

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053122\
 Data File : VD073425.D
 Acq On : 31 May 2022 15:12
 Operator : VA/SY
 Sample : VD0531SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 31 17:42:57 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	357474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	596273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	567087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	283391	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.320	65	185703	47.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.020%
35) Dibromofluoromethane	7.909	113	195218	49.616	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.240%
50) Toluene-d8	10.332	98	720144	49.652	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.620	95	267565	52.567	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.140%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.985	85	69304	19.402	ug/l	99
3) Chloromethane	2.209	50	66255	16.404	ug/l	99
4) Vinyl Chloride	2.344	62	63645	17.232	ug/l	93
5) Bromomethane	2.738	94	45494	16.511	ug/l	94
6) Chloroethane	2.903	64	41191	18.142	ug/l	89
7) Trichlorofluoromethane	3.256	101	127488	19.521	ug/l	92
8) Diethyl Ether	3.709	74	37194	20.726	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.079	101	78164	20.059	ug/l	95
10) Methyl Iodide	4.285	142	68353	16.259	ug/l	98
11) Tert butyl alcohol	5.197	59	58697	95.764	ug/l #	84
12) 1,1-Dichloroethene	4.056	96	70609	19.655	ug/l	92
13) Acrolein	3.921	56	24368	89.259	ug/l	96
14) Allyl chloride	4.703	41	112284	19.363	ug/l #	90
15) Acrylonitrile	5.415	53	90770	110.614	ug/l	96
16) Acetone	4.150	43	69760	101.946	ug/l	93
17) Carbon Disulfide	4.397	76	193986	16.289	ug/l	98
18) Methyl Acetate	4.715	43	45941	24.144	ug/l #	90
19) Methyl tert-butyl Ether	5.479	73	177073	21.636	ug/l	99
20) Methylene Chloride	4.950	84	116817	24.911	ug/l	89
21) trans-1,2-Dichloroethene	5.456	96	86125	19.828	ug/l	92
22) Diisopropyl ether	6.356	45	258304	21.249	ug/l #	91
23) Vinyl Acetate	6.297	43	663092	102.264	ug/l	97
24) 1,1-Dichloroethane	6.256	63	154017	19.739	ug/l	100
25) 2-Butanone	7.203	43	109495	109.371	ug/l	96
26) 2,2-Dichloropropane	7.197	77	134583	20.225	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	94988	19.763	ug/l	92
28) Bromochloromethane	7.538	49	49101	18.266	ug/l #	81
29) Tetrahydrofuran	7.561	42	68679	106.093	ug/l #	87
30) Chloroform	7.703	83	163024	20.012	ug/l	97
31) Cyclohexane	7.979	56	133654	19.360	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	138943	19.501	ug/l	96
36) 1,1-Dichloropropene	8.103	75	117117	19.791	ug/l	95
37) Ethyl Acetate	7.291	43	52136	22.305	ug/l #	94
38) Carbon Tetrachloride	8.091	117	123214	20.541	ug/l	98
39) Methylcyclohexane	9.350	83	133554	20.251	ug/l	99
40) Benzene	8.344	78	344893	20.223	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	26499	19.458	ug/l #	87
42) 1,2-Dichloroethane	8.414	62	98291	20.713	ug/l	96
43) Isopropyl Acetate	8.444	43	94105	21.782	ug/l #	90
44) Trichloroethene	9.103	130	95746	21.053	ug/l	93
45) 1,2-Dichloropropane	9.379	63	88833	20.683	ug/l	99
46) Dibromomethane	9.467	93	49169	20.844	ug/l	96
47) Bromodichloromethane	9.650	83	124442	20.618	ug/l	99
48) Methyl methacrylate	9.450	41	42789	19.685	ug/l #	80
49) 1,4-Dioxane	9.456	88	10211	419.167	ug/l #	87
51) 4-Methyl-2-Pentanone	10.220	43	258720	115.298	ug/l	94
52) Toluene	10.397	92	226406	21.008	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	117190	21.492	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	137286	21.039	ug/l	88
55) 1,1,2-Trichloroethane	10.791	97	70573	22.124	ug/l	98
56) Ethyl methacrylate	10.650	69	79720	22.478	ug/l	86
57) 1,3-Dichloropropane	10.932	76	115658	21.609	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	179245	118.798	ug/l	93
59) 2-Hexanone	10.973	43	172390	116.528	ug/l	95
60) Dibromochloromethane	11.132	129	86881	21.843	ug/l	100
61) 1,2-Dibromoethane	11.238	107	66364	21.772	ug/l	99
64) Tetrachloroethene	10.867	164	76705	20.651	ug/l	91
65) Chlorobenzene	11.661	112	246386	21.179	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	95072	22.035	ug/l	97
67) Ethyl Benzene	11.732	91	419702	20.551	ug/l	99
68) m/p-Xylenes	11.844	106	343105	43.243	ug/l	97
69) o-Xylene	12.167	106	155539	21.339	ug/l	95
70) Styrene	12.185	104	272885	21.760	ug/l	97
71) Bromoform	12.349	173	51511	23.197	ug/l #	98
73) Isopropylbenzene	12.467	105	411930	20.390	ug/l	99
74) N-amyl acetate	12.279	43	93523	21.220	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	81745	21.939	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	98040	35.259	ug/l #	100
77) Bromobenzene	12.749	156	99182	20.855	ug/l	94
78) n-propylbenzene	12.808	91	519708	20.491	ug/l	98
79) 2-Chlorotoluene	12.891	91	303383	20.717	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	368019	21.504	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	25357	21.893	ug/l	93
82) 4-Chlorotoluene	12.991	91	320027	20.849	ug/l	98
83) tert-Butylbenzene	13.208	119	295309	20.474	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	364184	21.541	ug/l	99
85) sec-Butylbenzene	13.385	105	461972	20.977	ug/l	98
86) p-Isopropyltoluene	13.496	119	382994	21.334	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	207558	21.652	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	203651	21.046	ug/l	98
89) n-Butylbenzene	13.826	91	357861	20.921	ug/l	99
90) Hexachloroethane	14.096	117	78363	21.096	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	180593	21.774	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	12114	21.230	ug/l	87
93) 1,2,4-Trichlorobenzene	15.143	180	105517	22.409	ug/l	99
94) Hexachlorobutadiene	15.249	225	58210	21.938	ug/l	99
95) Naphthalene	15.379	128	188319	22.410	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	91514	21.923	ug/l	99

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ClientSampleId :

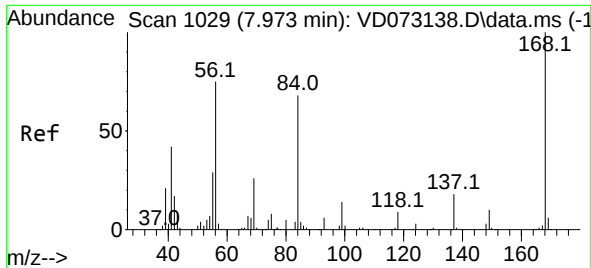
Quant Time: May 31 17:42:57 2022
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Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

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

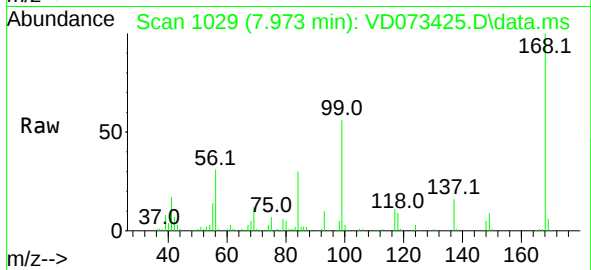
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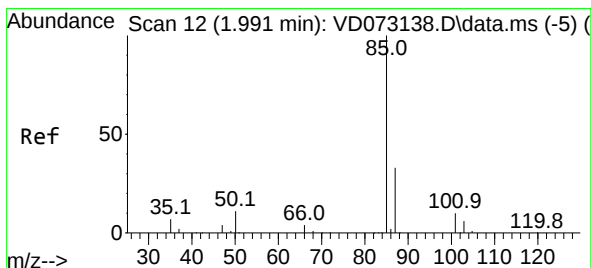
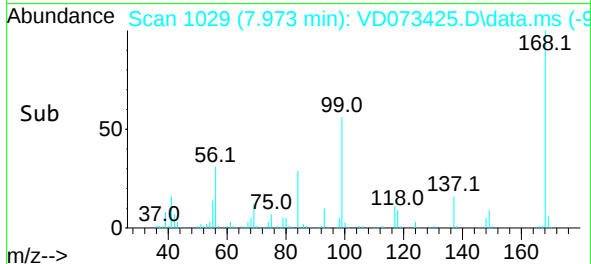
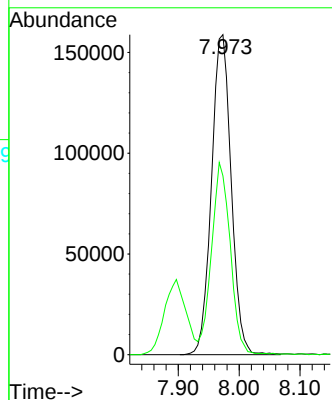


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

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MSVOA_D
ClientSampleId :

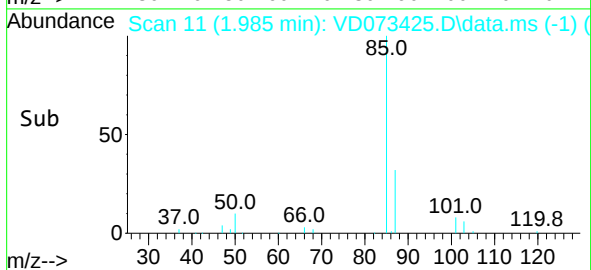
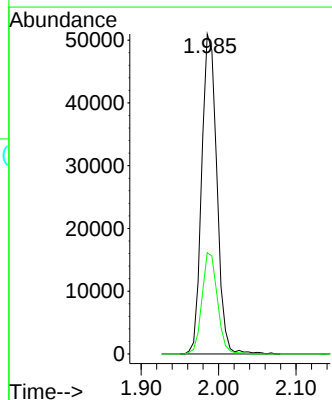
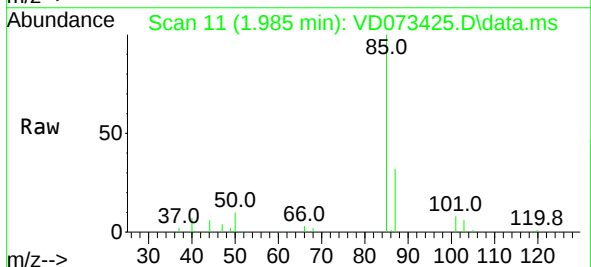


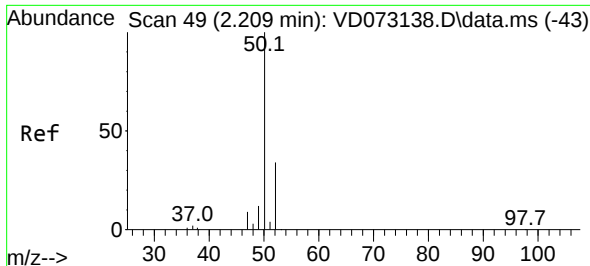
Tgt Ion:168 Resp: 357474
Ion Ratio Lower Upper
168 100
99 55.7 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 19.402 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion: 85 Resp: 69304
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0

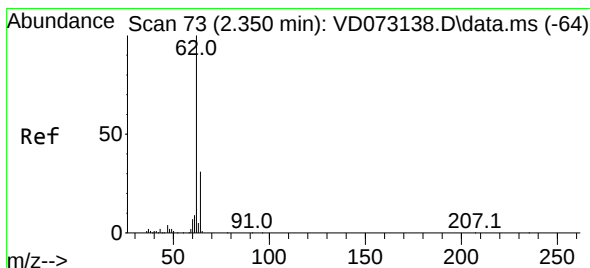
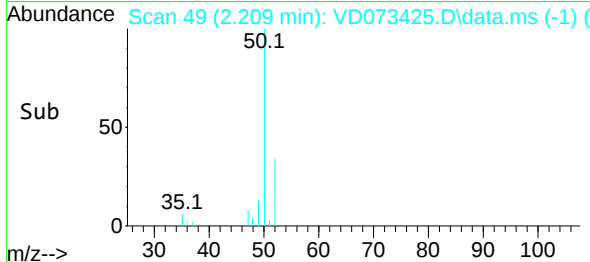
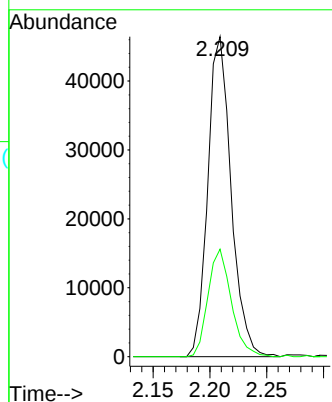
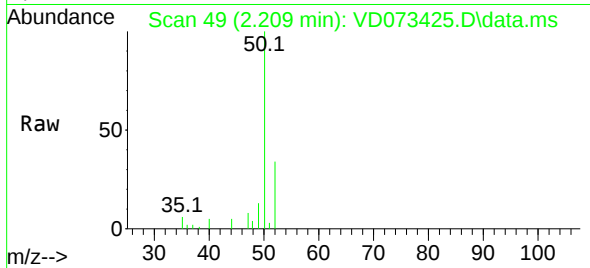




#3
Chloromethane
Concen: 16.404 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

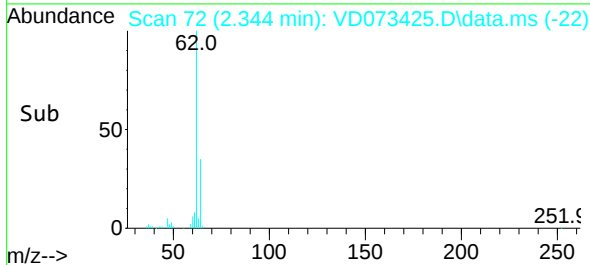
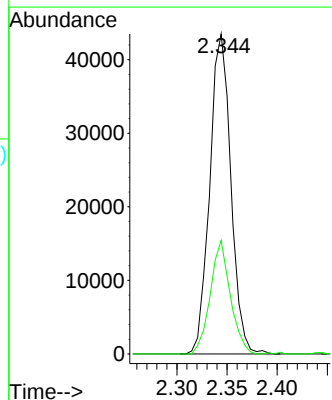
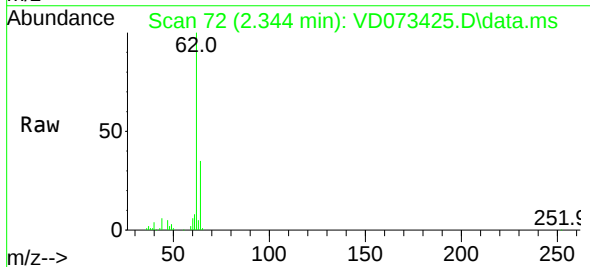
Instrument :
MSVOA_D
ClientSampleId :

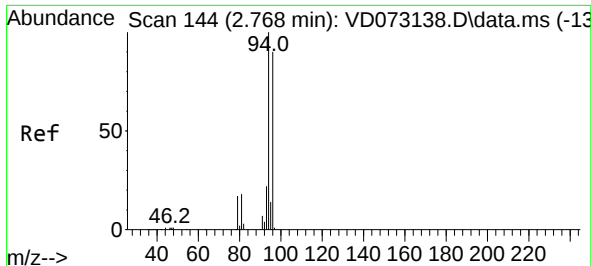
Tgt Ion: 50 Resp: 66255
Ion Ratio Lower Upper
50 100
52 33.6 27.4 41.0



#4
Vinyl Chloride
Concen: 17.232 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

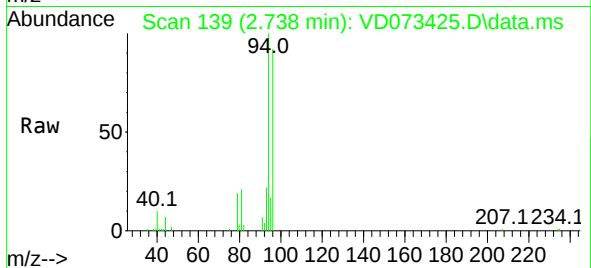
Tgt Ion: 62 Resp: 63645
Ion Ratio Lower Upper
62 100
64 35.5 25.4 38.0



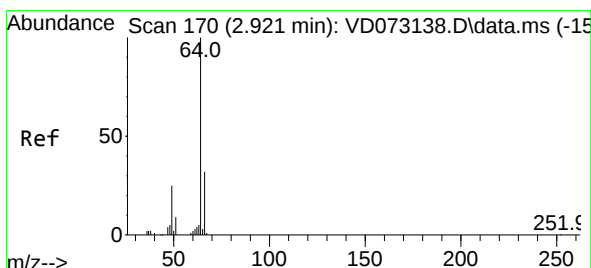
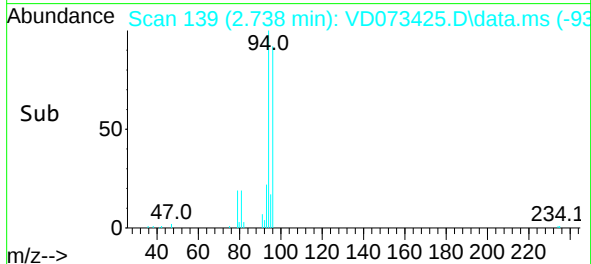
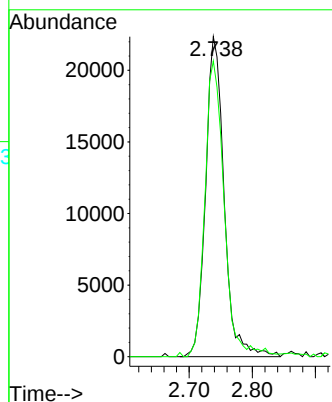


#5
Bromomethane
Concen: 16.511 ug/l
RT: 2.738 min Scan# 11
Delta R.T. -0.030 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Instrument :
MSVOA_D
ClientSampleId :

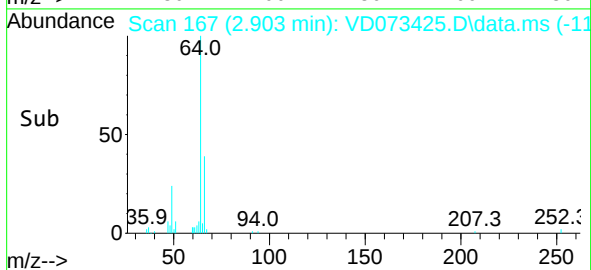
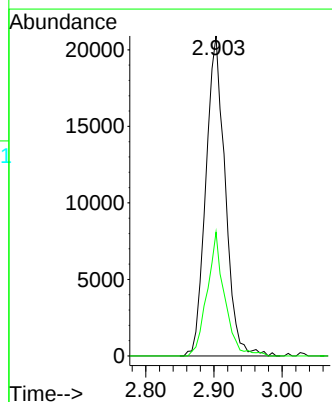
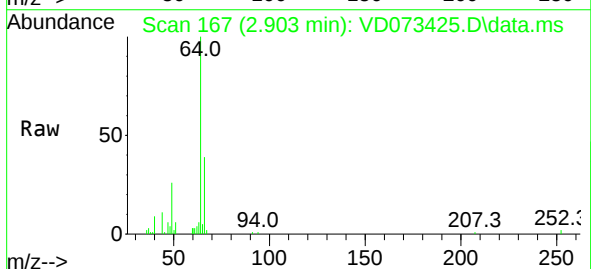


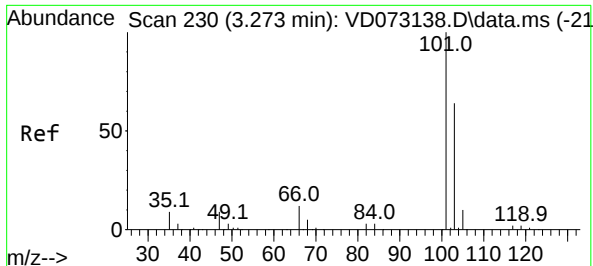
Tgt Ion: 94 Resp: 45494
Ion Ratio Lower Upper
94 100
96 91.6 77.6 116.4



#6
Chloroethane
Concen: 18.142 ug/l
RT: 2.903 min Scan# 167
Delta R.T. -0.018 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

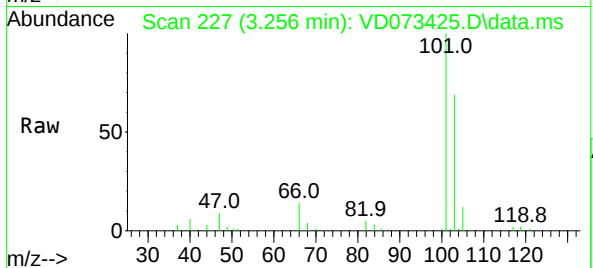
Tgt Ion: 64 Resp: 41191
Ion Ratio Lower Upper
64 100
66 38.7 25.9 38.9



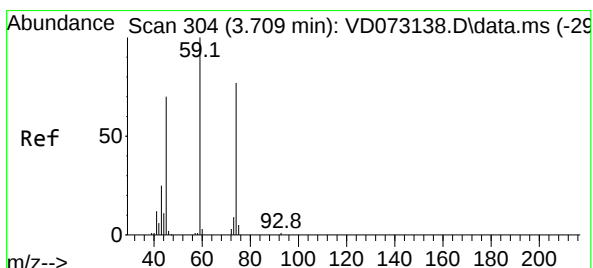
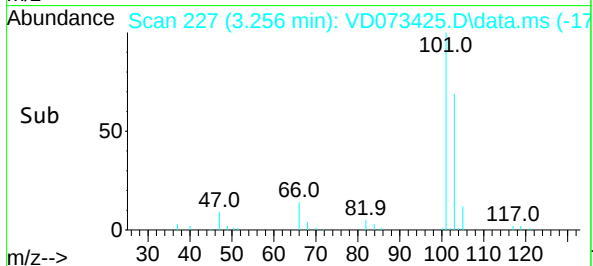
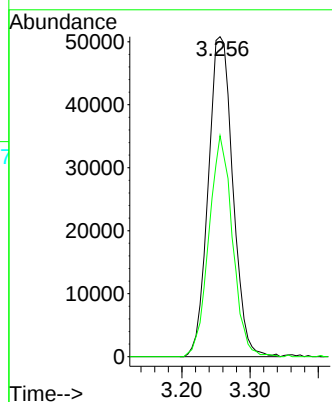


#7
 Trichlorofluoromethane
 Concen: 19.521 ug/l
 RT: 3.256 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: VD073425.D
 Acq: 31 May 2022 15:12

Instrument :
 MSVOA_D
 ClientSampleId :

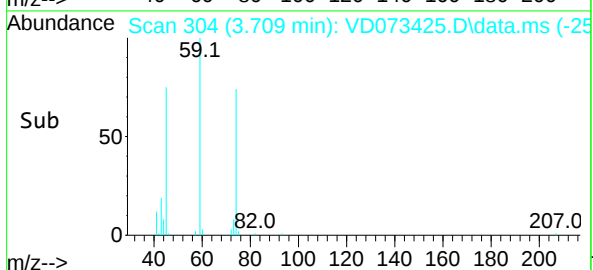
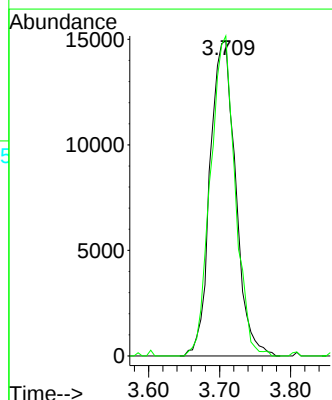
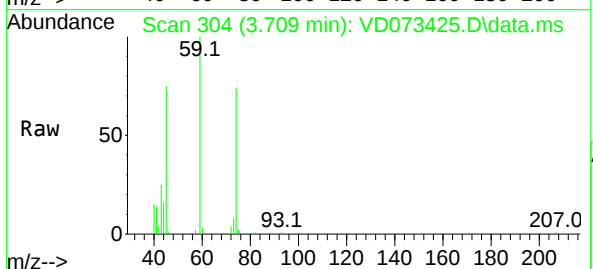


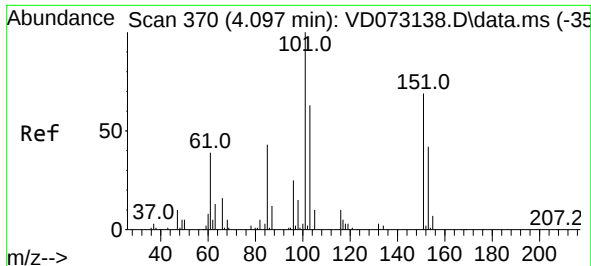
Tgt Ion:101 Resp: 127488
 Ion Ratio Lower Upper
 101 100
 103 69.0 50.1 75.1



#8
 Diethyl Ether
 Concen: 20.726 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073425.D
 Acq: 31 May 2022 15:12

Tgt Ion: 74 Resp: 37194
 Ion Ratio Lower Upper
 74 100
 45 98.1 52.6 157.8

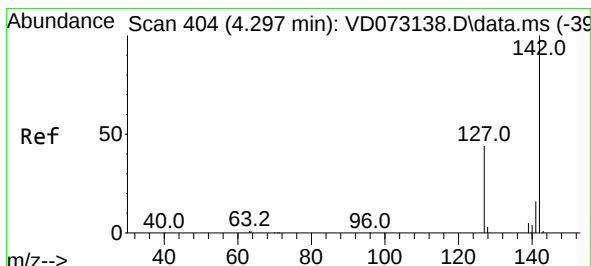
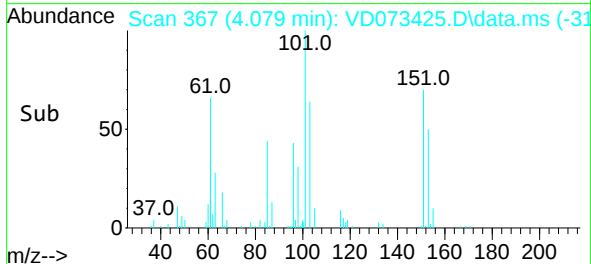
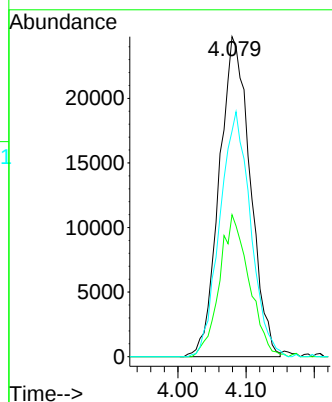
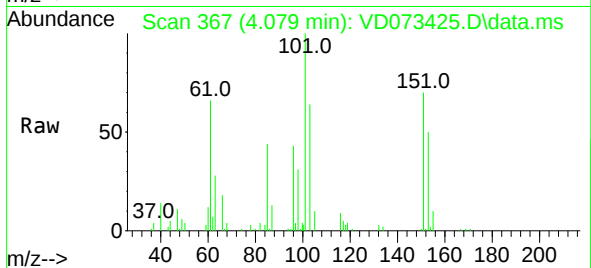




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.059 ug/l
 RT: 4.079 min Scan# 30
 Delta R.T. -0.018 min
 Lab File: VD073425.D
 Acq: 31 May 2022 15:12

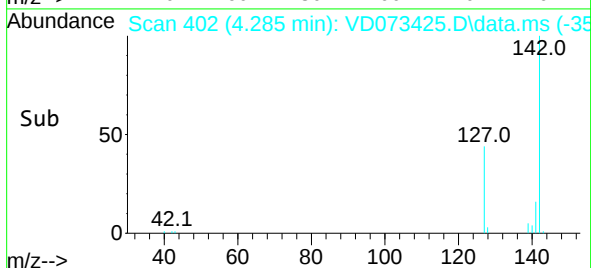
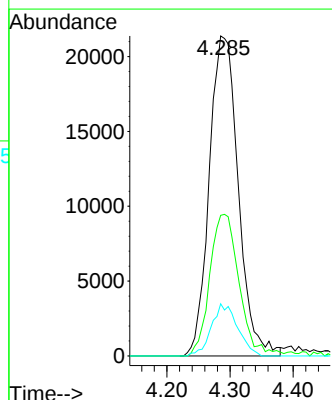
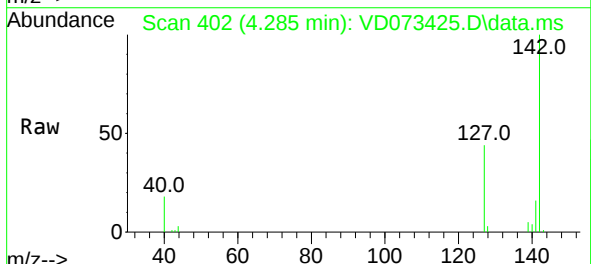
Instrument :
 MSVOA_D
 ClientSampleId :

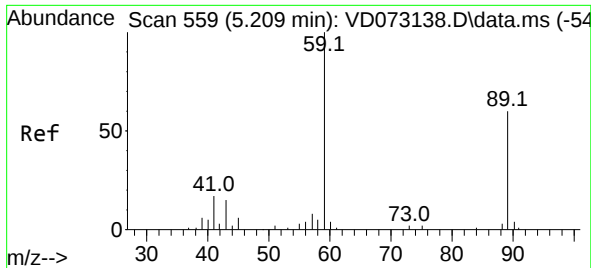
Tgt Ion:101	Resp:	78164
Ion Ratio	Lower	Upper
101	100	
85	42.6	36.4 54.6
151	76.3	57.3 85.9



#10
 Methyl Iodide
 Concen: 16.259 ug/l
 RT: 4.285 min Scan# 402
 Delta R.T. -0.012 min
 Lab File: VD073425.D
 Acq: 31 May 2022 15:12

Tgt Ion:142	Resp:	68353
Ion Ratio	Lower	Upper
142	100	
127	44.6	37.3 55.9
141	14.7	11.7 17.5





#11

Tert butyl alcohol

Concen: 95.764 ug/l

RT: 5.197 min Scan# 51

Delta R.T. -0.012 min

Lab File: VD073425.D

Acq: 31 May 2022 15:12

Instrument :

MSVOA_D

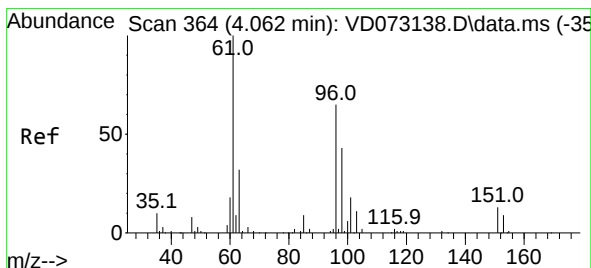
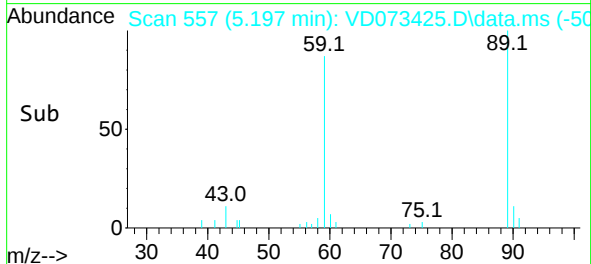
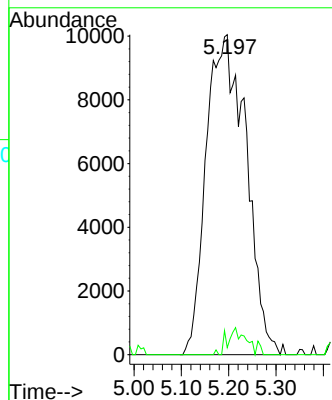
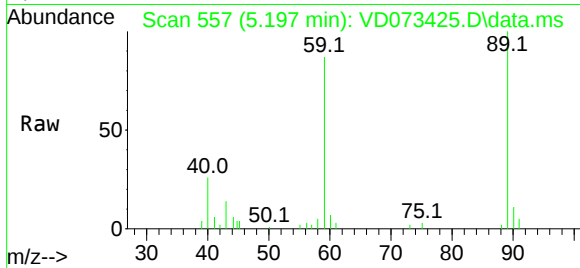
ClientSampleId :

Tgt Ion: 59 Resp: 58697

Ion Ratio Lower Upper

59 100

57 3.7 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 19.655 ug/l

RT: 4.056 min Scan# 363

Delta R.T. -0.006 min

Lab File: VD073425.D

Acq: 31 May 2022 15:12

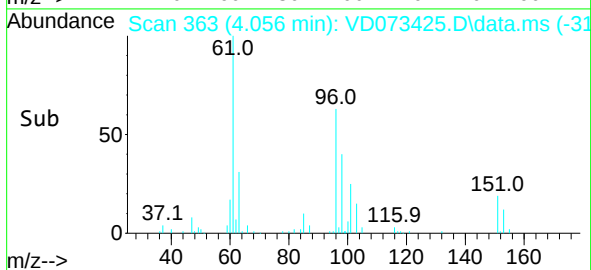
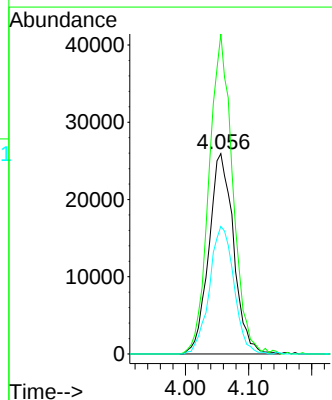
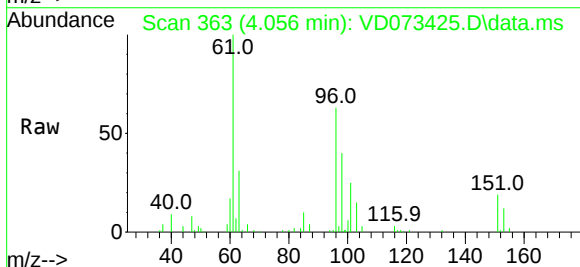
Tgt Ion: 96 Resp: 70609

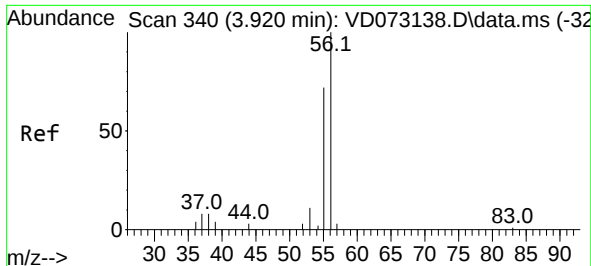
Ion Ratio Lower Upper

96 100

61 159.8 138.5 207.7

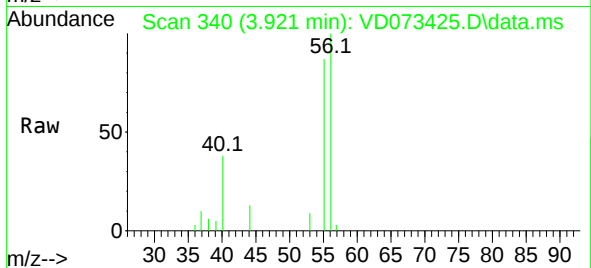
98 63.7 48.6 73.0



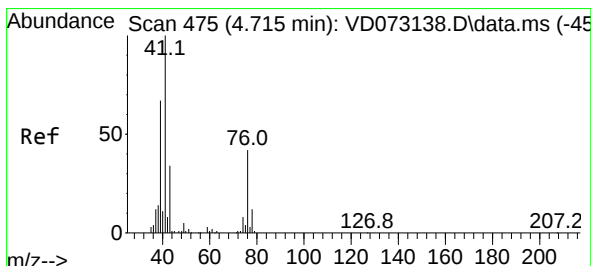
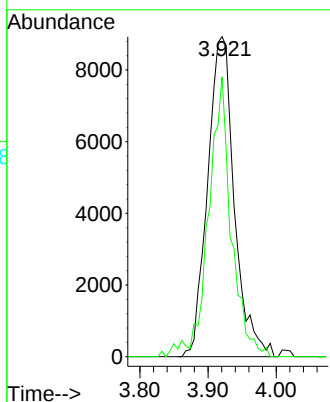
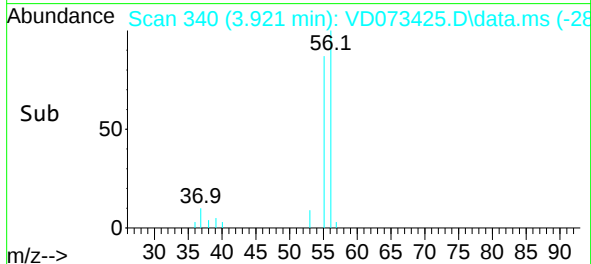


#13
Acrolein
Concen: 89.259 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.001 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

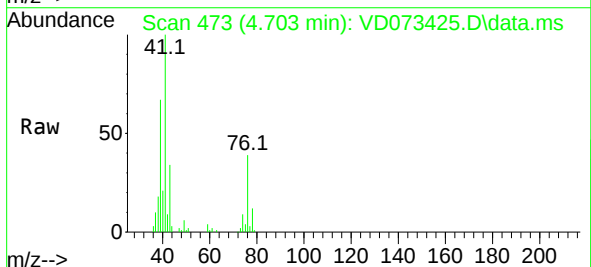
Instrument :
MSVOA_D
ClientSampleId :



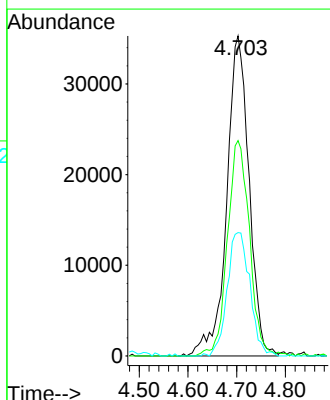
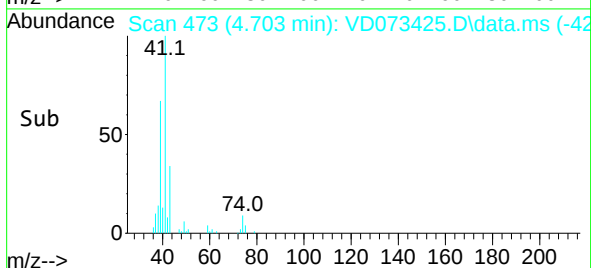
Tgt Ion: 56 Resp: 24368
Ion Ratio Lower Upper
56 100
55 74.4 57.1 85.7

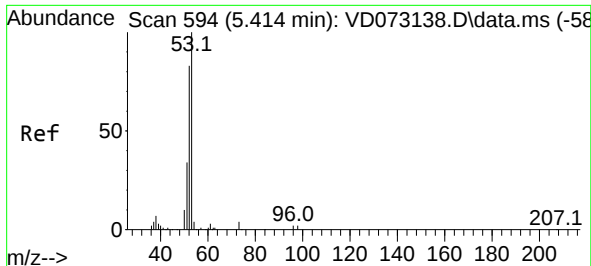


#14
Allyl chloride
Concen: 19.363 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.012 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12



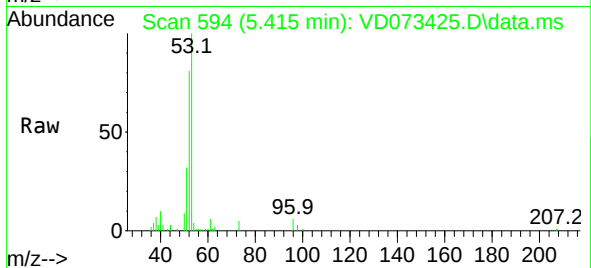
Tgt Ion: 41 Resp: 112284
Ion Ratio Lower Upper
41 100
39 66.6 59.3 88.9
76 39.1 25.7 38.5#



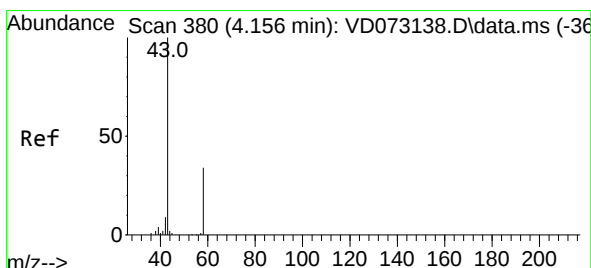
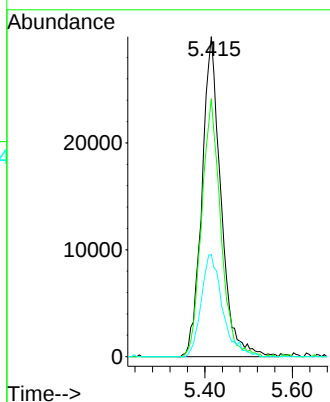
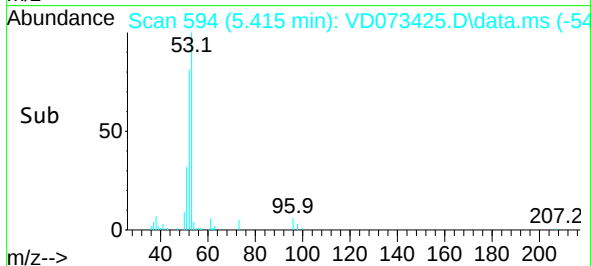


#15
Acrylonitrile
Concen: 110.614 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.001 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Instrument :
MSVOA_D
ClientSampleId :

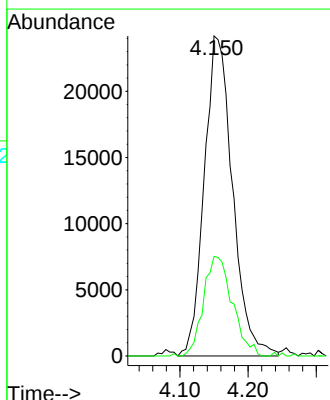
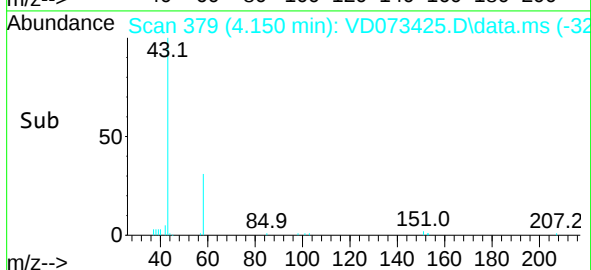
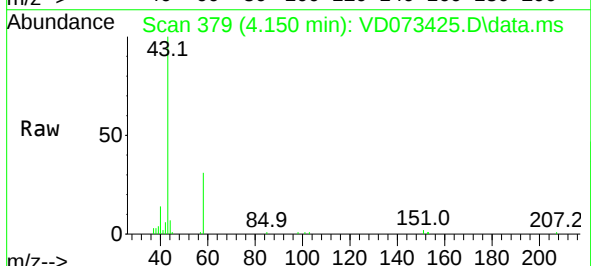


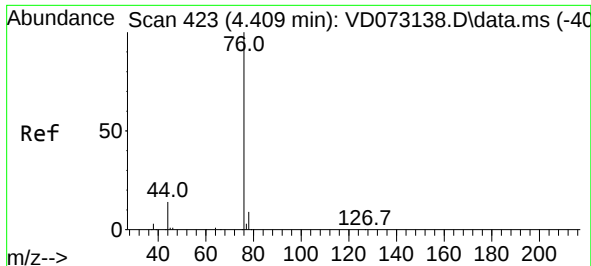
Tgt Ion: 53 Resp: 90770
Ion Ratio Lower Upper
53 100
52 80.6 67.2 100.8
51 35.8 30.3 45.5



#16
Acetone
Concen: 101.946 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

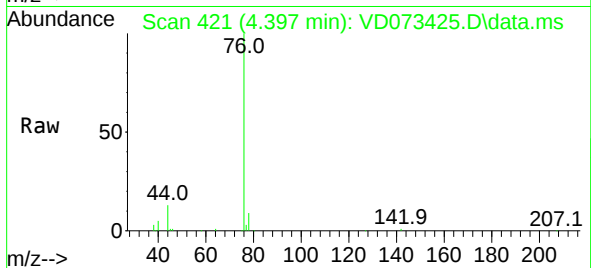
Tgt Ion: 43 Resp: 69760
Ion Ratio Lower Upper
43 100
58 31.1 22.1 33.1



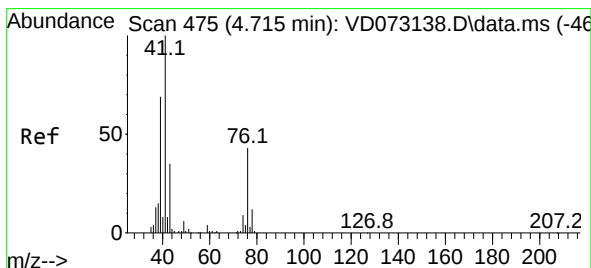
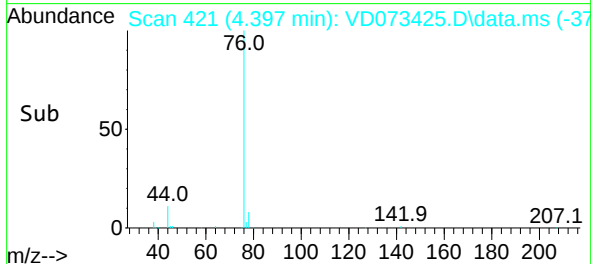
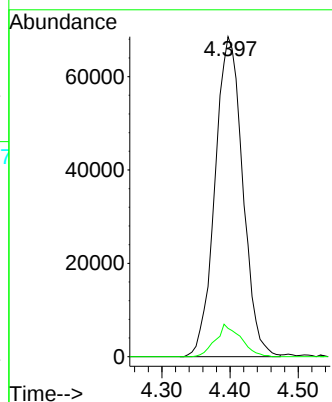


#17
Carbon Disulfide
Concen: 16.289 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Instrument :
MSVOA_D
ClientSampleId :

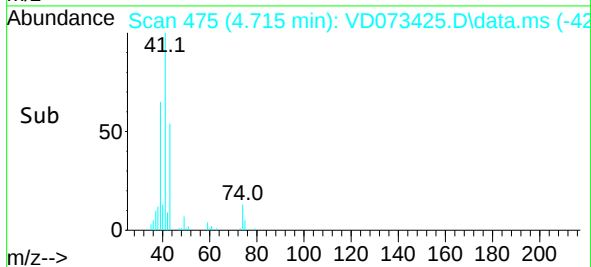
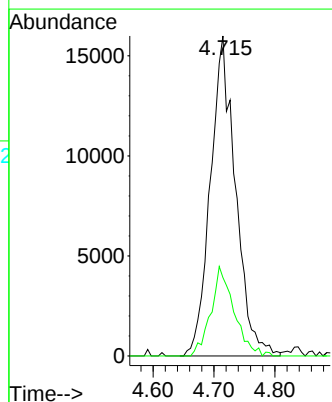
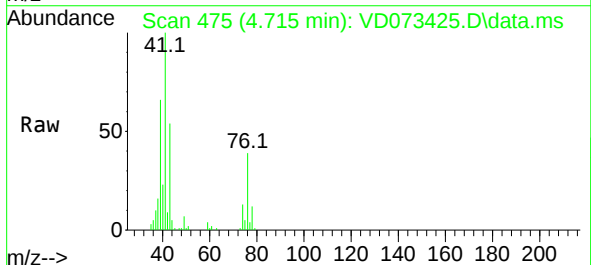


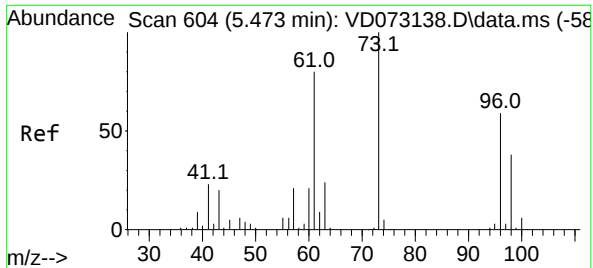
Tgt Ion: 76 Resp: 193986
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 24.144 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion: 43 Resp: 45941
Ion Ratio Lower Upper
43 100
74 25.8 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 21.636 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD073425.D

Acq: 31 May 2022 15:12

Instrument :

MSVOA_D

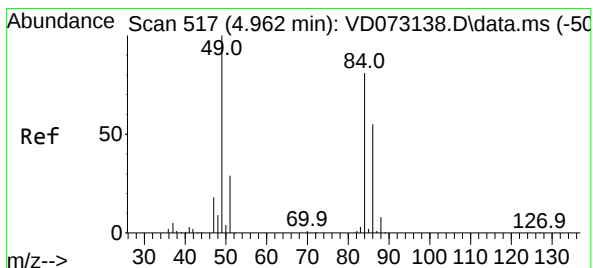
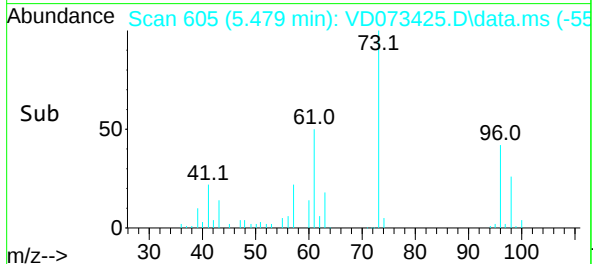
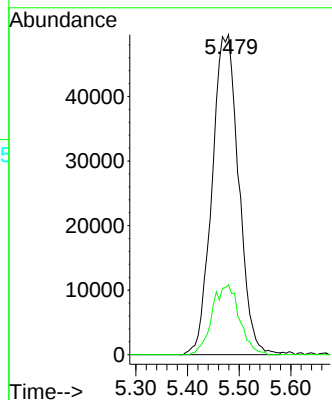
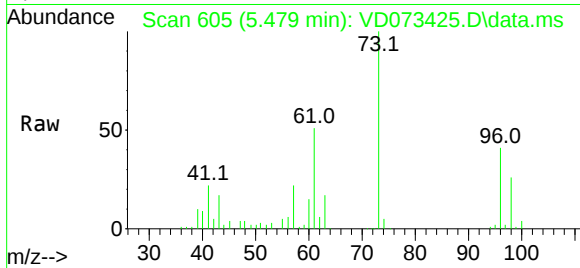
ClientSampleId :

Tgt Ion: 73 Resp: 177073

Ion Ratio Lower Upper

73 100

57 21.9 18.0 27.0



#20

Methylene Chloride

Concen: 24.911 ug/l

RT: 4.950 min Scan# 515

Delta R.T. -0.012 min

Lab File: VD073425.D

Acq: 31 May 2022 15:12

Tgt Ion: 84 Resp: 116817

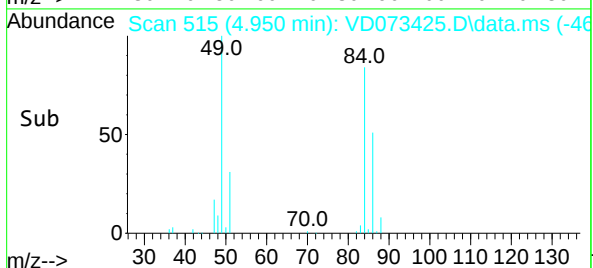
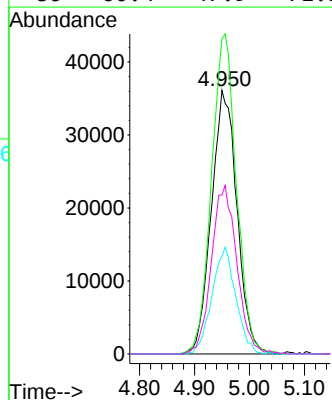
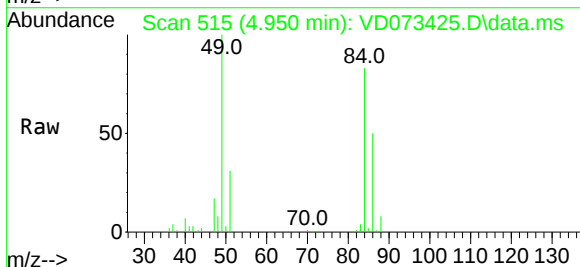
Ion Ratio Lower Upper

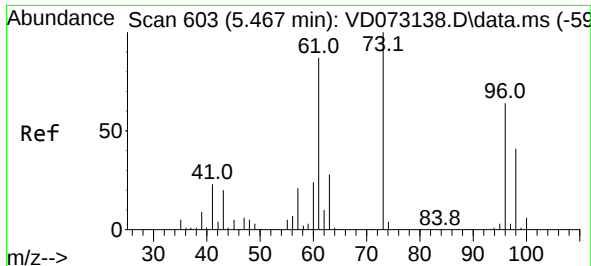
84 100

49 119.8 112.8 169.2

51 37.0 32.6 48.8

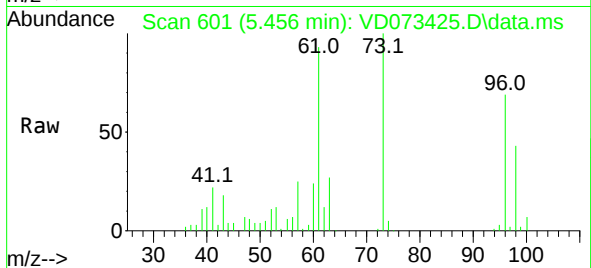
86 60.4 47.9 71.9



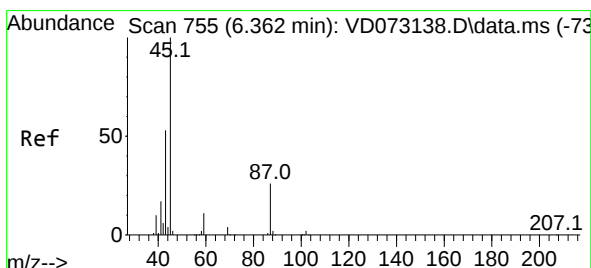
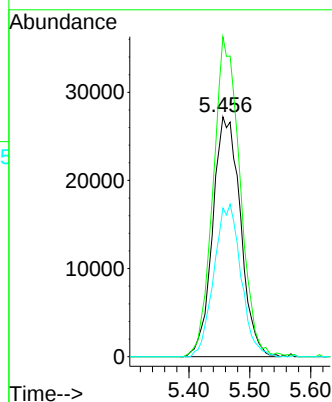
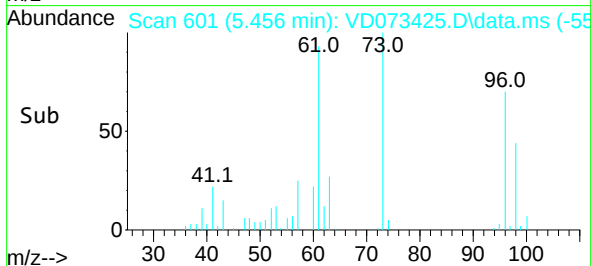


#21
trans-1,2-Dichloroethene
Concen: 19.828 ug/l
RT: 5.456 min Scan# 603
Delta R.T. -0.011 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

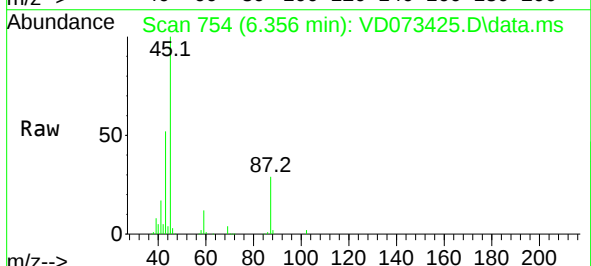
Instrument :
MSVOA_D
ClientSampleId :



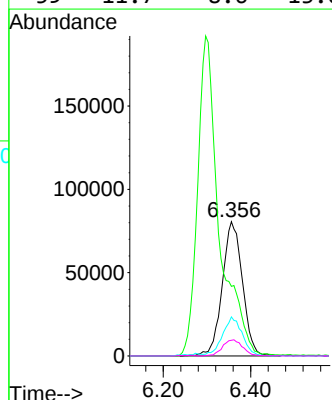
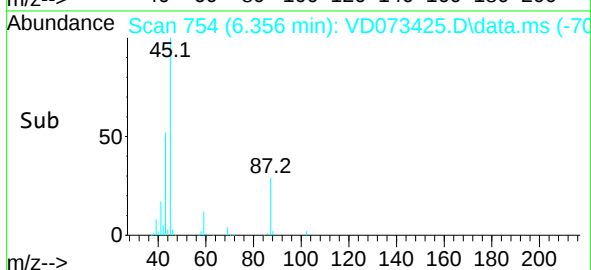
Tgt Ion: 96 Resp: 86125
Ion Ratio Lower Upper
96 100
61 133.5 117.9 176.9
98 62.0 49.4 74.2

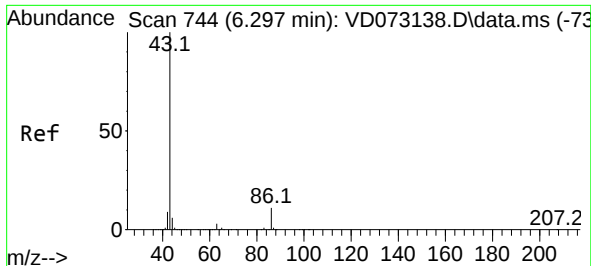


#22
Diisopropyl ether
Concen: 21.249 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12



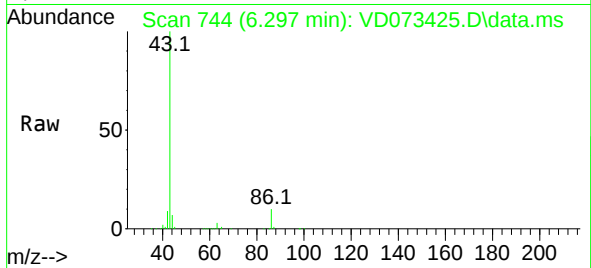
Tgt Ion: 45 Resp: 258304
Ion Ratio Lower Upper
45 100
43 51.2 46.6 70.0
87 29.0 18.4 27.6#
59 11.7 8.6 13.0



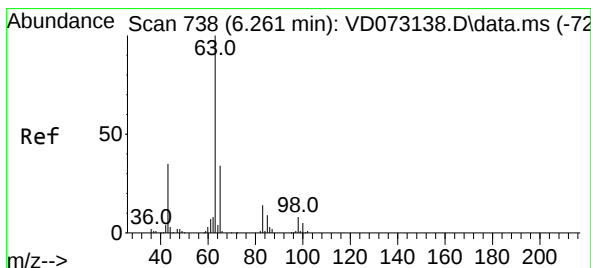
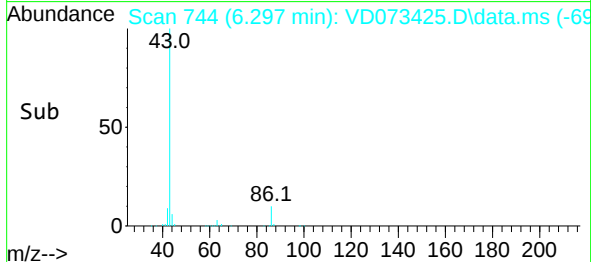
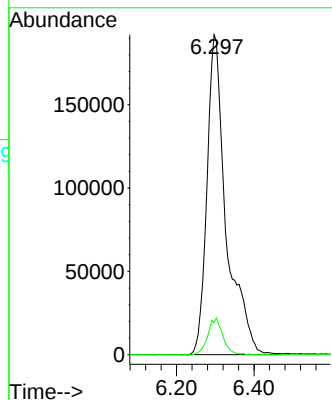


#23
 Vinyl Acetate
 Concen: 102.264 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073425.D
 Acq: 31 May 2022 15:12

Instrument :
 MSVOA_D
 ClientSampleId :

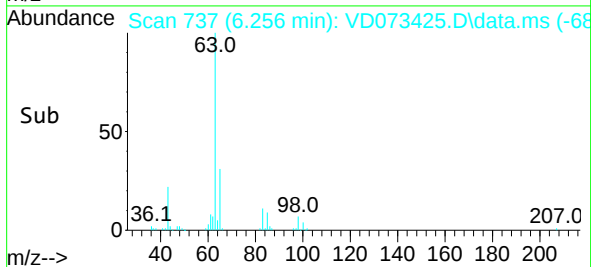
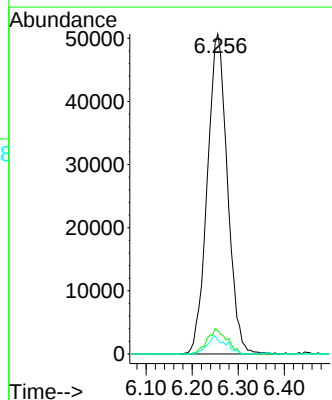
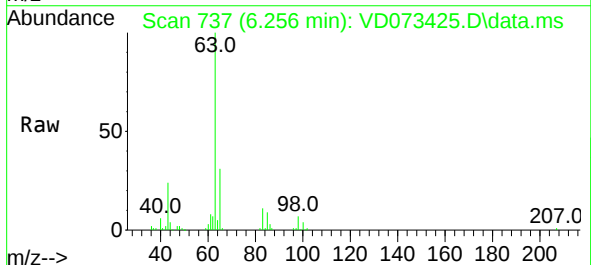


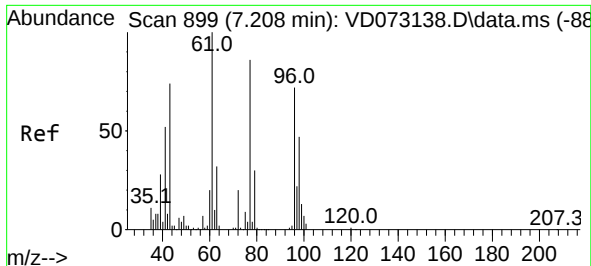
Tgt Ion: 43 Resp: 663092
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 19.739 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073425.D
 Acq: 31 May 2022 15:12

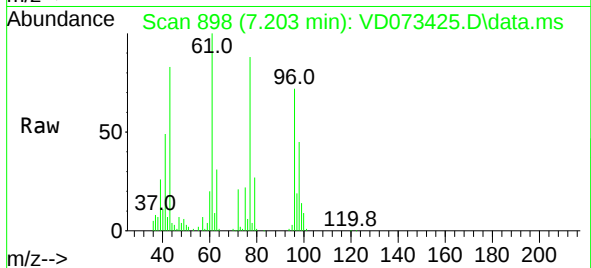
Tgt Ion: 63 Resp: 154017
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.4 2.1 6.5



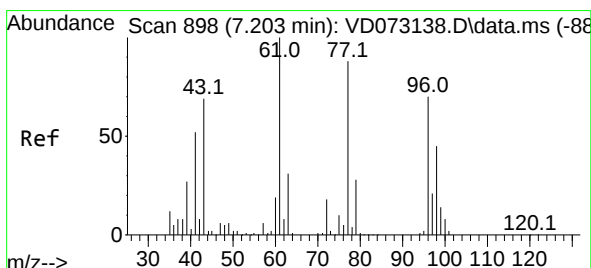
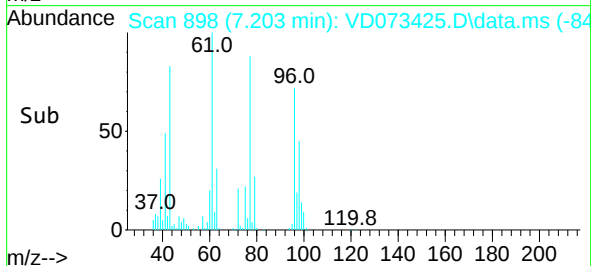
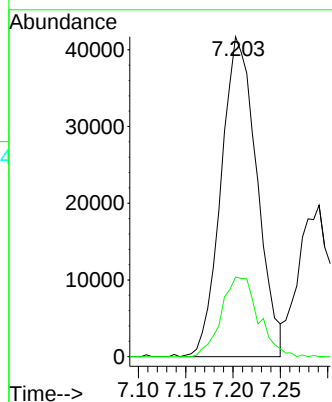


#25
2-Butanone
Concen: 109.371 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Instrument :
MSVOA_D
ClientSampleId :

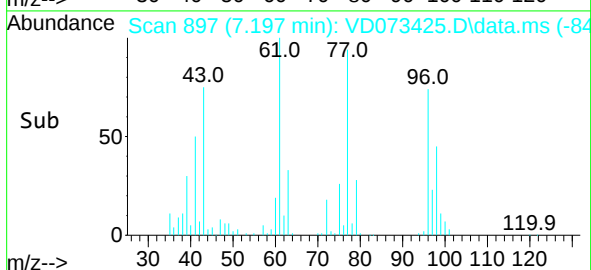
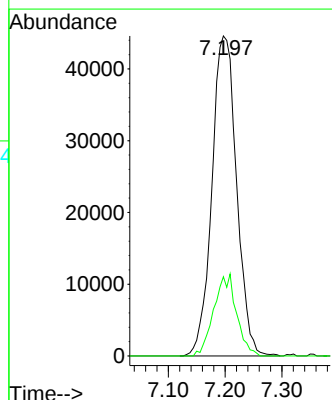
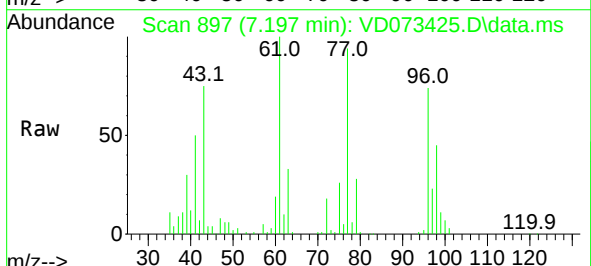


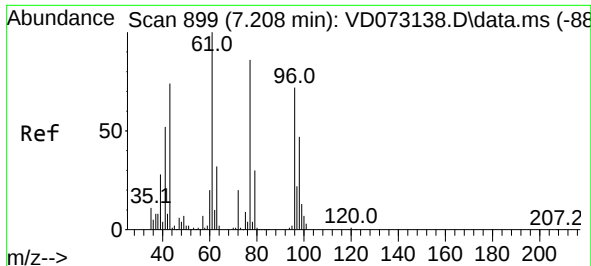
Tgt Ion: 43 Resp: 109495
Ion Ratio Lower Upper
43 100
72 24.9 18.6 27.8



#26
2,2-Dichloropropane
Concen: 20.225 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

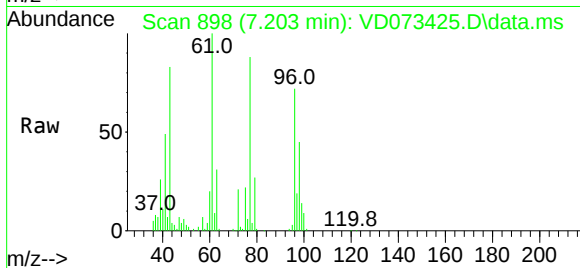
Tgt Ion: 77 Resp: 134583
Ion Ratio Lower Upper
77 100
97 23.4 10.8 32.4



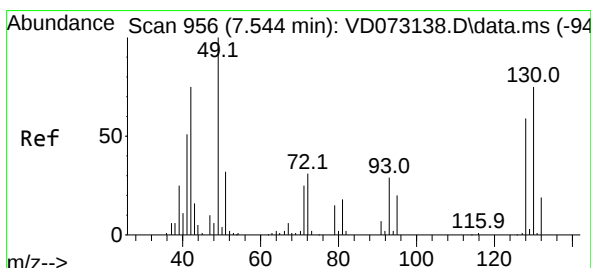
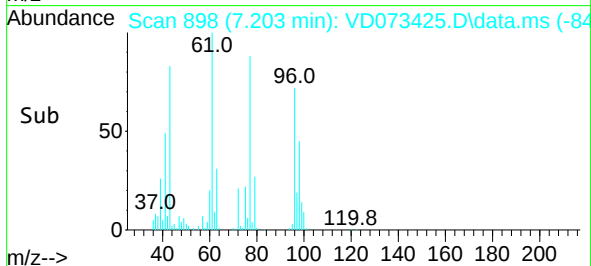
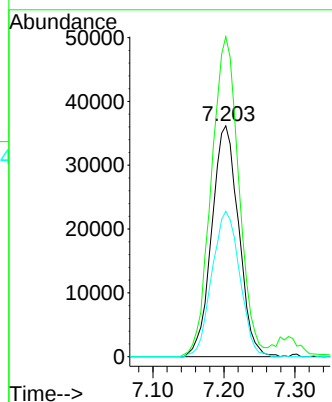


#27
 cis-1,2-Dichloroethene
 Concen: 19.763 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.005 min
 Lab File: VD073425.D
 Acq: 31 May 2022 15:12

Instrument :
 MSVOA_D
 ClientSampleId :

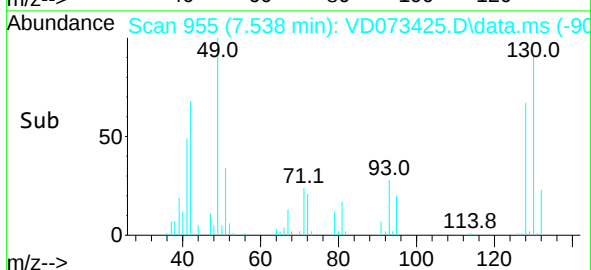
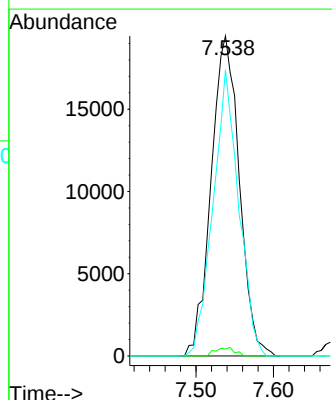
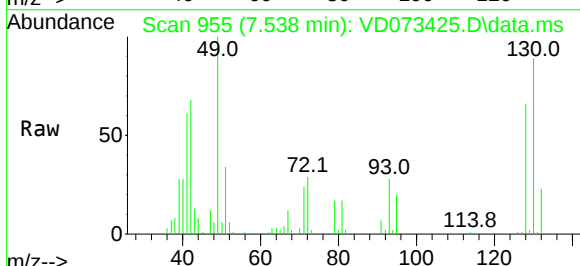


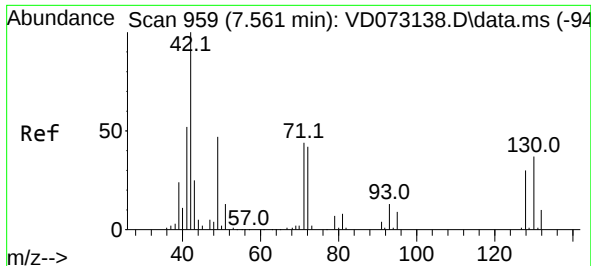
Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	313.8
98	65.1	0.0	128.8



#28
 Bromochloromethane
 Concen: 18.266 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073425.D
 Acq: 31 May 2022 15:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	81.5	52.6	79.0





#29

Tetrahydrofuran

Concen: 106.093 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073425.D

Acq: 31 May 2022 15:12

Instrument :

MSVOA_D

ClientSampleId :

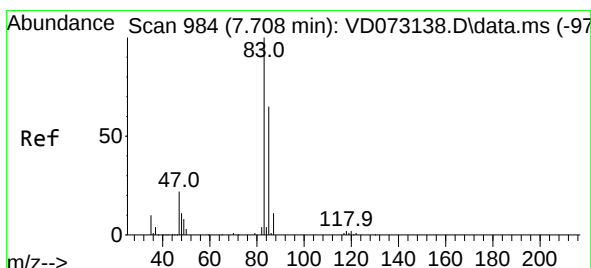
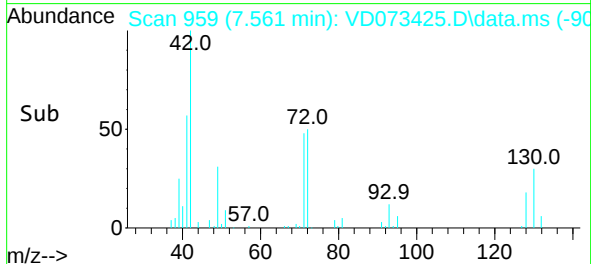
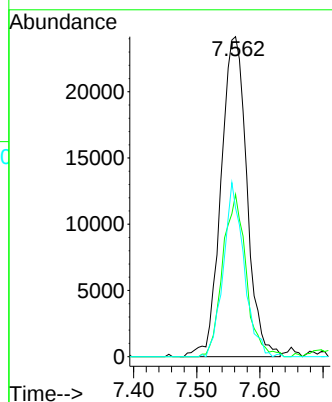
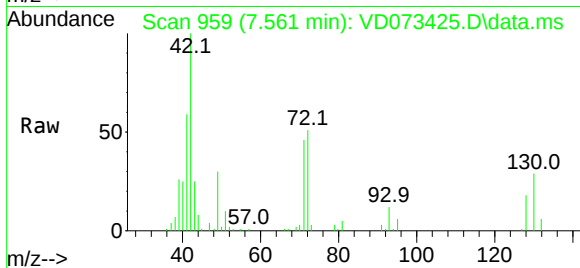
Tgt Ion: 42 Resp: 68679

Ion Ratio Lower Upper

42 100

72 45.9 30.7 46.1

71 43.2 28.6 43.0#



#30

Chloroform

Concen: 20.012 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073425.D

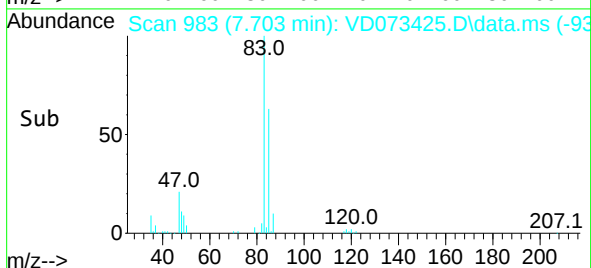
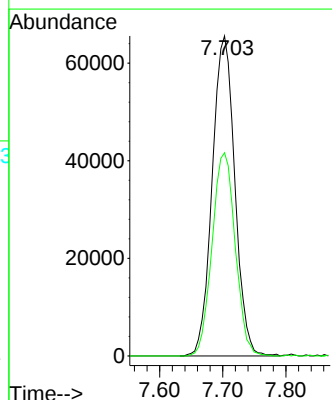
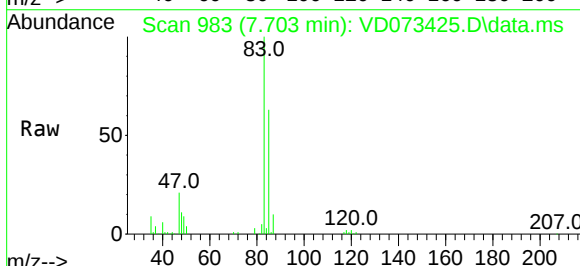
Acq: 31 May 2022 15:12

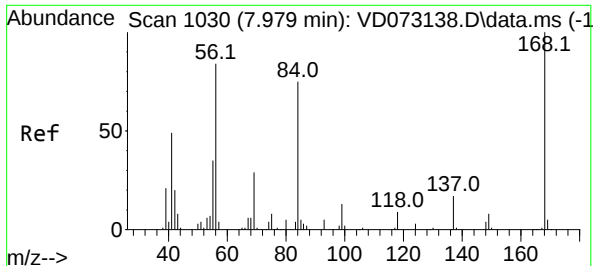
Tgt Ion: 83 Resp: 163024

Ion Ratio Lower Upper

83 100

85 63.5 52.7 79.1

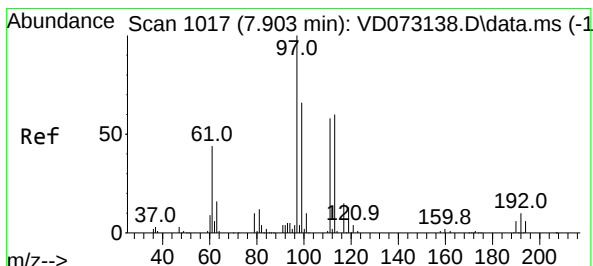
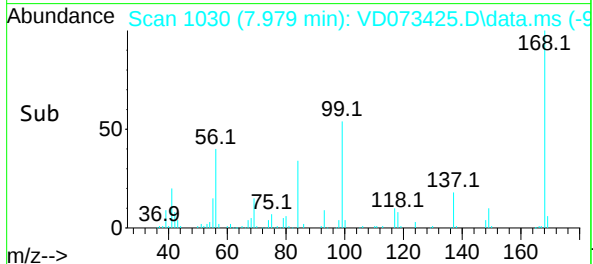
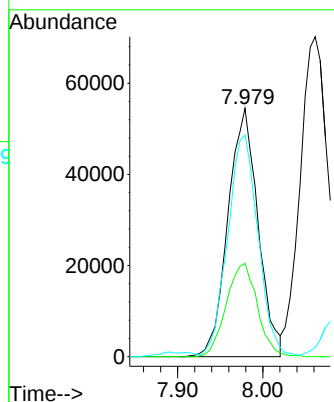
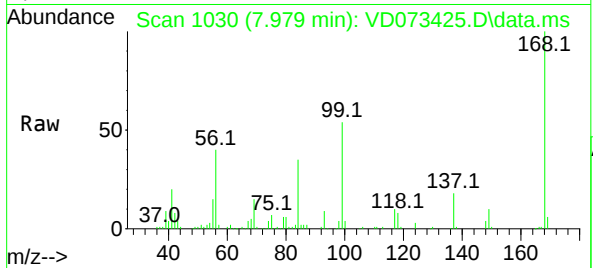




#31
Cyclohexane
Concen: 19.360 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

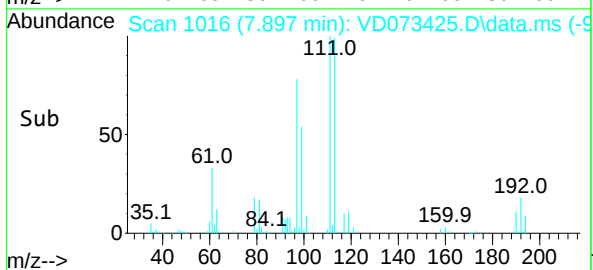
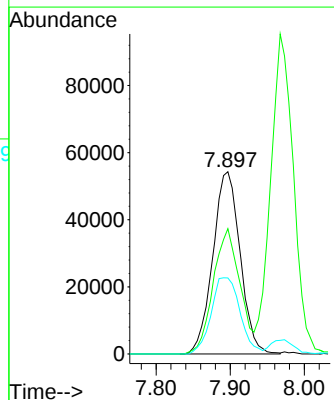
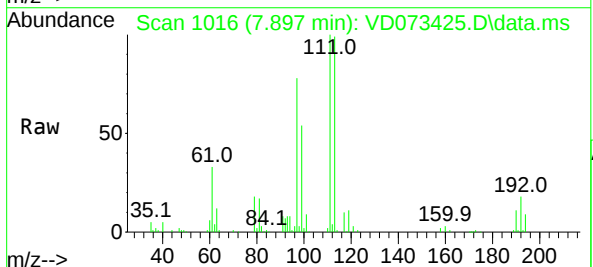
Instrument :
MSVOA_D
ClientSampleId :

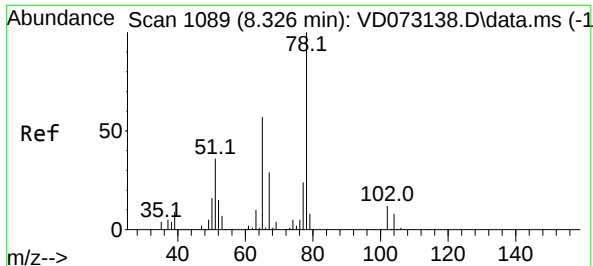
Tgt Ion: 56 Resp: 133654
Ion Ratio Lower Upper
56 100
69 37.6 25.4 38.2
84 87.8 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 19.501 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion: 97 Resp: 138943
Ion Ratio Lower Upper
97 100
99 67.6 52.4 78.6
61 44.2 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 47.006 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073425.D

Acq: 31 May 2022 15:12

Instrument :

MSVOA_D

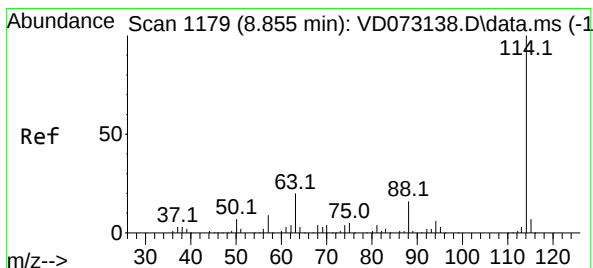
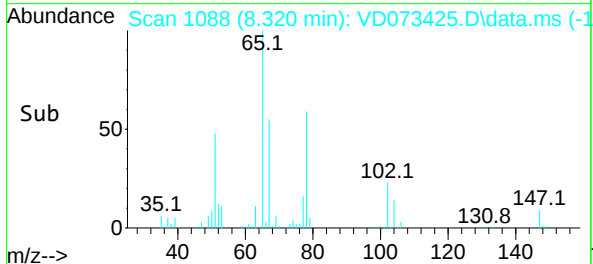
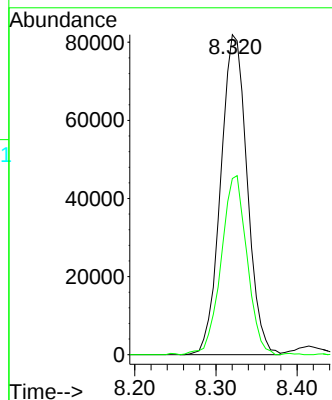
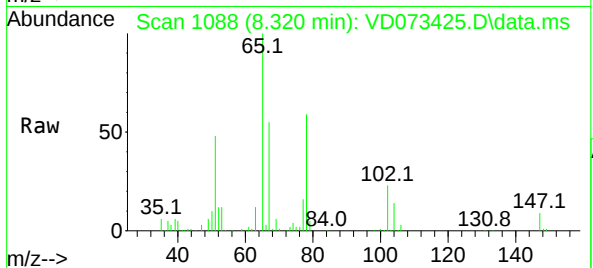
ClientSampleId :

Tgt Ion: 65 Resp: 185703

Ion Ratio Lower Upper

65 100

67 54.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073425.D

Acq: 31 May 2022 15:12

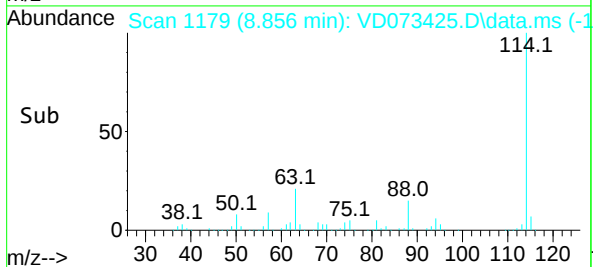
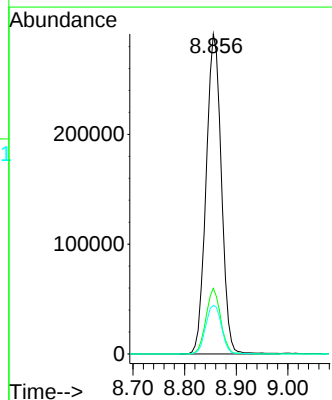
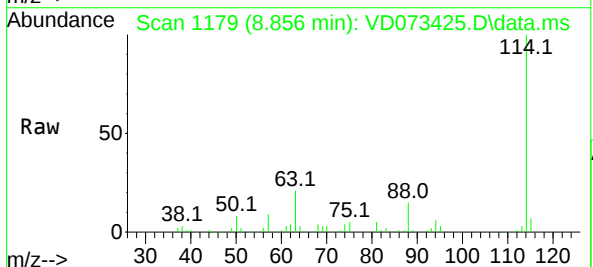
Tgt Ion: 114 Resp: 596273

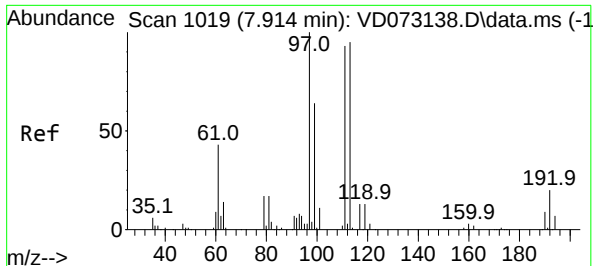
Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.616 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

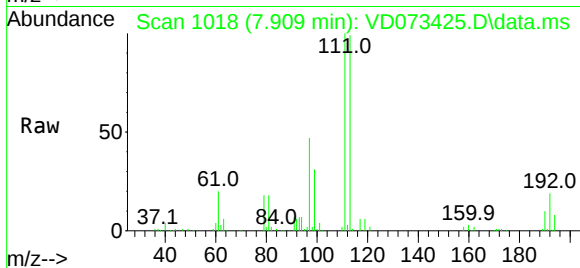
Lab File: VD073425.D

Acq: 31 May 2022 15:12

Instrument :

MSVOA_D

ClientSampleId :



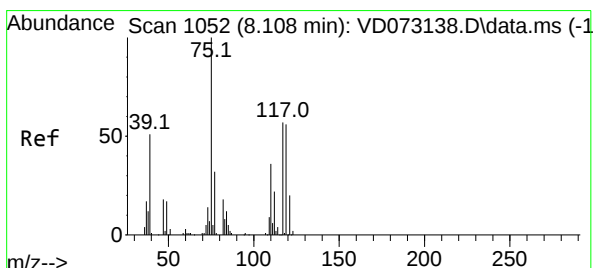
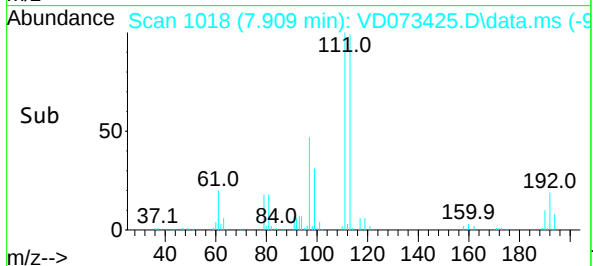
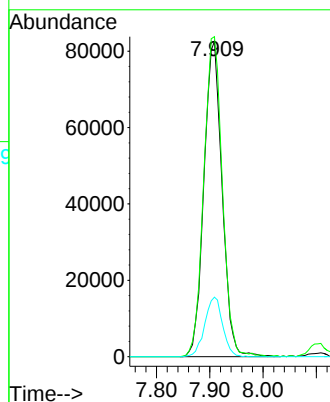
Tgt Ion:113 Resp: 195218

Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 18.6 14.6 21.8



#36

1,1-Dichloropropene

Concen: 19.791 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.005 min

Lab File: VD073425.D

Acq: 31 May 2022 15:12

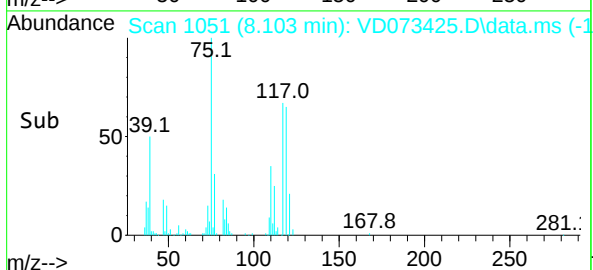
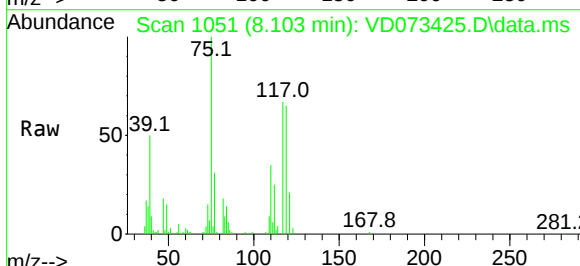
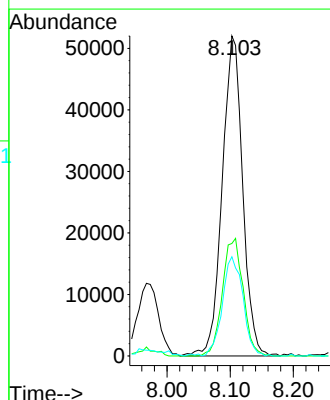
Tgt Ion: 75 Resp: 117117

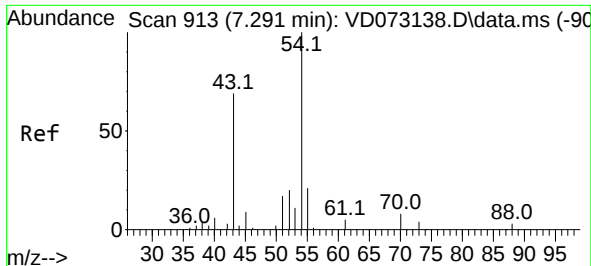
Ion Ratio Lower Upper

75 100

110 37.3 16.4 49.1

77 31.2 24.2 36.2





#37

Ethyl Acetate

Concen: 22.305 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD073425.D

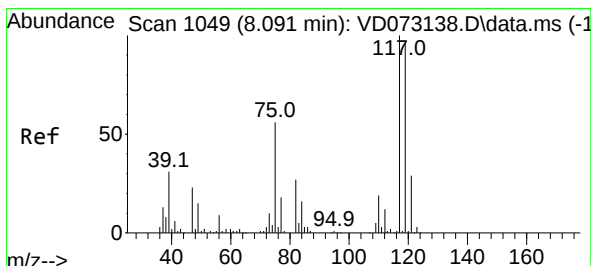
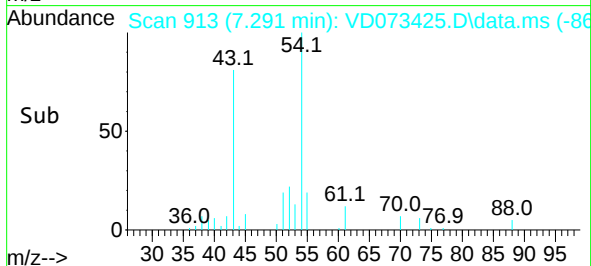
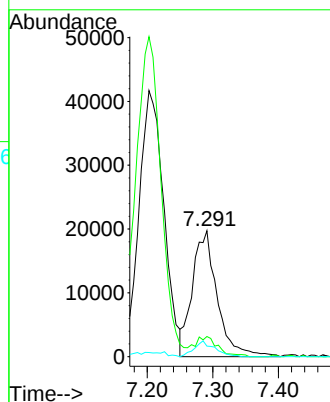
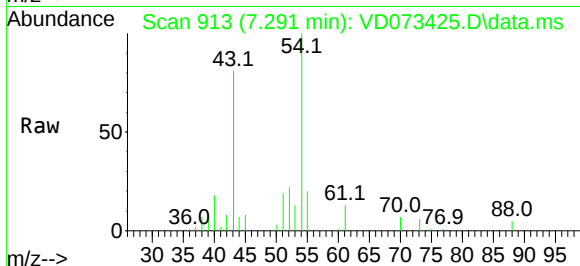
Acq: 31 May 2022 15:12

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 52136
Ion Ratio	Lower Upper
43 100	
61 14.9	9.8 14.8#
70 10.3	6.9 10.3



#38

Carbon Tetrachloride

Concen: 20.541 ug/l

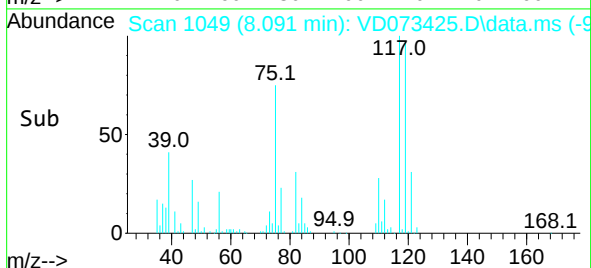
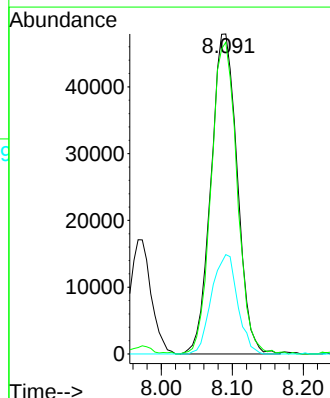
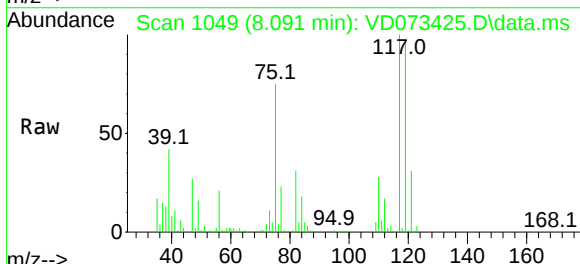
RT: 8.091 min Scan# 1049

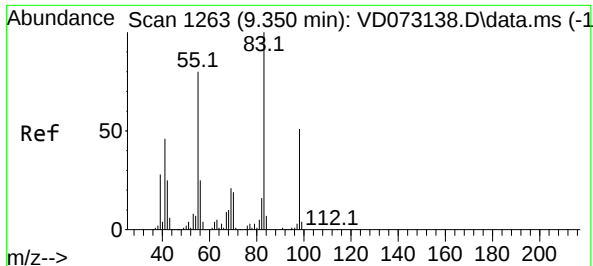
Delta R.T. -0.000 min

Lab File: VD073425.D

Acq: 31 May 2022 15:12

Tgt Ion: 117	Resp: 123214
Ion Ratio	Lower Upper
117 100	
119 97.4	75.8 113.6
121 31.0	24.5 36.7





#39

Methylcyclohexane

Concen: 20.251 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073425.D

Acq: 31 May 2022 15:12

Instrument :

MSVOA_D

ClientSampleId :

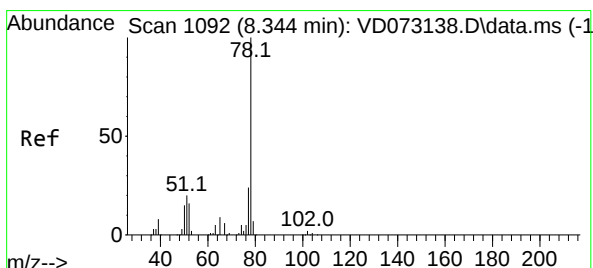
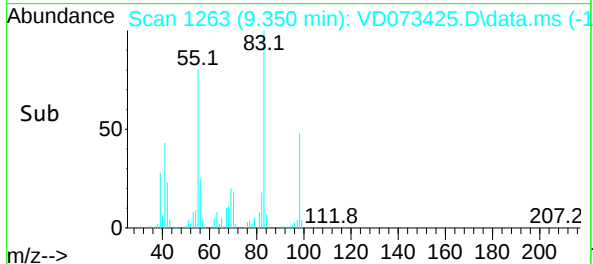
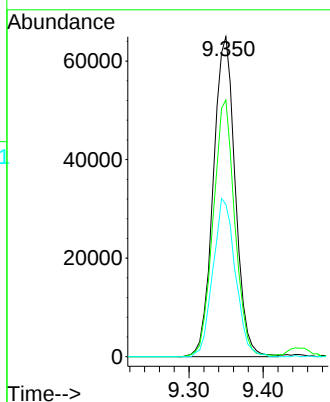
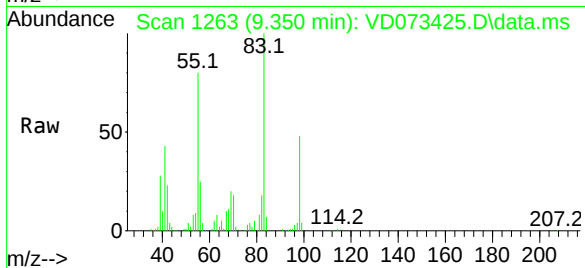
Tgt Ion: 83 Resp: 133554

Ion Ratio Lower Upper

83 100

55 80.2 63.2 94.8

98 47.5 38.2 57.4



#40

Benzene

Concen: 20.223 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073425.D

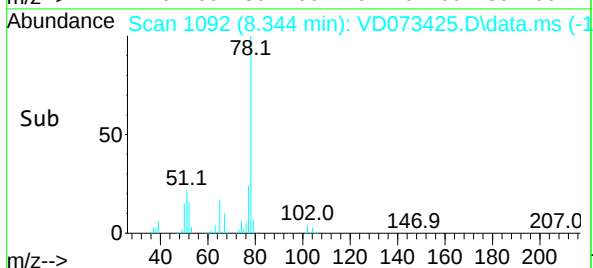
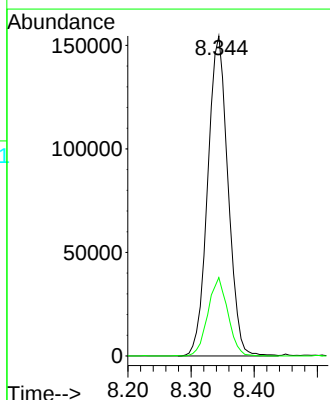
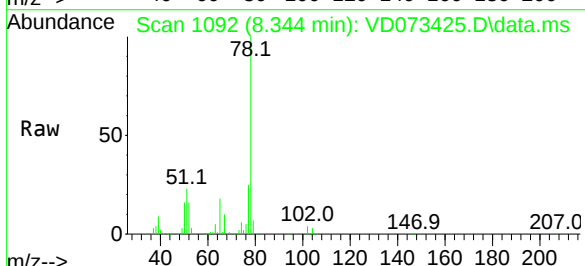
Acq: 31 May 2022 15:12

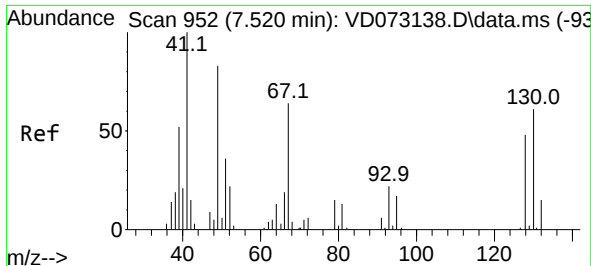
Tgt Ion: 78 Resp: 344893

Ion Ratio Lower Upper

78 100

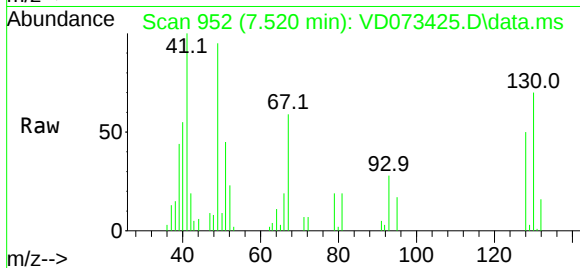
77 24.5 19.1 28.7



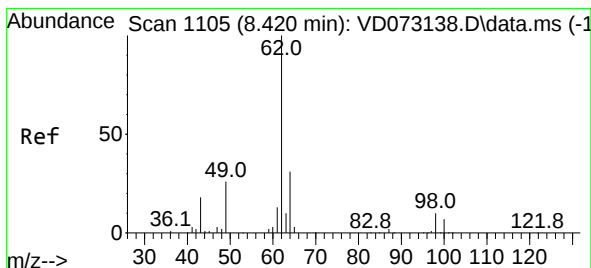
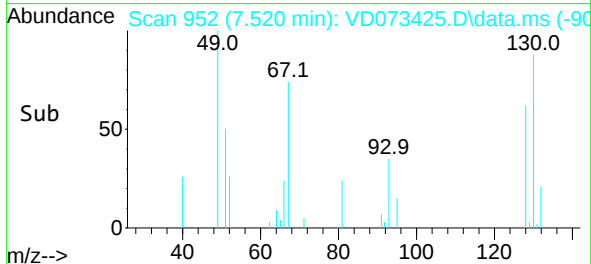
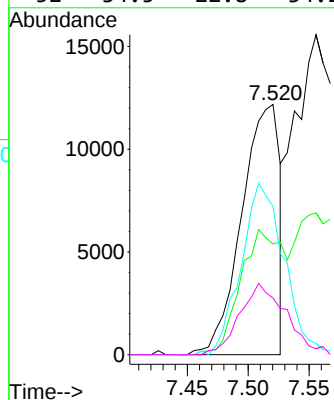


#41
Methacrylonitrile
Concen: 19.458 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Instrument :
MSVOA_D
ClientSampleId :

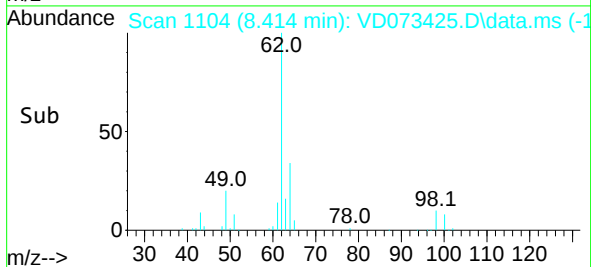
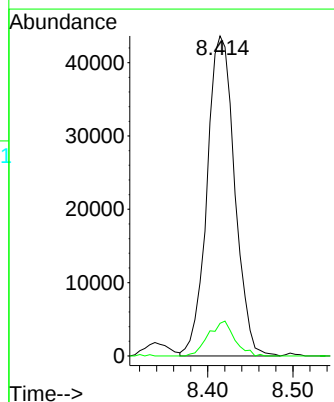
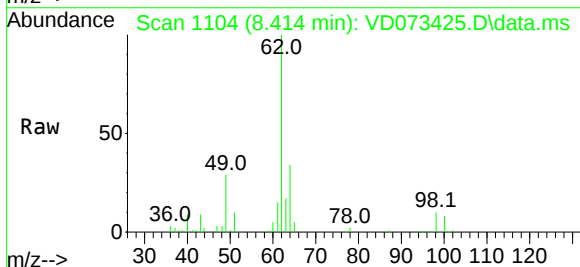


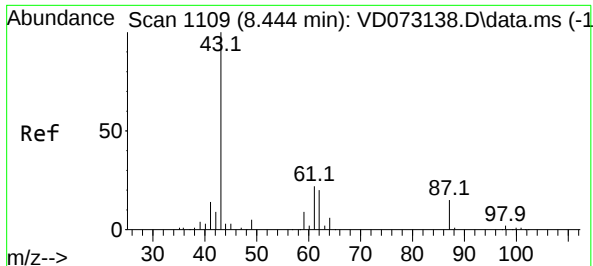
Tgt Ion: 41 Resp: 26499
Ion Ratio Lower Upper
41 100
39 57.0 44.6 67.0
67 77.8 48.2 72.4#
52 34.5 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 20.713 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion: 62 Resp: 98291
Ion Ratio Lower Upper
62 100
98 10.3 0.0 17.6

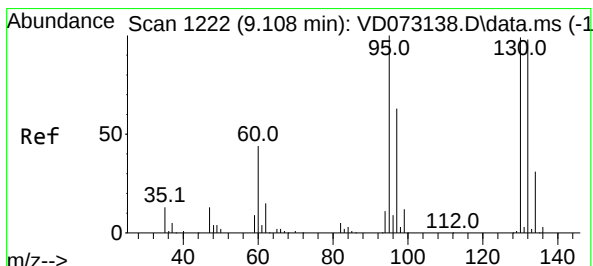
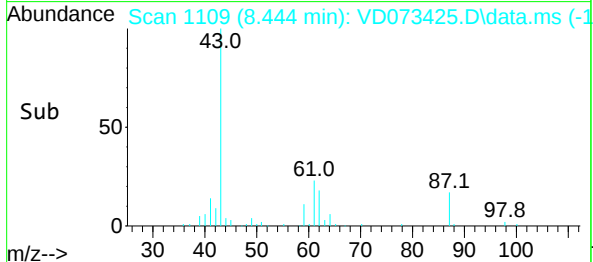
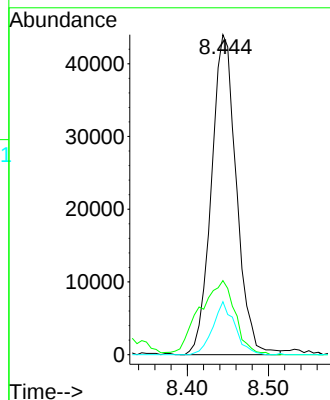
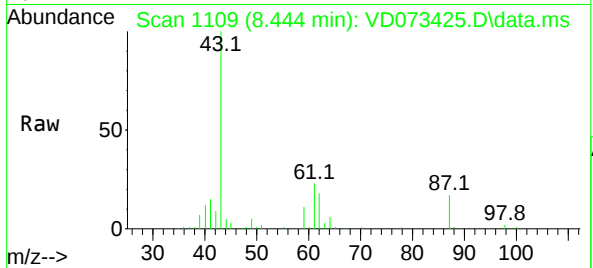




#43
Isopropyl Acetate
Concen: 21.782 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

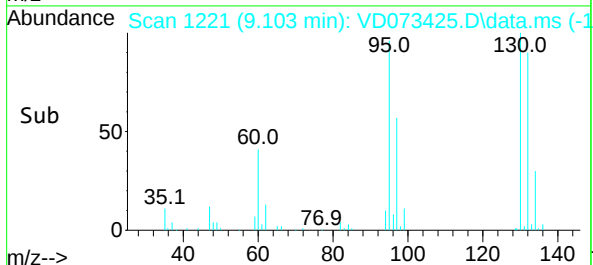
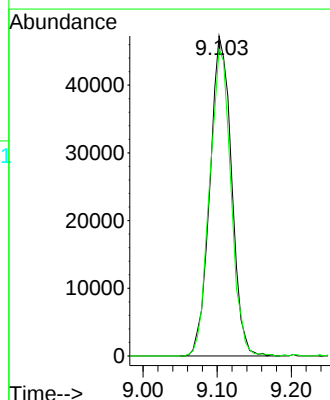
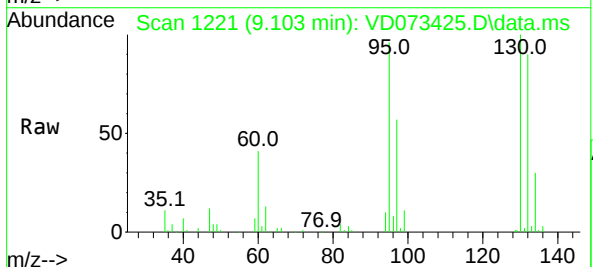
Instrument :
MSVOA_D
ClientSampleId :

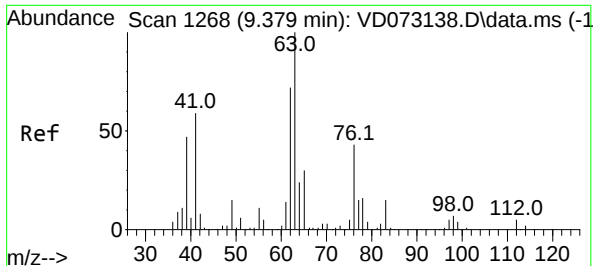
Tgt Ion: 43 Resp: 94105
Ion Ratio Lower Upper
43 100
61 33.1 22.4 33.6
87 14.6 8.7 13.1#



#44
Trichloroethene
Concen: 21.053 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.005 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion:130 Resp: 95746
Ion Ratio Lower Upper
130 100
95 95.8 0.0 205.4





#45

1,2-Dichloropropane

Concen: 20.683 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073425.D

Acq: 31 May 2022 15:12

Instrument :

MSVOA_D

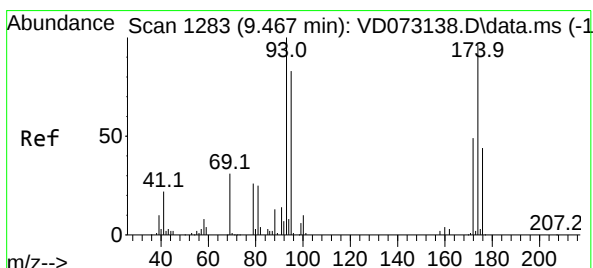
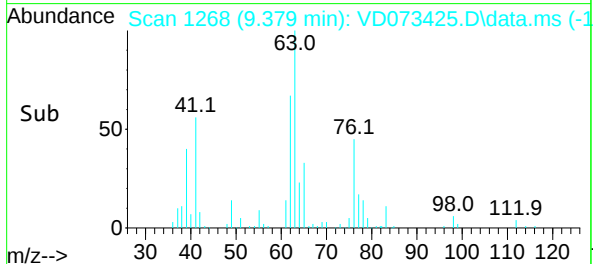
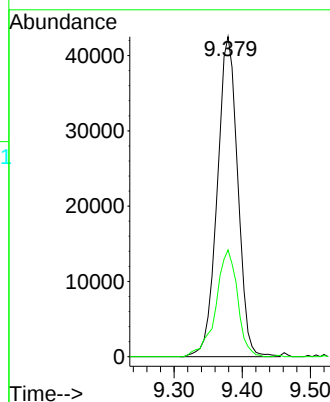
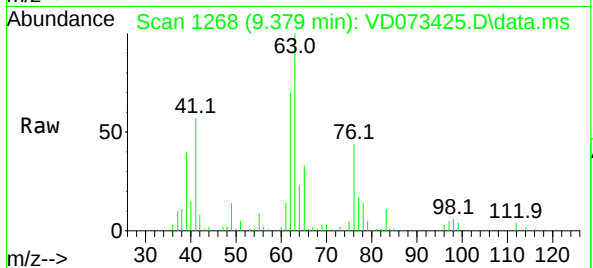
ClientSampleId :

Tgt Ion: 63 Resp: 88833

Ion Ratio Lower Upper

63 100

65 33.3 26.2 39.4



#46

Dibromomethane

Concen: 20.844 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073425.D

Acq: 31 May 2022 15:12

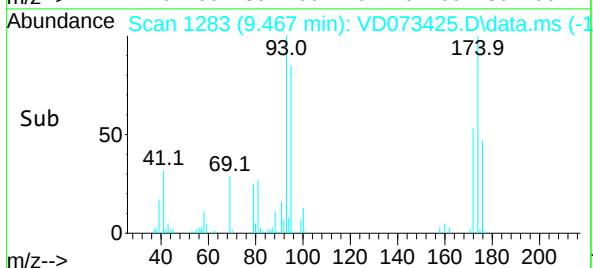
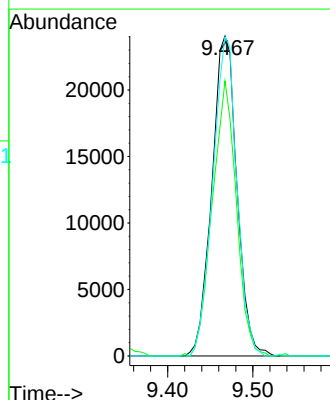
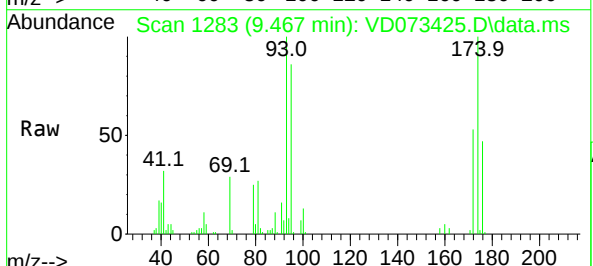
Tgt Ion: 93 Resp: 49169

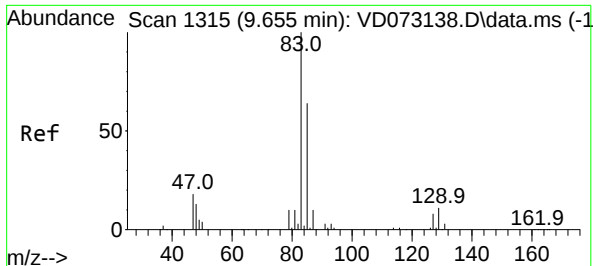
Ion Ratio Lower Upper

93 100

95 82.3 66.7 100.1

174 96.0 71.6 107.4





#47

Bromodichloromethane

Concen: 20.618 ug/l

RT: 9.650 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD073425.D

Acq: 31 May 2022 15:12

Instrument :

MSVOA_D

ClientSampleId :

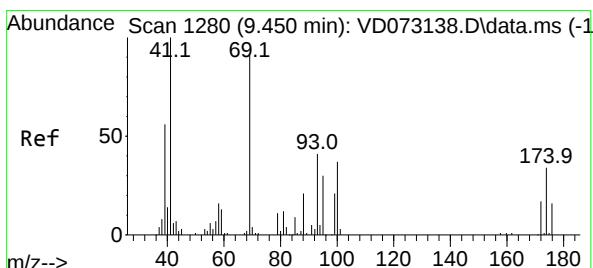
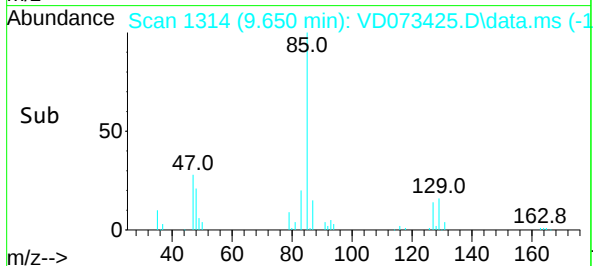
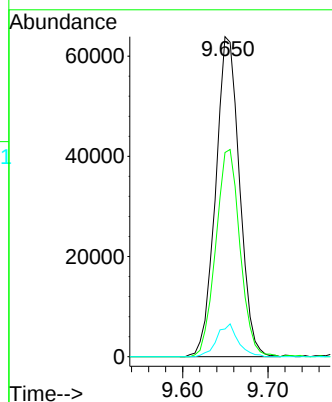
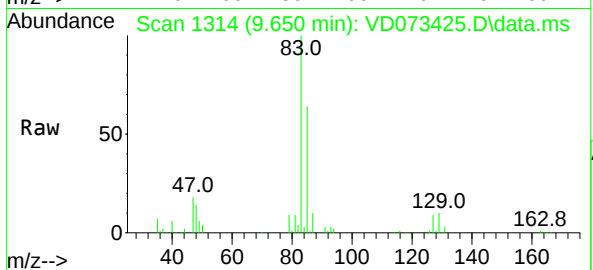
Tgt Ion: 83 Resp: 124442

Ion Ratio Lower Upper

83 100

85 63.8 51.4 77.0

127 8.6 6.1 9.1



#48

Methyl methacrylate

Concen: 19.685 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD073425.D

Acq: 31 May 2022 15:12

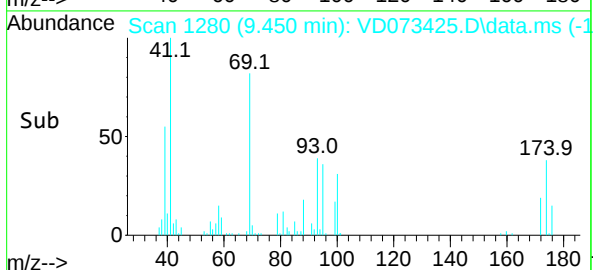
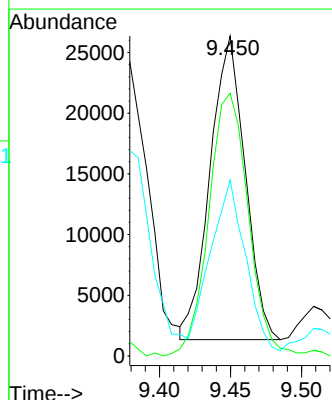
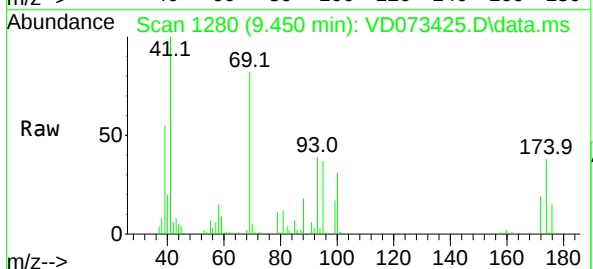
Tgt Ion: 41 Resp: 42789

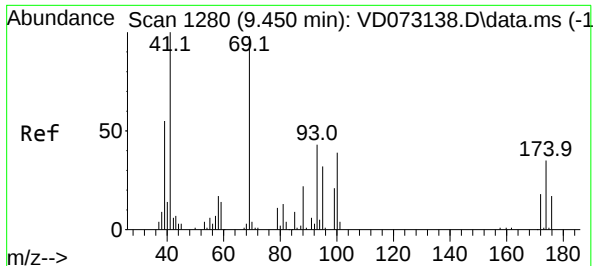
Ion Ratio Lower Upper

41 100

69 97.9 56.7 85.1#

39 56.1 42.7 64.1





#49

1,4-Dioxane

Concen: 419.167 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD073425.D

Acq: 31 May 2022 15:12

Instrument :

MSVOA_D

ClientSampleId :

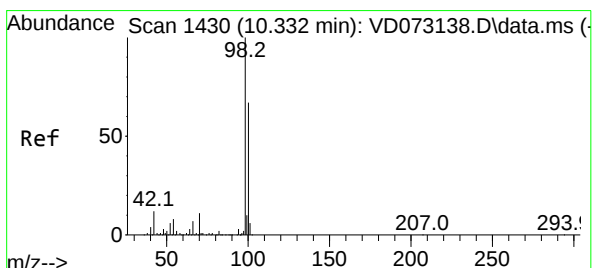
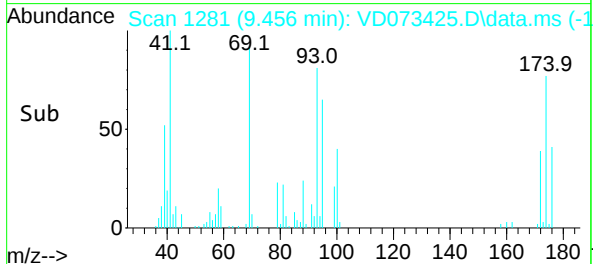
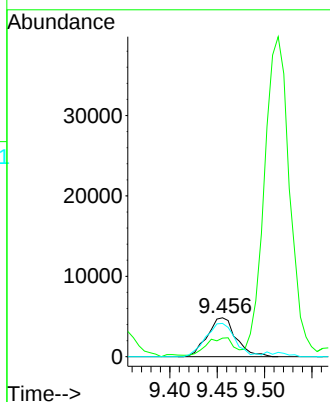
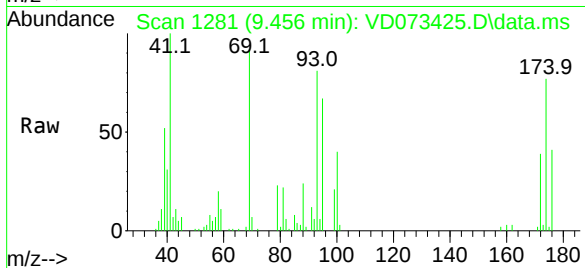
Tgt Ion: 88 Resp: 10211

Ion Ratio Lower Upper

88 100

43 41.0 31.0 46.4

58 87.7 58.1 87.1#



#50

Toluene-d8

Concen: 49.652 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073425.D

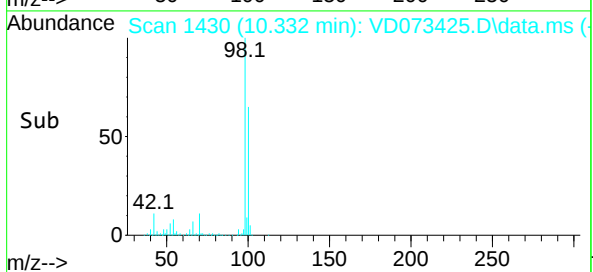
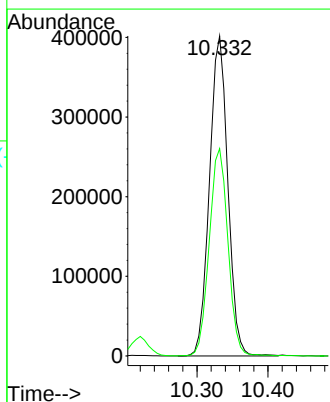
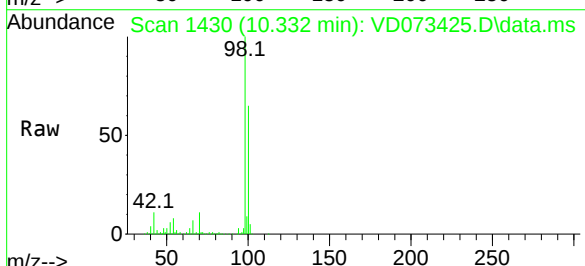
Acq: 31 May 2022 15:12

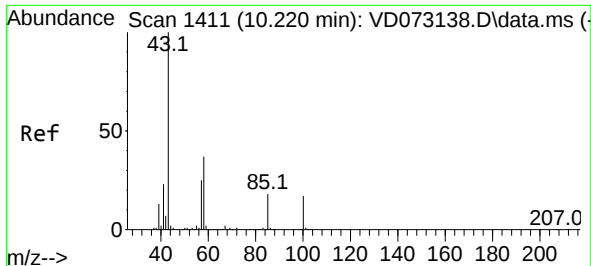
Tgt Ion: 98 Resp: 720144

Ion Ratio Lower Upper

98 100

100 65.9 52.4 78.6

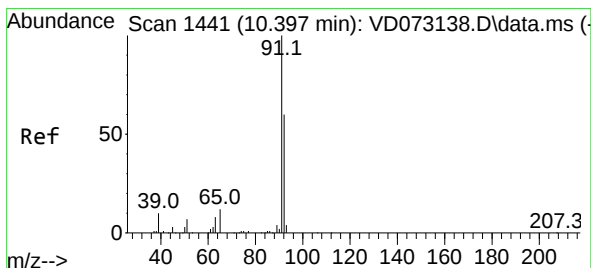
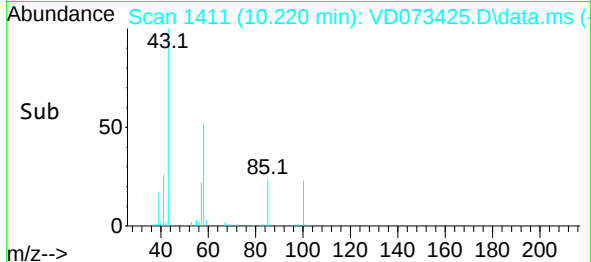
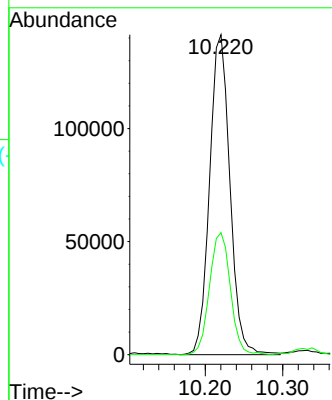
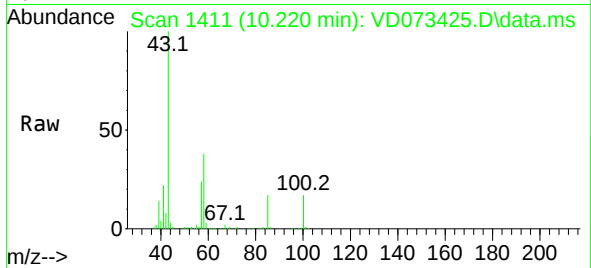




#51
4-Methyl-2-Pentanone
Concen: 115.298 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

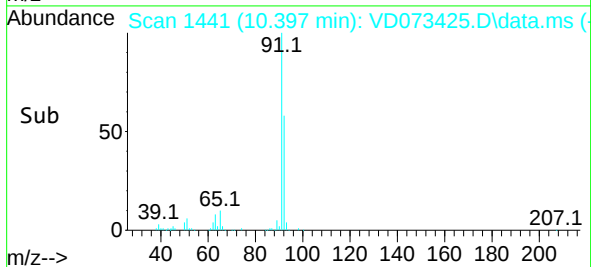
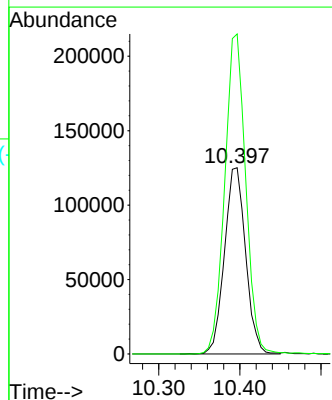
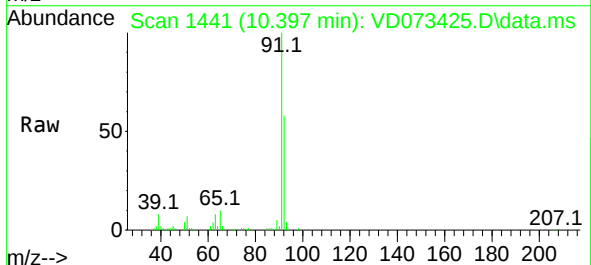
Instrument :
MSVOA_D
ClientSampleId :

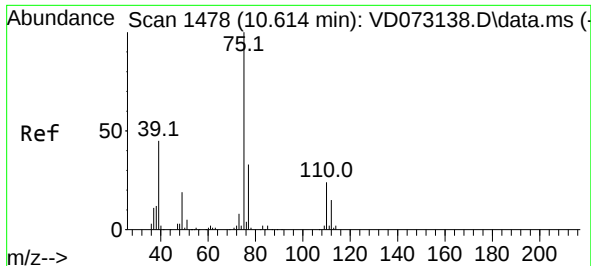
Tgt Ion: 43 Resp: 258720
Ion Ratio Lower Upper
43 100
58 39.1 28.6 43.0



#52
Toluene
Concen: 21.008 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion: 92 Resp: 226406
Ion Ratio Lower Upper
92 100
91 170.1 139.6 209.4

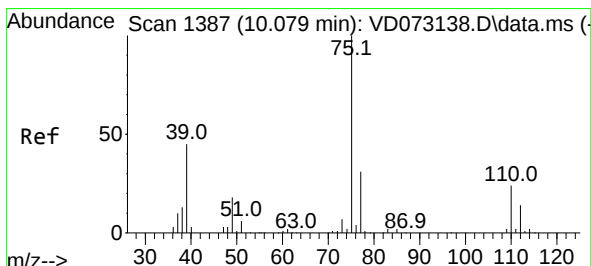
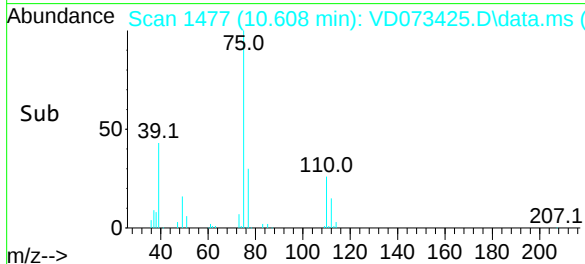
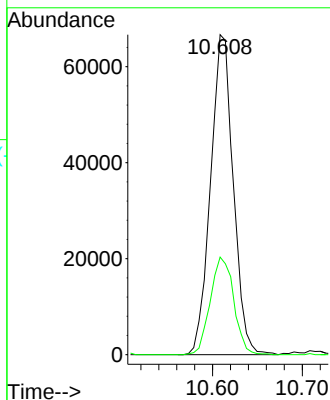
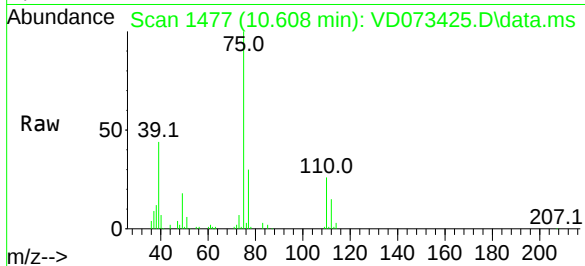




#53
t-1,3-Dichloropropene
Concen: 21.492 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

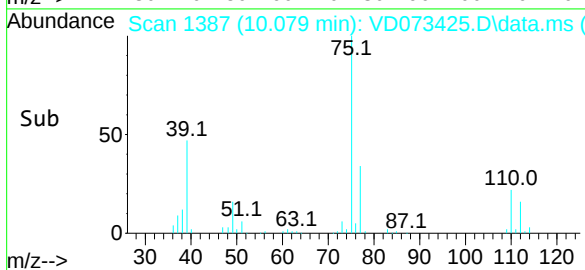
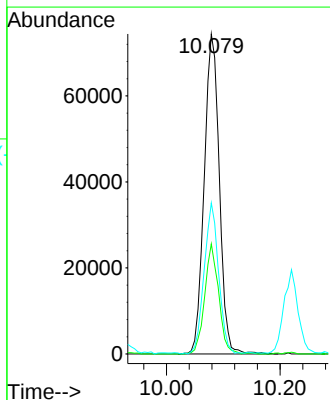
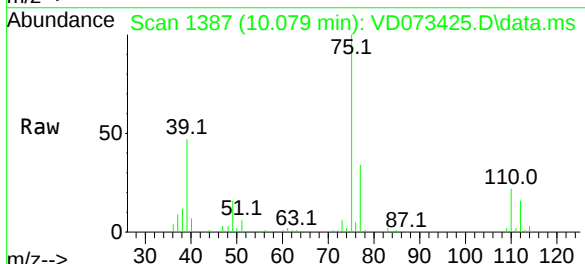
Instrument :
MSVOA_D
ClientSampleId :

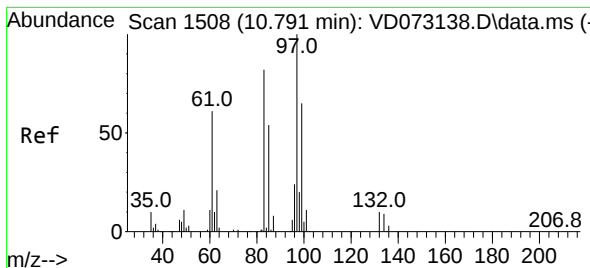
Tgt Ion: 75 Resp: 117190
Ion Ratio Lower Upper
75 100
77 30.5 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 21.039 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion: 75 Resp: 137286
Ion Ratio Lower Upper
75 100
77 34.4 24.8 37.2
39 46.9 46.8 70.2

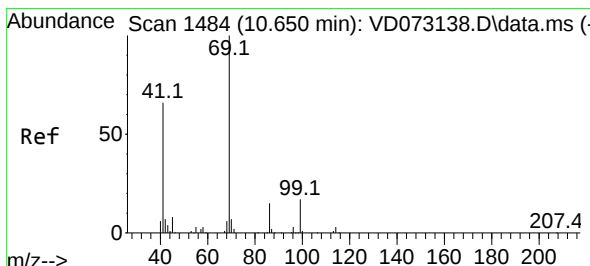
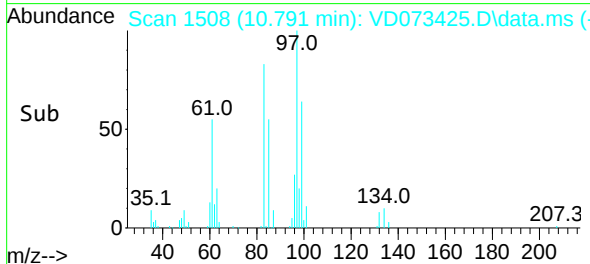
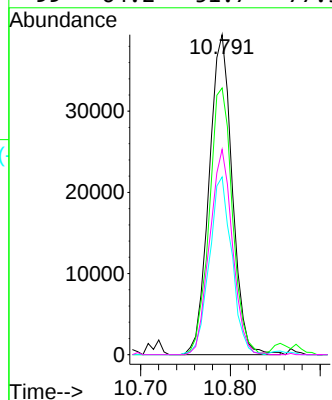
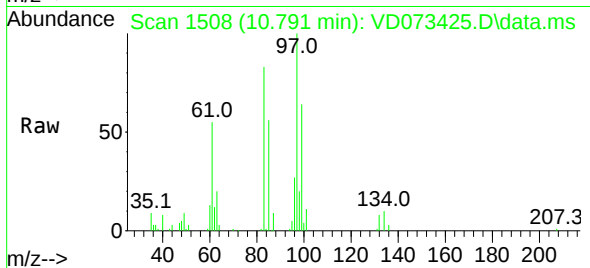




#55
1,1,2-Trichloroethane
Concen: 22.124 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

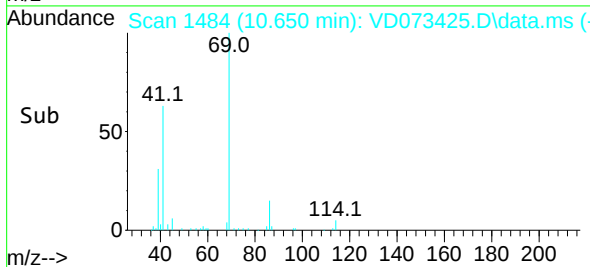
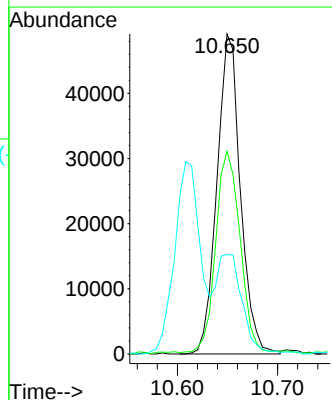
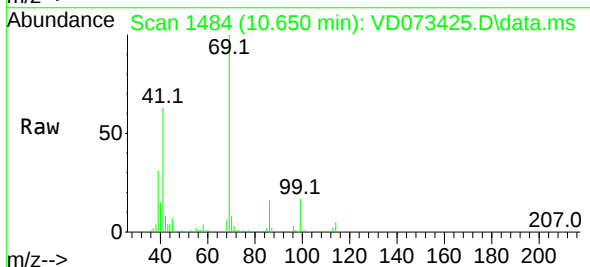
Instrument :
MSVOA_D
ClientSampleId :

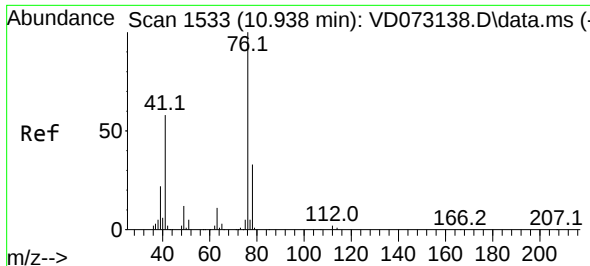
Tgt Ion:	97	Resp:	70573
Ion	Ratio	Lower	Upper
97	100		
83	83.4	69.0	103.4
85	55.6	42.6	63.8
99	64.2	51.7	77.5



#56
Ethyl methacrylate
Concen: 22.478 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion:	69	Resp:	79720
Ion	Ratio	Lower	Upper
69	100		
41	65.8	63.0	94.6
39	35.0	33.8	50.8

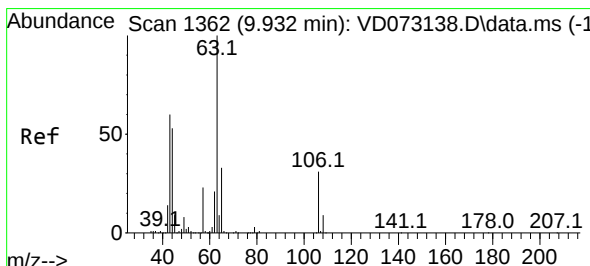
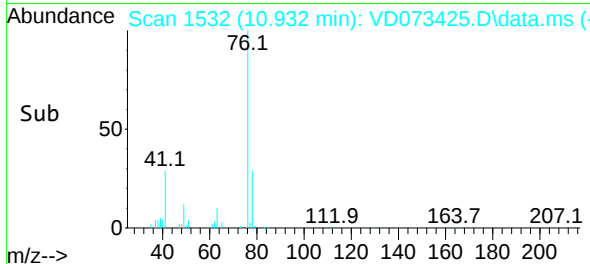
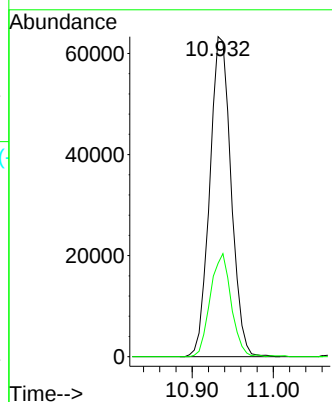
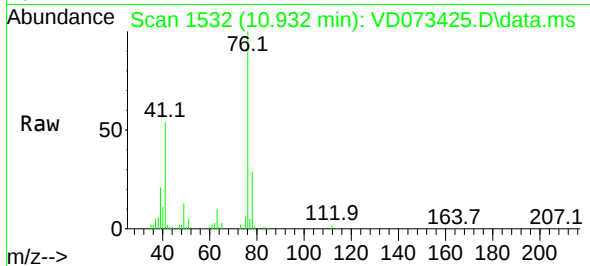




#57
1,3-Dichloropropane
Concen: 21.609 ug/l
RT: 10.932 min Scan# 115658
Delta R.T. -0.006 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

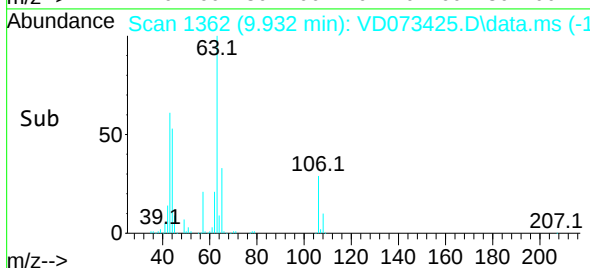
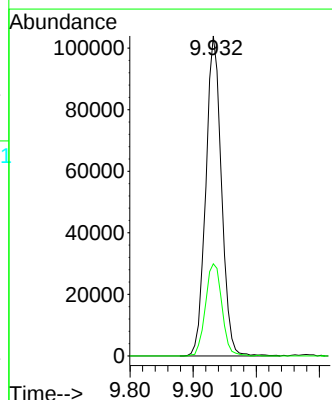
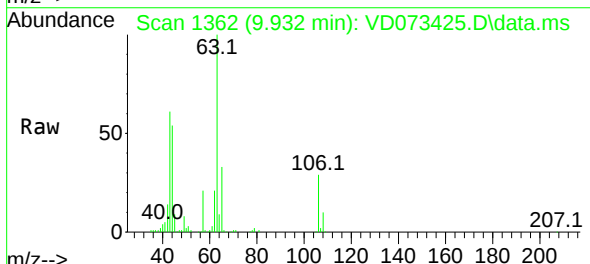
Instrument :
MSVOA_D
ClientSampleId :

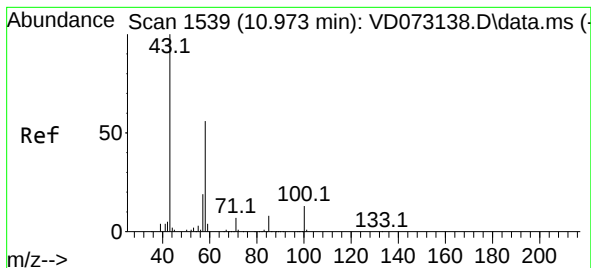
Tgt Ion: 76 Resp: 115658
Ion Ratio Lower Upper
76 100
78 31.5 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 118.798 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

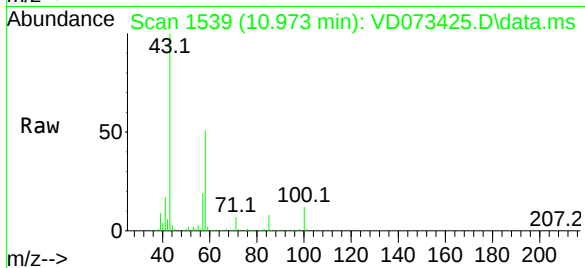
Tgt Ion: 63 Resp: 179245
Ion Ratio Lower Upper
63 100
106 30.2 21.4 32.0



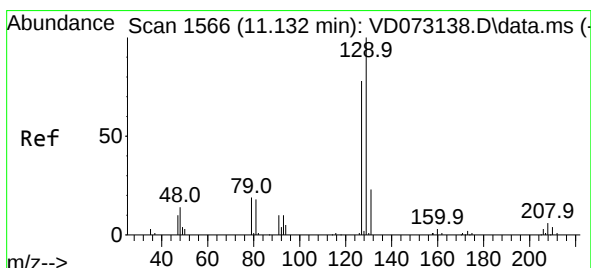
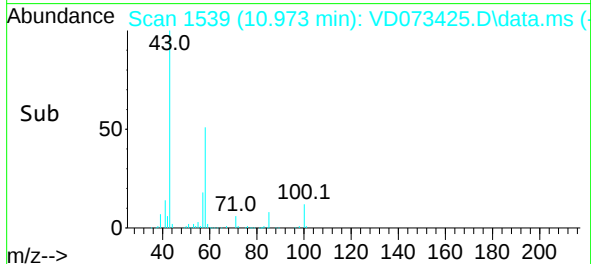
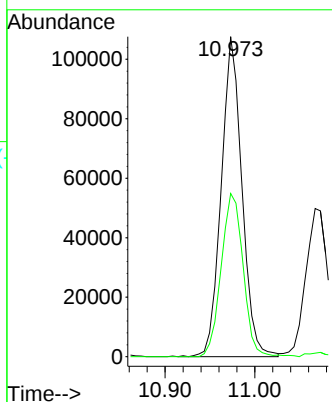


#59
2-Hexanone
Concen: 116.528 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Instrument :
MSVOA_D
ClientSampleId :

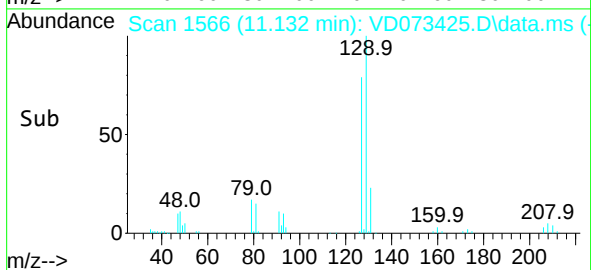
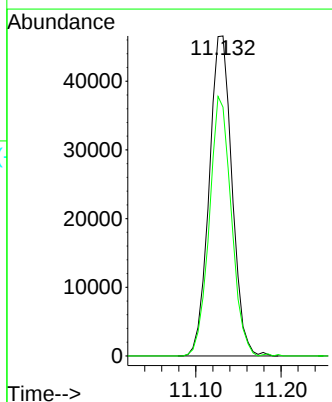
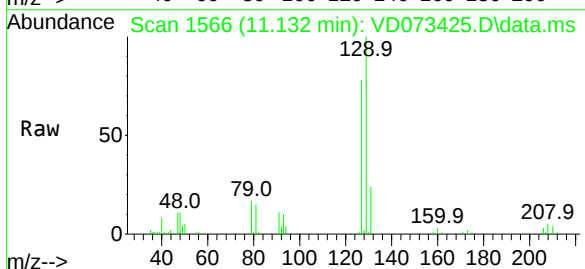


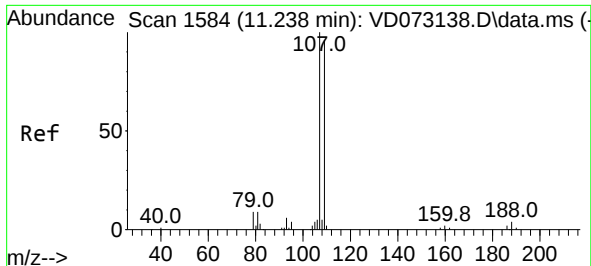
Tgt Ion: 43 Resp: 172390
Ion Ratio Lower Upper
43 100
58 54.0 25.3 75.9



#60
Dibromochloromethane
Concen: 21.843 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion: 129 Resp: 86881
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6

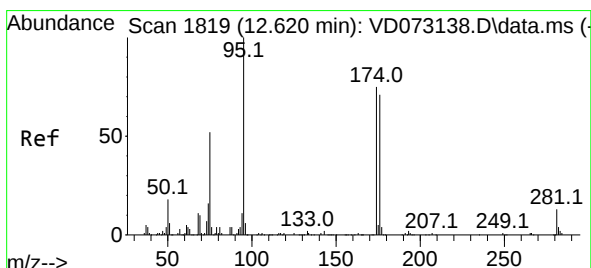
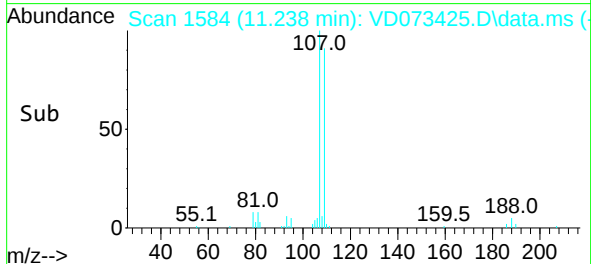
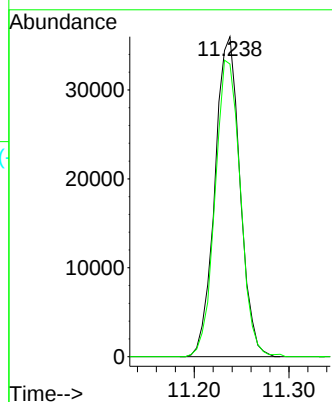
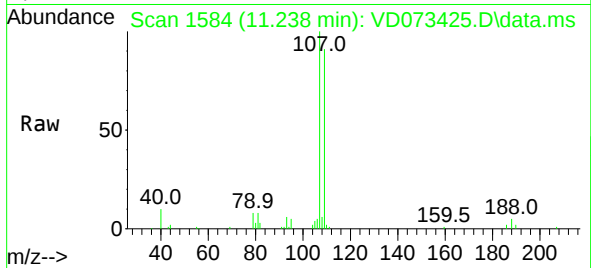




#61
1,2-Dibromoethane
Concen: 21.772 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

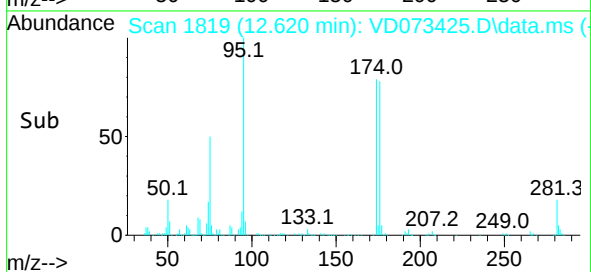
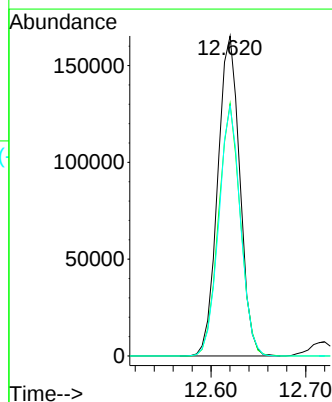
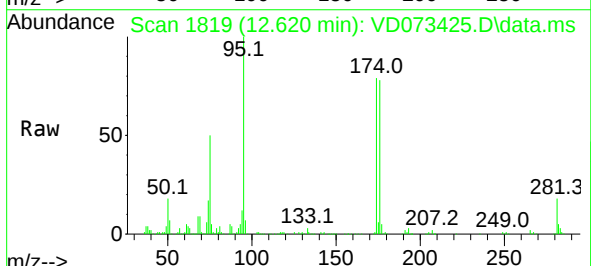
Instrument :
MSVOA_D
ClientSampleId :

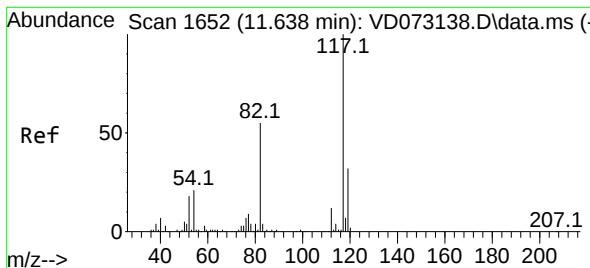
Tgt Ion:107 Resp: 66364
Ion Ratio Lower Upper
107 100
109 93.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 52.567 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion: 95 Resp: 267565
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 77.0 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

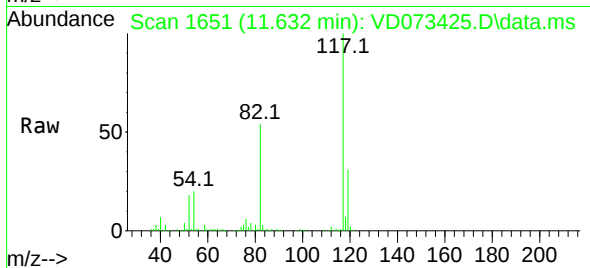
Lab File: VD073425.D

Acq: 31 May 2022 15:12

Instrument :

MSVOA_D

ClientSampleId :



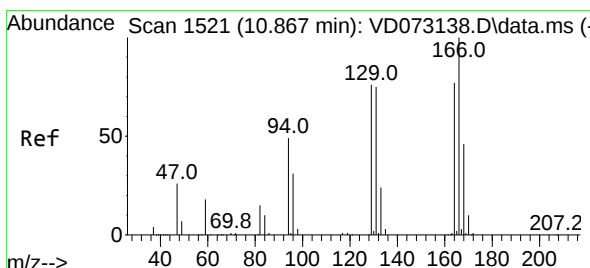
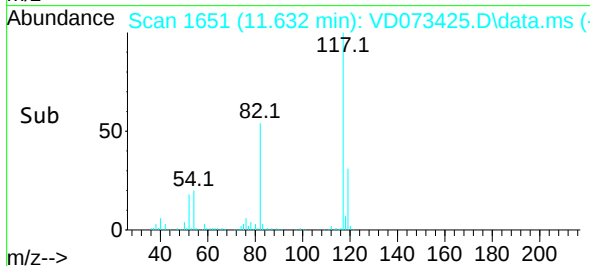
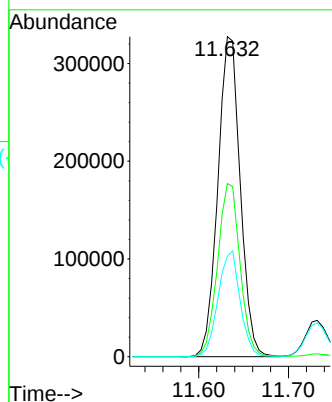
Tgt Ion:117 Resp: 567087

Ion Ratio Lower Upper

117 100

82 54.1 45.3 67.9

119 31.5 26.6 40.0



#64

Tetrachloroethene

Concen: 20.651 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073425.D

Acq: 31 May 2022 15:12

Tgt Ion:164 Resp: 76705

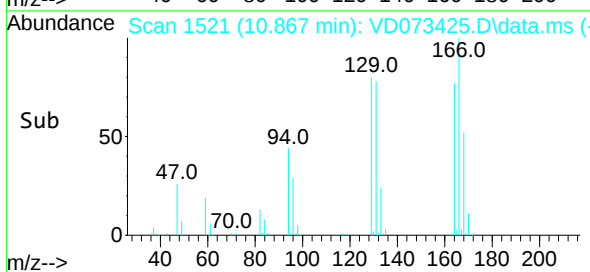
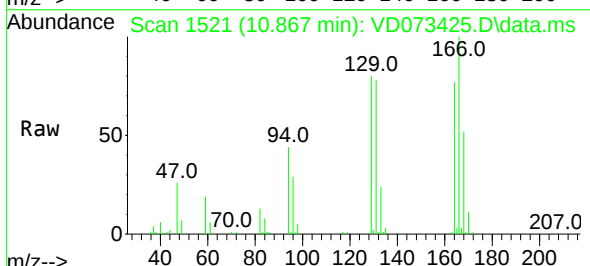
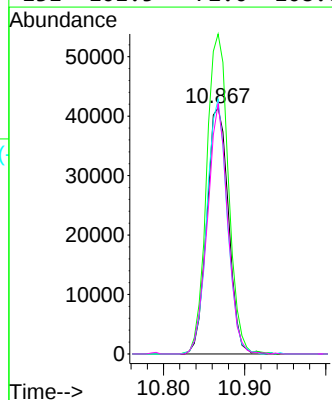
Ion Ratio Lower Upper

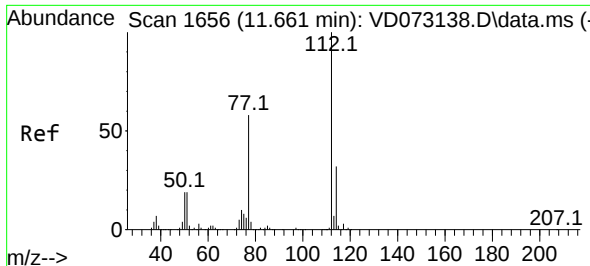
164 100

166 130.0 98.5 147.7

129 103.4 74.6 111.8

131 101.5 72.0 108.0

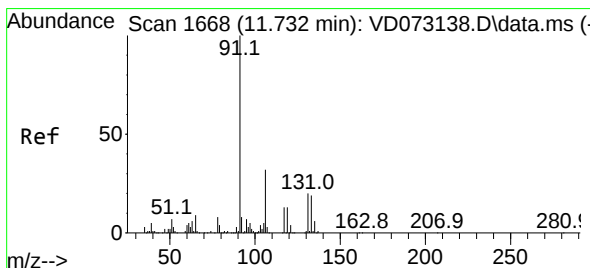
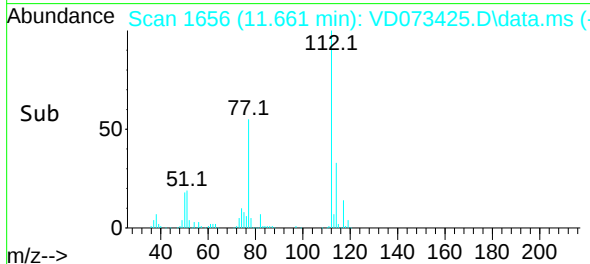
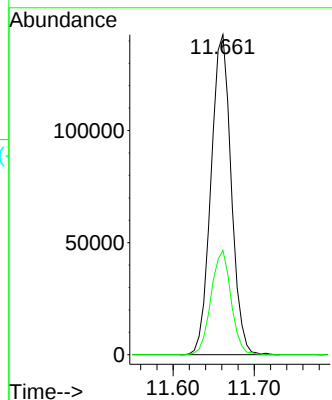
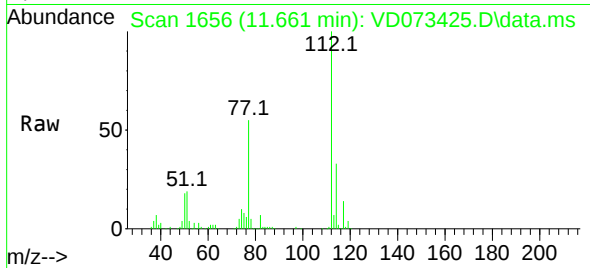




#65
Chlorobenzene
Concen: 21.179 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

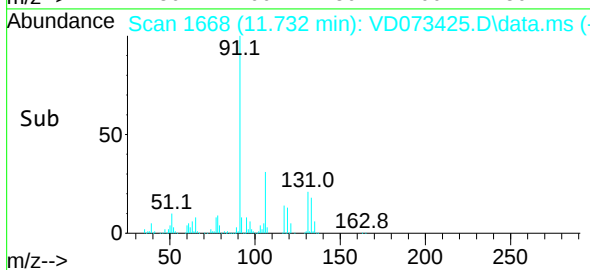
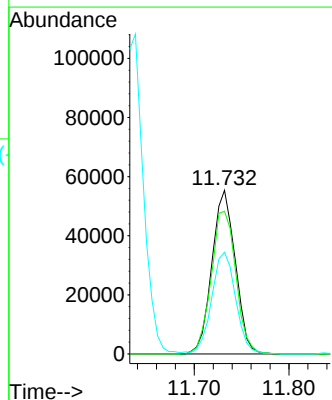
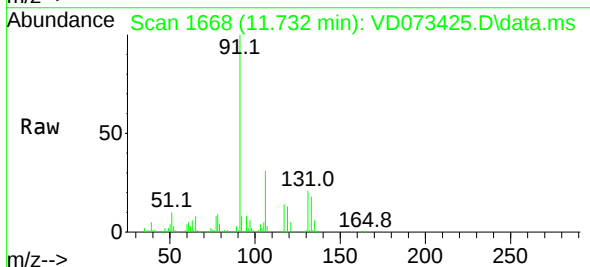
Instrument :
MSVOA_D
ClientSampleId :

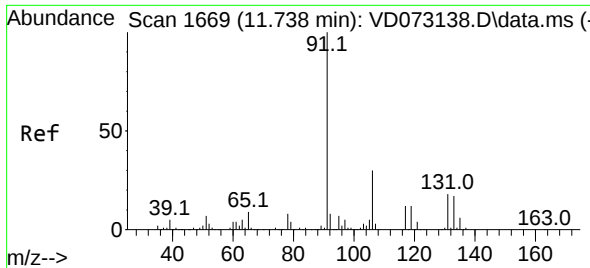
Tgt Ion:112 Resp: 246386
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.035 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion:131 Resp: 95072
Ion Ratio Lower Upper
131 100
133 92.3 48.1 144.3
119 64.1 31.9 95.9

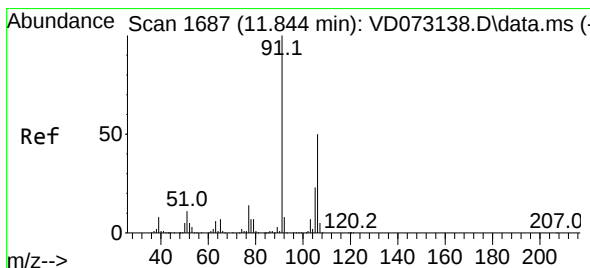
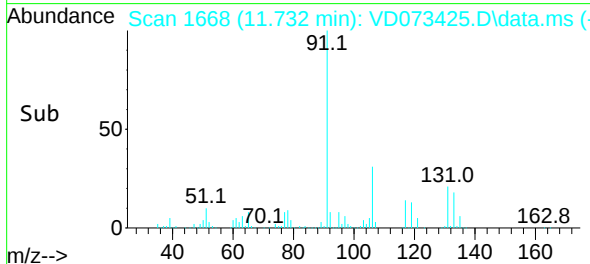
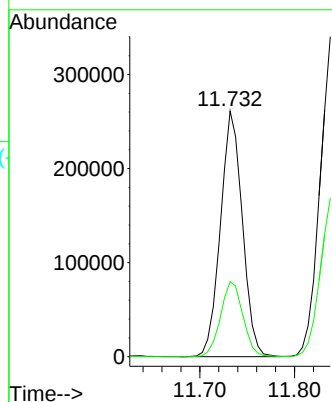
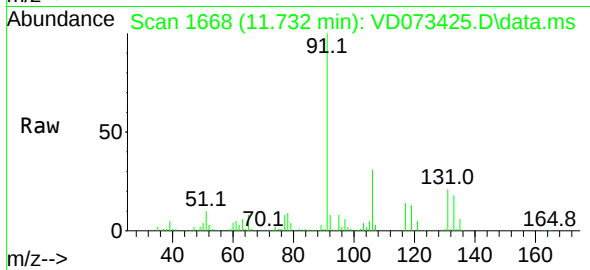




#67
Ethyl Benzene
Concen: 20.551 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

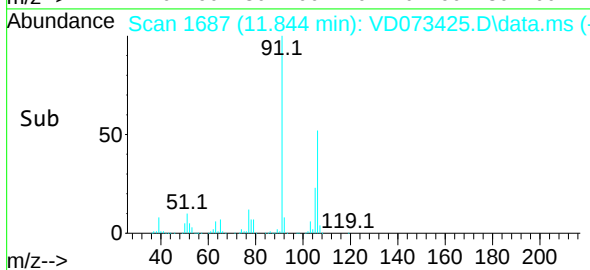
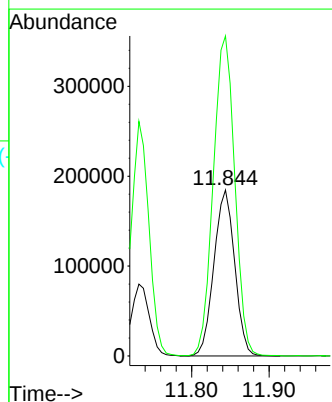
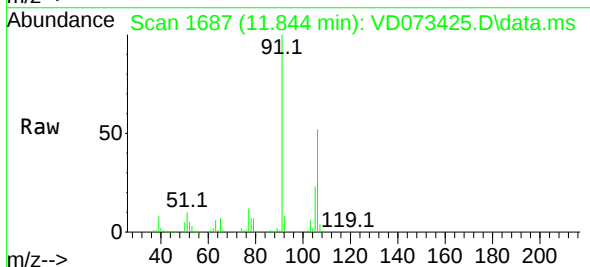
Instrument :
MSVOA_D
ClientSampleId :

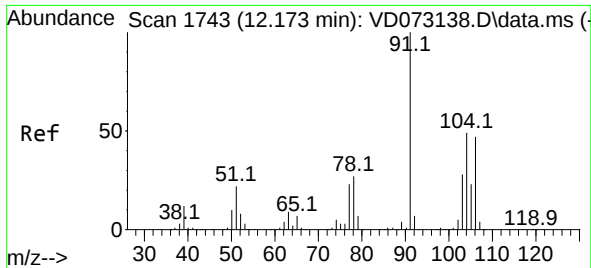
Tgt Ion: 91 Resp: 419702
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.4



#68
m/p-Xylenes
Concen: 43.243 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion: 106 Resp: 343105
Ion Ratio Lower Upper
106 100
91 199.7 163.7 245.5

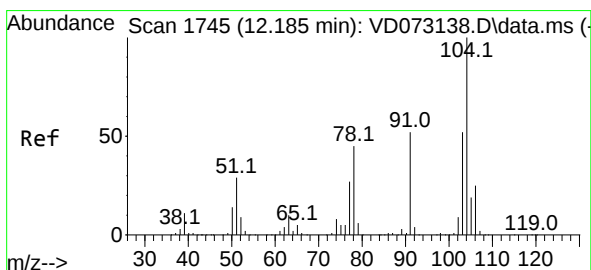
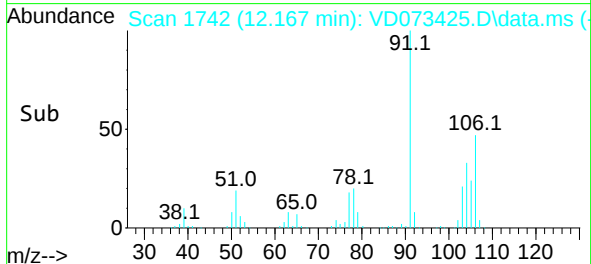
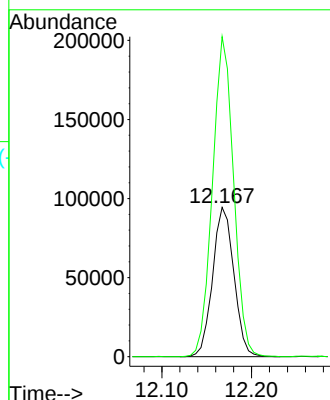
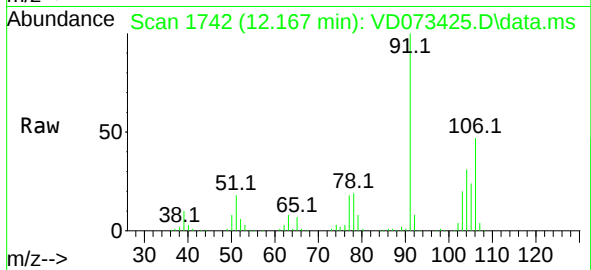




#69
o-Xylene
Concen: 21.339 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

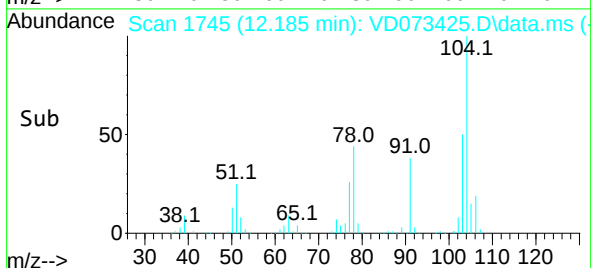
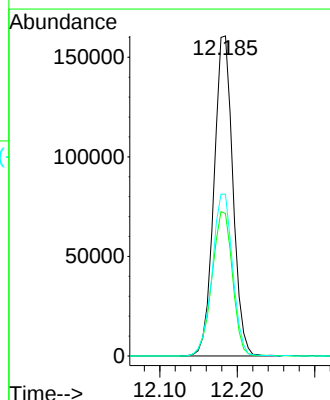
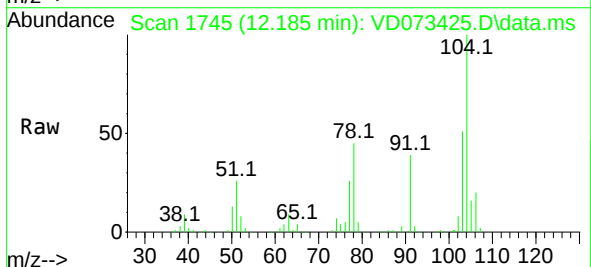
Instrument :
MSVOA_D
ClientSampleId :

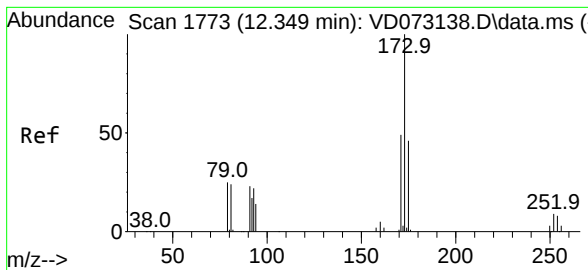
Tgt Ion:106 Resp: 155539
Ion Ratio Lower Upper
106 100
91 212.3 110.4 331.2



#70
Styrene
Concen: 21.760 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion:104 Resp: 272885
Ion Ratio Lower Upper
104 100
78 48.6 41.8 62.8
103 54.6 44.2 66.4

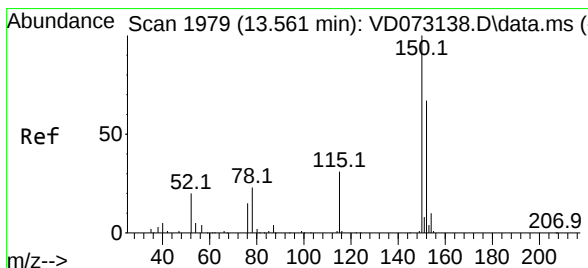
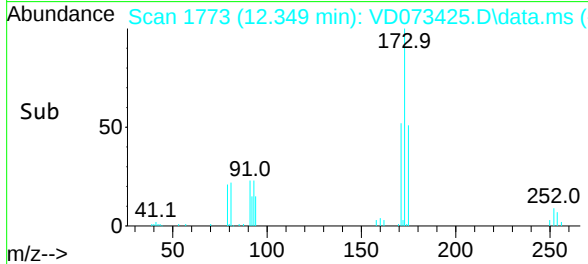
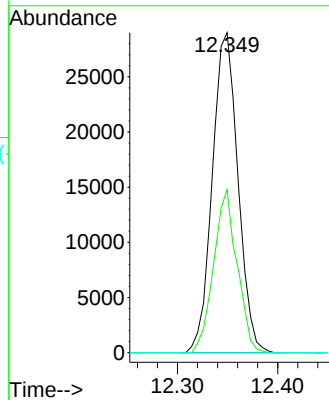
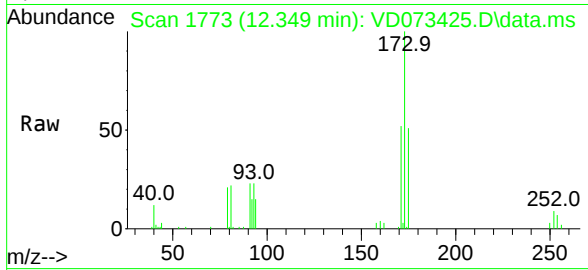




#71
Bromoform
Concen: 23.197 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

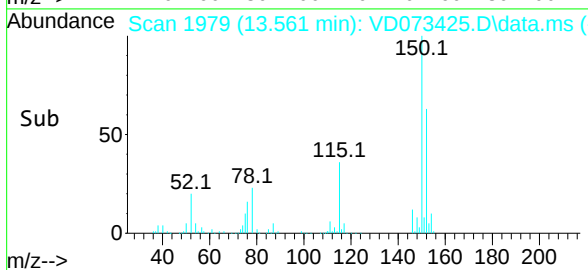
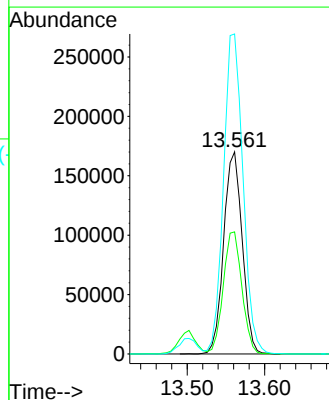
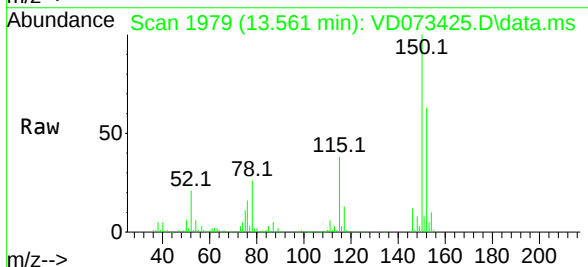
Instrument :
MSVOA_D
ClientSampleId :

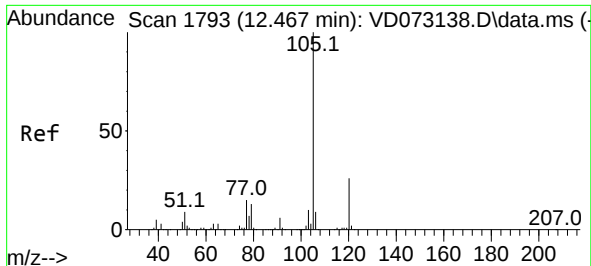
Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.5	23.9	71.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	31.3	93.8
150	166.3	0.0	348.6

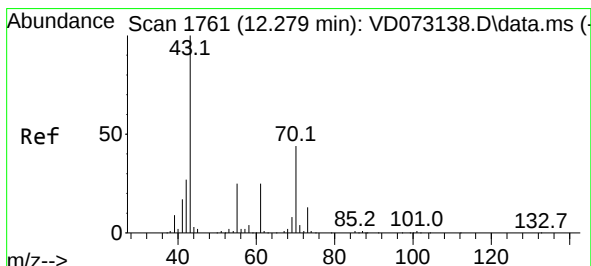
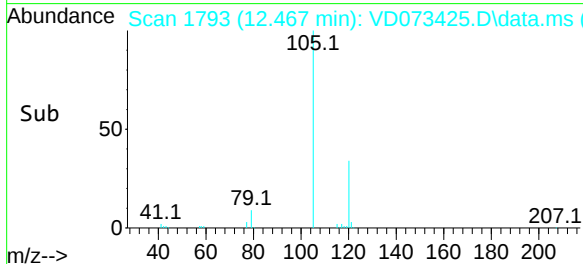
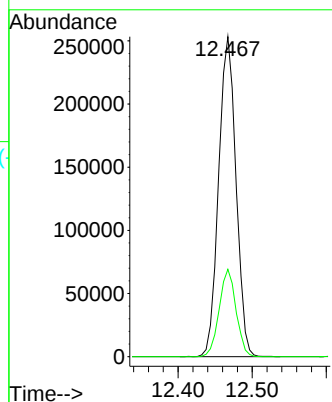
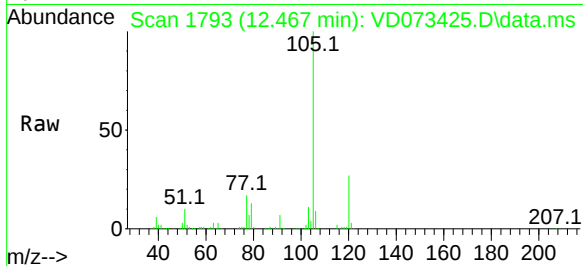




#73
Isopropylbenzene
Concen: 20.390 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

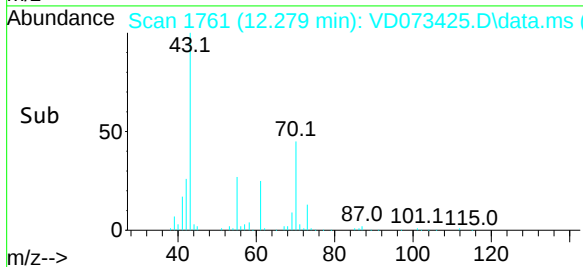
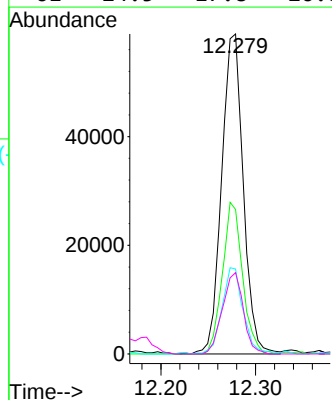
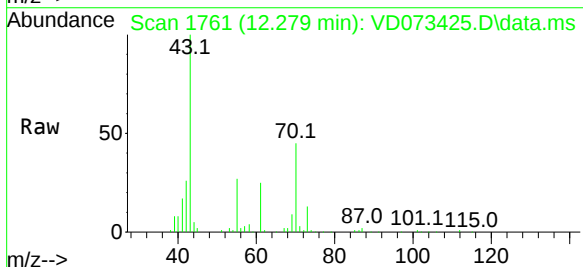
Instrument :
MSVOA_D
ClientSampleId :

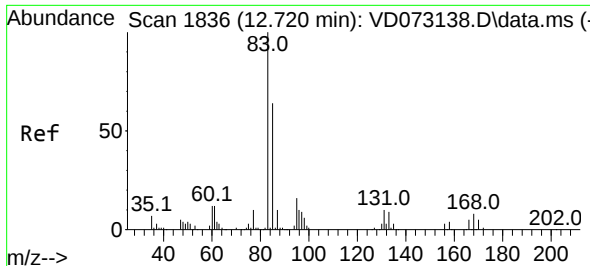
Tgt Ion:105 Resp: 411930
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9



#74
N-ethyl acetate
Concen: 21.220 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion: 43 Resp: 93523
Ion Ratio Lower Upper
43 100
70 44.2 31.3 46.9
55 26.5 20.0 30.0
61 24.5 17.8 26.8

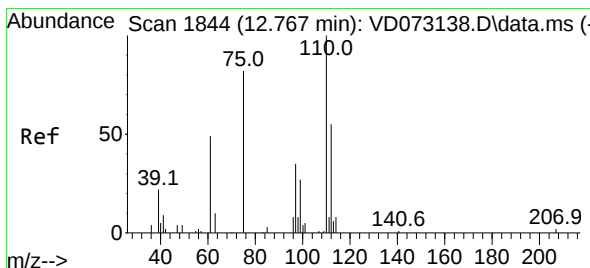
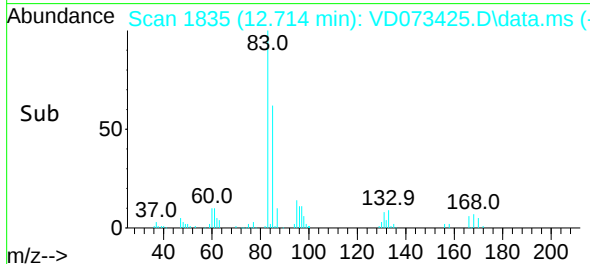
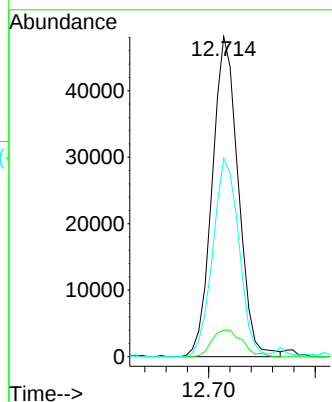
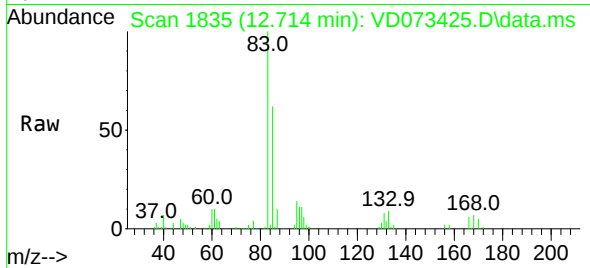




#75
1,1,2,2-Tetrachloroethane
Concen: 21.939 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

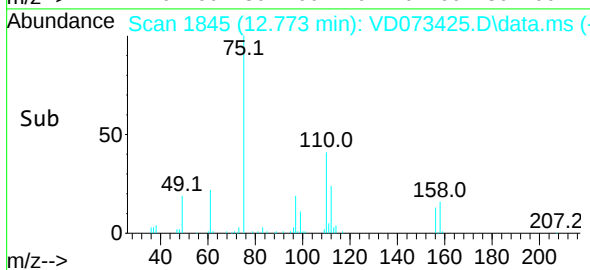
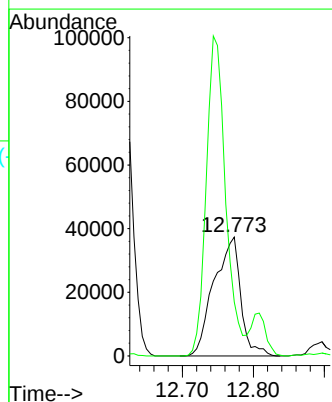
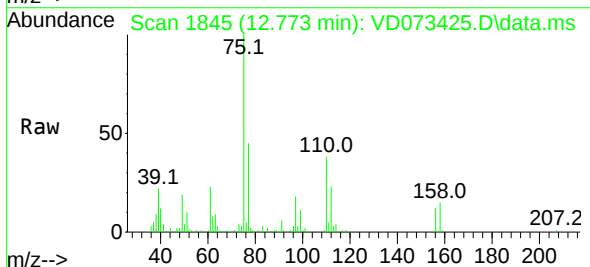
Instrument :
MSVOA_D
ClientSampleId :

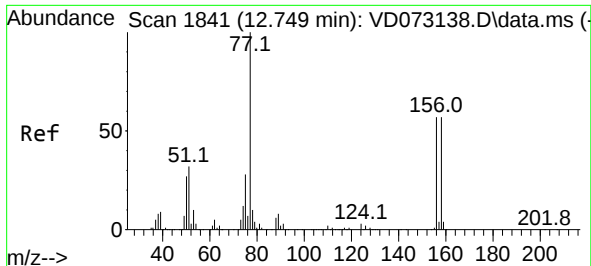
Tgt Ion: 83 Resp: 81745
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 62.2 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 35.259 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion: 75 Resp: 98040
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

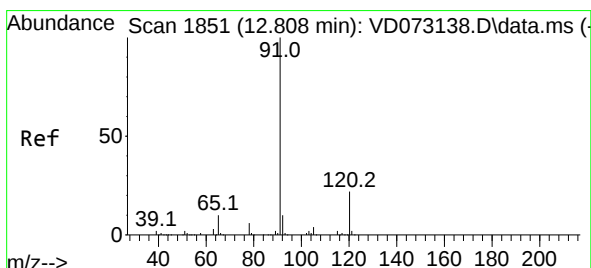
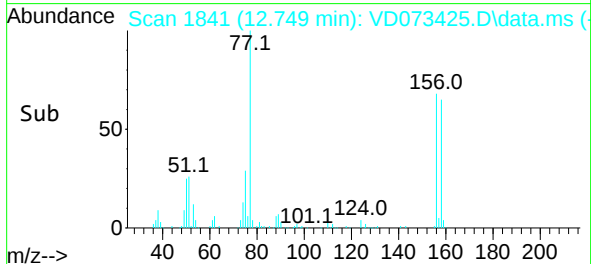
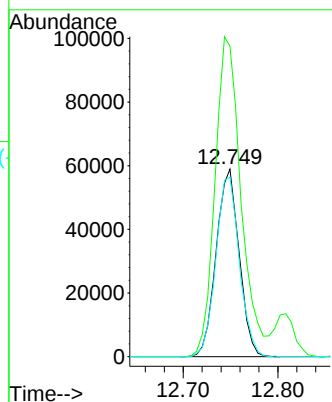
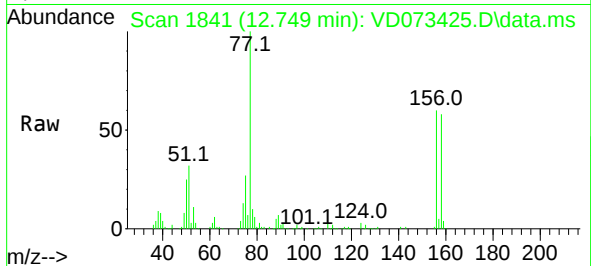




#77
Bromobenzene
Concen: 20.855 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

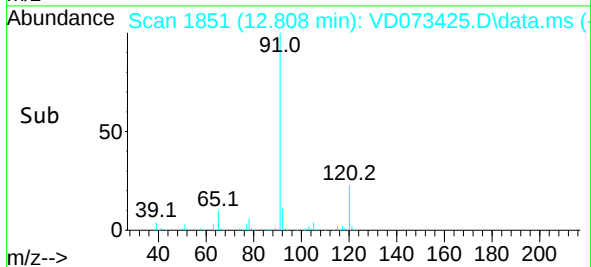
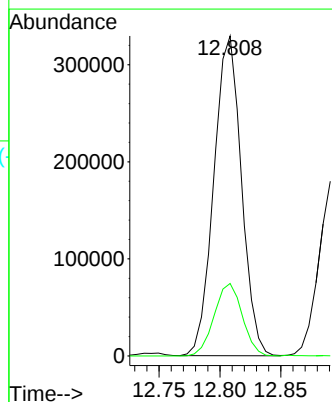
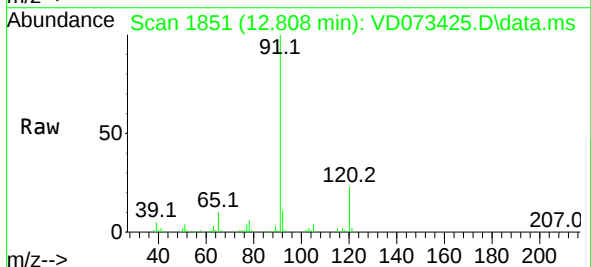
Instrument :
MSVOA_D
ClientSampleId :

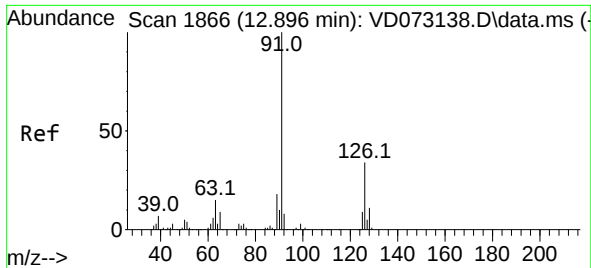
Tgt Ion:156 Resp: 99182
Ion Ratio Lower Upper
156 100
77 191.7 102.8 308.3
158 98.3 48.7 146.1



#78
n-propylbenzene
Concen: 20.491 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion: 91 Resp: 519708
Ion Ratio Lower Upper
91 100
120 23.1 10.9 32.9

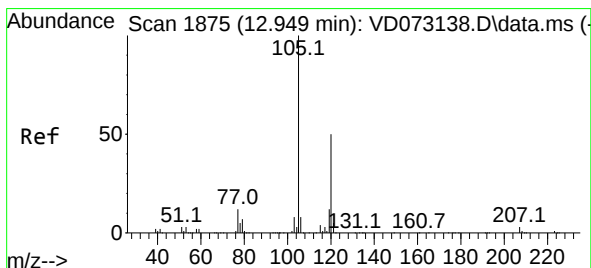
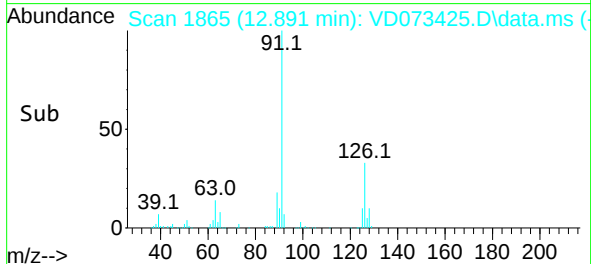
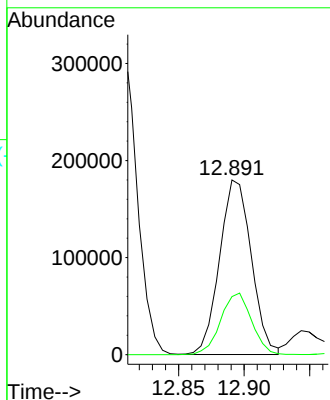
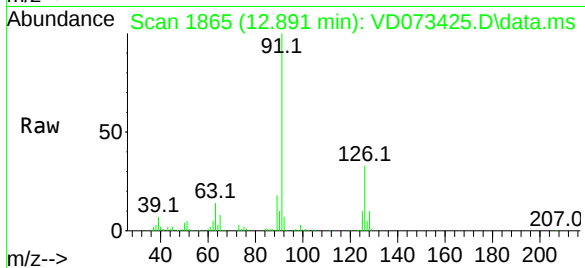




#79
2-Chlorotoluene
Concen: 20.717 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. -0.005 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

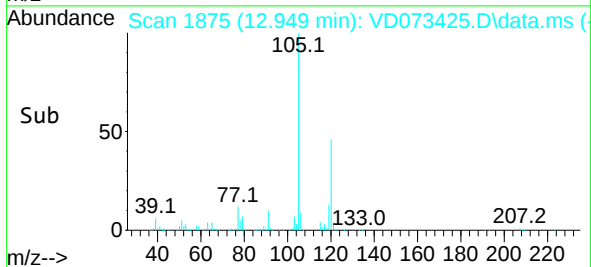
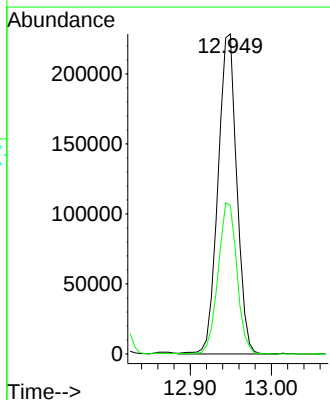
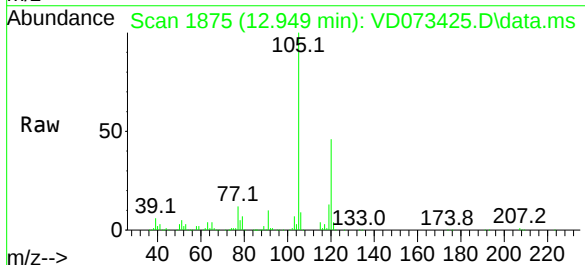
Instrument :
MSVOA_D
ClientSampleId :

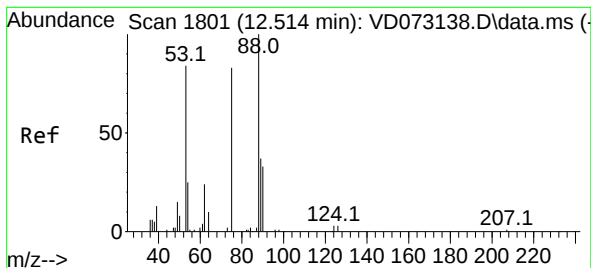
Tgt Ion: 91 Resp: 303383
Ion Ratio Lower Upper
91 100
126 34.5 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 21.504 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion: 105 Resp: 368019
Ion Ratio Lower Upper
105 100
120 47.3 24.3 72.8

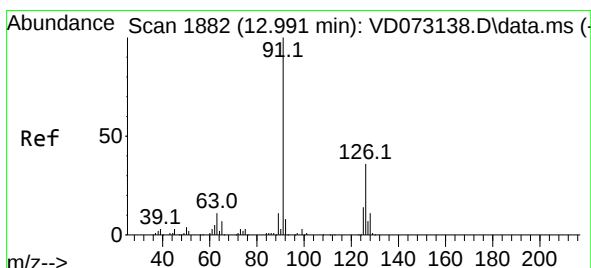
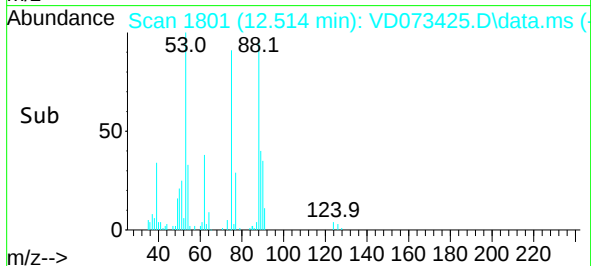
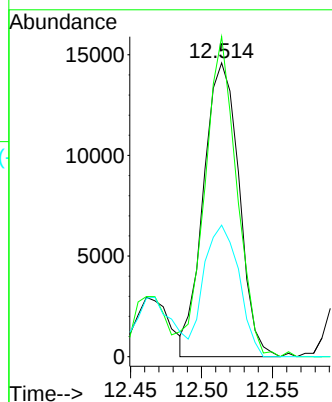
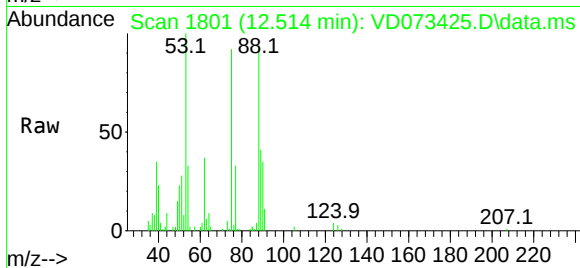




#81
trans-1,4-Dichloro-2-butene
Concen: 21.893 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

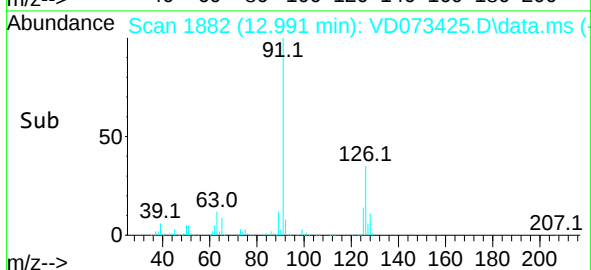
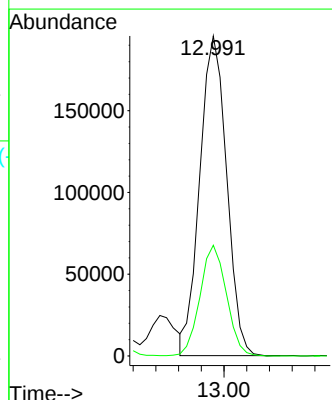
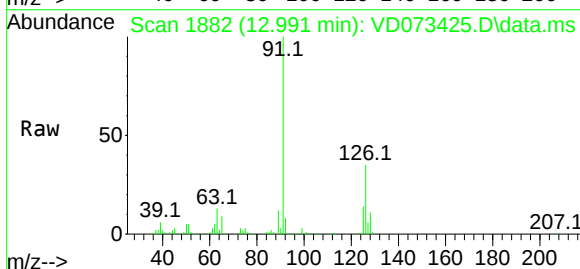
Instrument :
MSVOA_D
ClientSampleId :

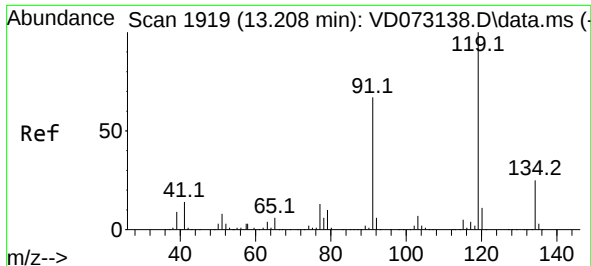
Tgt Ion: 75 Resp: 25357
Ion Ratio Lower Upper
75 100
53 98.9 86.5 129.7
89 44.1 33.9 50.9



#82
4-Chlorotoluene
Concen: 20.849 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

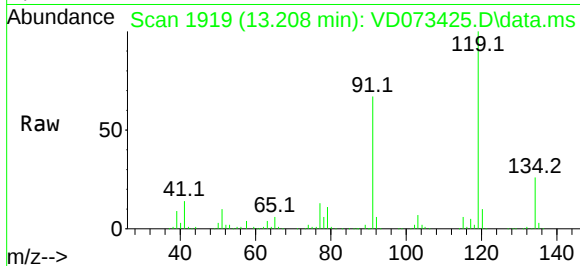
Tgt Ion: 91 Resp: 320027
Ion Ratio Lower Upper
91 100
126 34.1 16.5 49.5



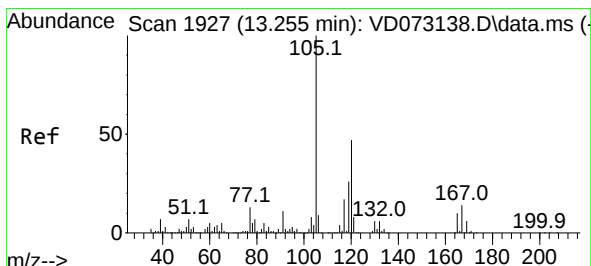
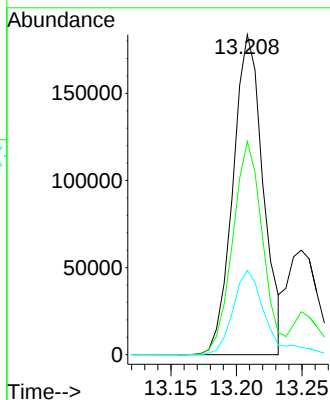
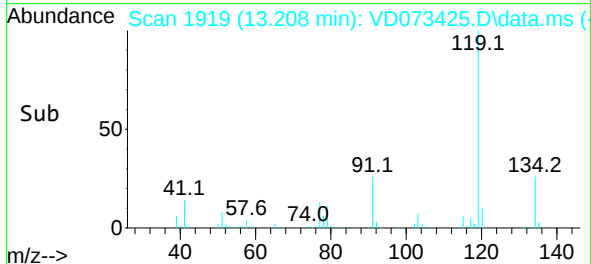


#83
tert-Butylbenzene
Concen: 20.474 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

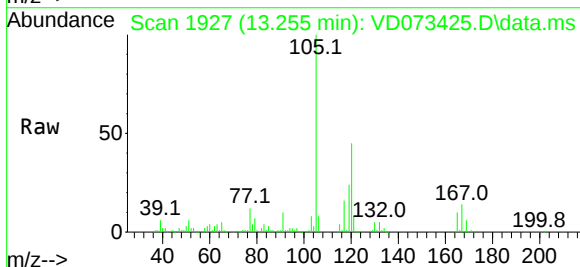
Instrument :
MSVOA_D
ClientSampleId :



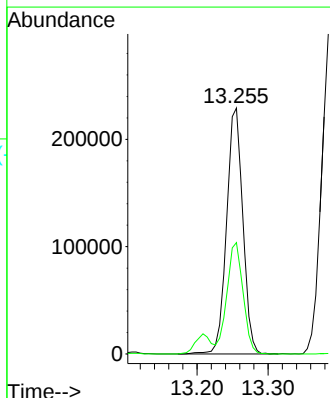
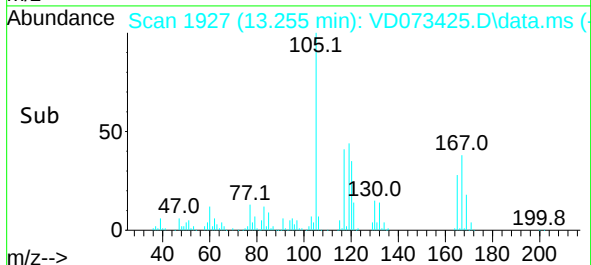
Tgt Ion:119 Resp: 295309
Ion Ratio Lower Upper
119 100
91 66.3 34.8 104.5
134 28.2 13.3 39.9

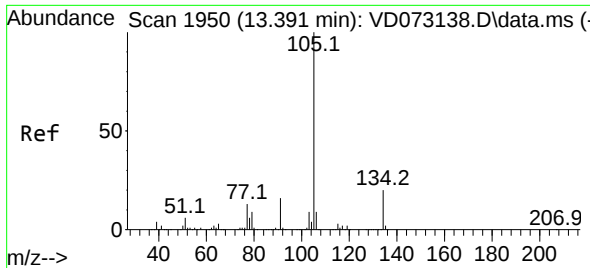


#84
1,2,4-Trimethylbenzene
Concen: 21.541 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12



Tgt Ion:105 Resp: 364184
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.8

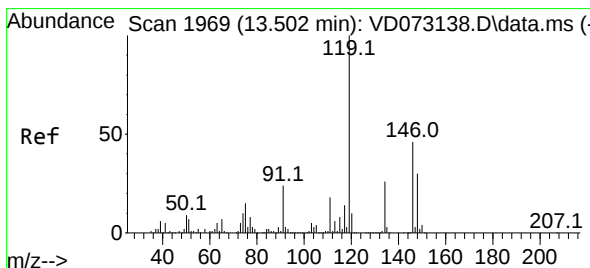
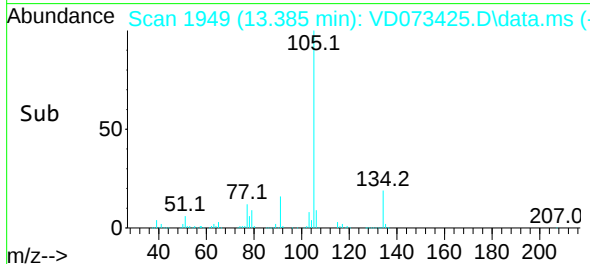
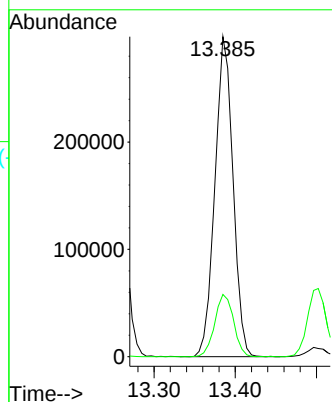
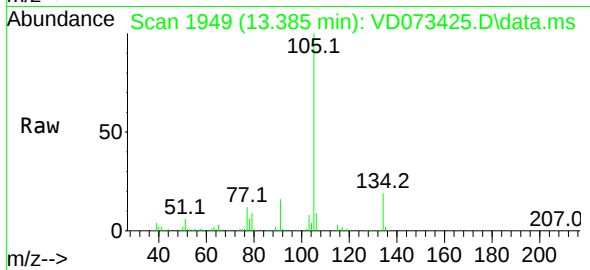




#85
 sec-Butylbenzene
 Concen: 20.977 ug/l
 RT: 13.385 min Scan# 1950
 Delta R.T. -0.006 min
 Lab File: VD073425.D
 Acq: 31 May 2022 15:12

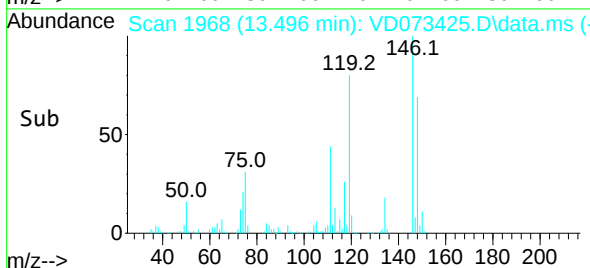
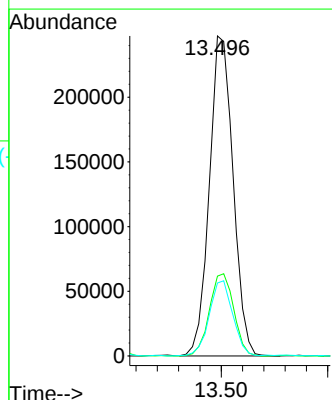
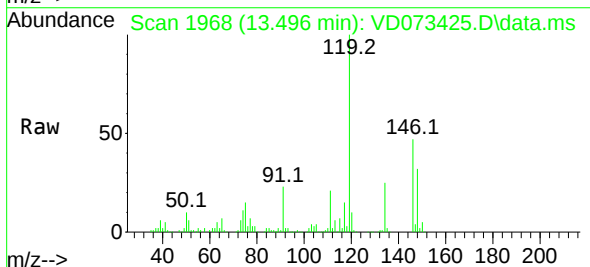
Instrument :
 MSVOA_D
 ClientSampleId :

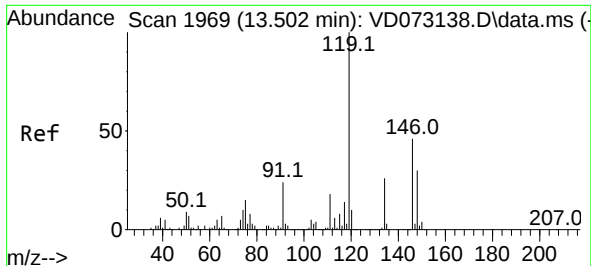
Tgt Ion:105 Resp: 461972
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 21.334 ug/l
 RT: 13.496 min Scan# 1968
 Delta R.T. -0.006 min
 Lab File: VD073425.D
 Acq: 31 May 2022 15:12

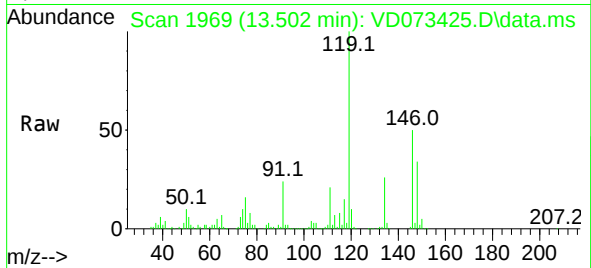
Tgt Ion:119 Resp: 382994
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 23.4 12.1 36.3



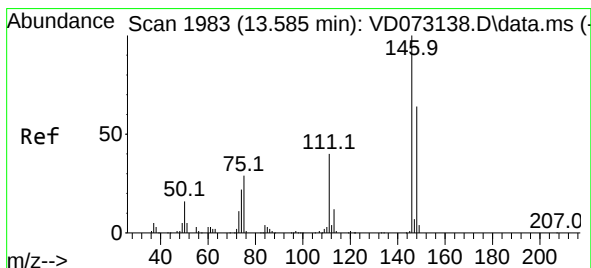
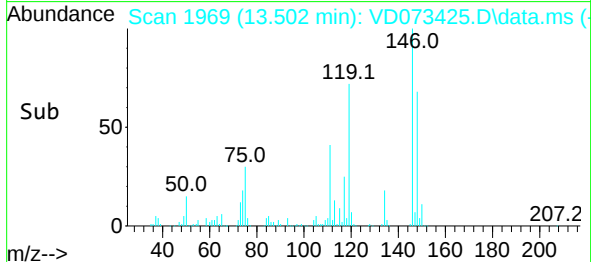
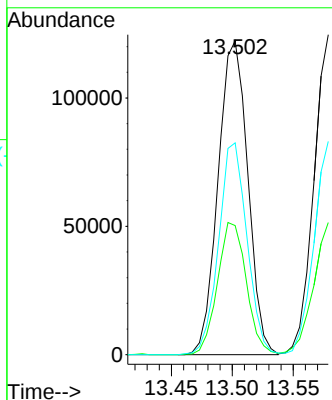


#87
1,3-Dichlorobenzene
Concen: 21.652 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Instrument :
MSVOA_D
ClientSampleId :

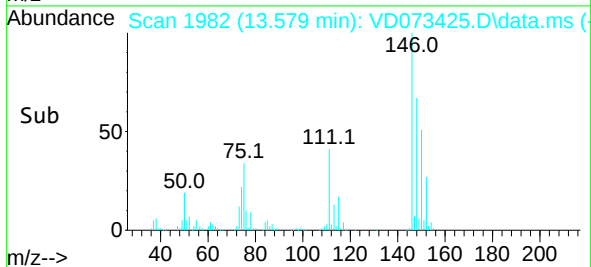
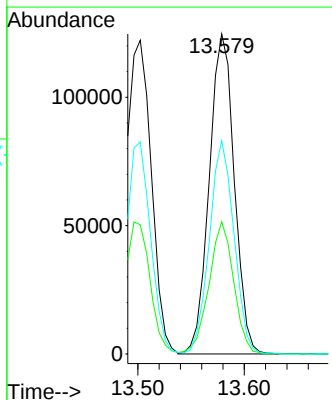
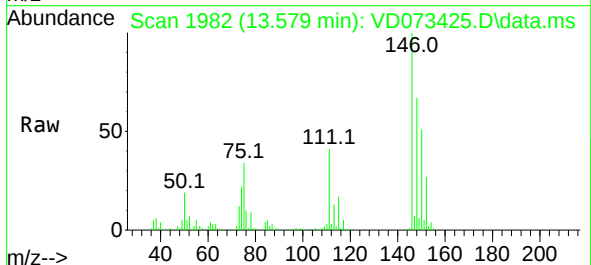


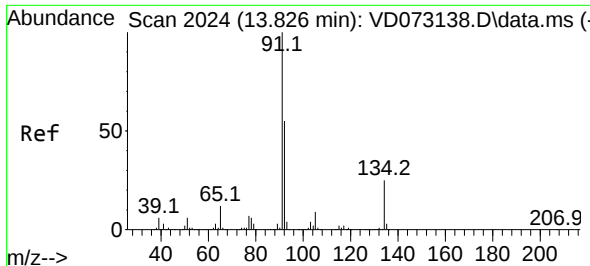
Tgt Ion:146 Resp: 207558
Ion Ratio Lower Upper
146 100
111 41.0 20.4 61.3
148 64.7 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 21.046 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion:146 Resp: 203651
Ion Ratio Lower Upper
146 100
111 40.9 20.3 60.9
148 65.6 31.7 95.1

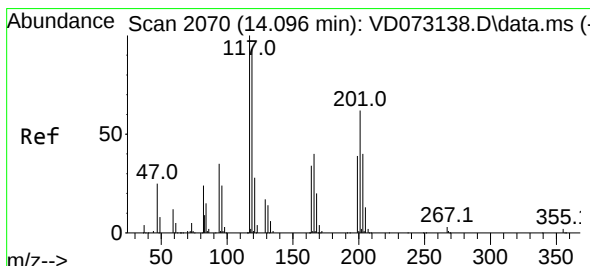
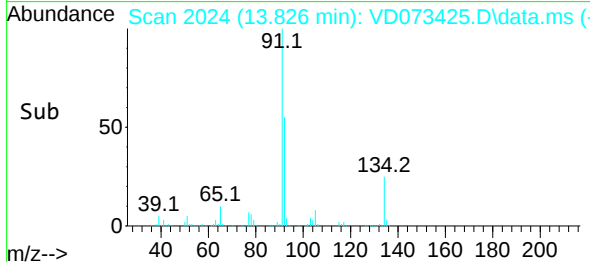
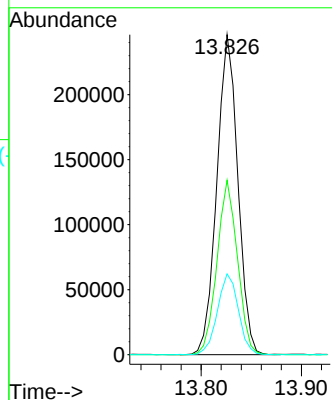
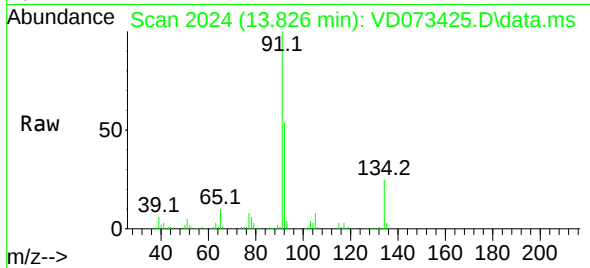




#89
n-Butylbenzene
Concen: 20.921 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

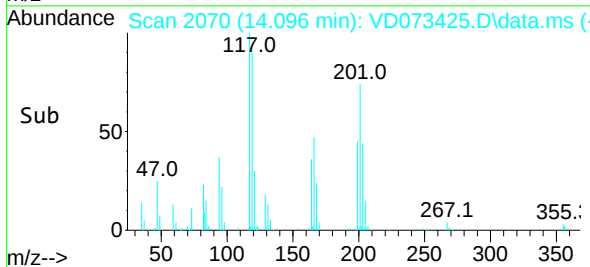
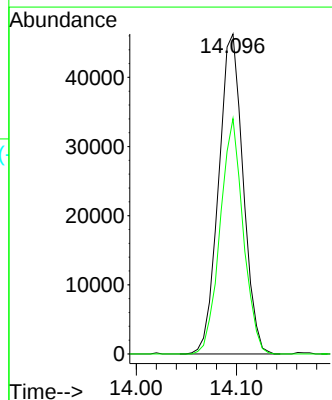
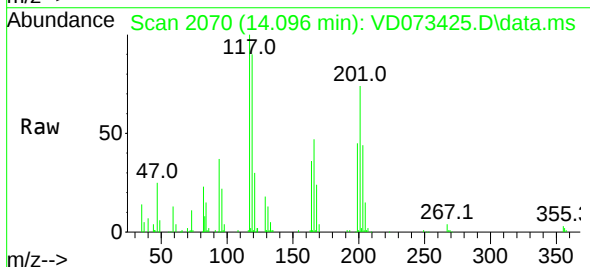
Instrument :
MSVOA_D
ClientSampleId :

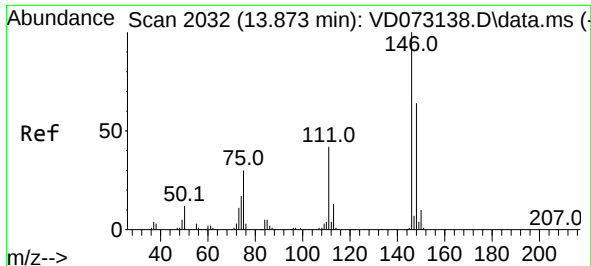
Tgt Ion: 91 Resp: 357861
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.8
134 25.2 12.3 36.9



#90
Hexachloroethane
Concen: 21.096 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073425.D
Acq: 31 May 2022 15:12

Tgt Ion: 117 Resp: 78363
Ion Ratio Lower Upper
117 100
201 69.3 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 21.774 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

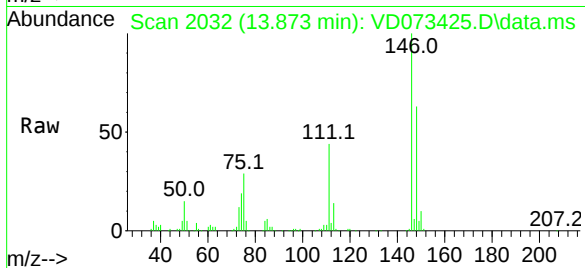
Lab File: VD073425.D

Acq: 31 May 2022 15:12

Instrument :

MSVOA_D

ClientSampleId :



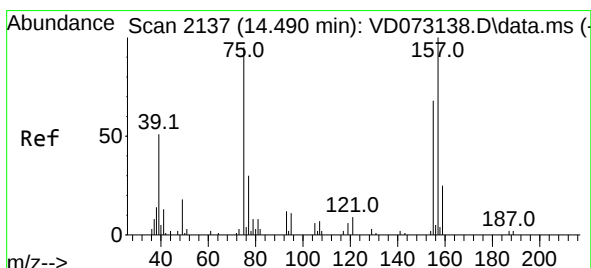
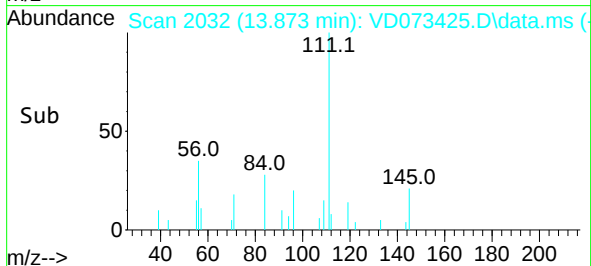
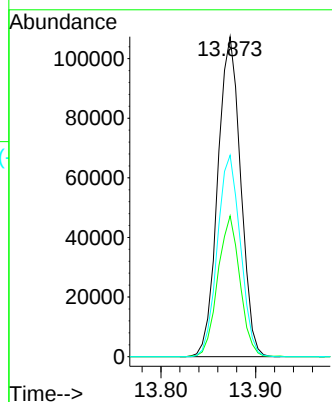
Tgt Ion:146 Resp: 180593

Ion Ratio Lower Upper

146 100

111 42.5 21.1 63.3

148 63.1 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.230 ug/l

RT: 14.485 min Scan# 2136

Delta R.T. -0.005 min

Lab File: VD073425.D

Acq: 31 May 2022 15:12

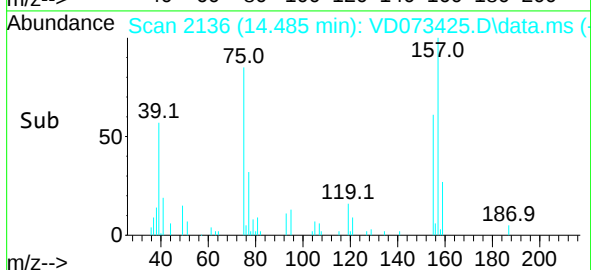
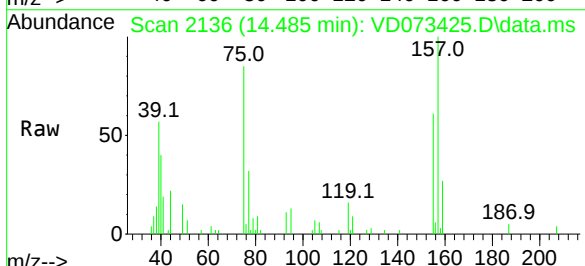
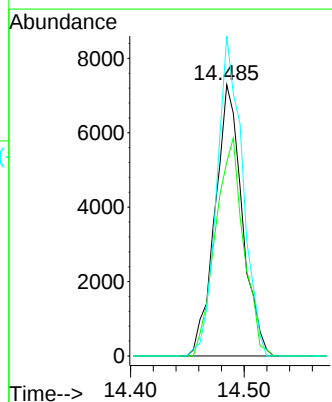
Tgt Ion: 75 Resp: 12114

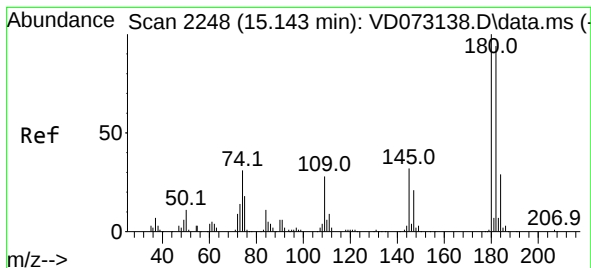
Ion Ratio Lower Upper

75 100

155 82.8 36.8 110.3

157 111.7 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 22.409 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

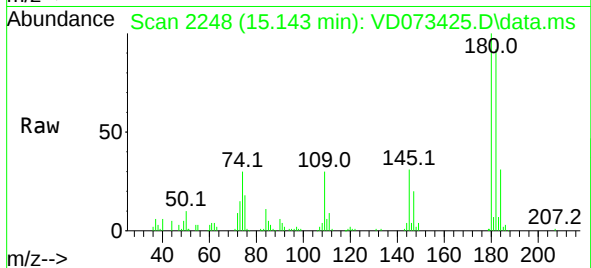
Lab File: VD073425.D

Acq: 31 May 2022 15:12

Instrument :

MSVOA_D

ClientSampleId :



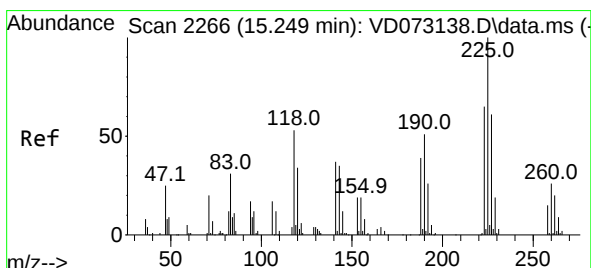
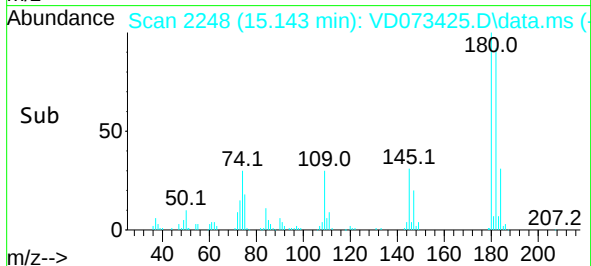
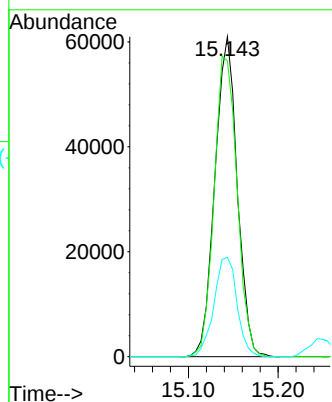
Tgt Ion:180 Resp: 105517

Ion Ratio Lower Upper

180 100

182 96.4 47.3 142.0

145 32.1 16.2 48.5



#94

Hexachlorobutadiene

Concen: 21.938 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073425.D

Acq: 31 May 2022 15:12

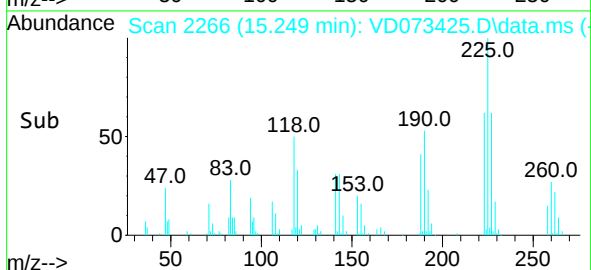
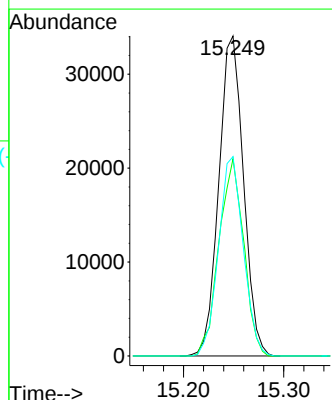
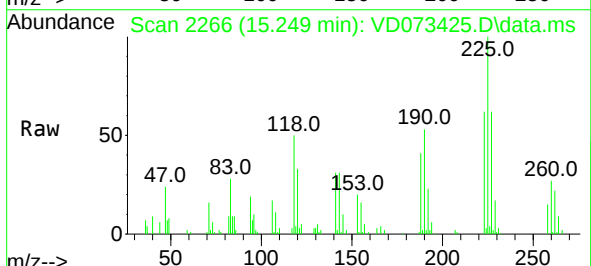
Tgt Ion:225 Resp: 58210

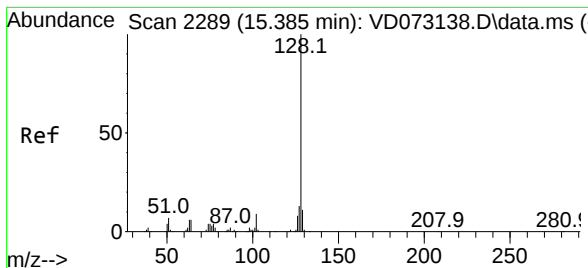
Ion Ratio Lower Upper

225 100

223 61.9 31.1 93.2

227 62.6 32.4 97.0





#95

Naphthalene

Concen: 22.410 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

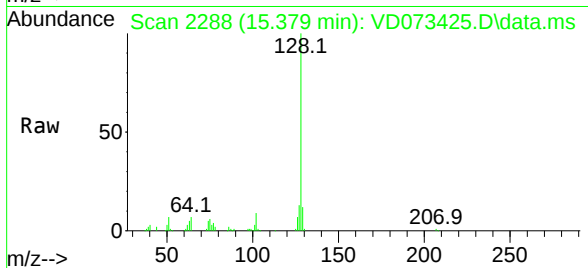
Lab File: VD073425.D

Acq: 31 May 2022 15:12

Instrument :

MSVOA_D

ClientSampleId :



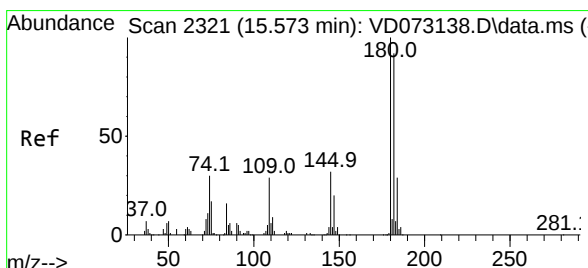
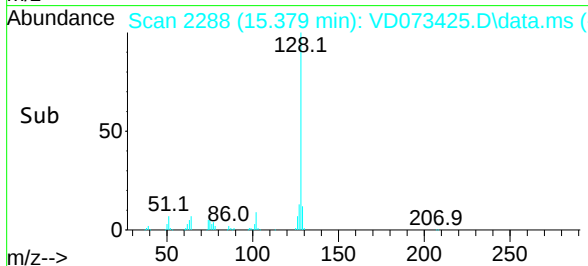
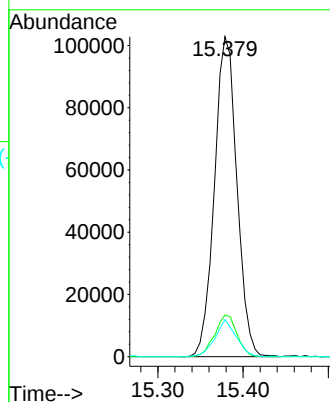
Tgt Ion:128 Resp: 188319

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 21.923 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073425.D

Acq: 31 May 2022 15:12

Tgt Ion:180 Resp: 91514

Ion Ratio Lower Upper

180 100

182 96.0 47.6 142.9

145 36.0 17.1 51.3

