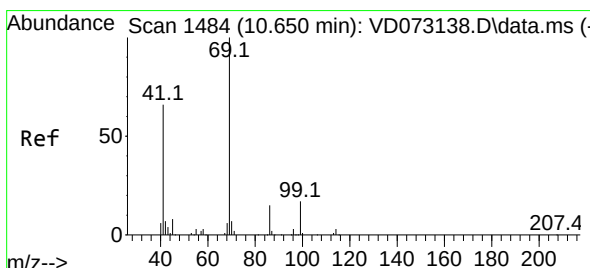
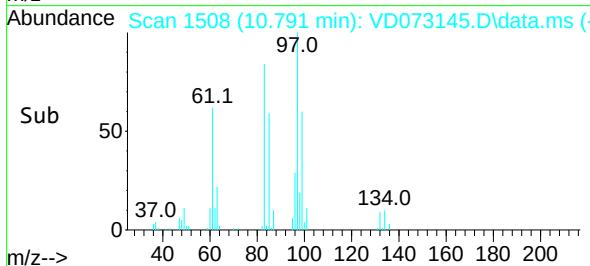
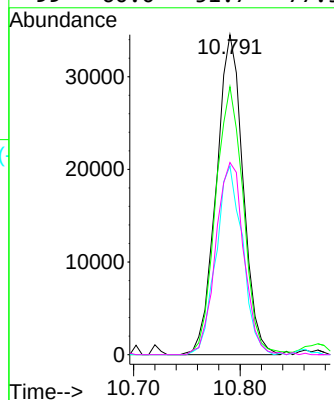
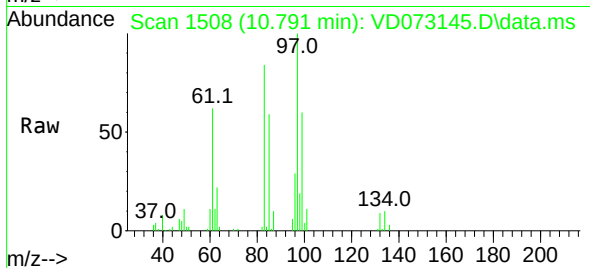




#55
1,1,2-Trichloroethane
Concen: 19.608 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

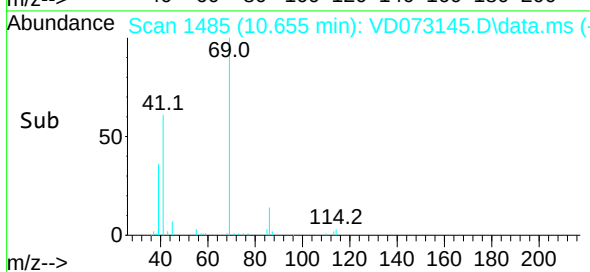
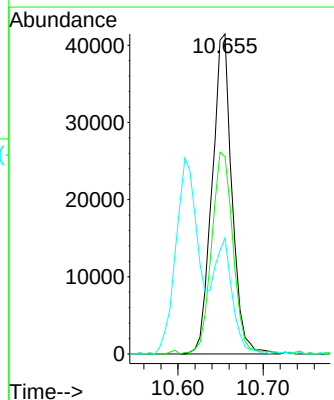
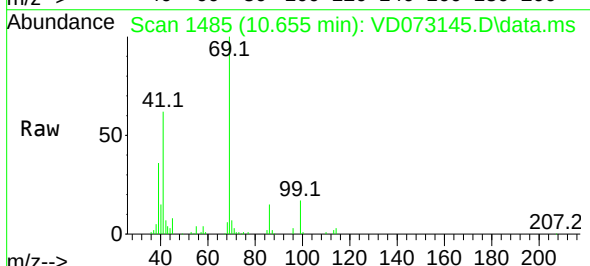
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

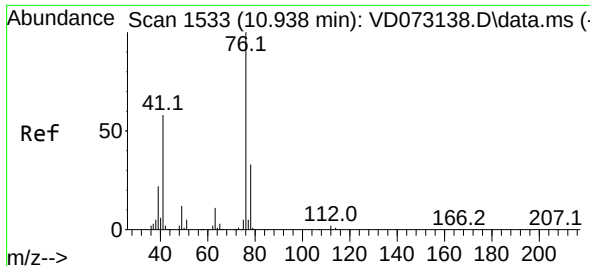
Tgt Ion:	97	Resp:	60201
Ion	Ratio	Lower	Upper
97	100		
83	83.8	69.0	103.4
85	59.0	42.6	63.8
99	60.0	51.7	77.5



#56
Ethyl methacrylate
Concen: 19.593 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.005 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion:	69	Resp:	66883
Ion	Ratio	Lower	Upper
69	100		
41	68.4	63.0	94.6
39	31.5	33.8	50.8





#57

1,3-Dichloropropane

Concen: 20.173 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073145.D

Acq: 19 May 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

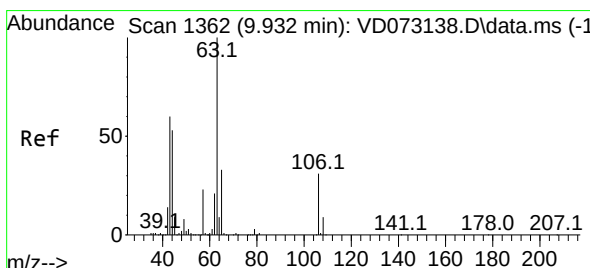
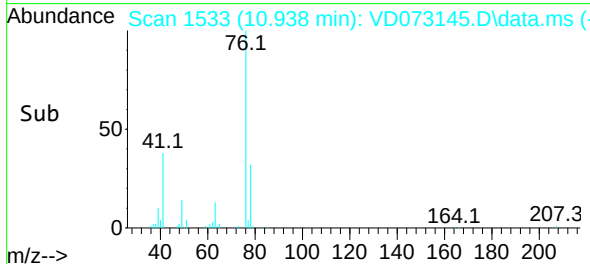
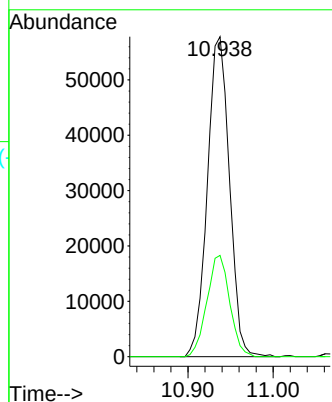
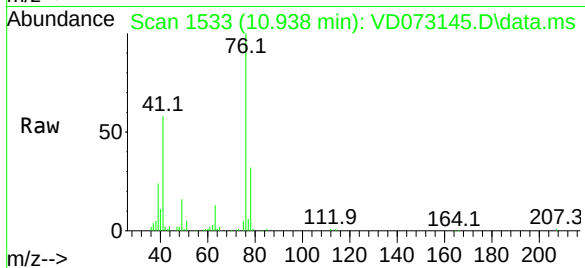
VD0519SBS01

Tgt Ion: 76 Resp: 103918

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 88.362 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073145.D

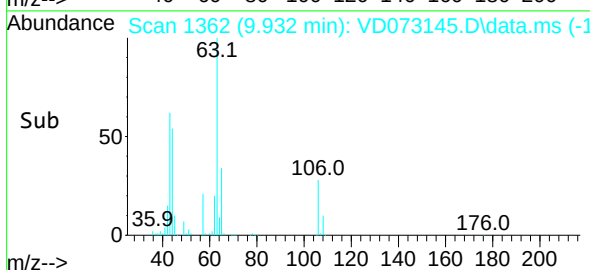
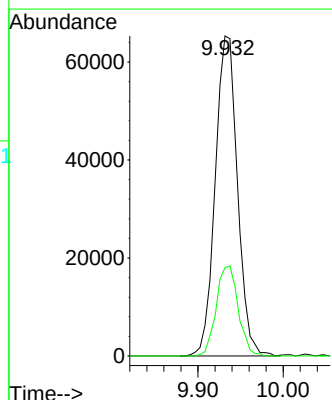
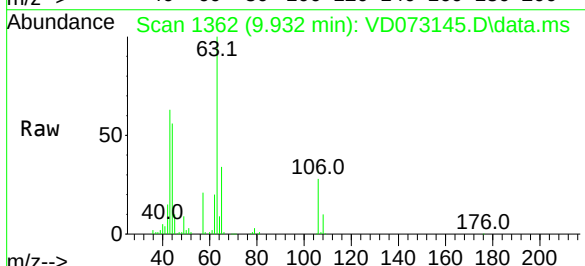
Acq: 19 May 2022 18:22

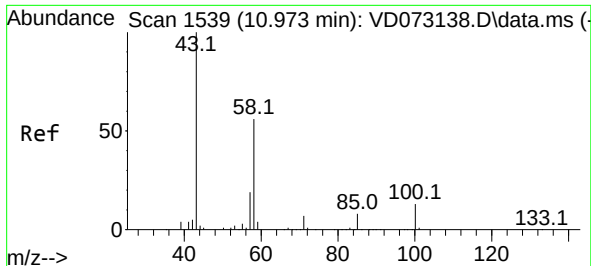
Tgt Ion: 63 Resp: 118486

Ion Ratio Lower Upper

63 100

106 27.8 21.4 32.0

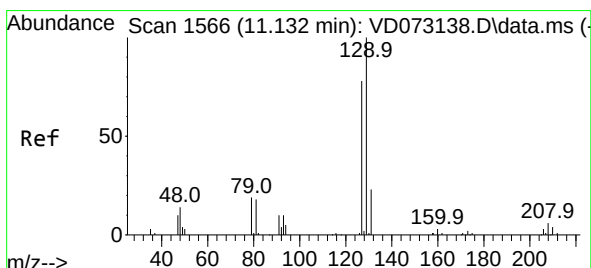
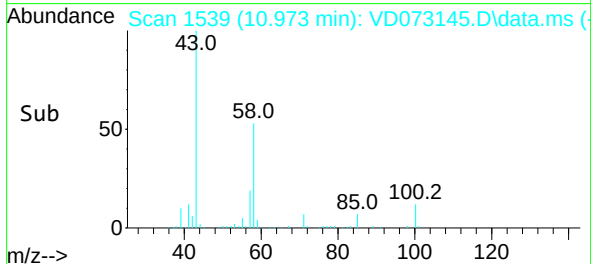
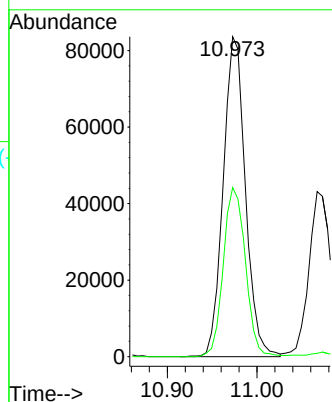
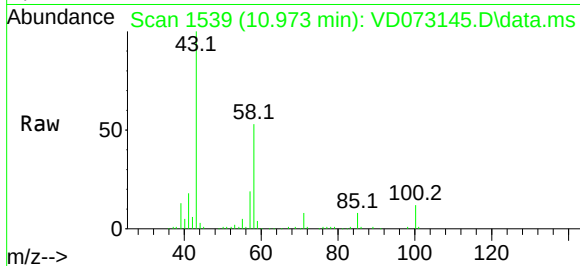




#59
2-Hexanone
Concen: 100.859 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

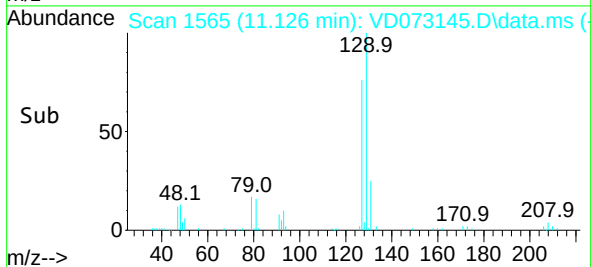
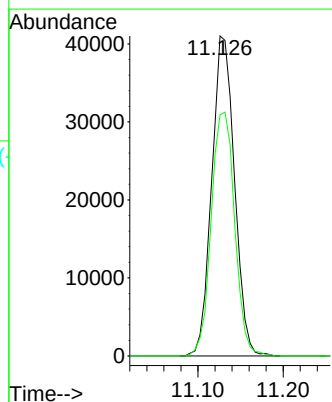
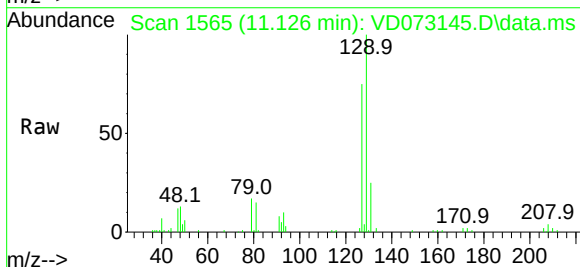
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

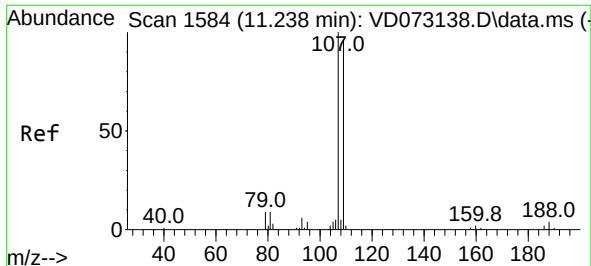
Tgt Ion: 43 Resp: 143612
Ion Ratio Lower Upper
43 100
58 52.6 25.3 75.9



#60
Dibromochloromethane
Concen: 19.864 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion:129 Resp: 76045
Ion Ratio Lower Upper
129 100
127 78.6 39.2 117.6

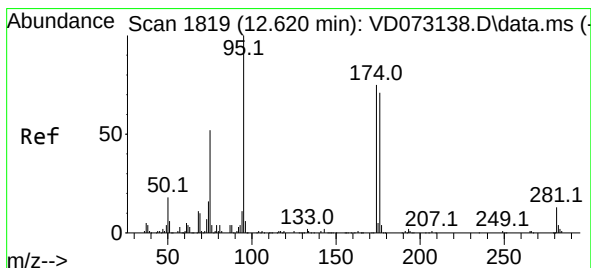
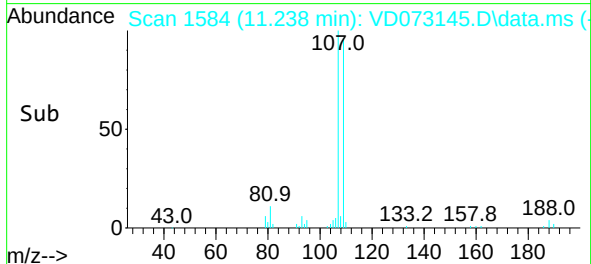
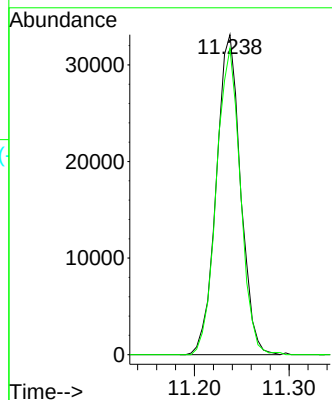
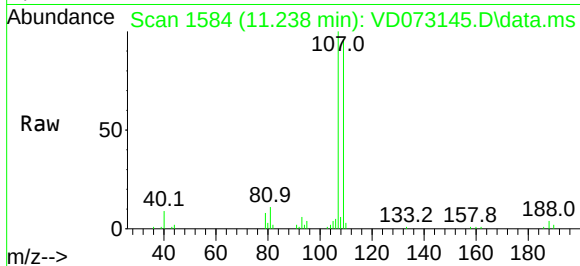




#61
1,2-Dibromoethane
Concen: 20.115 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

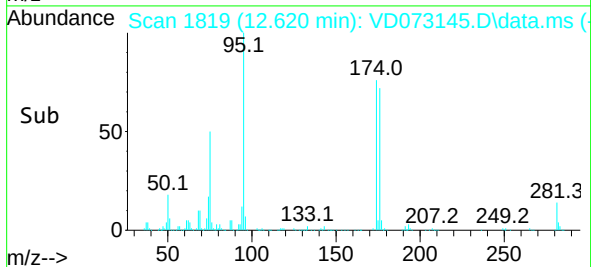
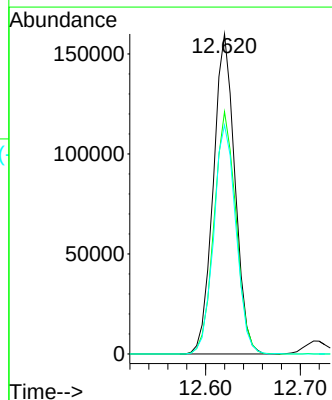
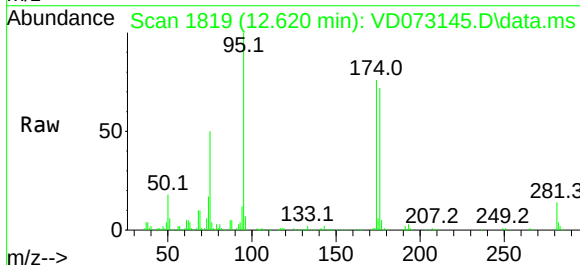
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

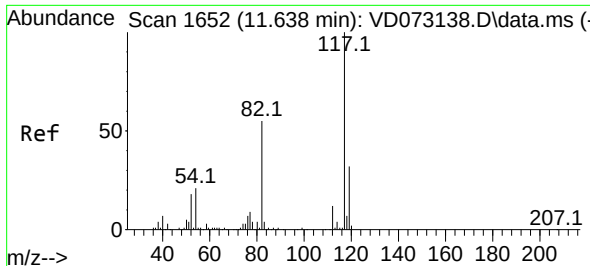
Tgt Ion:107 Resp: 59011
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 51.686 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

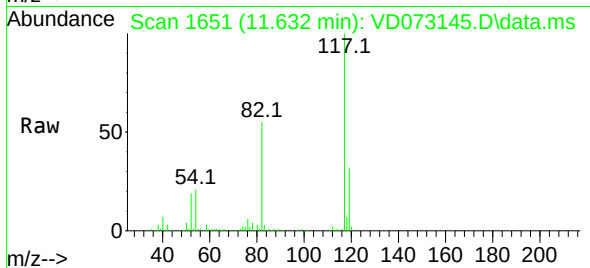
Tgt Ion: 95 Resp: 253215
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 73.5 0.0 145.4



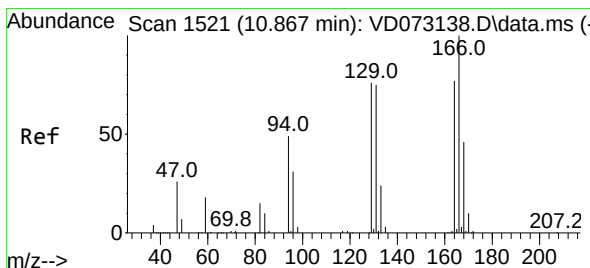
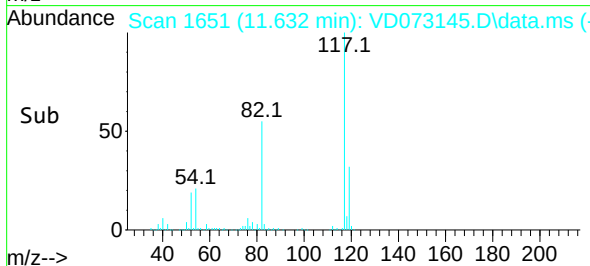
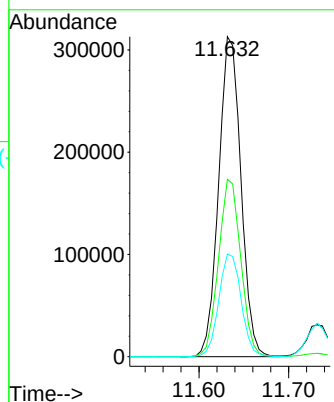


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

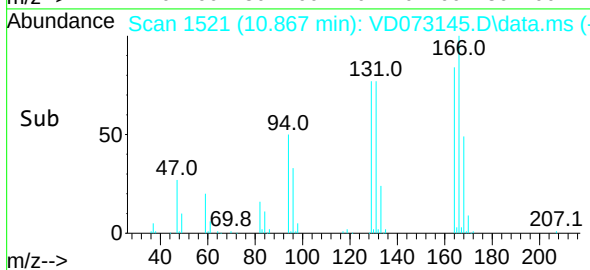
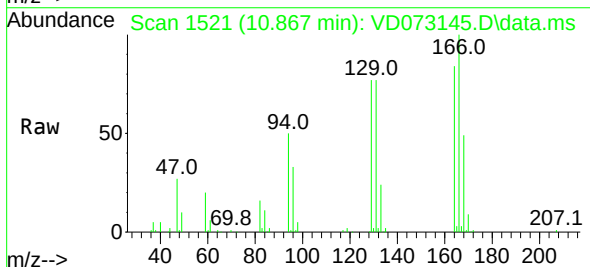
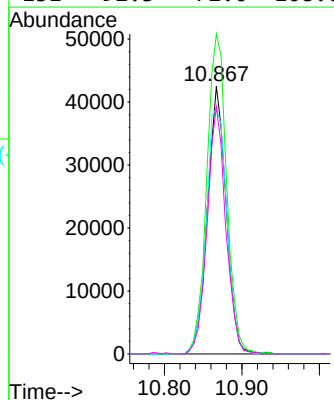


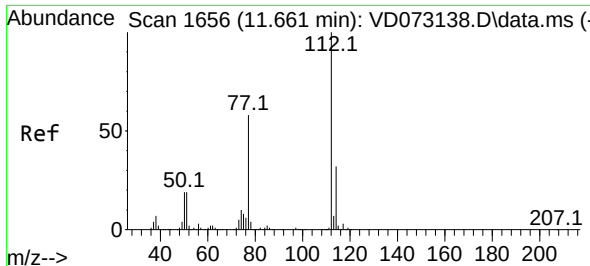
Tgt Ion:	117	Resp:	539700
Ion Ratio	100	Lower	Upper
117	100		
82	55.5	45.3	67.9
119	32.1	26.6	40.0



#64
Tetrachloroethene
Concen: 20.285 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion:	164	Resp:	71704
Ion Ratio	100	Lower	Upper
164	100		
166	119.5	98.5	147.7
129	91.7	74.6	111.8
131	92.3	72.0	108.0

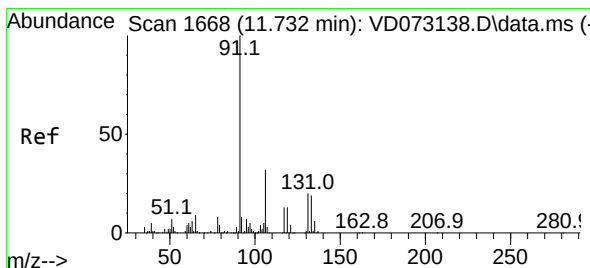
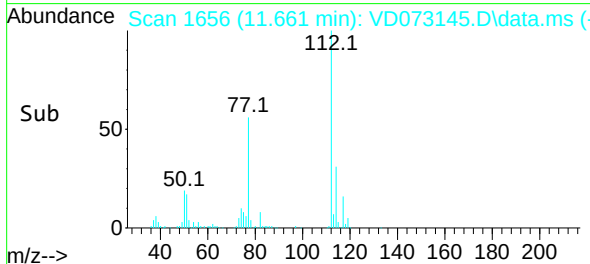
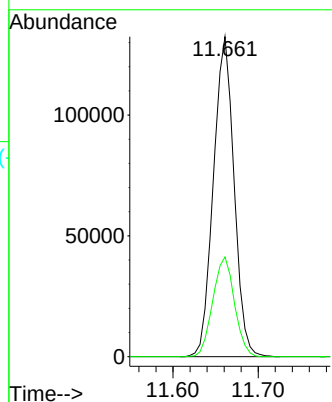
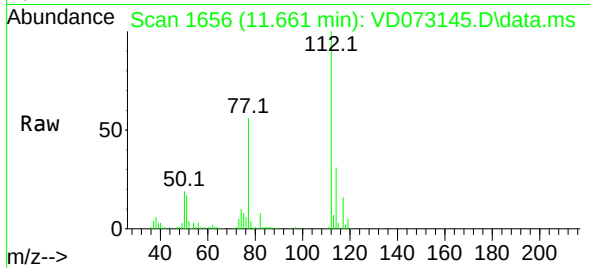




#65
Chlorobenzene
Concen: 20.112 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

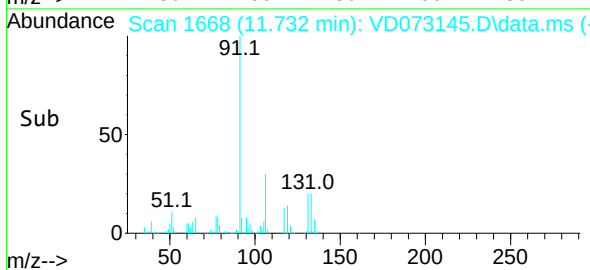
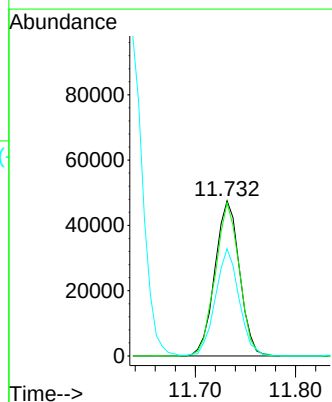
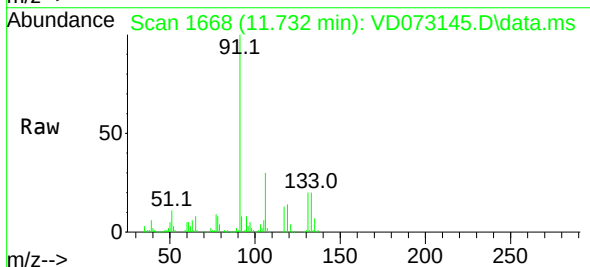
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

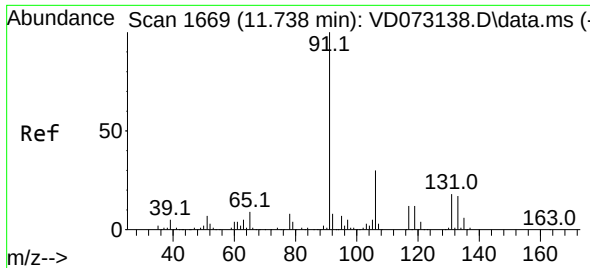
Tgt Ion:112 Resp: 222674
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.774 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion:131 Resp: 81198
Ion Ratio Lower Upper
131 100
133 96.5 48.1 144.3
119 66.2 31.9 95.9

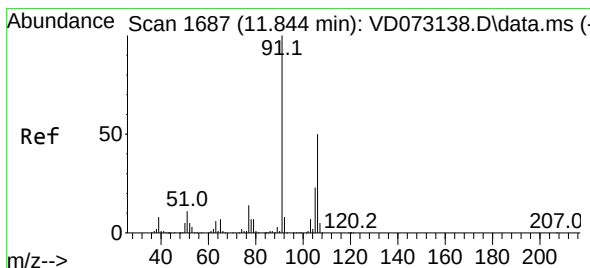
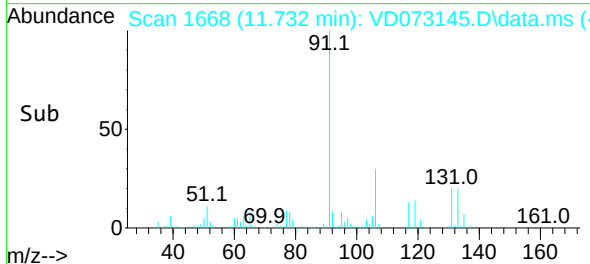
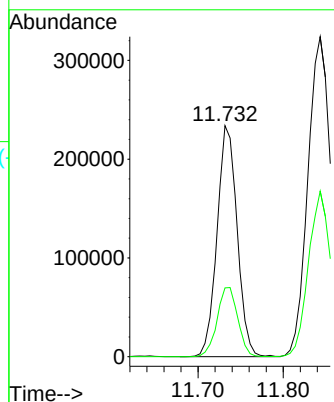
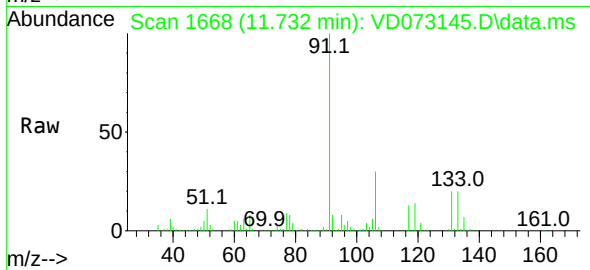




#67
Ethyl Benzene
Concen: 19.736 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

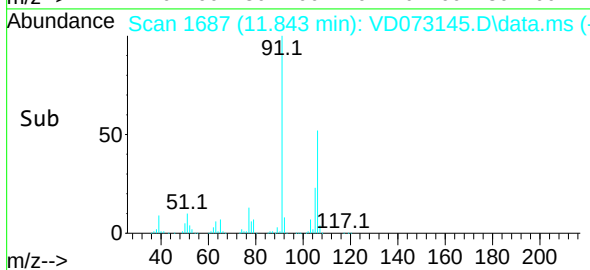
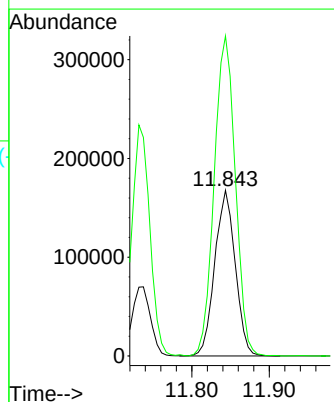
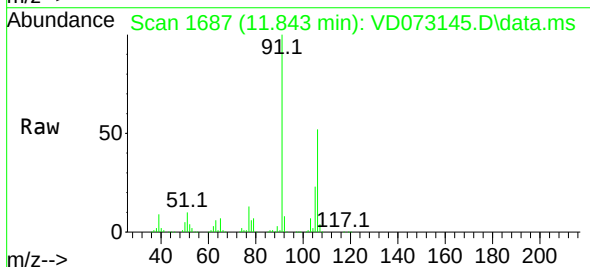
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

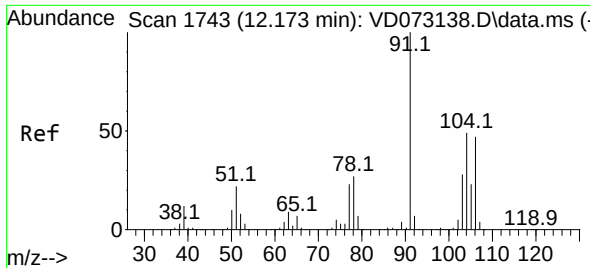
Tgt Ion: 91 Resp: 383586
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.4



#68
m/p-Xylenes
Concen: 40.746 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion:106 Resp: 307682
Ion Ratio Lower Upper
106 100
91 199.4 163.7 245.5

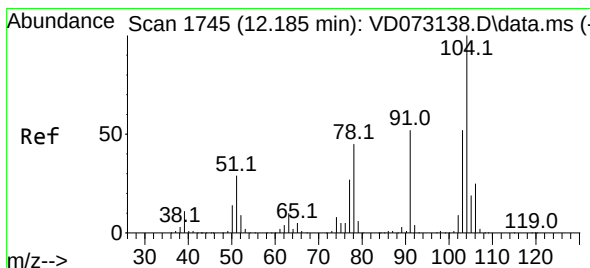
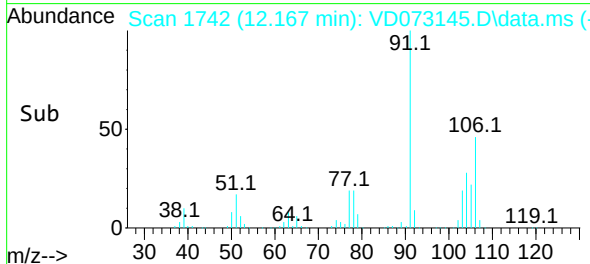
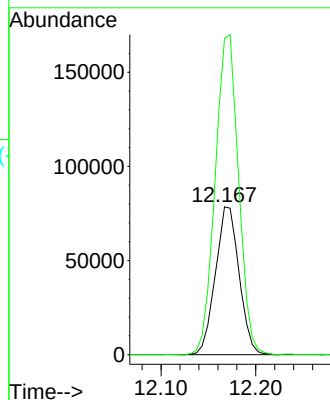
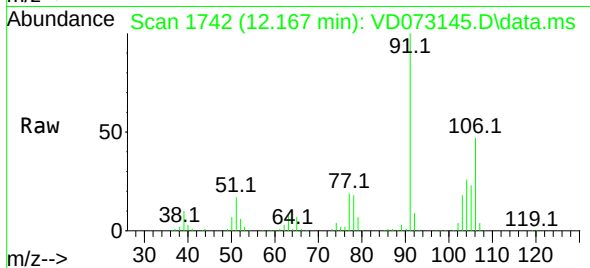




#69
o-Xylene
Concen: 19.687 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

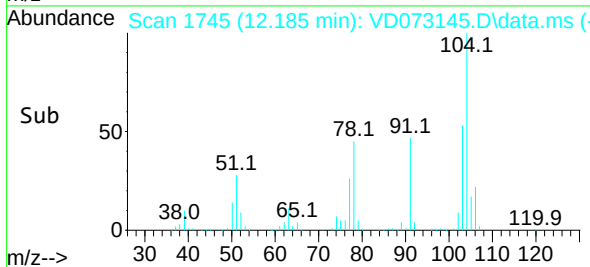
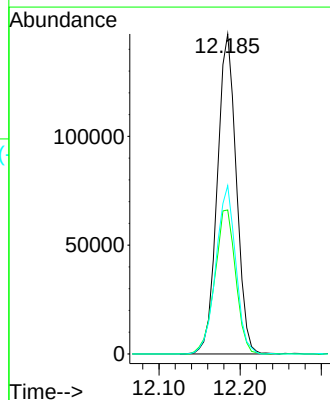
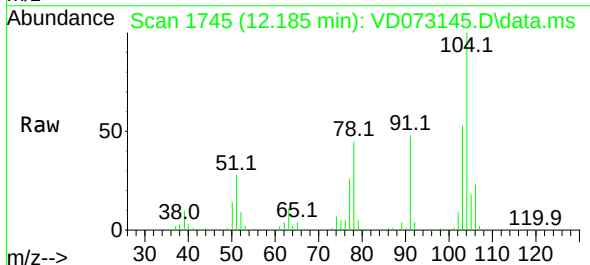
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

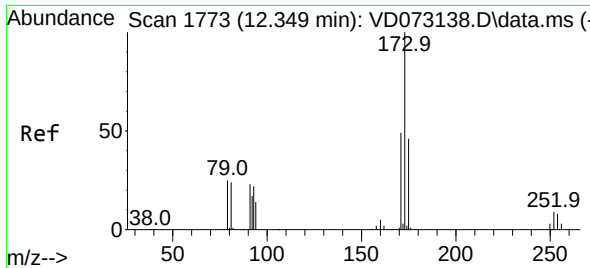
Tgt Ion:106 Resp: 136569
Ion Ratio Lower Upper
106 100
91 213.9 110.4 331.2



#70
Styrene
Concen: 20.111 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion:104 Resp: 240024
Ion Ratio Lower Upper
104 100
78 49.5 41.8 62.8
103 54.7 44.2 66.4

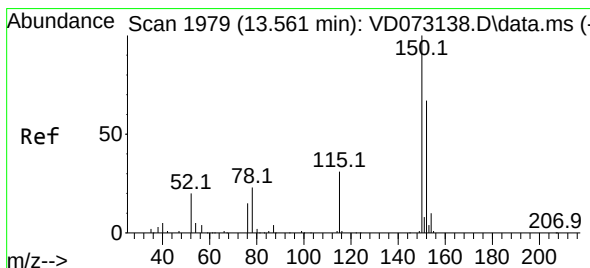
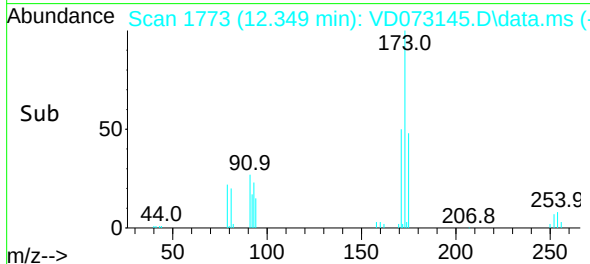
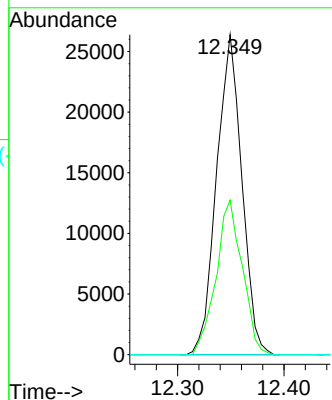
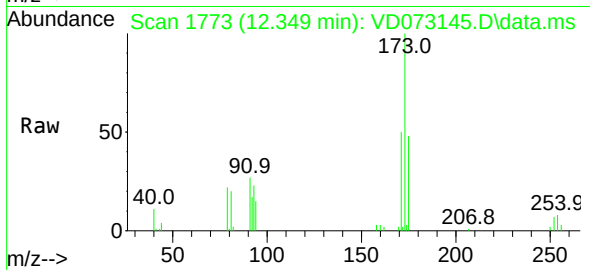




#71
Bromoform
Concen: 20.535 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

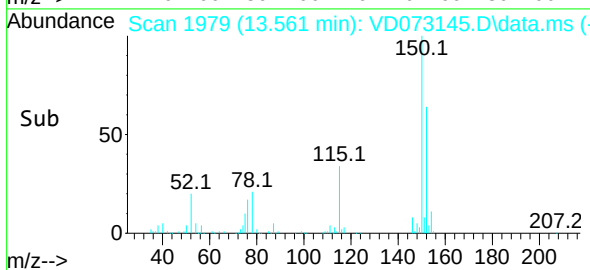
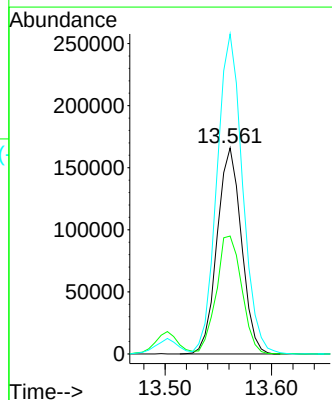
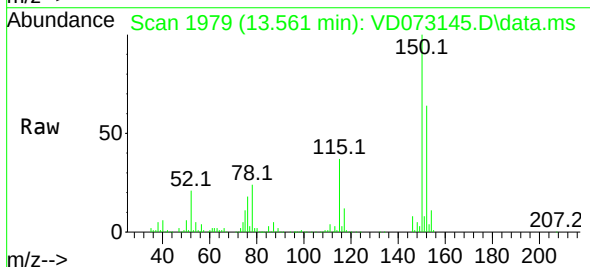
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

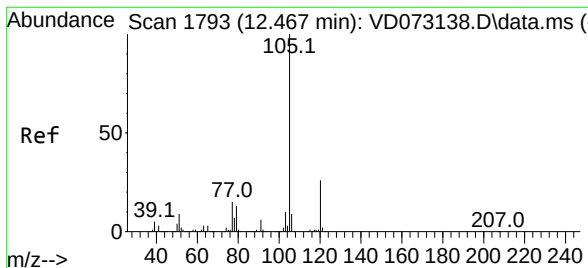
Tgt Ion:173 Resp: 43398
Ion Ratio Lower Upper
173 100
175 50.2 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion:152 Resp: 262999
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 163.8 0.0 348.6





#73

Isopropylbenzene

Concen: 19.582 ug/l

RT: 12.467 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073145.D

Acq: 19 May 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

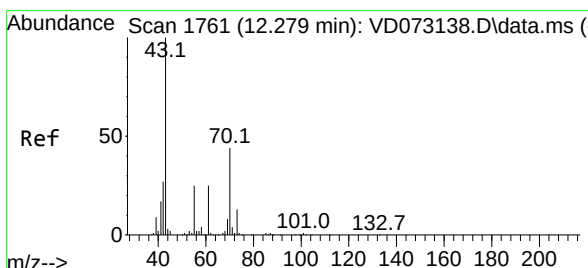
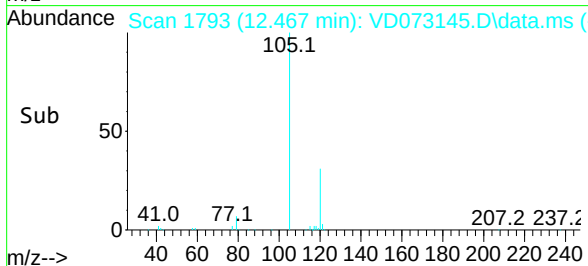
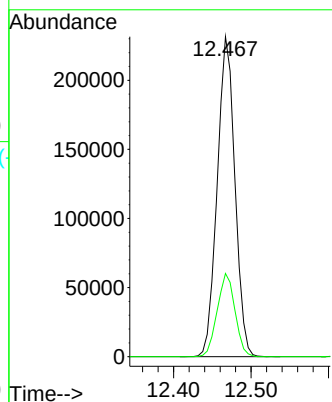
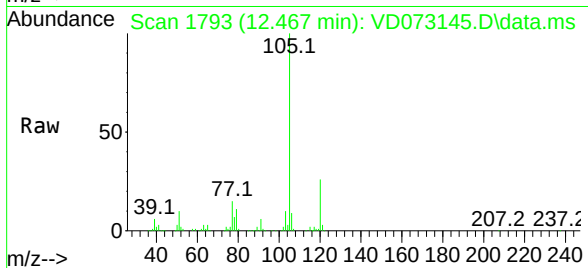
VD0519SBS01

Tgt Ion:105 Resp: 367150

Ion Ratio Lower Upper

105 100

120 26.1 13.0 38.9



#74

N-ethyl acetate

Concen: 20.143 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD073145.D

Acq: 19 May 2022 18:22

Tgt Ion: 43 Resp: 82388

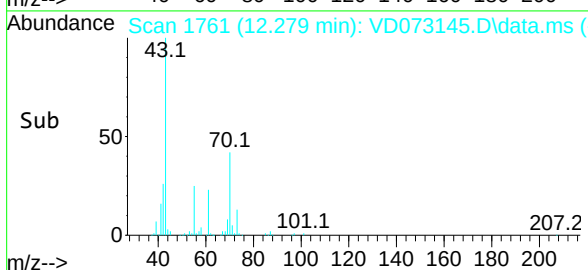
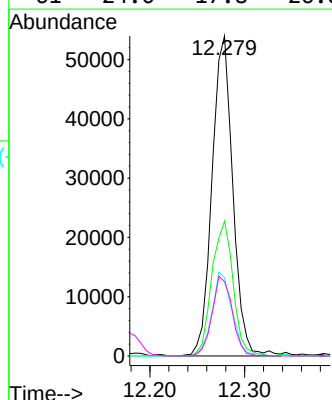
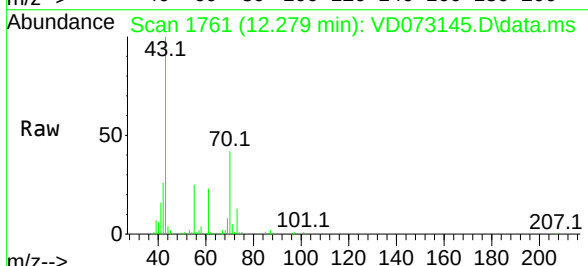
Ion Ratio Lower Upper

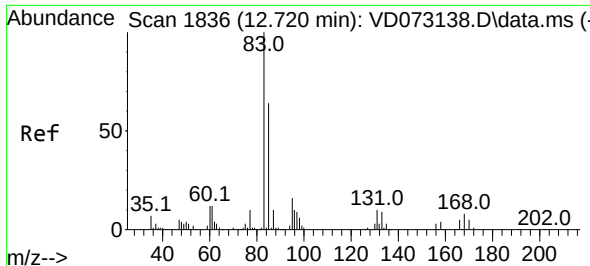
43 100

70 43.0 31.3 46.9

55 25.5 20.0 30.0

61 24.0 17.8 26.8

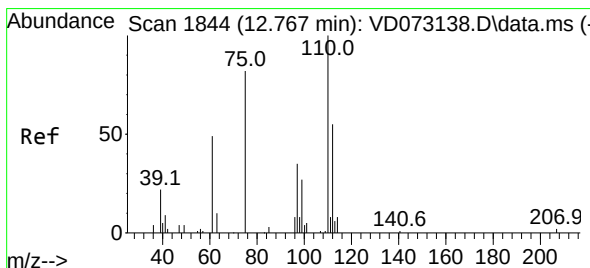
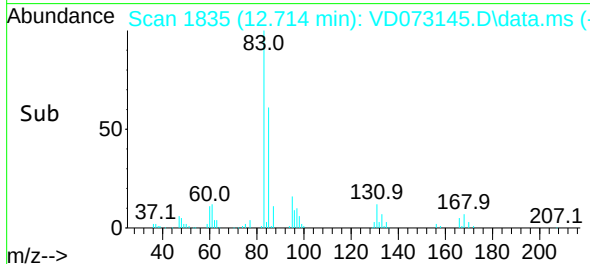
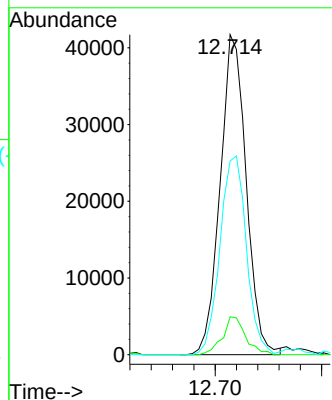
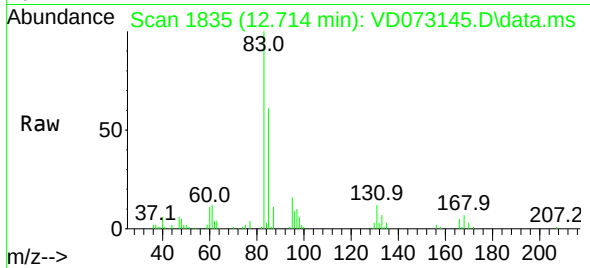




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.472 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD073145.D
 Acq: 19 May 2022 18:22

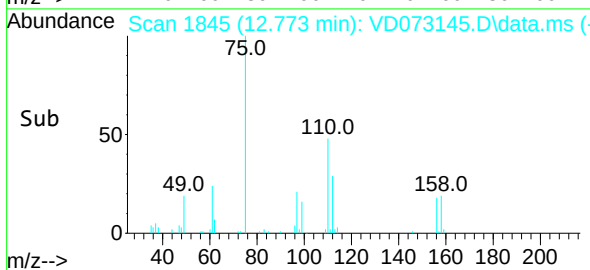
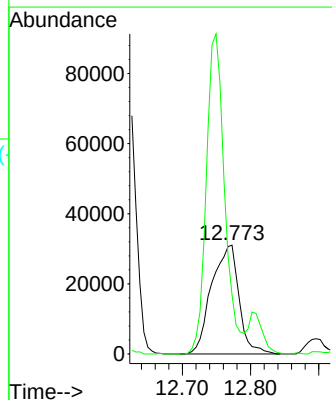
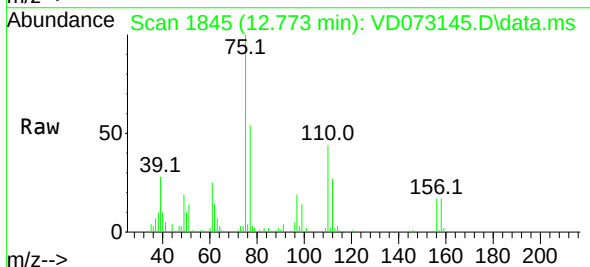
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS01

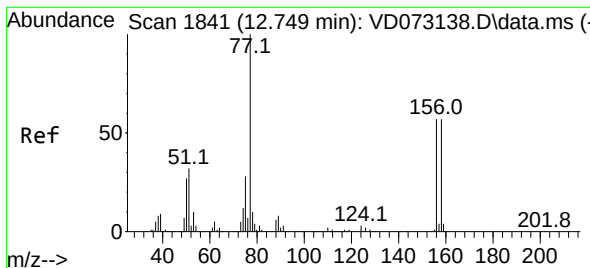
Tgt Ion: 83 Resp: 70790
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.0 14.9
 85 62.9 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 33.635 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VD073145.D
 Acq: 19 May 2022 18:22

Tgt Ion: 75 Resp: 86794
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.554 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073145.D

Acq: 19 May 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS01

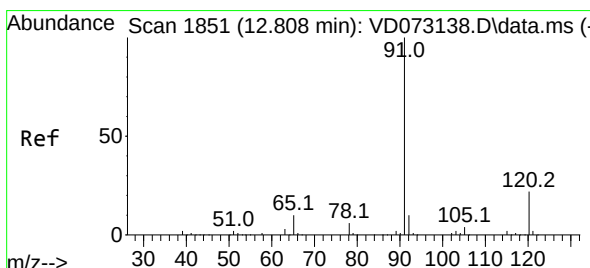
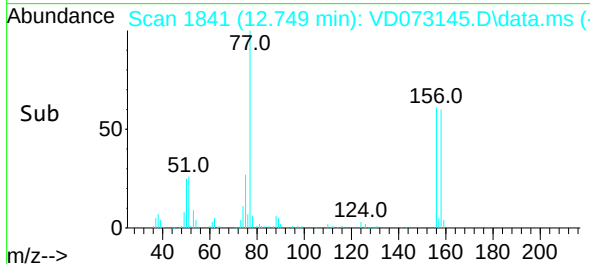
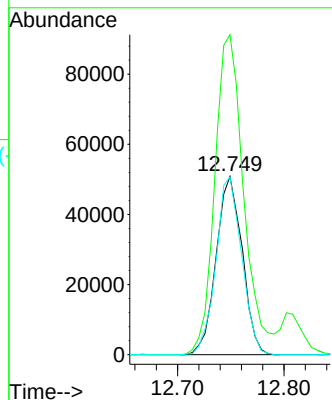
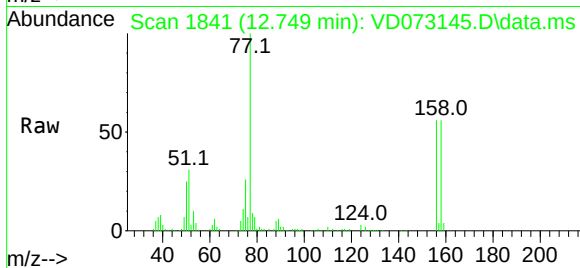
Tgt Ion:156 Resp: 86301

Ion Ratio Lower Upper

156 100

77 198.9 102.8 308.3

158 98.5 48.7 146.1



#78

n-propylbenzene

Concen: 19.791 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073145.D

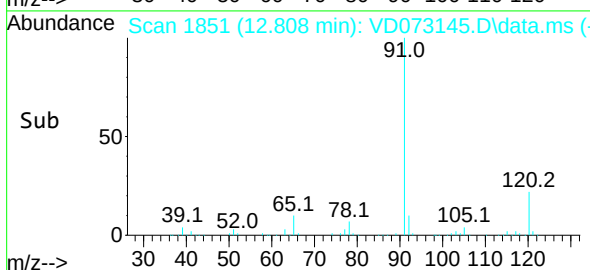
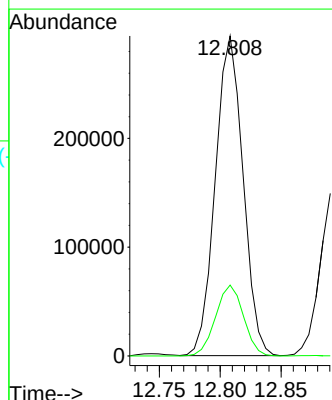
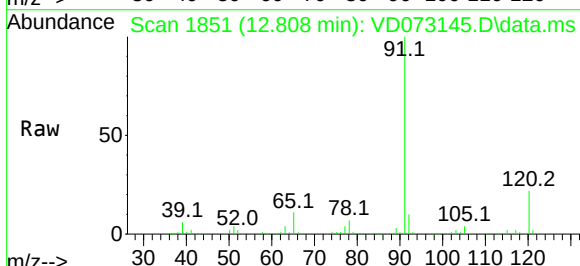
Acq: 19 May 2022 18:22

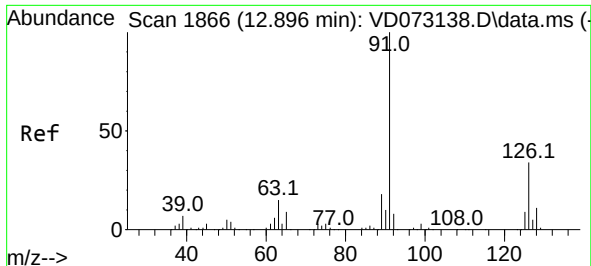
Tgt Ion: 91 Resp: 465838

Ion Ratio Lower Upper

91 100

120 22.3 10.9 32.9

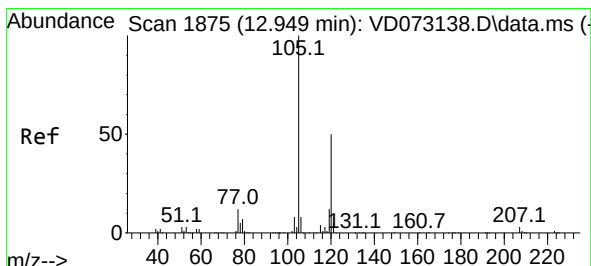
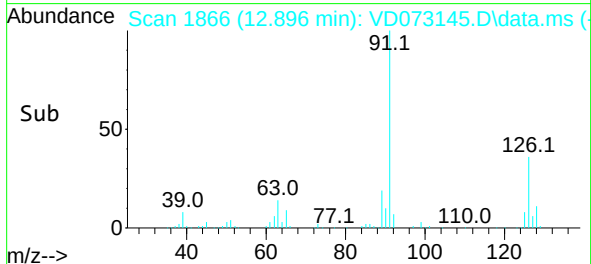
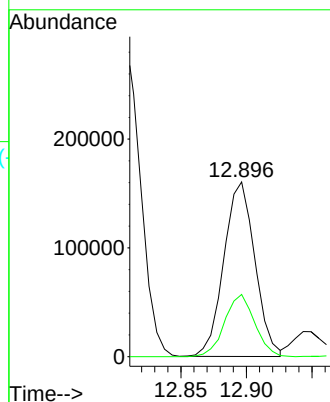
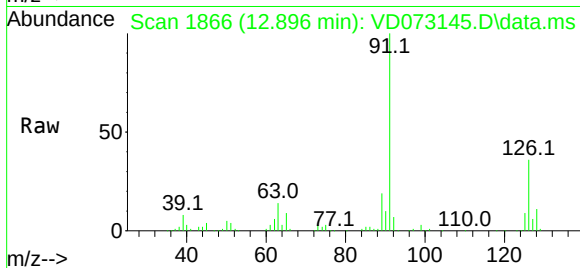




#79
2-Chlorotoluene
Concen: 19.462 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

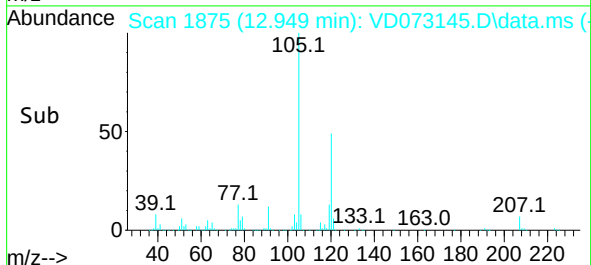
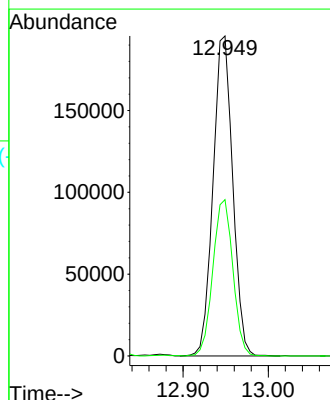
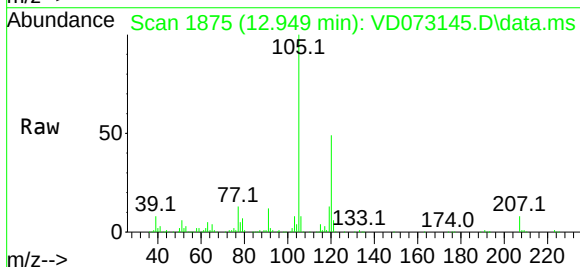
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

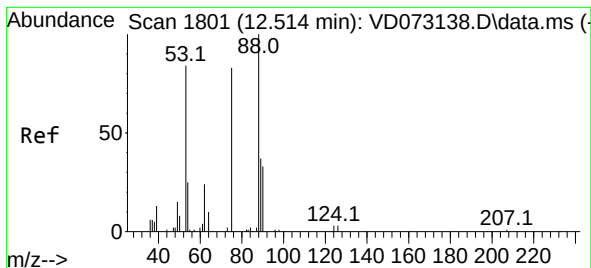
Tgt Ion: 91 Resp: 264495
Ion Ratio Lower Upper
91 100
126 34.6 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 19.744 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 105 Resp: 313577
Ion Ratio Lower Upper
105 100
120 49.8 24.3 72.8

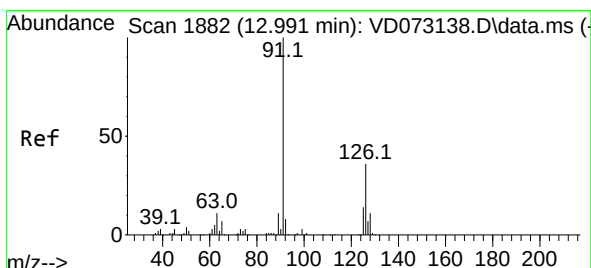
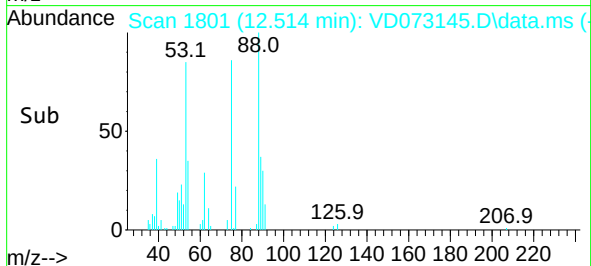
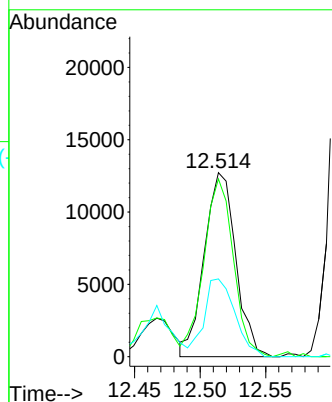
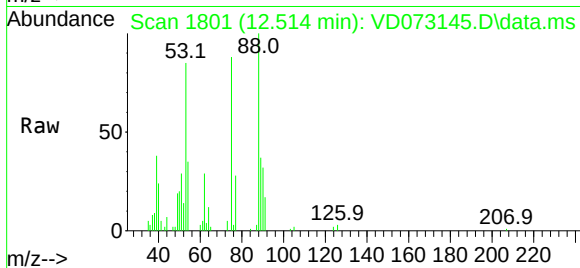




#81
trans-1,4-Dichloro-2-butene
Concen: 19.749 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

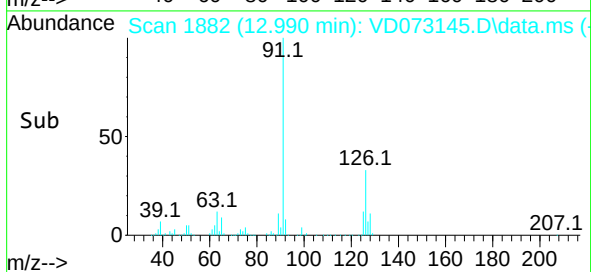
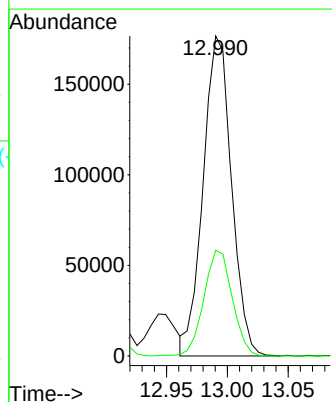
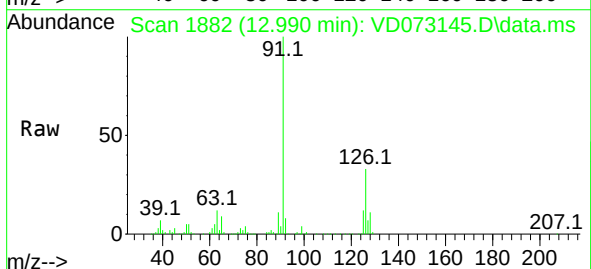
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

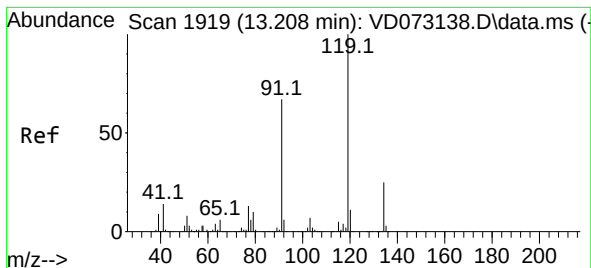
Tgt Ion: 75 Resp: 21228
Ion Ratio Lower Upper
75 100
53 91.2 86.5 129.7
89 41.2 33.9 50.9



#82
4-Chlorotoluene
Concen: 20.094 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 91 Resp: 286236
Ion Ratio Lower Upper
91 100
126 33.1 16.5 49.5





#83

tert-Butylbenzene

Concen: 18.939 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073145.D

Acq: 19 May 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS01

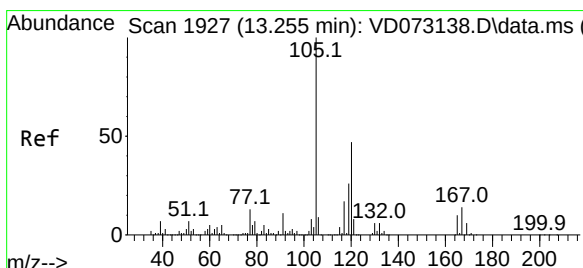
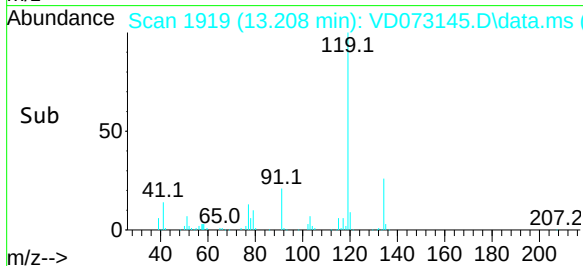
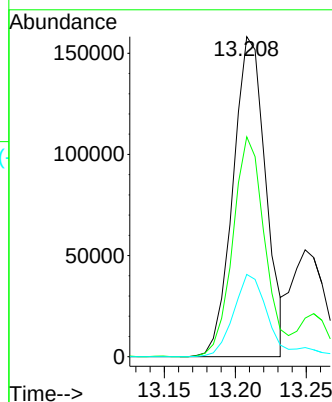
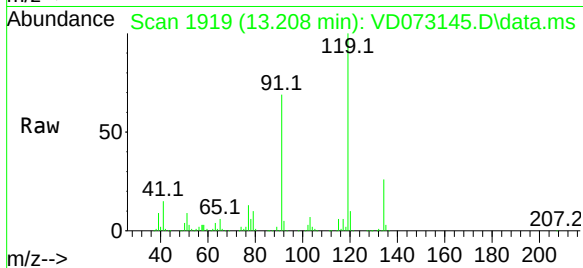
Tgt Ion:119 Resp: 253503

Ion Ratio Lower Upper

119 100

91 67.2 34.8 104.5

134 28.1 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.058 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073145.D

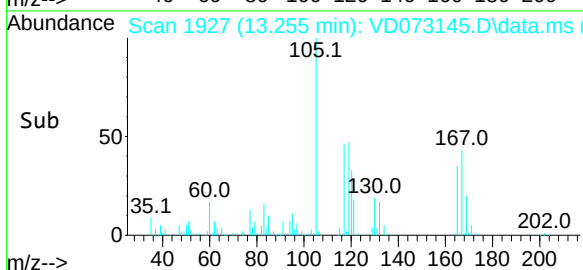
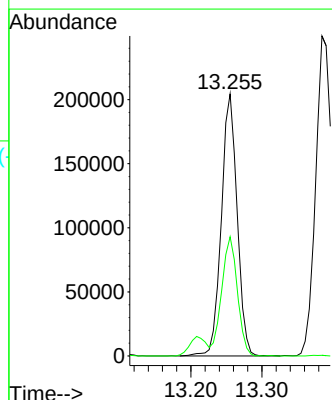
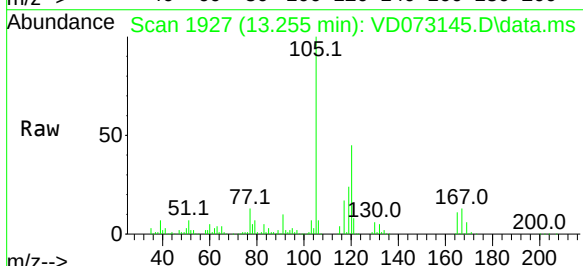
Acq: 19 May 2022 18:22

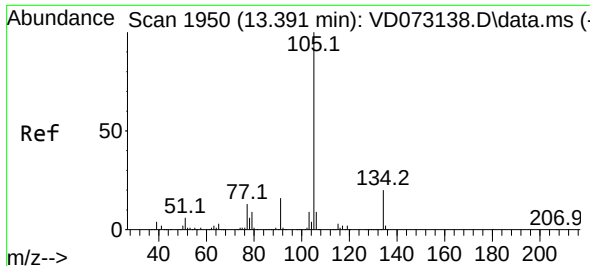
Tgt Ion:105 Resp: 314713

Ion Ratio Lower Upper

105 100

120 45.3 22.3 66.8

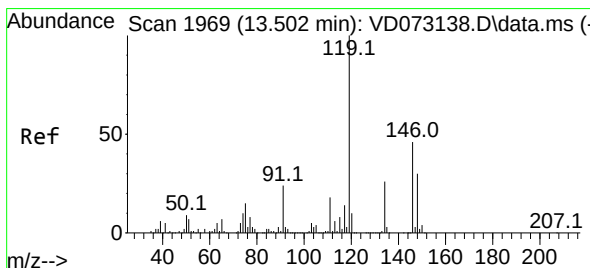
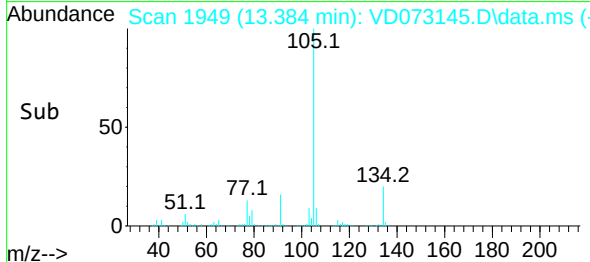
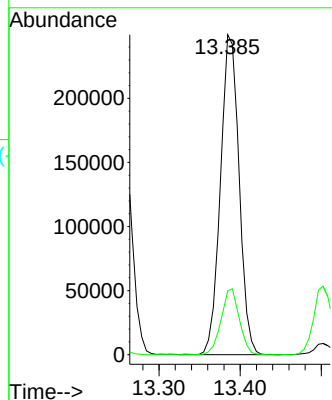
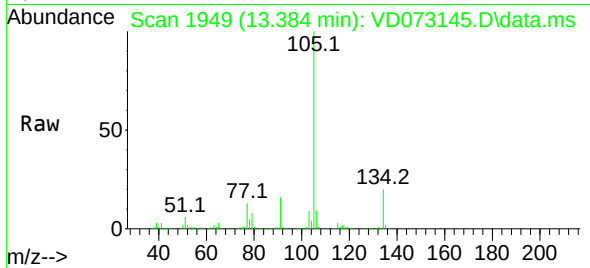




#85
 sec-Butylbenzene
 Concen: 19.524 ug/l
 RT: 13.384 min Scan# 1949
 Delta R.T. -0.007 min
 Lab File: VD073145.D
 Acq: 19 May 2022 18:22

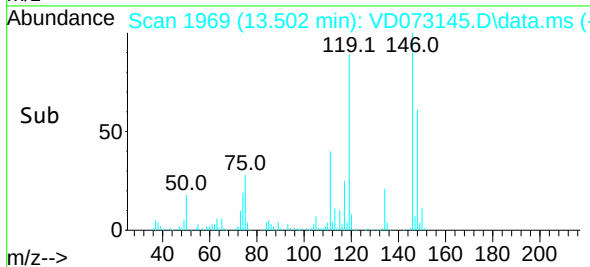
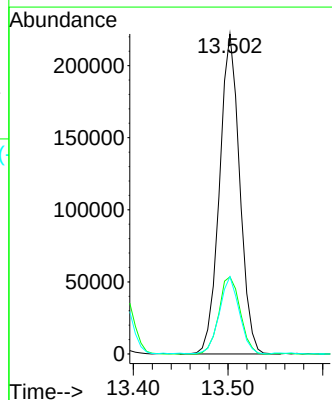
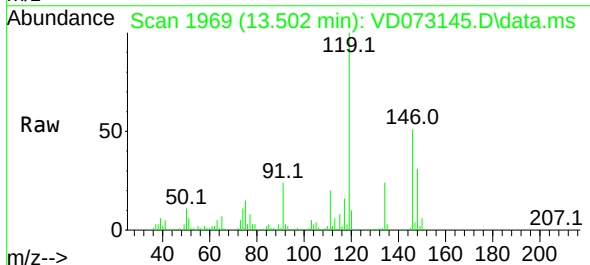
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS01

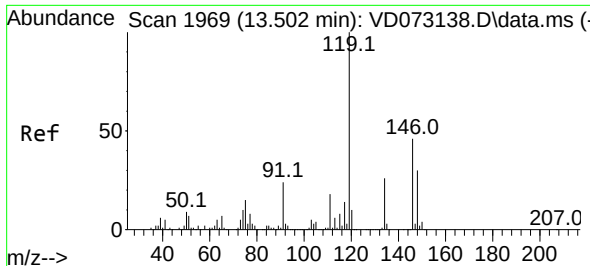
Tgt Ion:105 Resp: 399047
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.738 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073145.D
 Acq: 19 May 2022 18:22

Tgt Ion:119 Resp: 328845
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 23.9 12.1 36.3

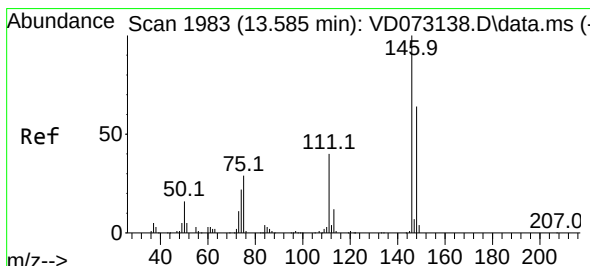
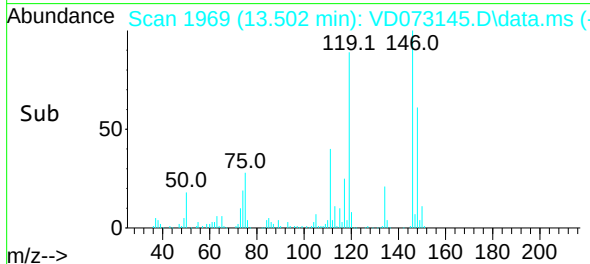
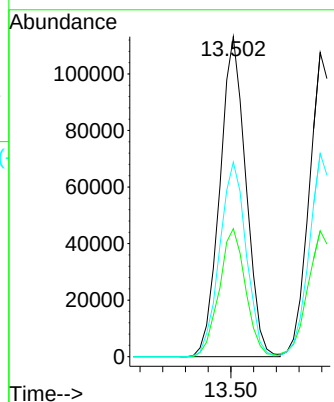
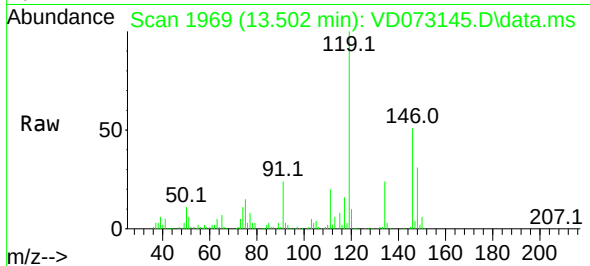




#87
1,3-Dichlorobenzene
Concen: 20.218 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

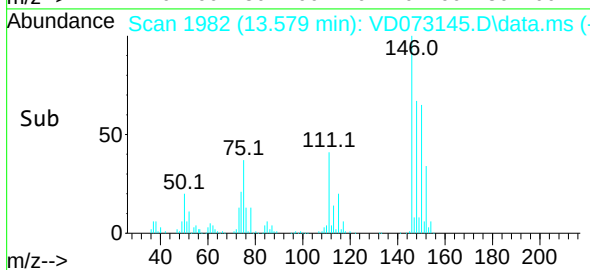
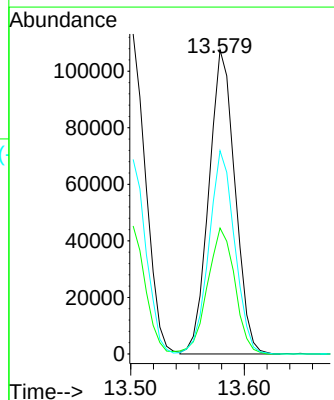
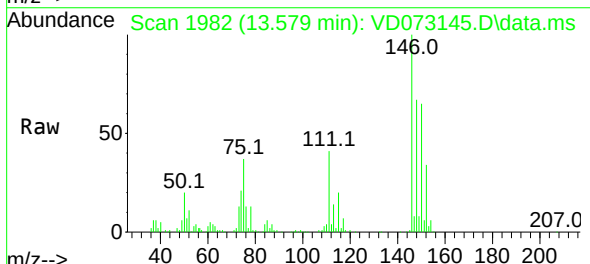
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

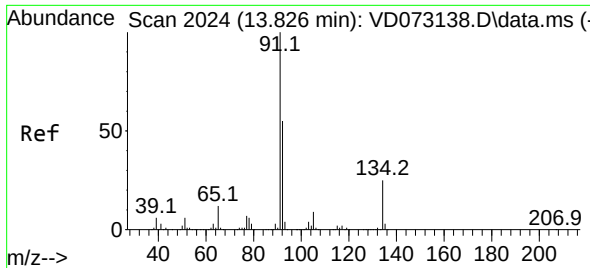
Tgt Ion:146 Resp: 179864
Ion Ratio Lower Upper
146 100
111 40.4 20.4 61.3
148 62.0 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 19.155 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion:146 Resp: 172017
Ion Ratio Lower Upper
146 100
111 43.4 20.3 60.9
148 66.0 31.7 95.1

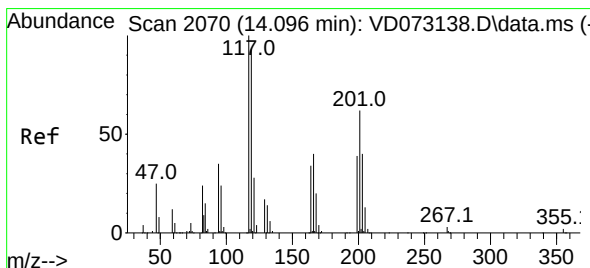
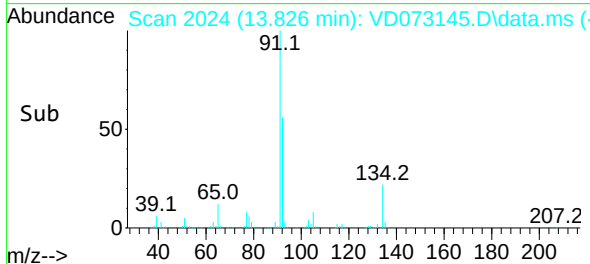
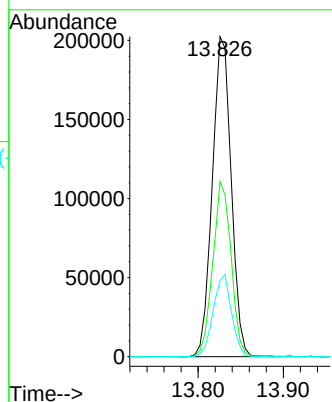
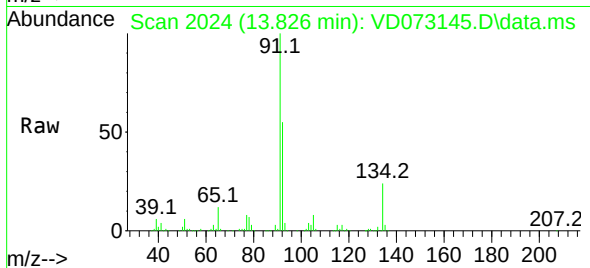




#89
n-Butylbenzene
Concen: 19.623 ug/l
RT: 13.826 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

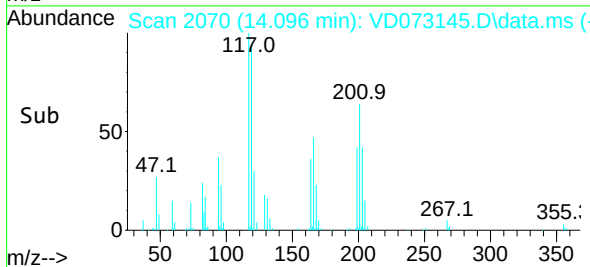
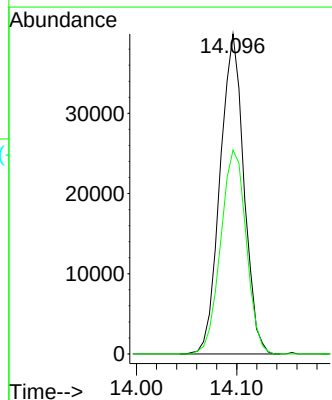
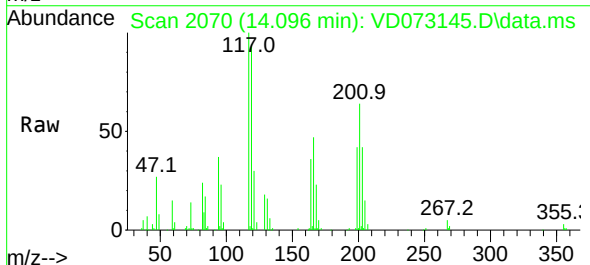
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

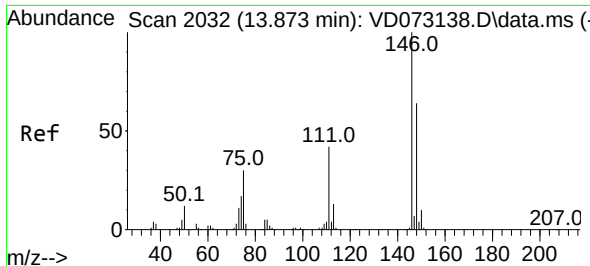
Tgt Ion: 91 Resp: 311515
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.8
134 24.9 12.3 36.9



#90
Hexachloroethane
Concen: 19.083 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 117 Resp: 65787
Ion Ratio Lower Upper
117 100
201 68.2 33.4 100.2

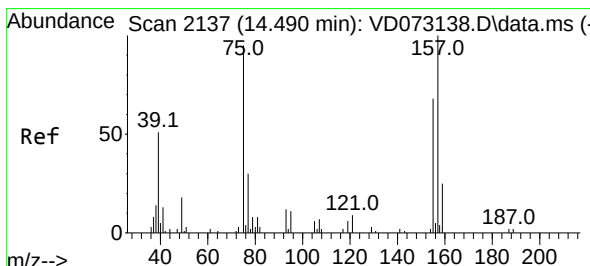
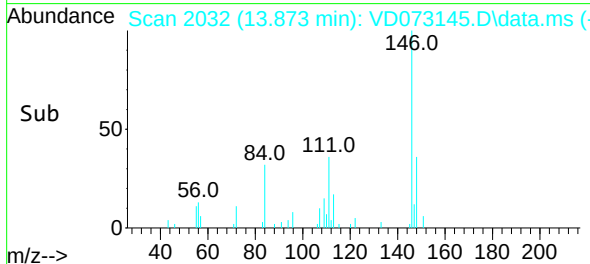
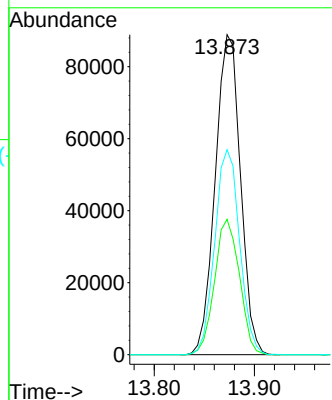
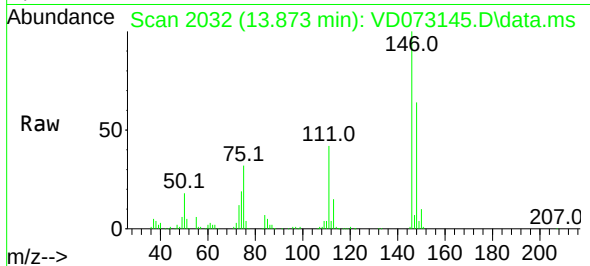




#91
1,2-Dichlorobenzene
Concen: 20.210 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

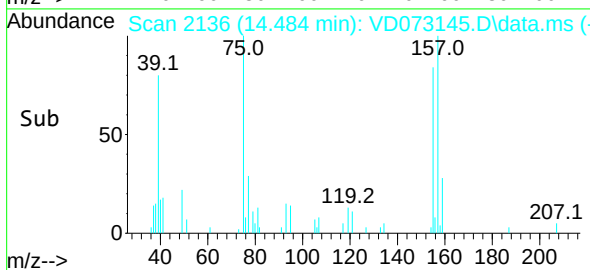
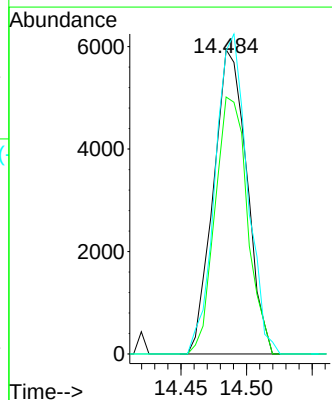
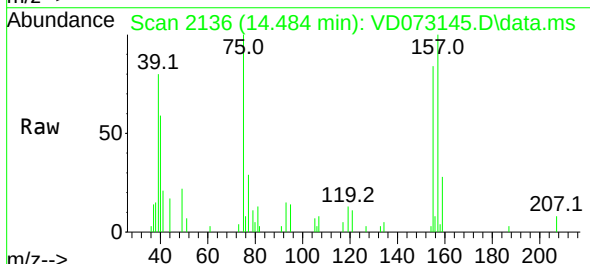
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

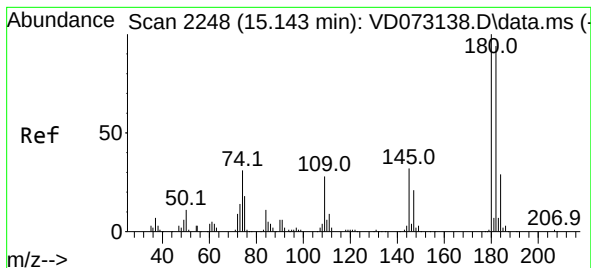
Tgt Ion:146 Resp: 155562
Ion Ratio Lower Upper
146 100
111 41.7 21.1 63.3
148 63.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.862 ug/l
RT: 14.484 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD073145.D
Acq: 19 May 2022 18:22

Tgt Ion: 75 Resp: 10518
Ion Ratio Lower Upper
75 100
155 81.8 36.8 110.3
157 101.4 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 19.201 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD073145.D

Acq: 19 May 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS01

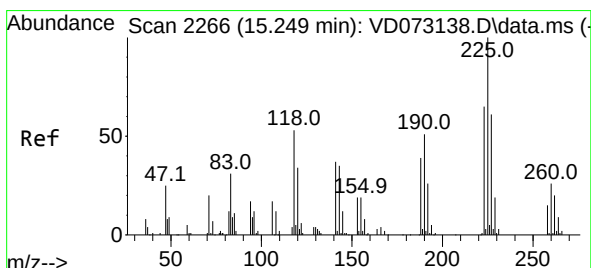
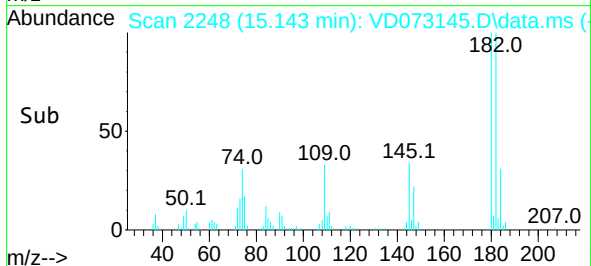
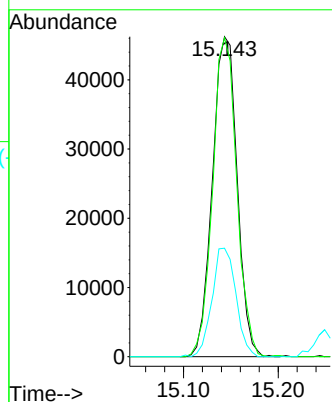
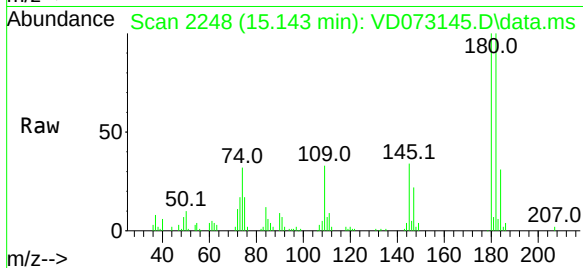
Tgt Ion:180 Resp: 83909

Ion Ratio Lower Upper

180 100

182 96.9 47.3 142.0

145 32.8 16.2 48.5



#94

Hexachlorobutadiene

Concen: 19.435 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073145.D

Acq: 19 May 2022 18:22

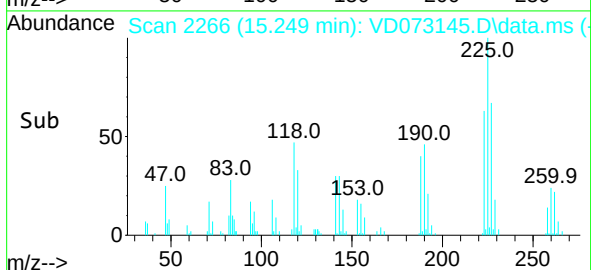
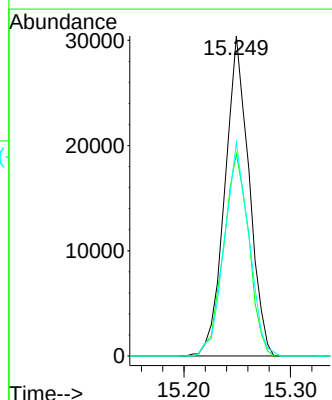
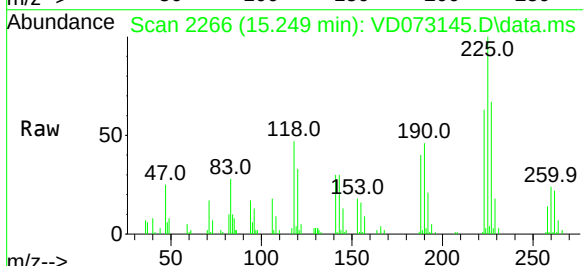
Tgt Ion:225 Resp: 47858

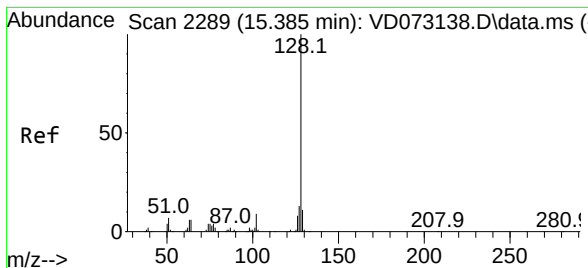
Ion Ratio Lower Upper

225 100

223 66.4 31.1 93.2

227 67.5 32.4 97.0





#95

Naphthalene

Concen: 19.120 ug/l

RT: 15.379 min Scan# 2288

Delta R.T. -0.006 min

Lab File: VD073145.D

Acq: 19 May 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS01

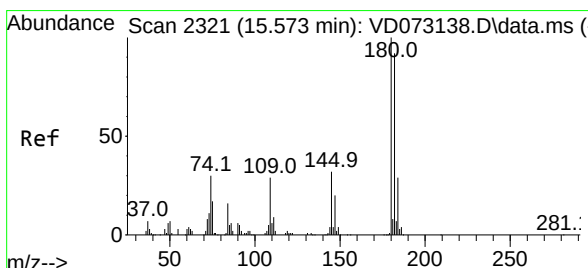
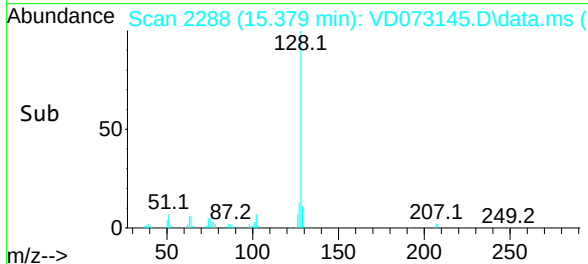
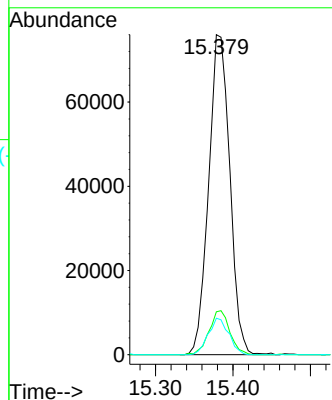
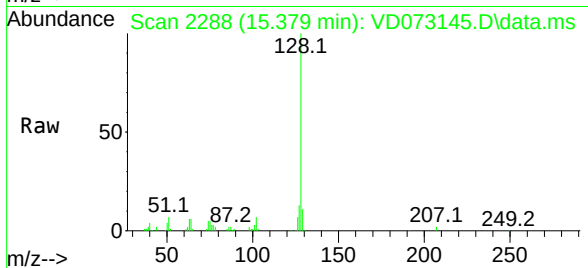
Tgt Ion:128 Resp: 144294

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.409 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073145.D

Acq: 19 May 2022 18:22

Tgt Ion:180 Resp: 75193

Ion Ratio Lower Upper

180 100

182 95.6 47.6 142.9

145 33.7 17.1 51.3

