

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073054.D
 Acq On : 17 May 2022 11:15
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: May 17 12:01:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 17 11:58:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	277319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	476779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	468585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	232073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	68756	19.123	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	38.240%#
35) Dibromofluoromethane	7.909	113	64802	19.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.620%#
50) Toluene-d8	10.332	98	232300	19.221	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	38.440%#
62) 4-Bromofluorobenzene	12.620	95	86976	19.448	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	38.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	75296	20.468	ug/l	94
3) Chloromethane	2.209	50	76052	19.628	ug/l	100
4) Vinyl Chloride	2.350	62	70638	20.373	ug/l	97
5) Bromomethane	2.750	94	47702	21.273	ug/l	91
6) Chloroethane	2.915	64	41376	19.016	ug/l	98
7) Trichlorofluoromethane	3.268	101	124136	20.253	ug/l	96
8) Diethyl Ether	3.709	74	33186	18.766	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	73088	20.091	ug/l	97
10) Methyl Iodide	4.297	142	68545	18.660	ug/l	99
11) Tert butyl alcohol	5.185	59	62351	194.441	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	64771	19.725	ug/l	87
13) Acrolein	3.926	56	33754	131.330	ug/l	98
14) Allyl chloride	4.709	41	101052	19.095	ug/l	90
15) Acrylonitrile	5.415	53	77072	91.394	ug/l	98
16) Acetone	4.156	43	62894	97.075	ug/l	99
17) Carbon Disulfide	4.409	76	224018	21.484	ug/l	98
18) Methyl Acetate	4.715	43	35914	19.380	ug/l	91
19) Methyl tert-butyl Ether	5.479	73	148187	18.799	ug/l	98
20) Methylene Chloride	4.962	84	91228	18.126	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	78691	20.743	ug/l	93
22) Diisopropyl ether	6.362	45	224597	19.283	ug/l	97
23) Vinyl Acetate	6.303	43	601076	93.434	ug/l	96
24) 1,1-Dichloroethane	6.262	63	137516	19.549	ug/l	99
25) 2-Butanone	7.203	43	95517	93.520	ug/l	93
26) 2,2-Dichloropropane	7.203	77	114823	19.437	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	84687	19.504	ug/l	93
28) Bromochloromethane	7.538	49	45325	17.619	ug/l	87
29) Tetrahydrofuran	7.562	42	60703	91.986	ug/l	94
30) Chloroform	7.703	83	146356	19.611	ug/l	94
31) Cyclohexane	7.979	56	126491	20.502	ug/l	90
32) 1,1,1-Trichloroethane	7.903	97	125360	19.771	ug/l	97
36) 1,1-Dichloropropene	8.109	75	107740	20.181	ug/l	97
37) Ethyl Acetate	7.291	43	44927	18.396	ug/l #	95
38) Carbon Tetrachloride	8.091	117	113053	20.350	ug/l	100
39) Methylcyclohexane	9.350	83	122369	19.671	ug/l	98
40) Benzene	8.344	78	312035	20.087	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.515	41	21767	15.188	ug/l #	81
42) 1,2-Dichloroethane	8.420	62	89231	19.111	ug/l	97
43) Isopropyl Acetate	8.444	43	82656	18.333	ug/l #	93
44) Trichloroethene	9.103	130	82183	19.848	ug/l	93
45) 1,2-Dichloropropane	9.379	63	79810	19.630	ug/l	95
46) Dibromomethane	9.473	93	44683	19.872	ug/l	98
47) Bromodichloromethane	9.656	83	112554	19.521	ug/l	99
48) Methyl methacrylate	9.450	41	42633	19.234	ug/l	90
49) 1,4-Dioxane	9.456	88	9237	364.212	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	219107	93.159	ug/l	97
52) Toluene	10.397	92	197328	20.379	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	100153	18.931	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	122954	19.923	ug/l	89
55) 1,1,2-Trichloroethane	10.791	97	60967	20.042	ug/l	96
56) Ethyl methacrylate	10.656	69	64317	18.095	ug/l #	88
57) 1,3-Dichloropropane	10.938	76	102674	19.633	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	141891	82.918	ug/l	98
59) 2-Hexanone	10.979	43	142165	90.910	ug/l	98
60) Dibromochloromethane	11.132	129	76246	19.901	ug/l	100
61) 1,2-Dibromoethane	11.238	107	57843	19.623	ug/l	100
64) Tetrachloroethene	10.867	164	71384	21.012	ug/l	97
65) Chlorobenzene	11.661	112	214083	19.979	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	81725	20.328	ug/l	98
67) Ethyl Benzene	11.732	91	362623	19.534	ug/l	98
68) m/p-Xylenes	11.844	106	292507	41.012	ug/l	100
69) o-Xylene	12.173	106	133144	19.985	ug/l	94
70) Styrene	12.185	104	233924	20.188	ug/l	96
71) Bromoform	12.350	173	42144	19.246	ug/l #	99
73) Isopropylbenzene	12.467	105	344298	19.284	ug/l	100
74) N-amyl acetate	12.273	43	77941	17.601	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	69209	19.081	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	87050	34.043	ug/l #	100
77) Bromobenzene	12.750	156	82817	19.432	ug/l	93
78) n-propylbenzene	12.808	91	444845	19.780	ug/l	100
79) 2-Chlorotoluene	12.897	91	258072	19.577	ug/l	97
80) 1,3,5-Trimethylbenzene	12.950	105	303523	20.070	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	21010	18.828	ug/l	87
82) 4-Chlorotoluene	12.991	91	272103	19.770	ug/l	99
83) tert-Butylbenzene	13.214	119	250689	19.504	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	303396	20.021	ug/l	99
85) sec-Butylbenzene	13.391	105	385154	19.879	ug/l	99
86) p-Isopropyltoluene	13.502	119	313439	19.707	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	173866	20.167	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	168931	19.724	ug/l	98
89) n-Butylbenzene	13.826	91	302595	19.660	ug/l	98
90) Hexachloroethane	14.097	117	65729	20.125	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	151097	20.183	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11289	19.761	ug/l	95
93) 1,2,4-Trichlorobenzene	15.144	180	86292	19.596	ug/l	98
94) Hexachlorobutadiene	15.249	225	46958	19.480	ug/l	97
95) Naphthalene	15.379	128	145879	18.042	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	73692	18.893	ug/l	99

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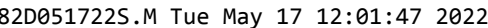
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

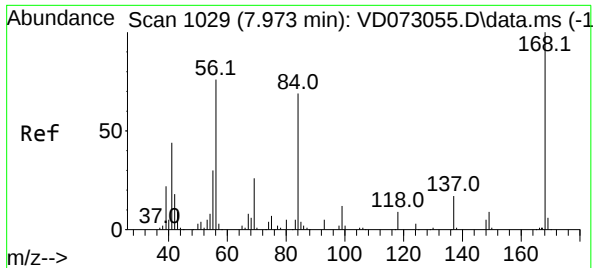
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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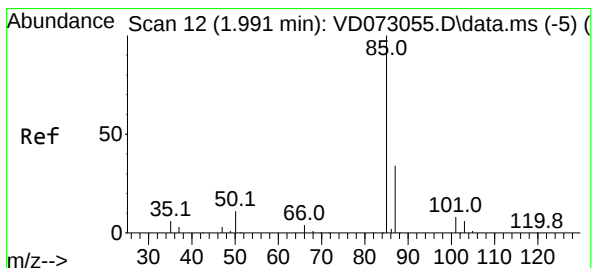
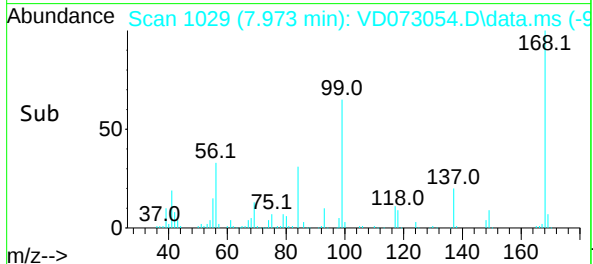
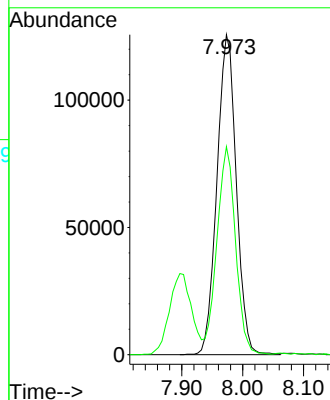
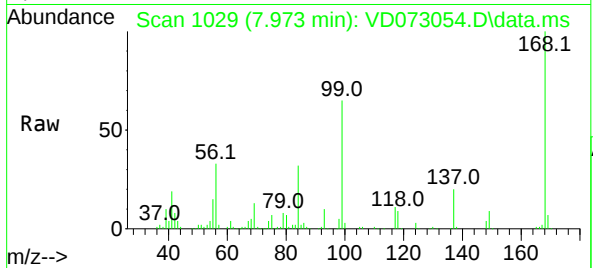




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073054.D
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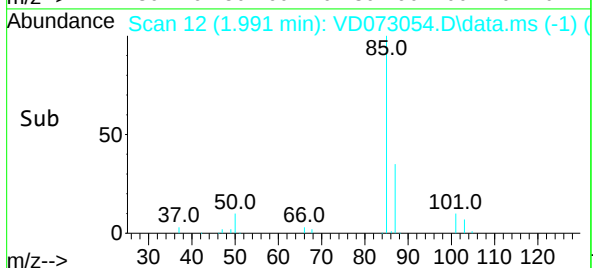
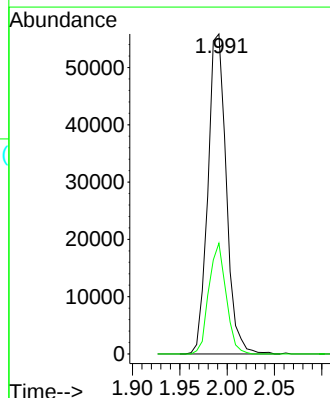
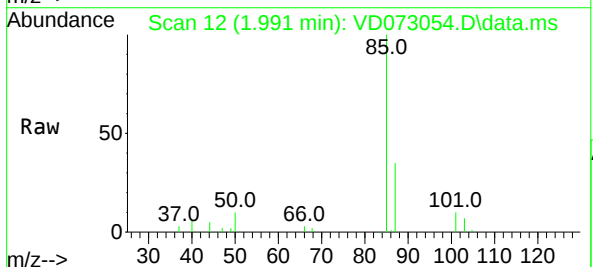
Instrument :
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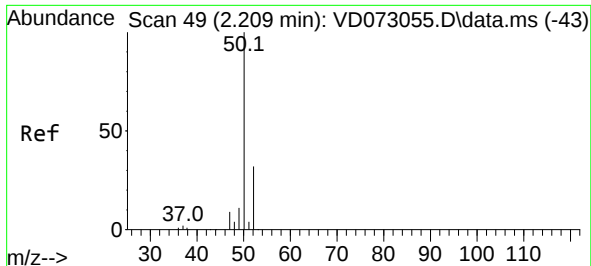
Tgt Ion:168 Resp: 277319
Ion Ratio Lower Upper
168 100
99 64.5 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 20.468 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 85 Resp: 75296
Ion Ratio Lower Upper
85 100
87 34.6 15.7 47.0

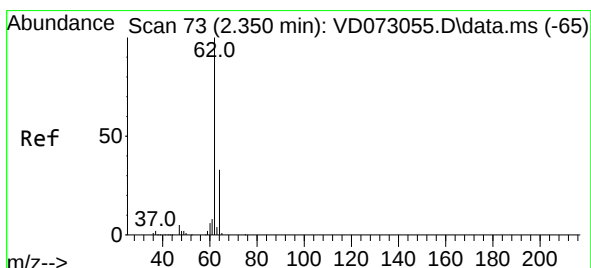
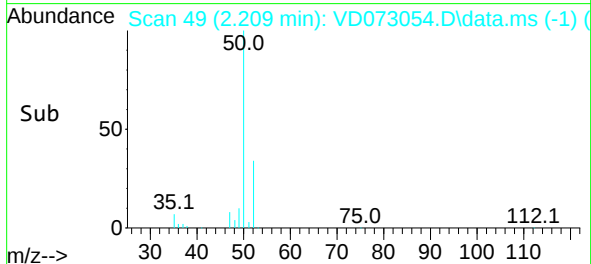
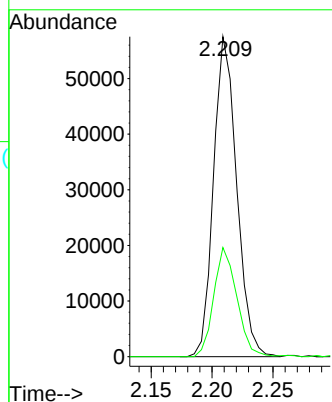
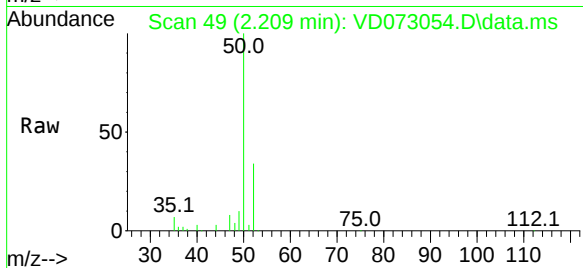




#3
Chloromethane
Concen: 19.628 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

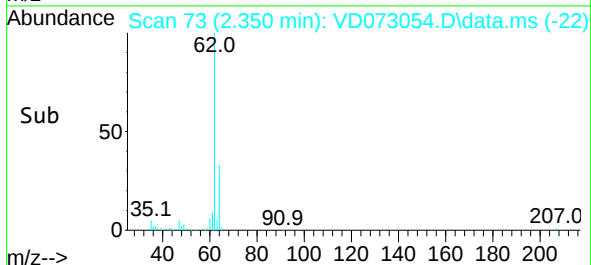
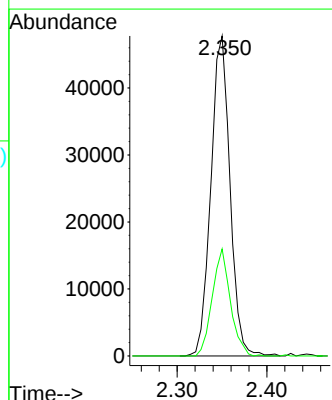
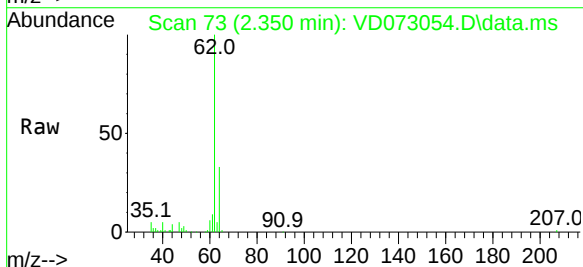
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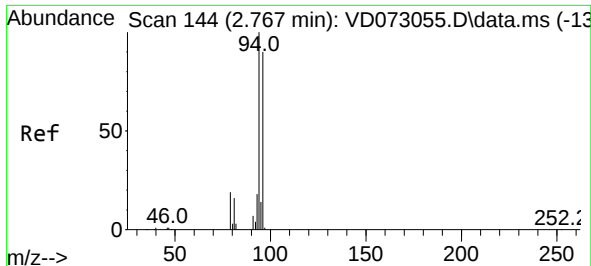
Tgt Ion: 50 Resp: 76052
Ion Ratio Lower Upper
50 100
52 34.1 27.4 41.0



#4
Vinyl Chloride
Concen: 20.373 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 62 Resp: 70638
Ion Ratio Lower Upper
62 100
64 33.5 25.4 38.0

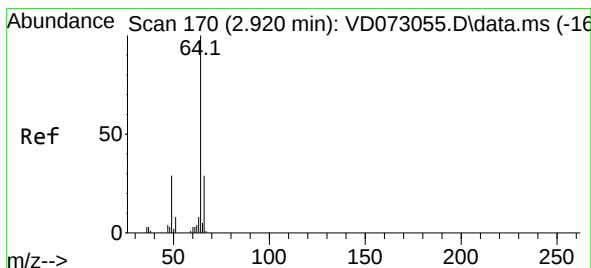
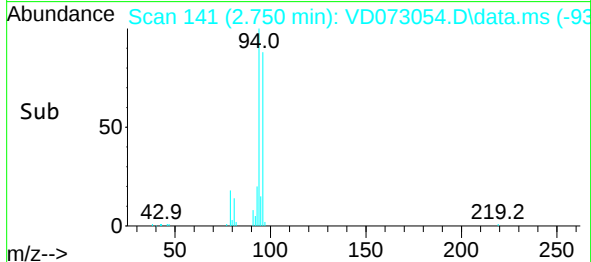
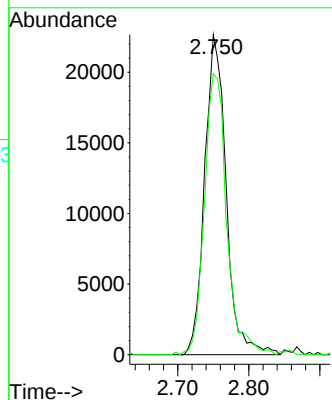
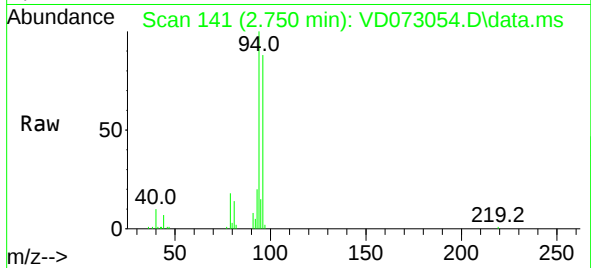




#5
Bromomethane
Concen: 21.273 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.017 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

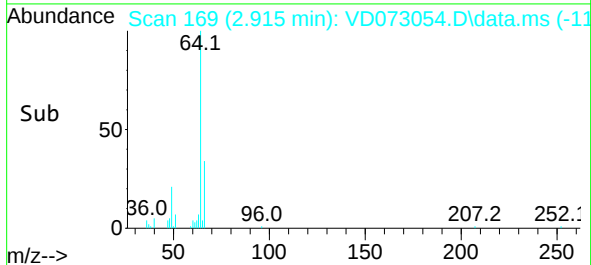
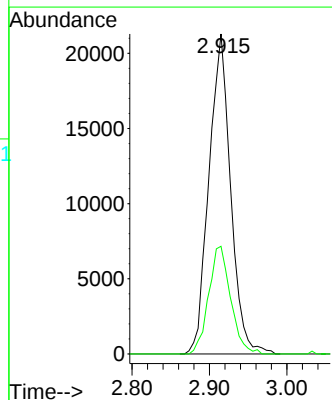
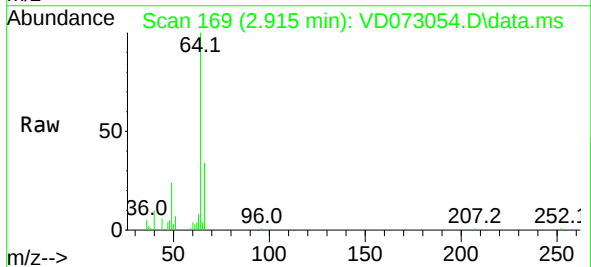
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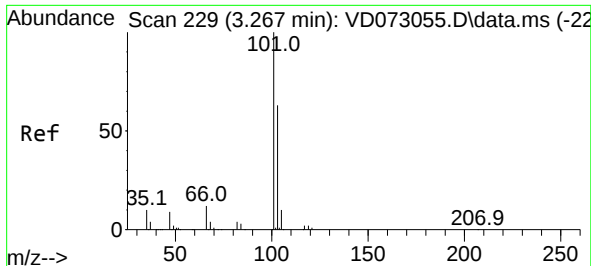
Tgt Ion: 94 Resp: 47702
Ion Ratio Lower Upper
94 100
96 87.8 77.6 116.4



#6
Chloroethane
Concen: 19.016 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 64 Resp: 41376
Ion Ratio Lower Upper
64 100
66 33.7 25.9 38.9

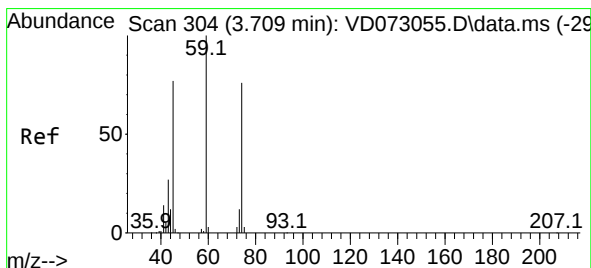
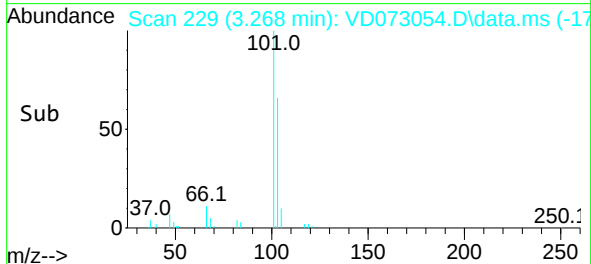
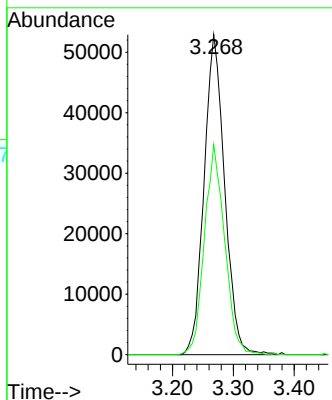
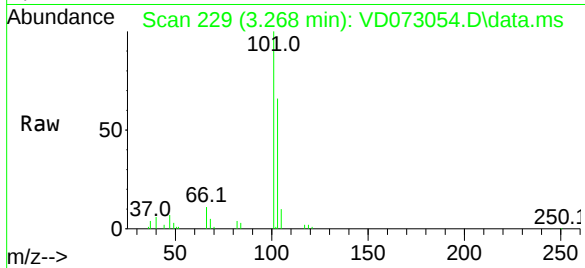




#7
 Trichlorofluoromethane
 Concen: 20.253 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073054.D
 Acq: 17 May 2022 11:15

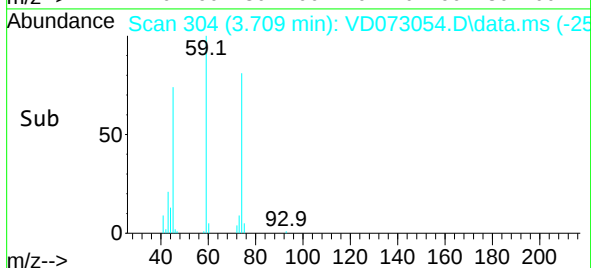
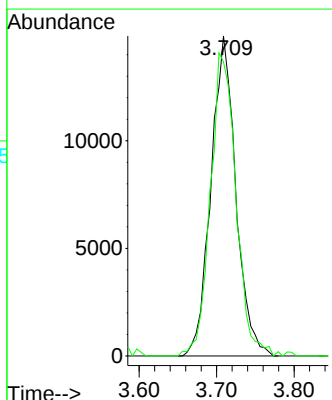
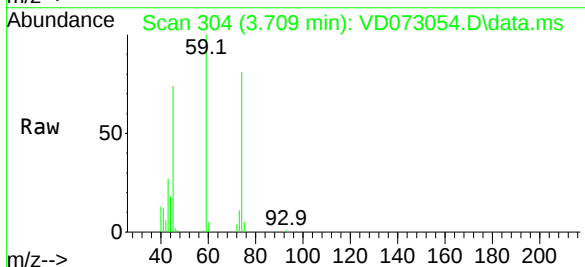
Instrument :
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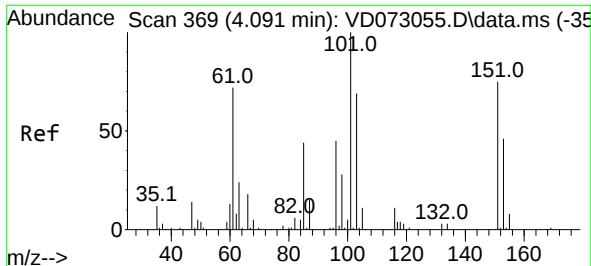
Tgt Ion:101 Resp: 124136
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.1 75.1



#8
 Diethyl Ether
 Concen: 18.766 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.000 min
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 Acq: 17 May 2022 11:15

Tgt Ion: 74 Resp: 33186
 Ion Ratio Lower Upper
 74 100
 45 97.3 52.6 157.8

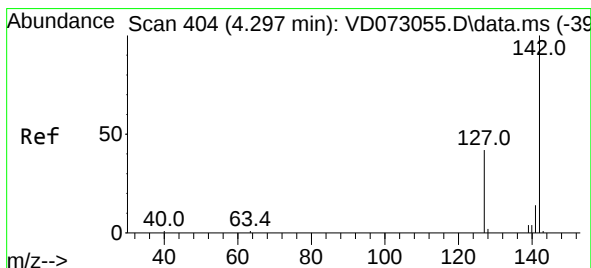
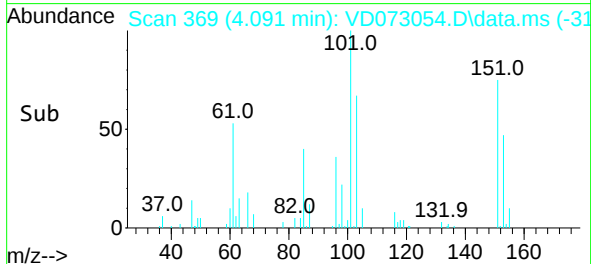
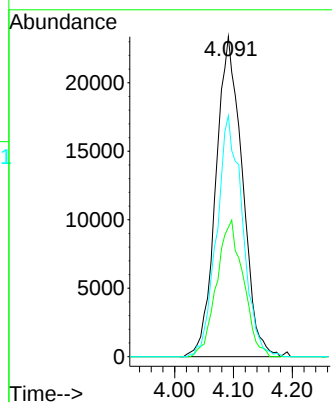
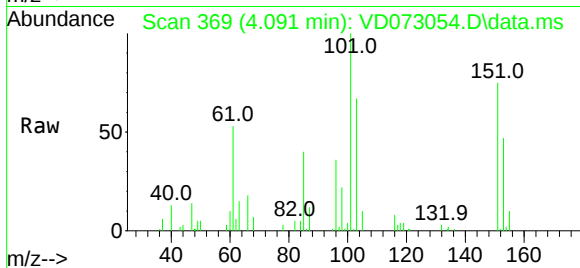




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.091 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

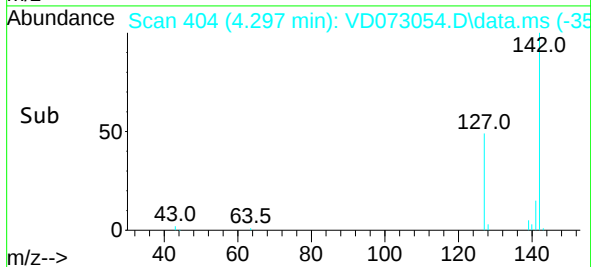
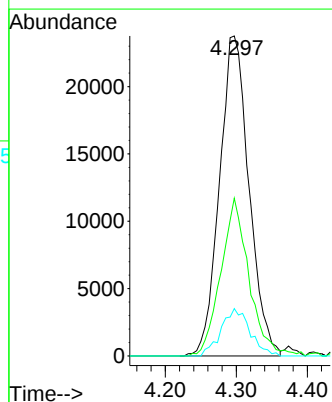
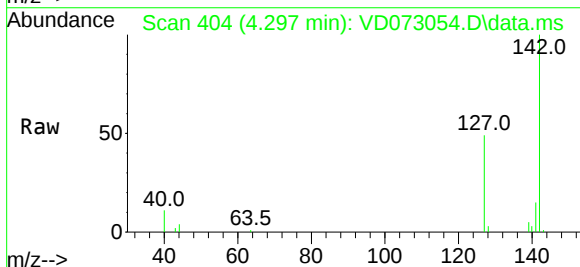
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

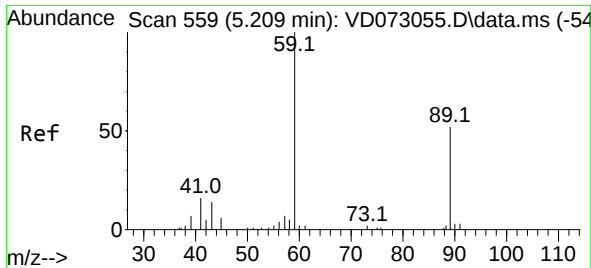
Tgt Ion:101 Resp: 73088
Ion Ratio Lower Upper
101 100
85 42.9 36.4 54.6
151 73.4 57.3 85.9



#10
Methyl Iodide
Concen: 18.660 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion:142 Resp: 68545
Ion Ratio Lower Upper
142 100
127 47.3 37.3 55.9
141 14.5 11.7 17.5

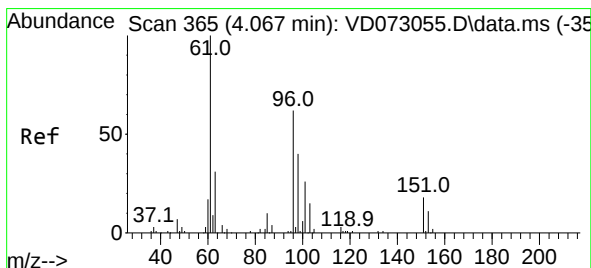
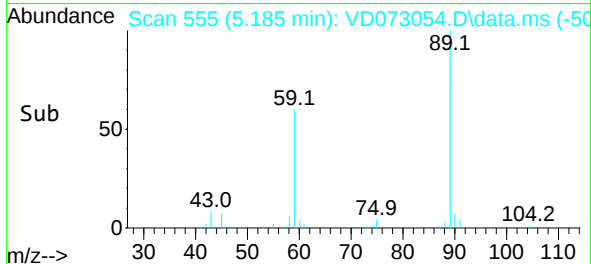
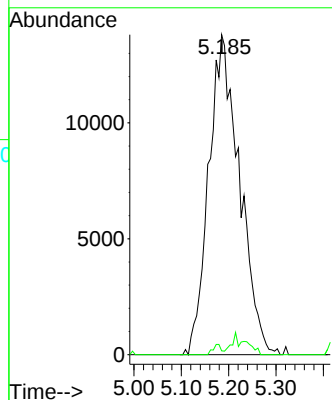
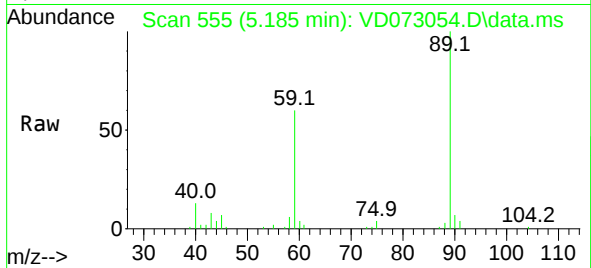




#11
Tert butyl alcohol
Concen: 194.441 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.023 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

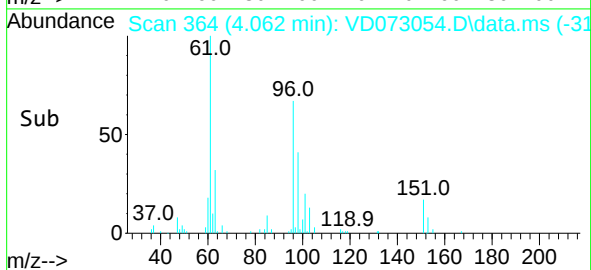
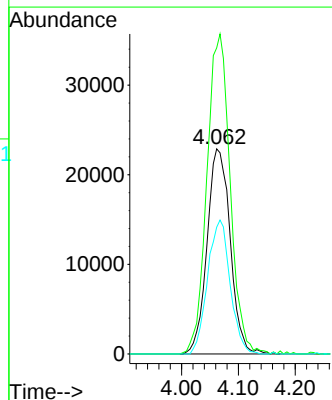
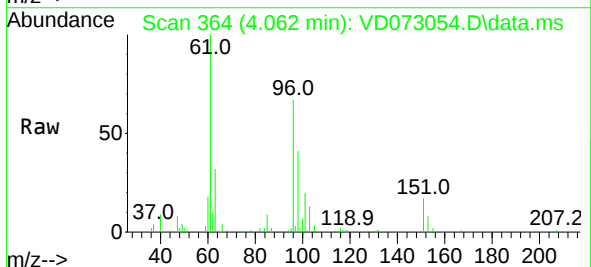
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

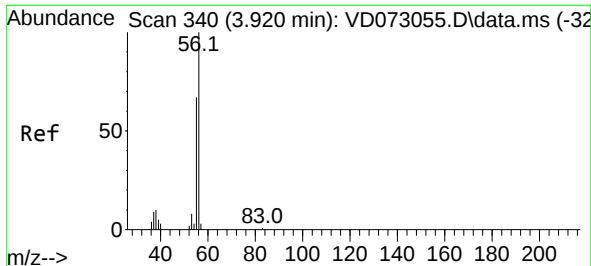
Tgt Ion: 59 Resp: 62351
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 19.725 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 96 Resp: 64771
Ion Ratio Lower Upper
96 100
61 149.2 138.5 207.7
98 61.7 48.6 73.0





#13

Acrolein

Concen: 131.330 ug/l

RT: 3.926 min Scan# 340

Delta R.T. 0.006 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

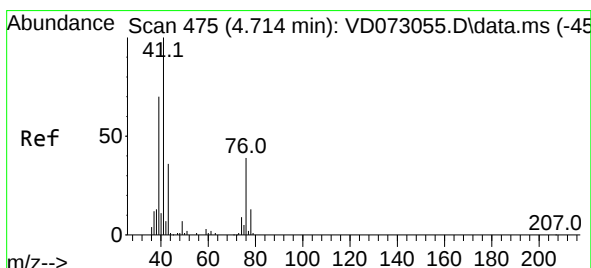
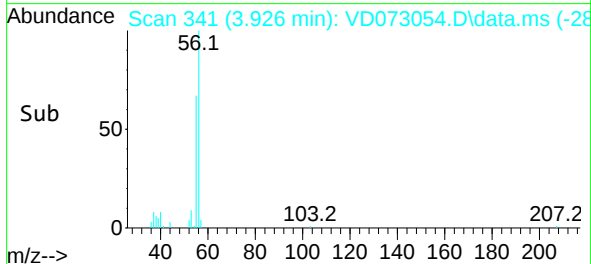
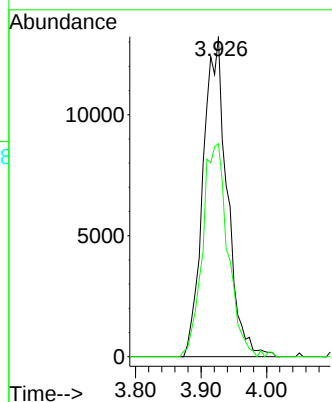
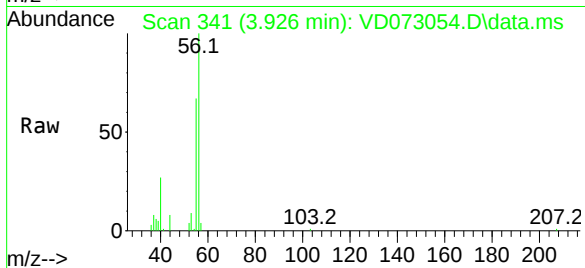
VSTDICC020

Tgt Ion: 56 Resp: 33754

Ion Ratio Lower Upper

56 100

55 69.9 57.1 85.7



#14

Allyl chloride

Concen: 19.095 ug/l

RT: 4.709 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

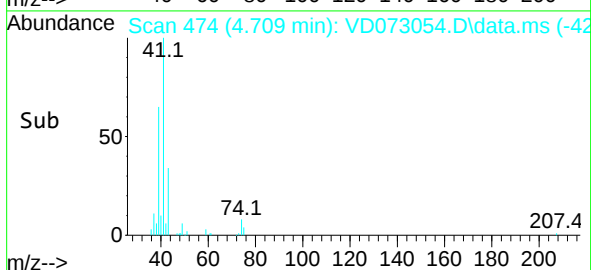
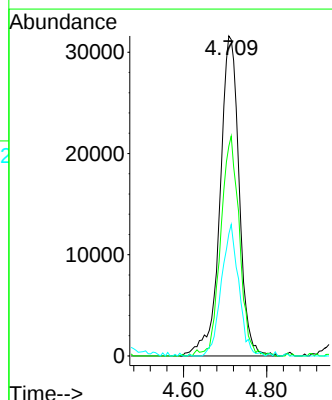
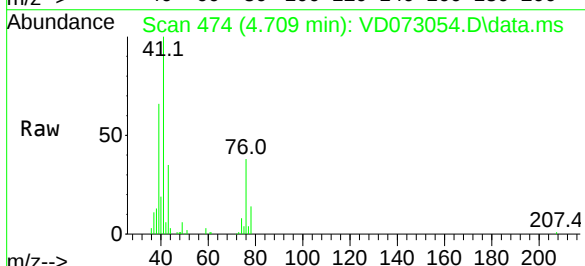
Tgt Ion: 41 Resp: 101052

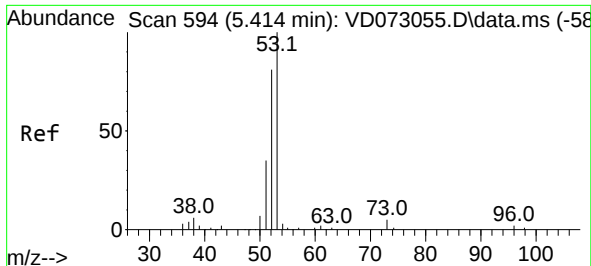
Ion Ratio Lower Upper

41 100

39 65.1 59.3 88.9

76 37.5 25.7 38.5

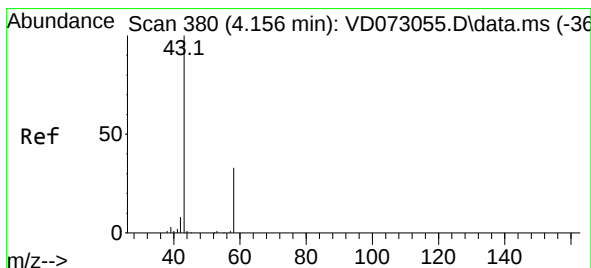
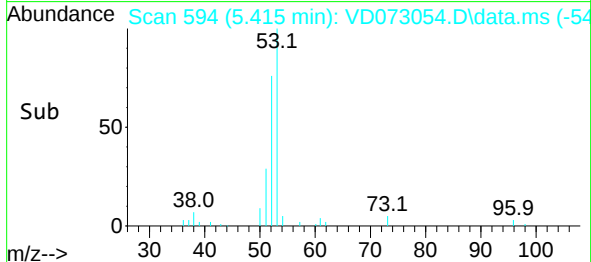
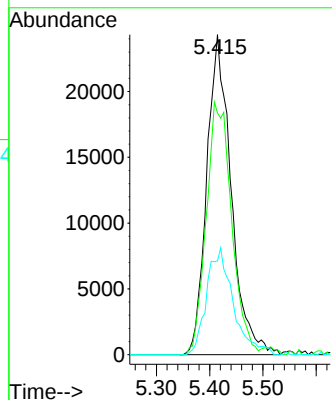
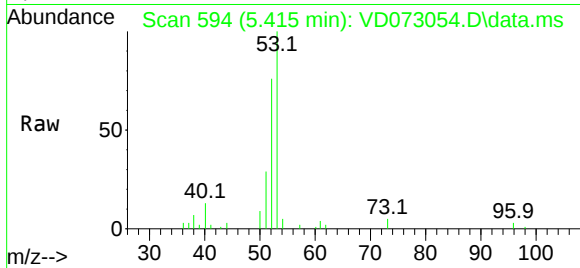




#15
Acrylonitrile
Concen: 91.394 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

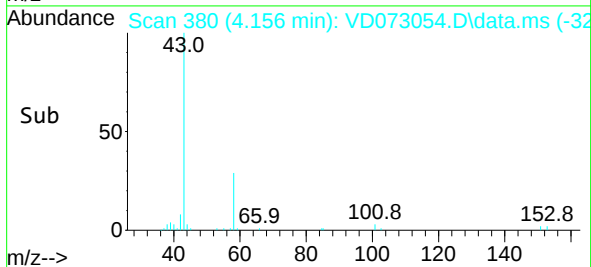
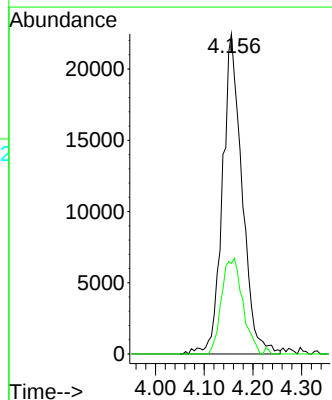
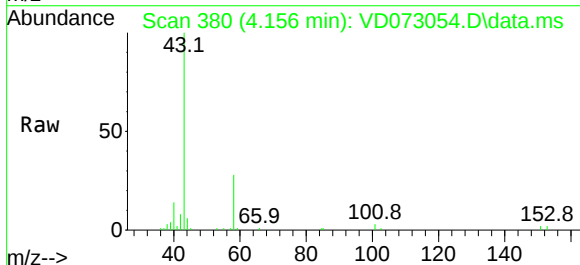
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

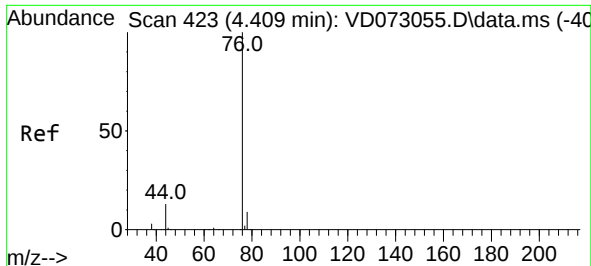
Tgt Ion: 53 Resp: 77072
Ion Ratio Lower Upper
53 100
52 82.1 67.2 100.8
51 36.4 30.3 45.5



#16
Acetone
Concen: 97.075 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 43 Resp: 62894
Ion Ratio Lower Upper
43 100
58 28.3 22.1 33.1

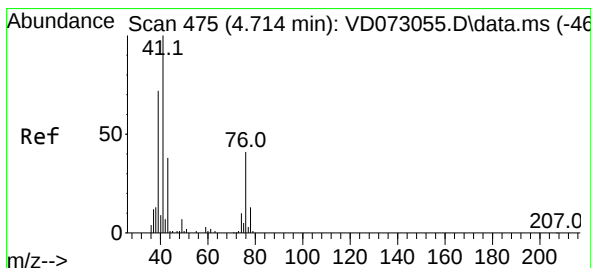
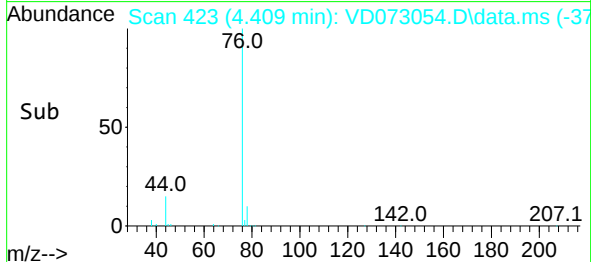
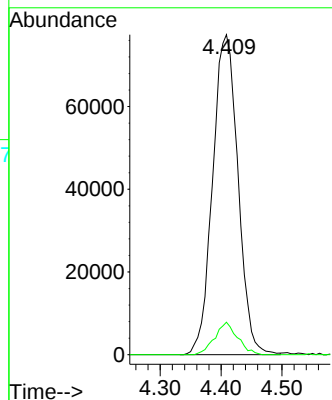
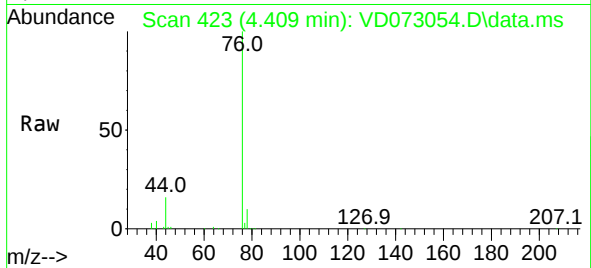




#17
Carbon Disulfide
Concen: 21.484 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

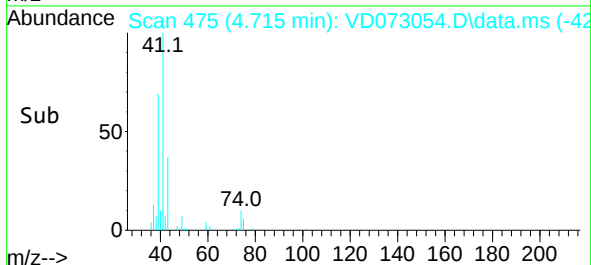
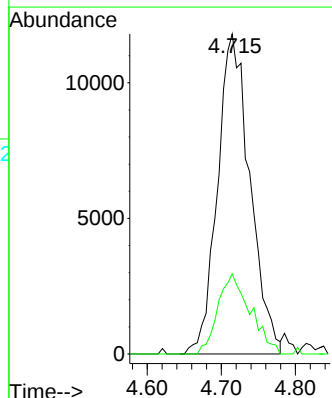
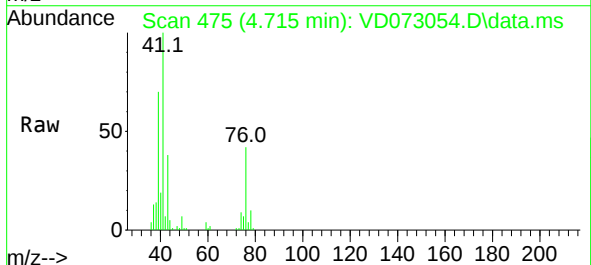
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

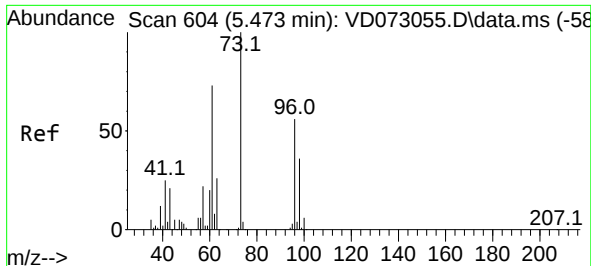
Tgt Ion: 76 Resp: 224018
Ion Ratio Lower Upper
76 100
78 10.2 7.5 11.3



#18
Methyl Acetate
Concen: 19.380 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 43 Resp: 35914
Ion Ratio Lower Upper
43 100
74 24.9 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 18.799 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

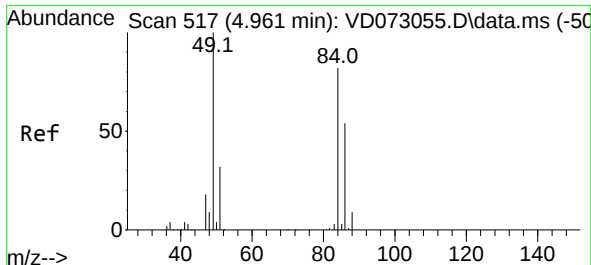
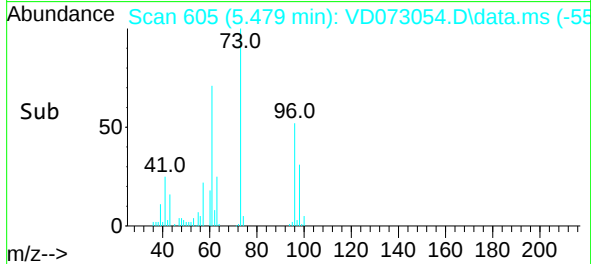
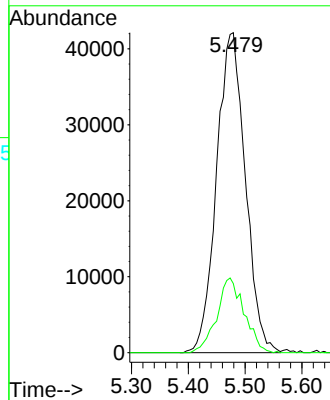
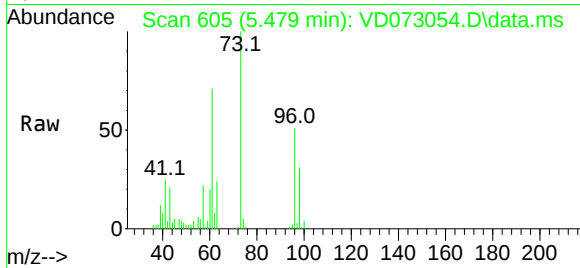
VSTDIC020

Tgt Ion: 73 Resp: 148187

Ion Ratio Lower Upper

73 100

57 21.6 18.0 27.0



#20

Methylene Chloride

Concen: 18.126 ug/l

RT: 4.962 min Scan# 517

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Tgt Ion: 84 Resp: 91228

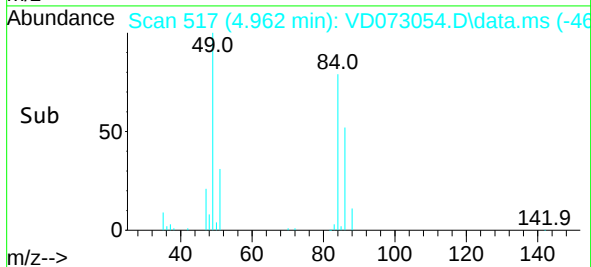
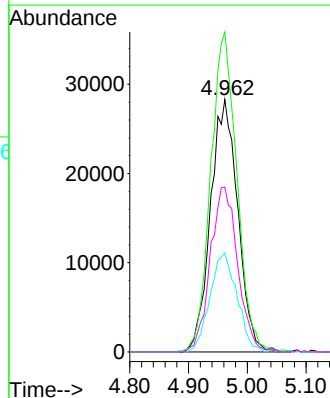
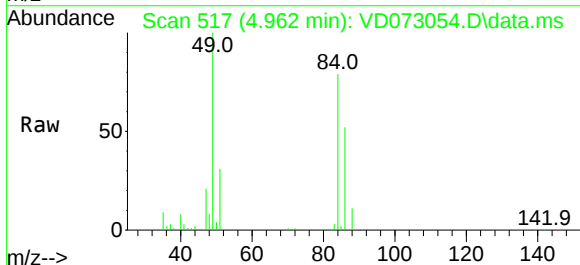
Ion Ratio Lower Upper

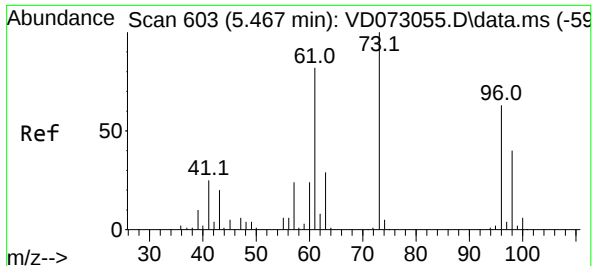
84 100

49 126.7 112.8 169.2

51 39.2 32.6 48.8

86 65.3 47.9 71.9





#21

trans-1,2-Dichloroethene

Concen: 20.743 ug/l

RT: 5.473 min Scan# 603

Delta R.T. 0.006 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

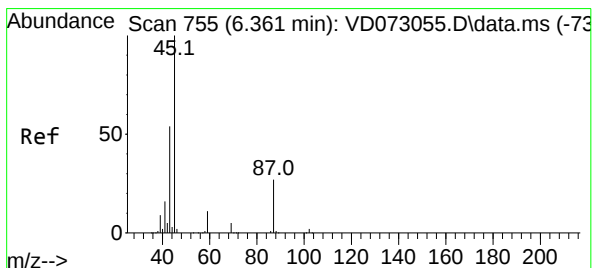
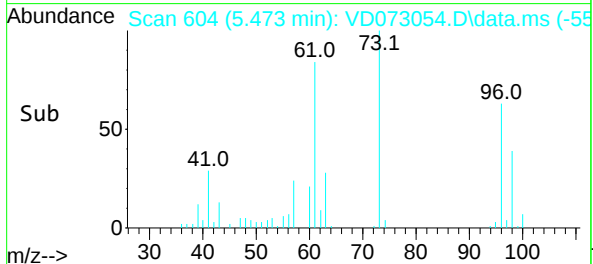
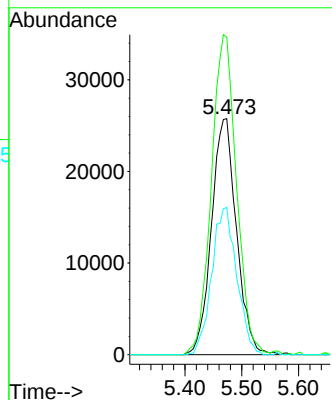
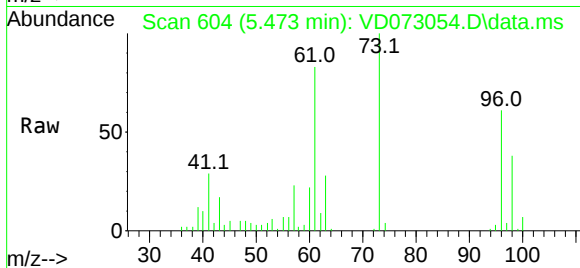
Tgt Ion: 96 Resp: 78691

Ion Ratio Lower Upper

96 100

61 134.5 117.9 176.9

98 62.4 49.4 74.2



#22

Diisopropyl ether

Concen: 19.283 ug/l

RT: 6.362 min Scan# 755

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Tgt Ion: 45 Resp: 224597

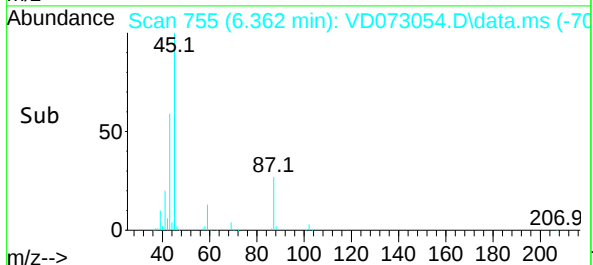
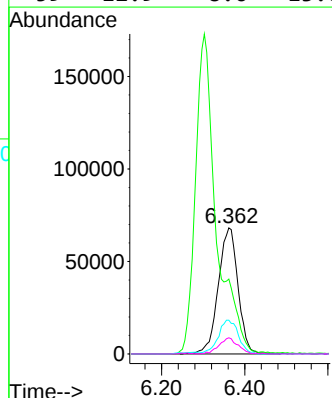
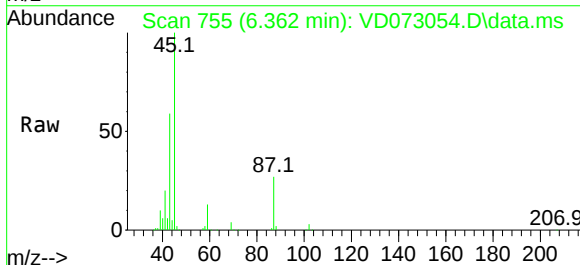
Ion Ratio Lower Upper

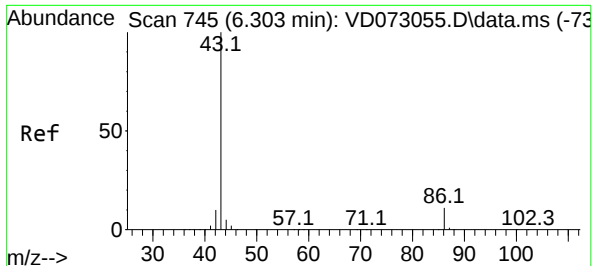
45 100

43 58.5 46.6 70.0

87 26.7 18.4 27.6

59 12.9 8.6 13.0

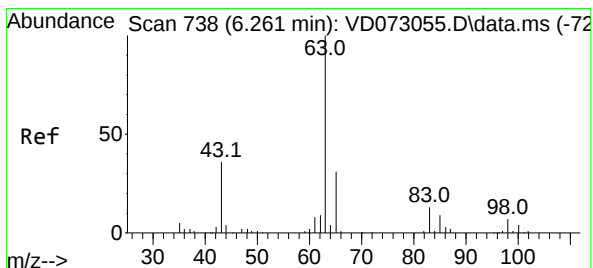
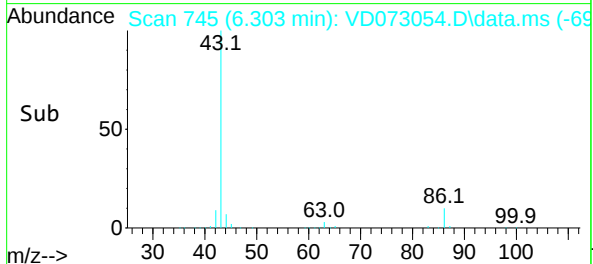
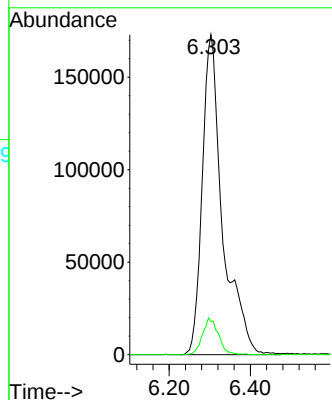
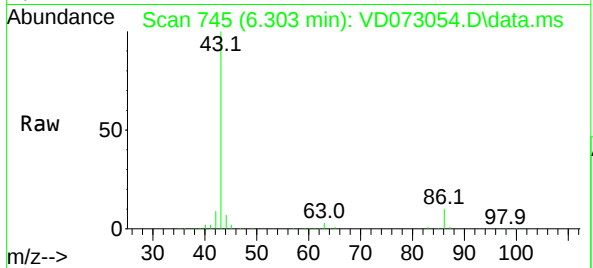




#23
 Vinyl Acetate
 Concen: 93.434 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD073054.D
 Acq: 17 May 2022 11:15

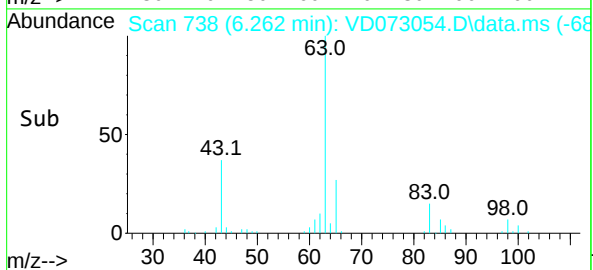
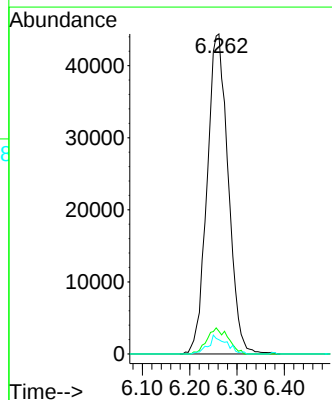
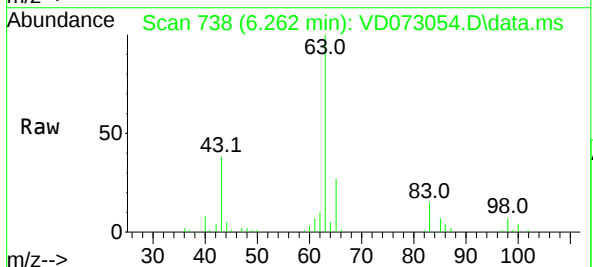
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

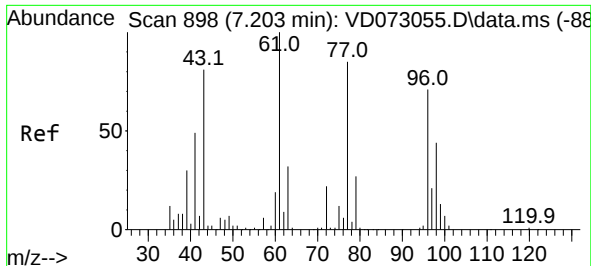
Tgt Ion: 43 Resp: 601076
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 19.549 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073054.D
 Acq: 17 May 2022 11:15

Tgt Ion: 63 Resp: 137516
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.5 2.1 6.5

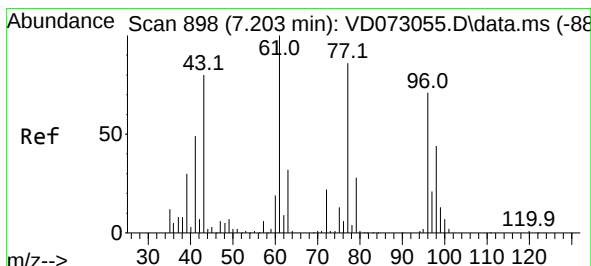
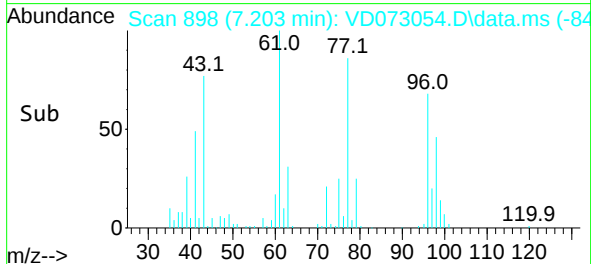
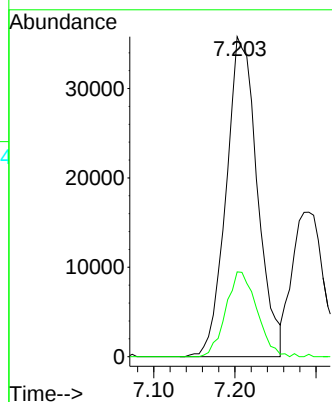
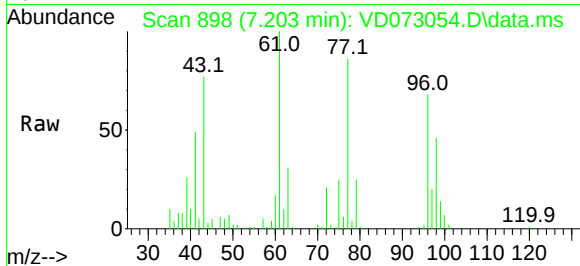




#25
2-Butanone
Concen: 93.520 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

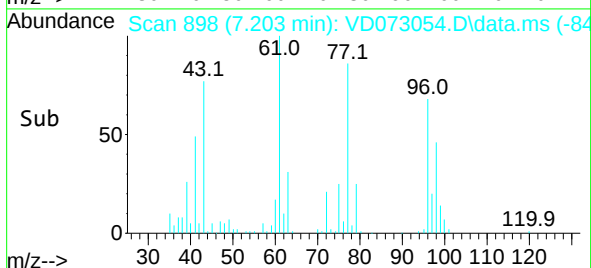
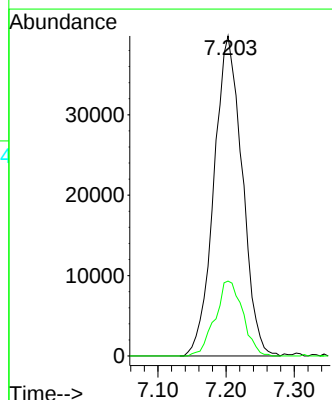
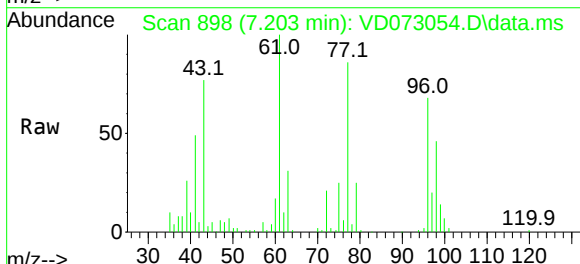
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

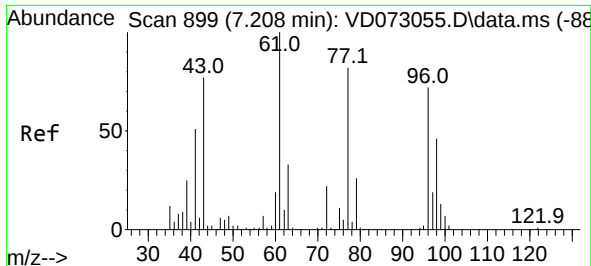
Tgt Ion: 43 Resp: 95517
Ion Ratio Lower Upper
43 100
72 26.5 18.6 27.8



#26
2,2-Dichloropropane
Concen: 19.437 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 77 Resp: 114823
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.4



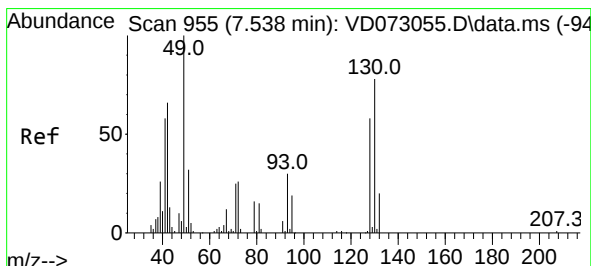
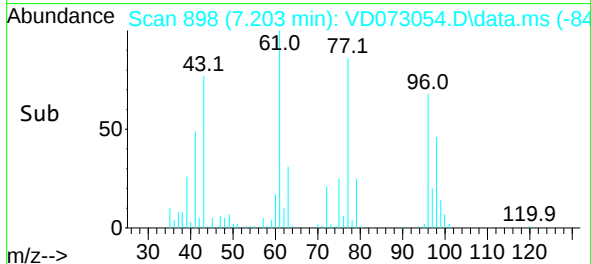
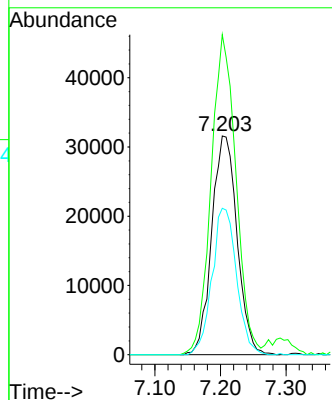
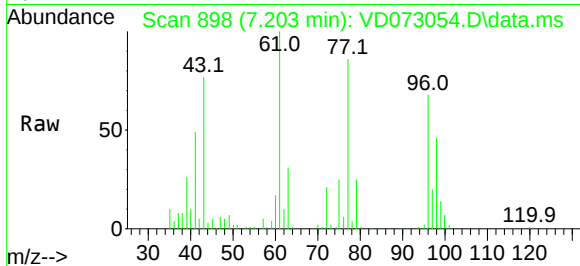


#27
 cis-1,2-Dichloroethene
 Concen: 19.504 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD073054.D
 Acq: 17 May 2022 11:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 84687

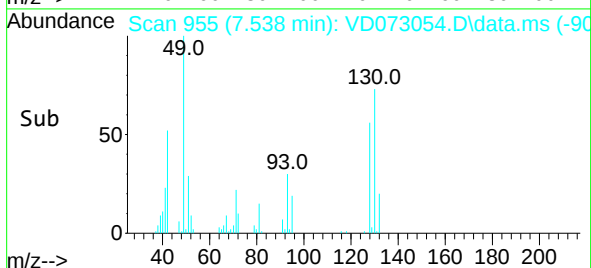
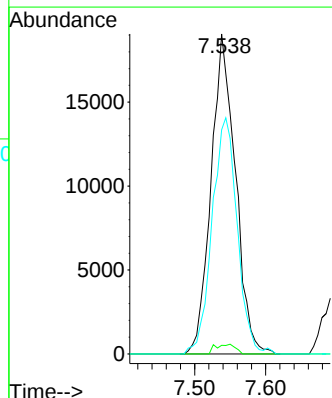
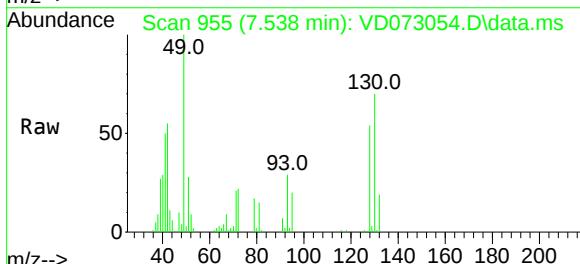
Ion	Ratio	Lower	Upper
96	100		
61	143.4	0.0	313.8
98	64.8	0.0	128.8

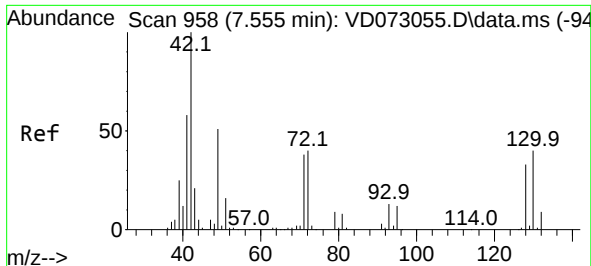


#28
 Bromochloromethane
 Concen: 17.619 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. 0.000 min
 Lab File: VD073054.D
 Acq: 17 May 2022 11:15

Tgt Ion: 49 Resp: 45325

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.0
130	76.1	52.6	79.0





#29

Tetrahydrofuran

Concen: 91.986 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

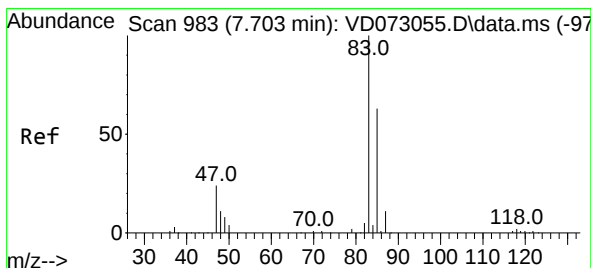
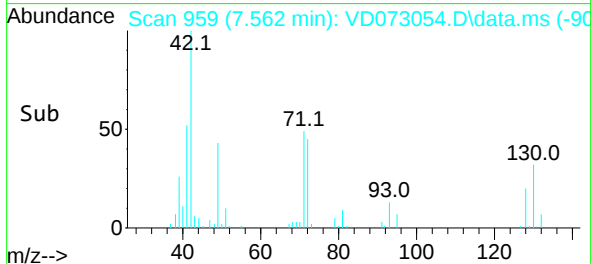
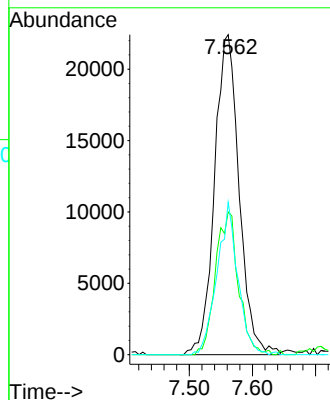
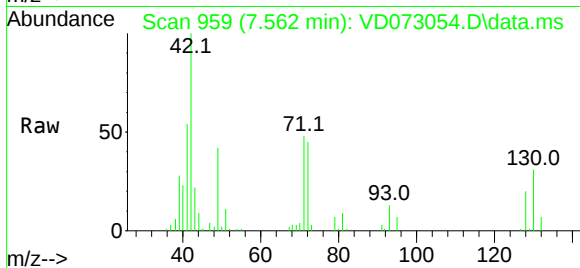
Tgt Ion: 42 Resp: 60703

Ion Ratio Lower Upper

42 100

72 41.6 30.7 46.1

71 40.1 28.6 43.0



#30

Chloroform

Concen: 19.611 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073054.D

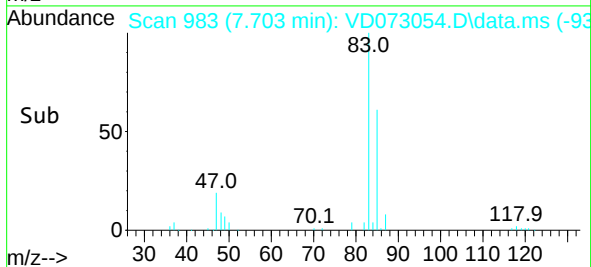
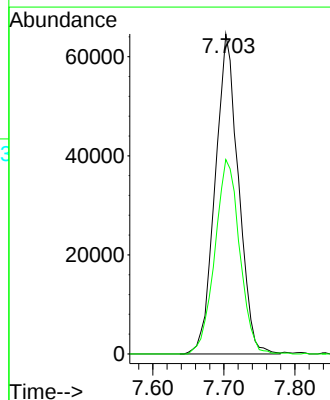
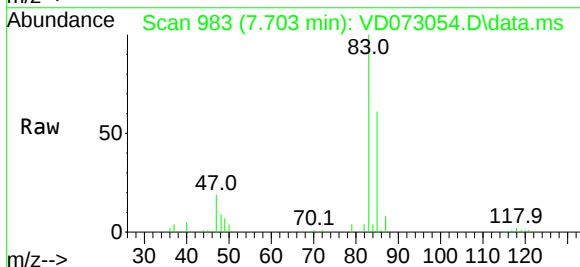
Acq: 17 May 2022 11:15

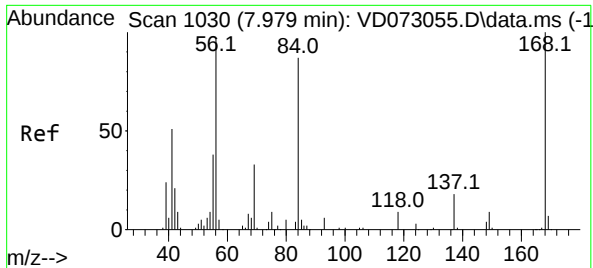
Tgt Ion: 83 Resp: 146356

Ion Ratio Lower Upper

83 100

85 60.8 52.7 79.1

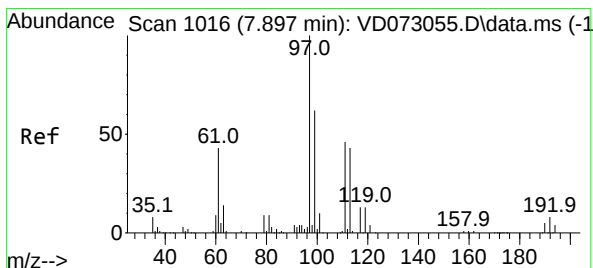
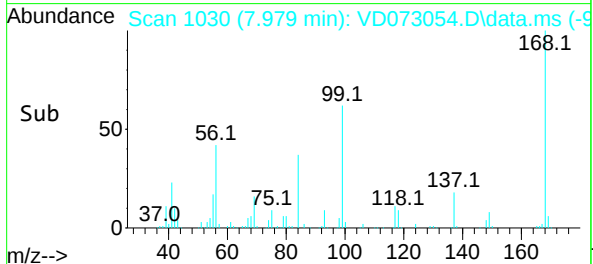
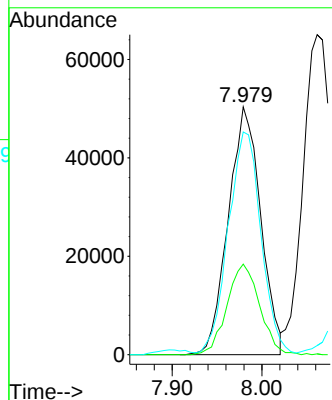
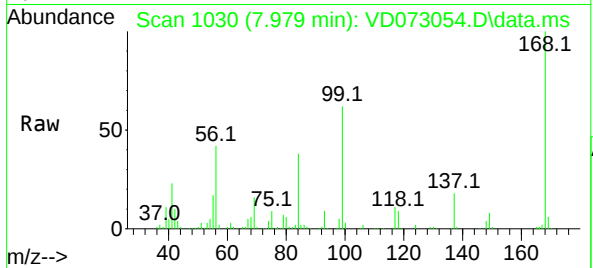




#31
Cyclohexane
Concen: 20.502 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

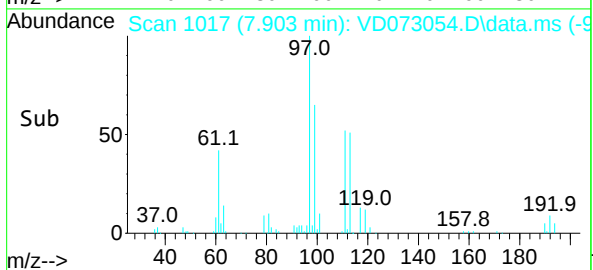
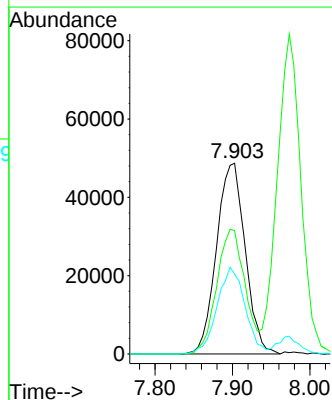
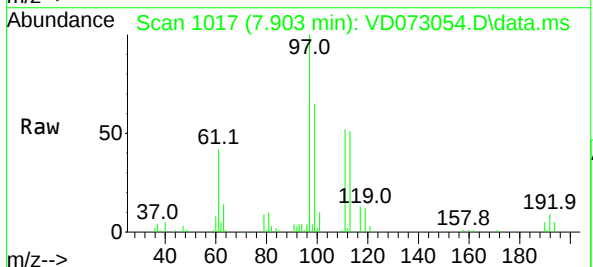
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

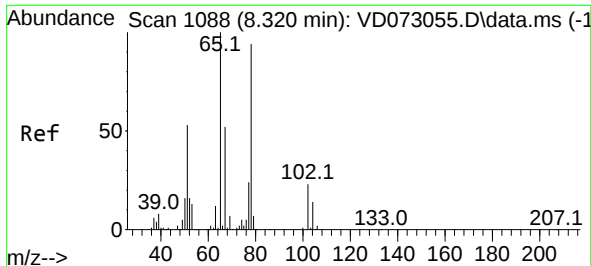
Tgt Ion: 56 Resp: 126491
Ion Ratio Lower Upper
56 100
69 36.5 25.4 38.2
84 88.3 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 19.771 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 97 Resp: 125360
Ion Ratio Lower Upper
97 100
99 64.3 52.4 78.6
61 44.3 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 19.123 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

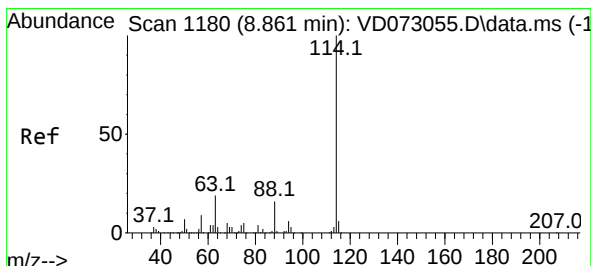
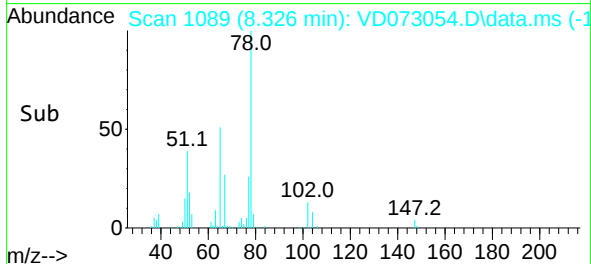
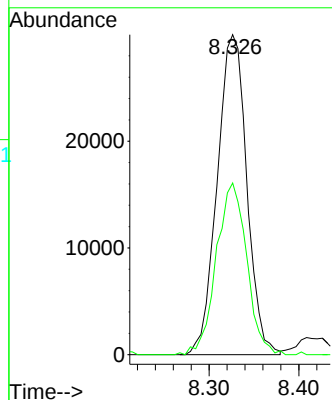
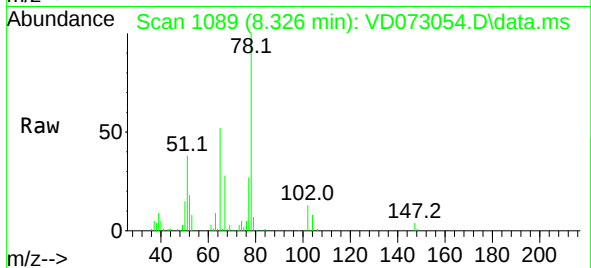
VSTDIC020

Tgt Ion: 65 Resp: 68756

Ion Ratio Lower Upper

65 100

67 55.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

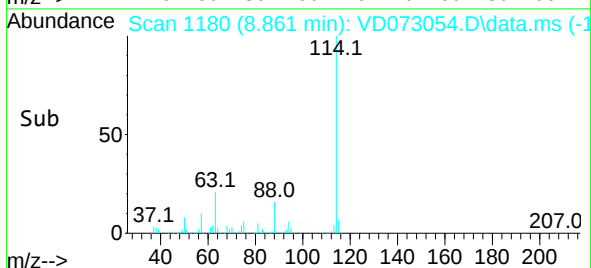
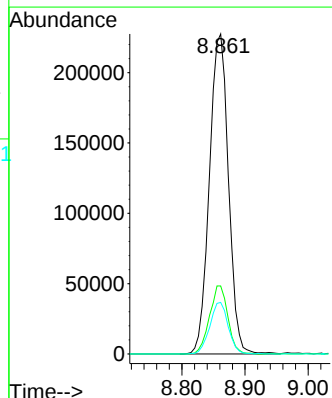
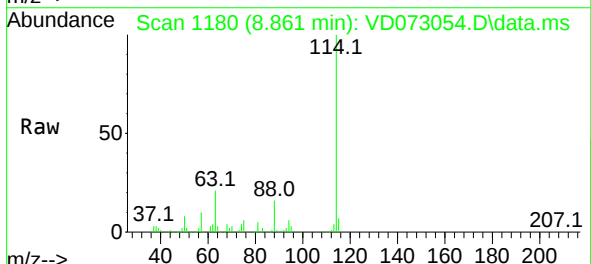
Tgt Ion: 114 Resp: 476779

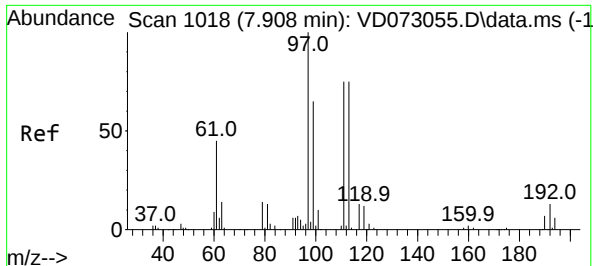
Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 19.310 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

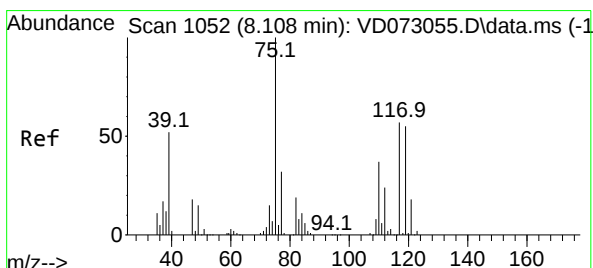
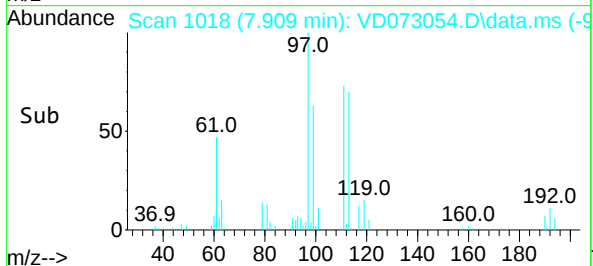
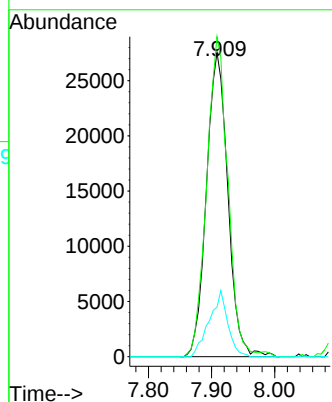
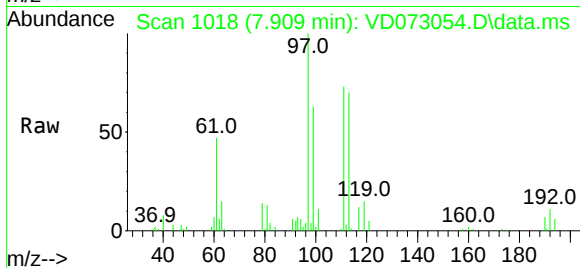
Tgt Ion:113 Resp: 64802

Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 18.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 20.181 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

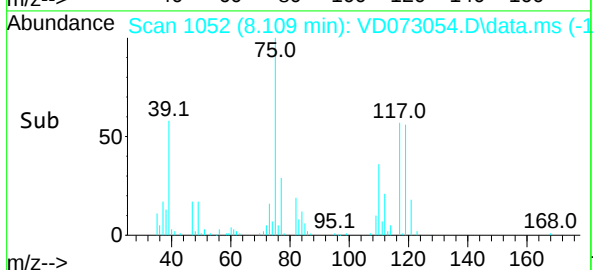
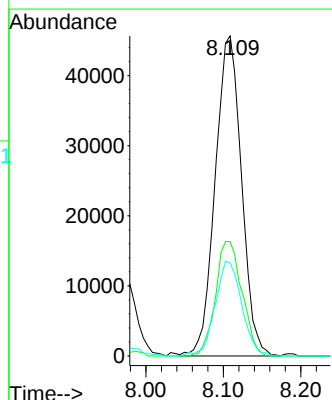
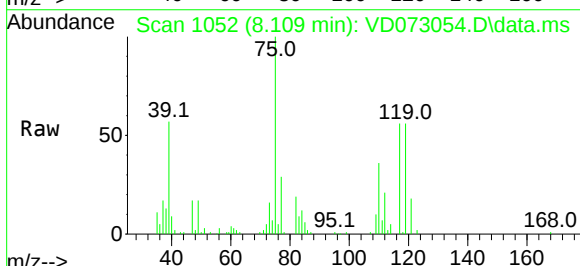
Tgt Ion: 75 Resp: 107740

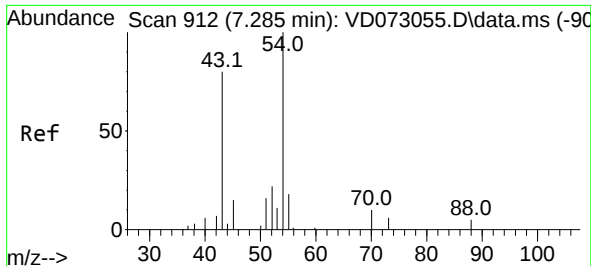
Ion Ratio Lower Upper

75 100

110 36.1 16.4 49.1

77 29.9 24.2 36.2





#37

Ethyl Acetate

Concen: 18.396 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

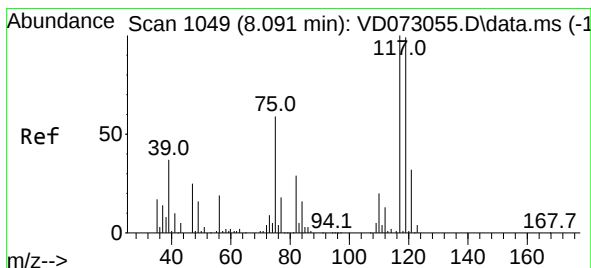
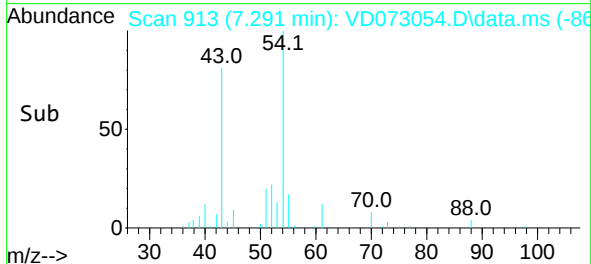
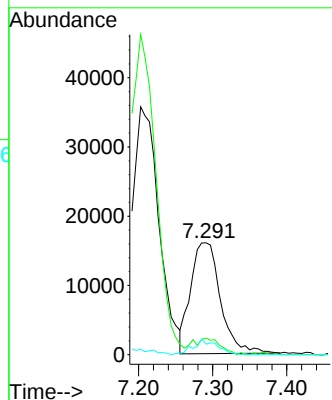
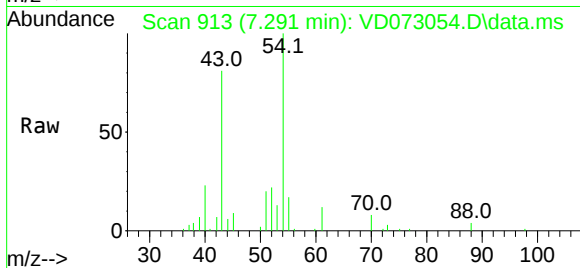
Tgt Ion: 43 Resp: 44927

Ion Ratio Lower Upper

43 100

61 13.8 9.8 14.8

70 11.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 20.350 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

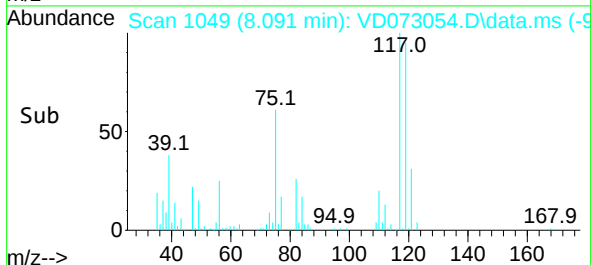
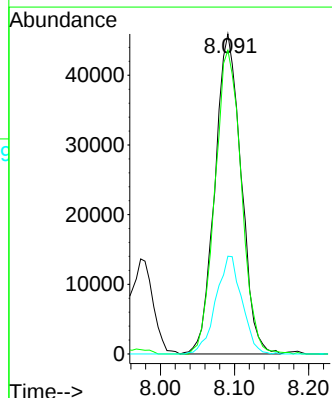
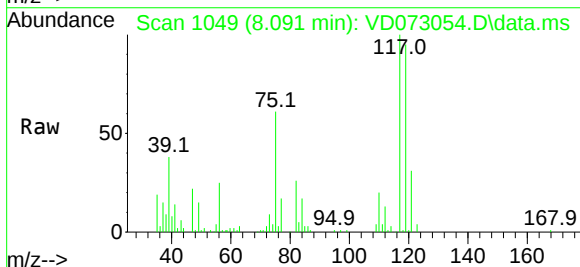
Tgt Ion: 117 Resp: 113053

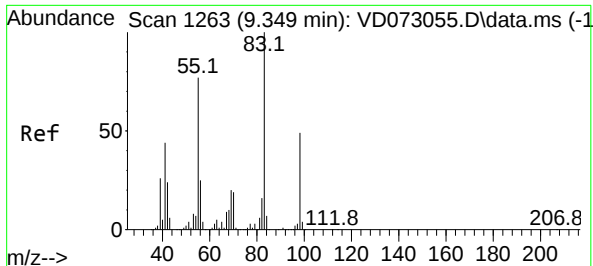
Ion Ratio Lower Upper

117 100

119 94.9 75.8 113.6

121 30.5 24.5 36.7





#39

Methylcyclohexane

Concen: 19.671 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

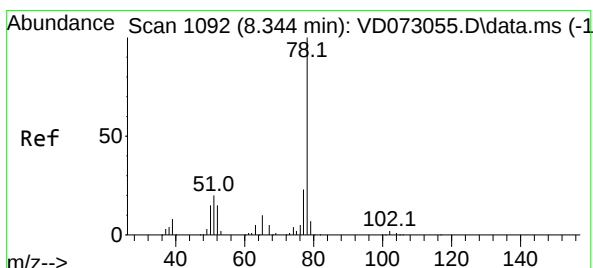
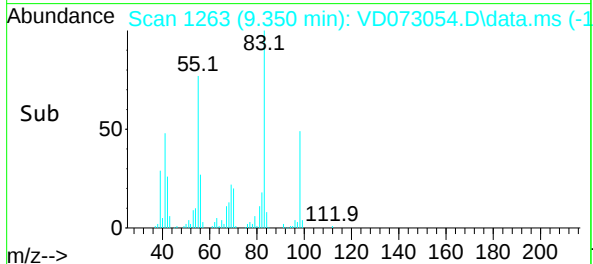
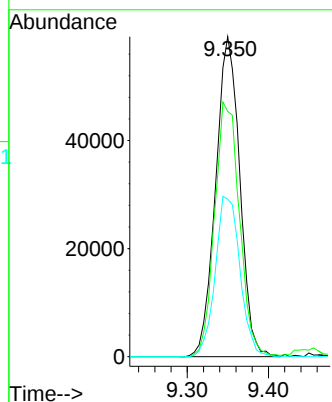
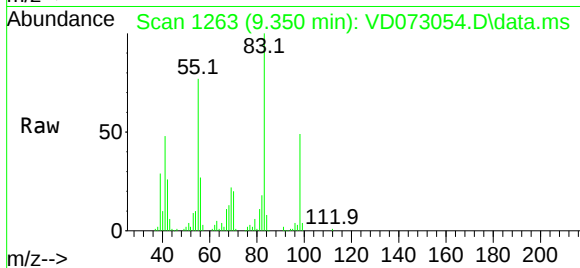
Tgt Ion: 83 Resp: 122369

Ion Ratio Lower Upper

83 100

55 76.6 63.2 94.8

98 49.2 38.2 57.4



#40

Benzene

Concen: 20.087 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073054.D

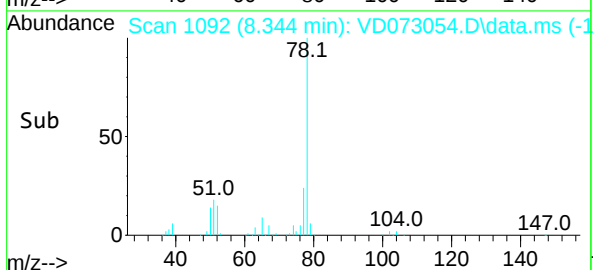
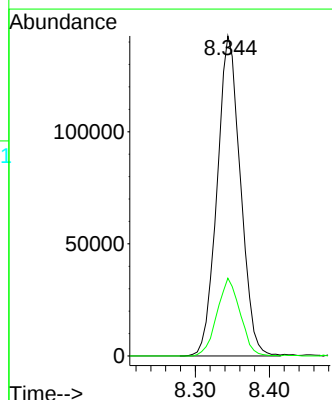
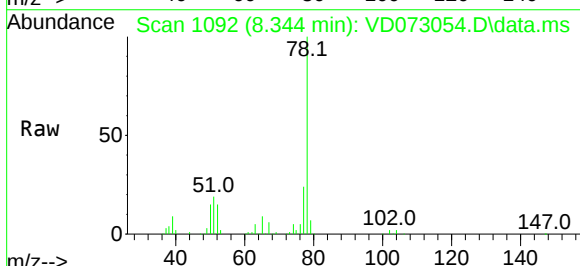
Acq: 17 May 2022 11:15

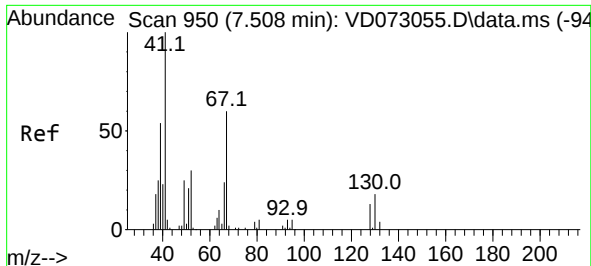
Tgt Ion: 78 Resp: 312035

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7

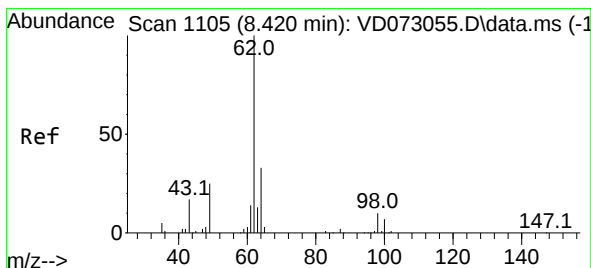
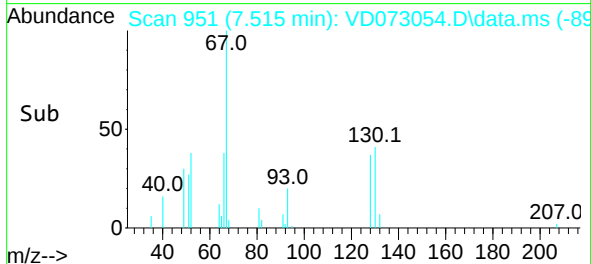
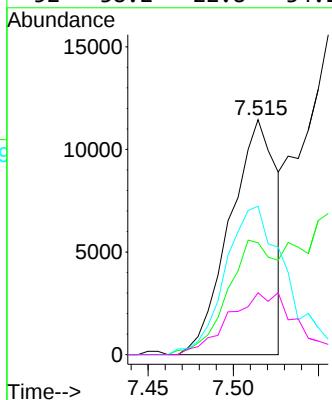
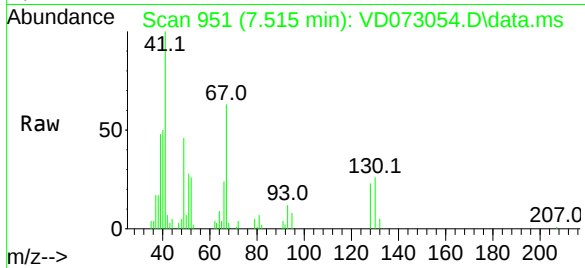




#41
Methacrylonitrile
Concen: 15.188 ug/l
RT: 7.515 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

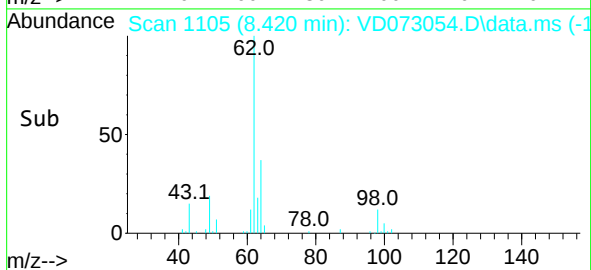
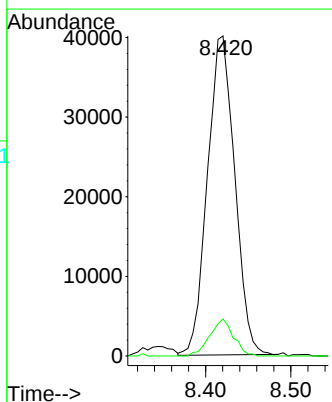
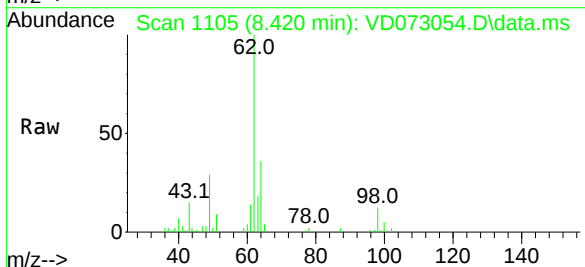
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

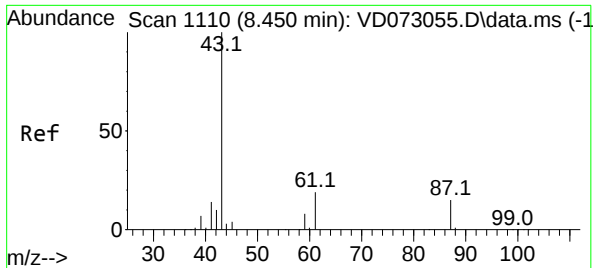
Tgt Ion: 41 Resp: 21767
Ion Ratio Lower Upper
41 100
39 51.1 44.6 67.0
67 84.1 48.2 72.4#
52 38.2 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 19.111 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 62 Resp: 89231
Ion Ratio Lower Upper
62 100
98 10.0 0.0 17.6

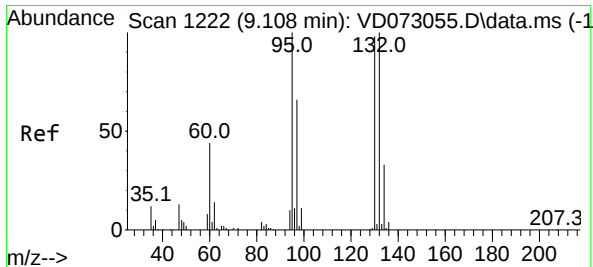
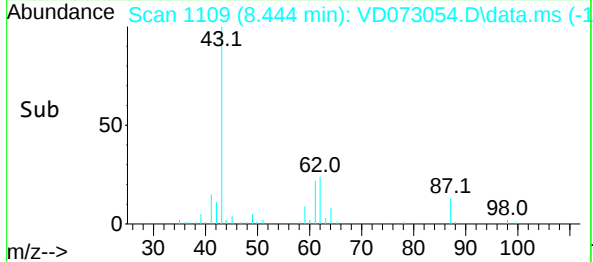
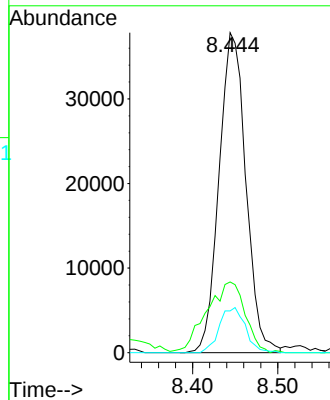
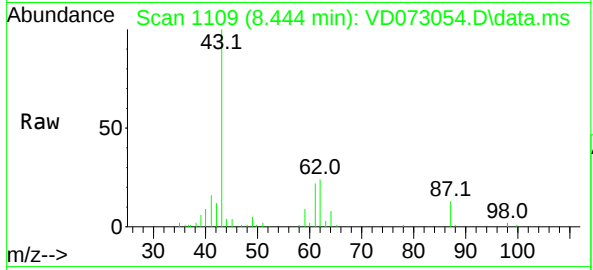




#43
Isopropyl Acetate
Concen: 18.333 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

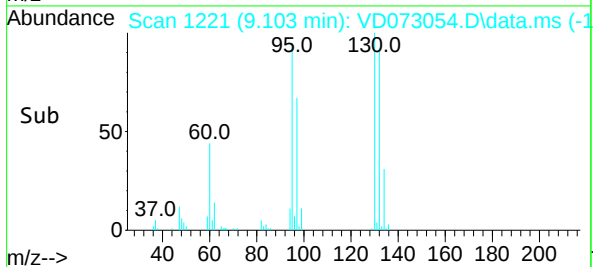
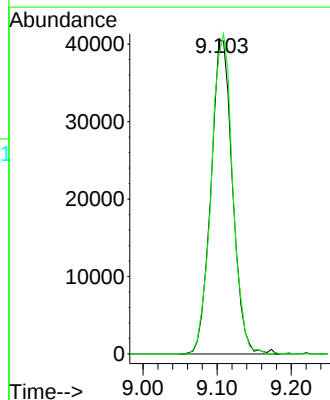
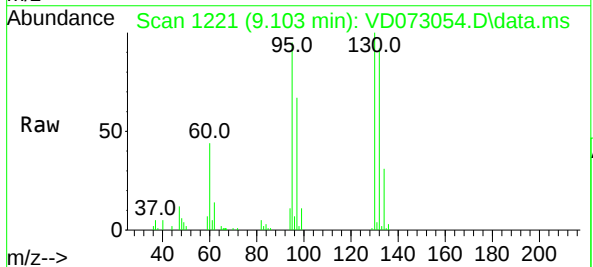
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

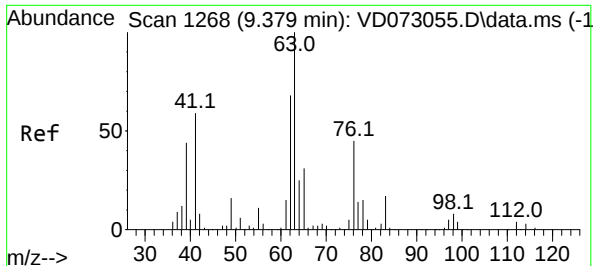
Tgt Ion: 43 Resp: 82656
Ion Ratio Lower Upper
43 100
61 31.8 22.4 33.6
87 13.8 8.7 13.1#



#44
Trichloroethene
Concen: 19.848 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 130 Resp: 82183
Ion Ratio Lower Upper
130 100
95 95.4 0.0 205.4





#45

1,2-Dichloropropane

Concen: 19.630 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

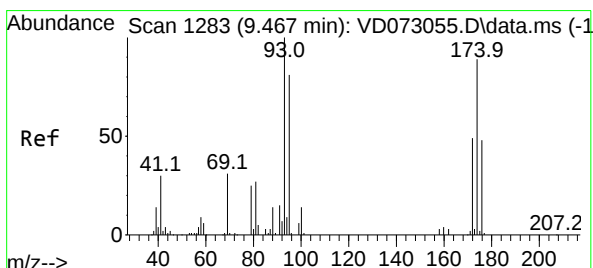
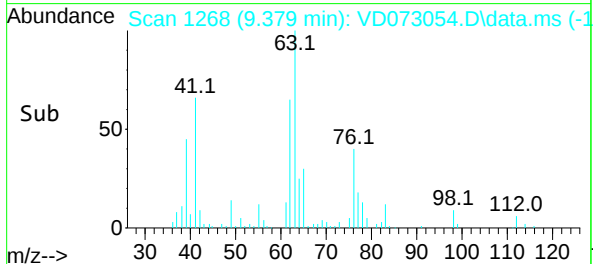
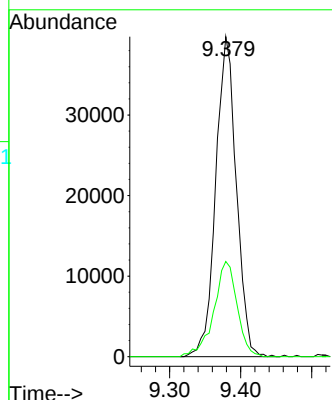
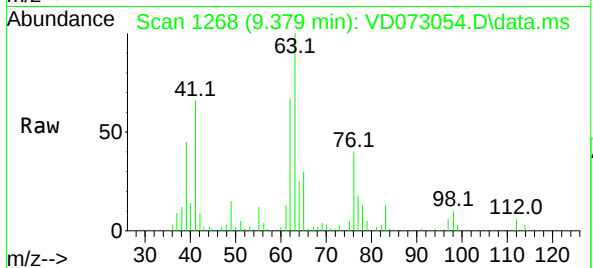
VSTDIC020

Tgt Ion: 63 Resp: 79810

Ion Ratio Lower Upper

63 100

65 29.8 26.2 39.4



#46

Dibromomethane

Concen: 19.872 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

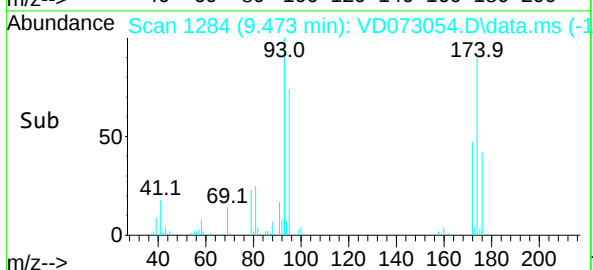
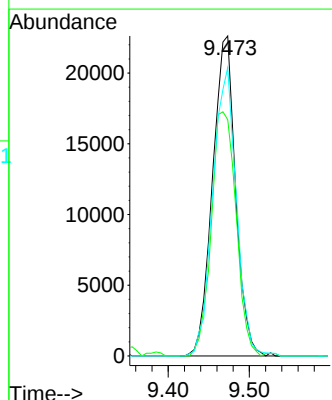
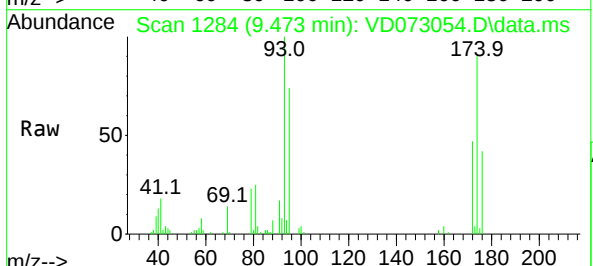
Tgt Ion: 93 Resp: 44683

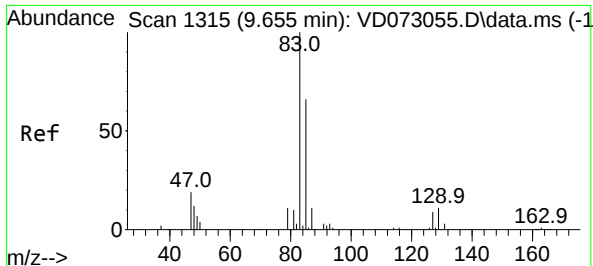
Ion Ratio Lower Upper

93 100

95 81.9 66.7 100.1

174 92.1 71.6 107.4

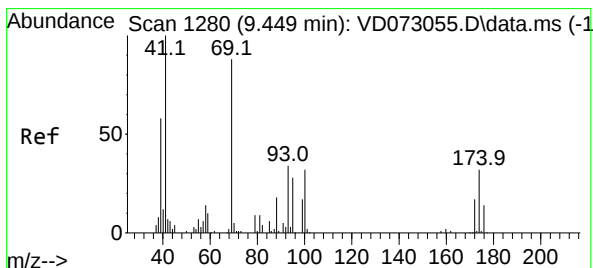
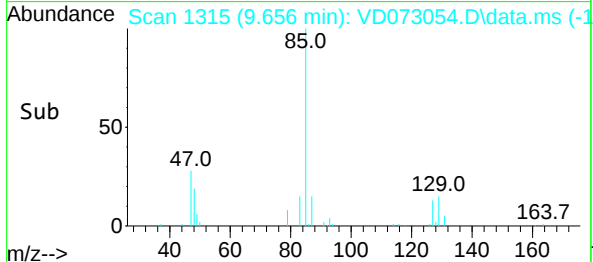
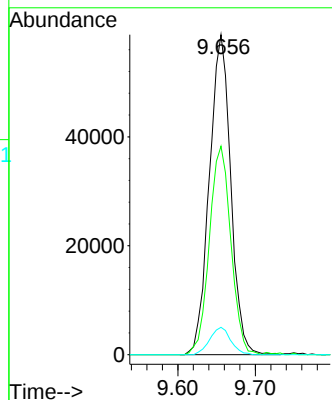
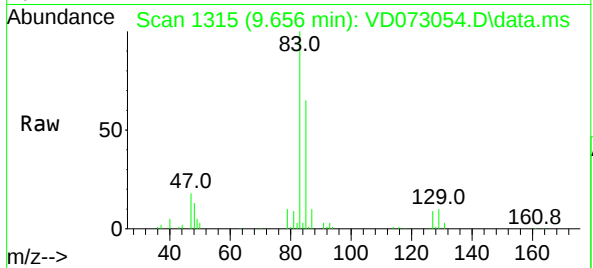




#47
Bromodichloromethane
Concen: 19.521 ug/l
RT: 9.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

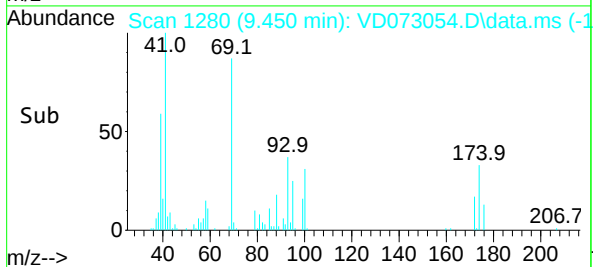
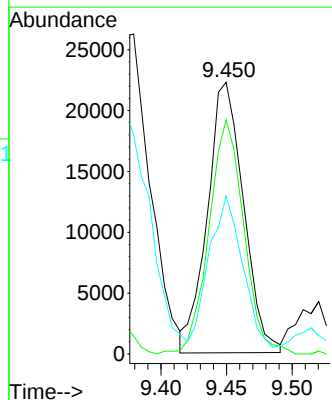
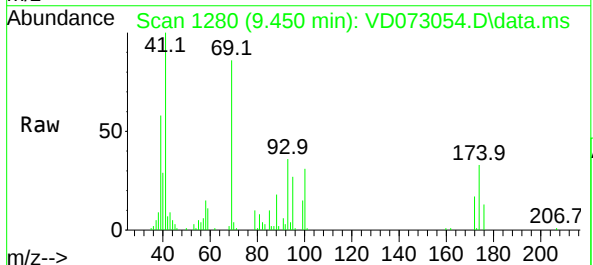
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

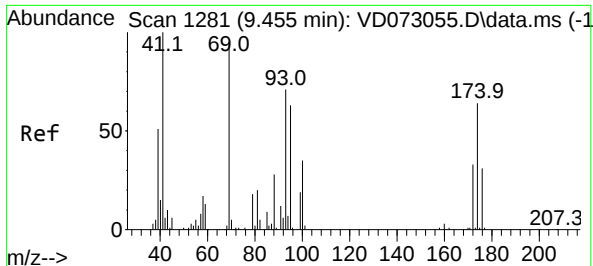
Tgt Ion: 83 Resp: 112554
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.0
127 8.6 6.1 9.1



#48
Methyl methacrylate
Concen: 19.234 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 41 Resp: 42633
Ion Ratio Lower Upper
41 100
69 83.5 56.7 85.1
39 56.2 42.7 64.1





#49

1,4-Dioxane

Concen: 364.212 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

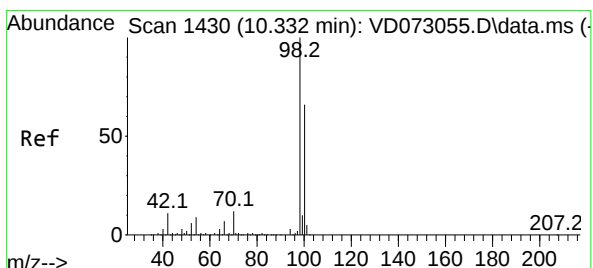
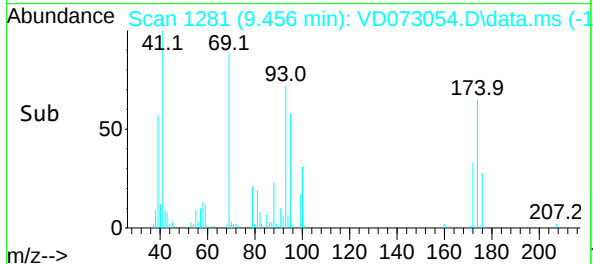
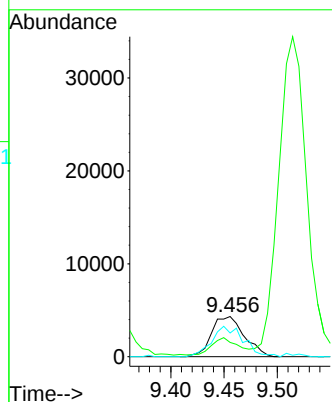
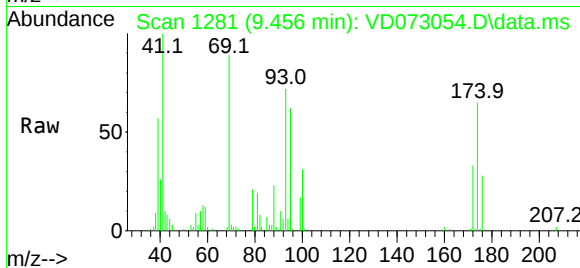
Tgt Ion: 88 Resp: 9237

Ion Ratio Lower Upper

88 100

43 40.7 31.0 46.4

58 73.6 58.1 87.1



#50

Toluene-d8

Concen: 19.221 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073054.D

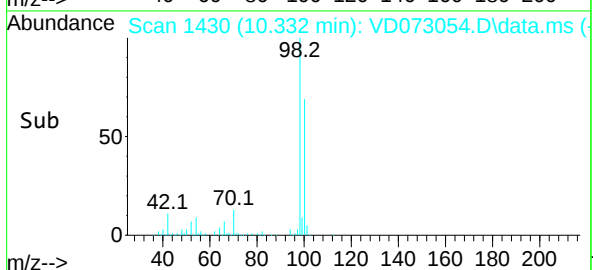
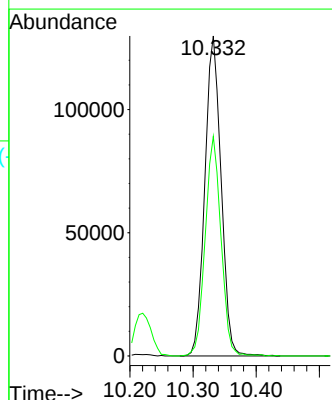
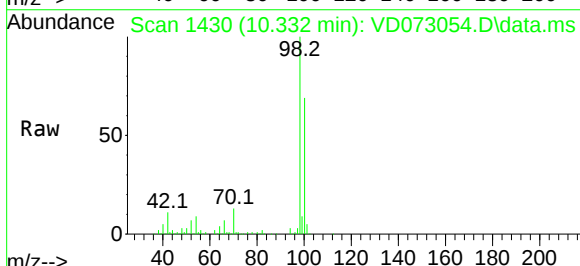
Acq: 17 May 2022 11:15

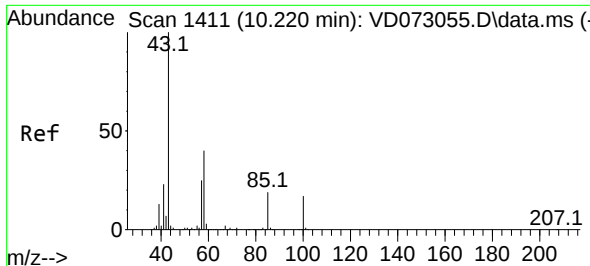
Tgt Ion: 98 Resp: 232300

Ion Ratio Lower Upper

98 100

100 66.8 52.4 78.6

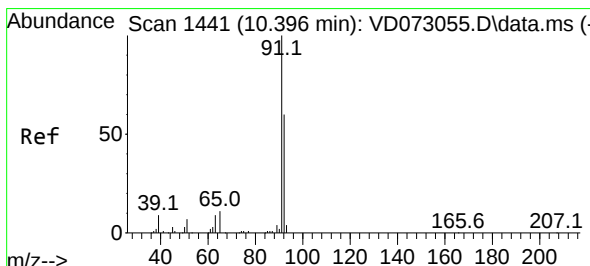
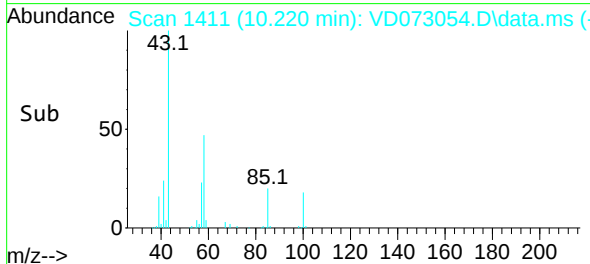
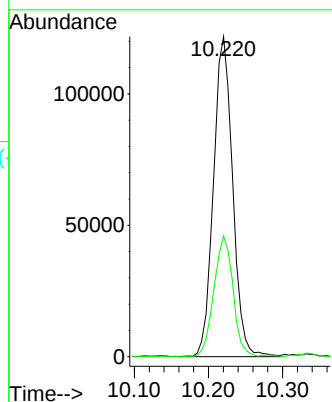
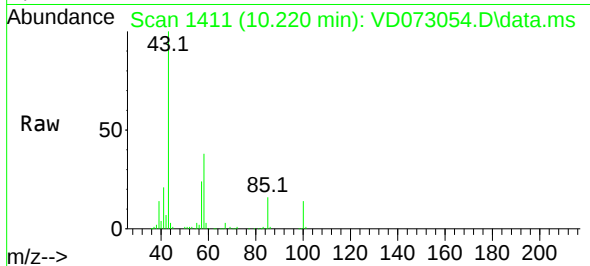




#51
4-Methyl-2-Pentanone
Concen: 93.159 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

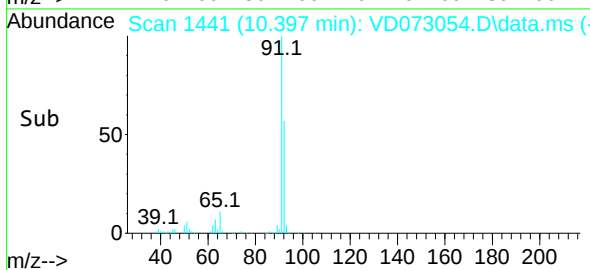
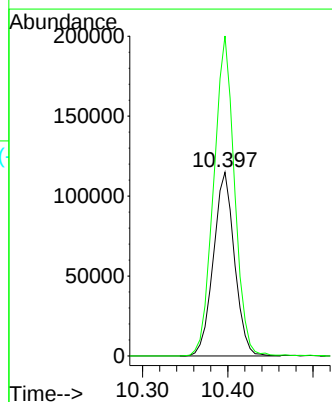
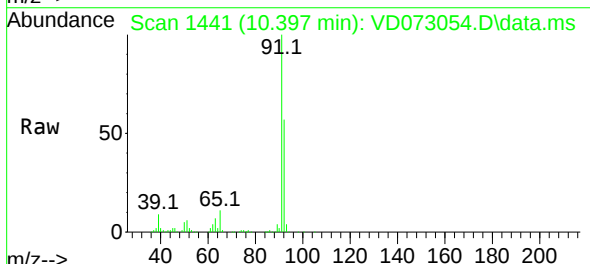
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

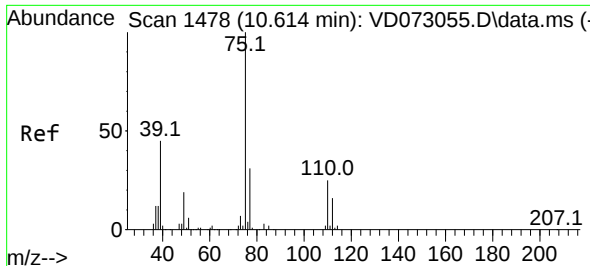
Tgt Ion: 43 Resp: 219107
Ion Ratio Lower Upper
43 100
58 37.5 28.6 43.0



#52
Toluene
Concen: 20.379 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 92 Resp: 197328
Ion Ratio Lower Upper
92 100
91 172.6 139.6 209.4

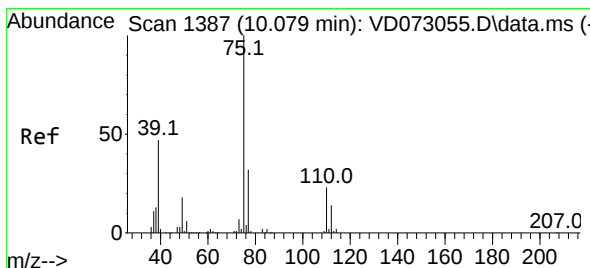
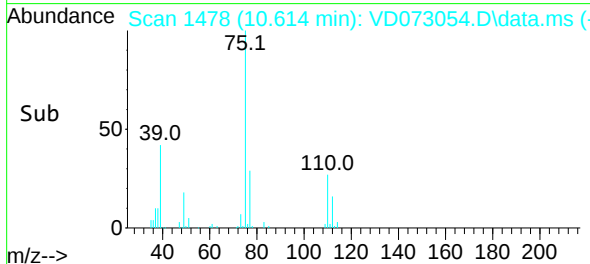
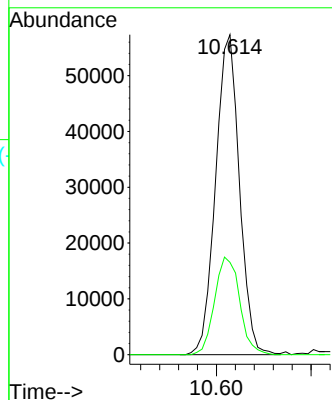
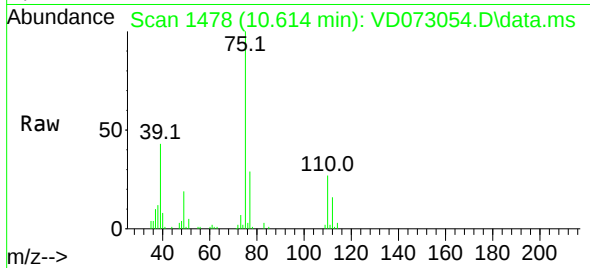




#53
t-1,3-Dichloropropene
Concen: 18.931 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

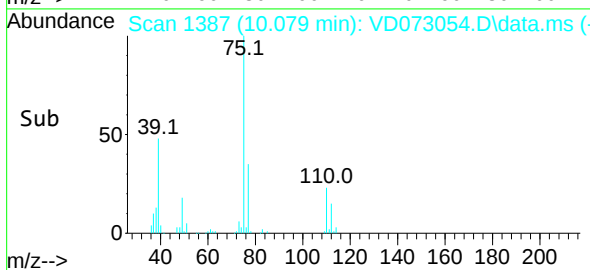
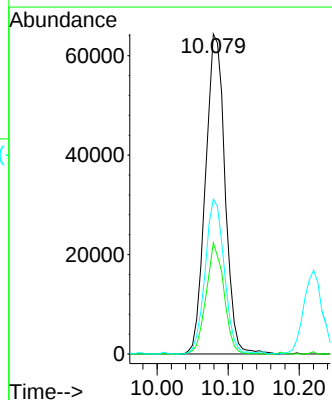
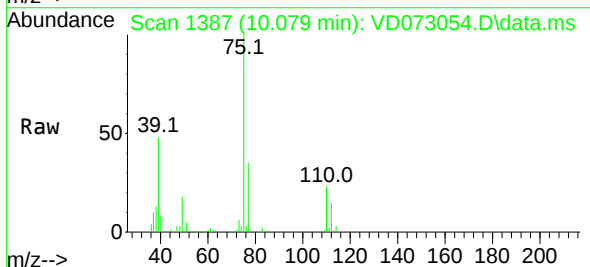
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

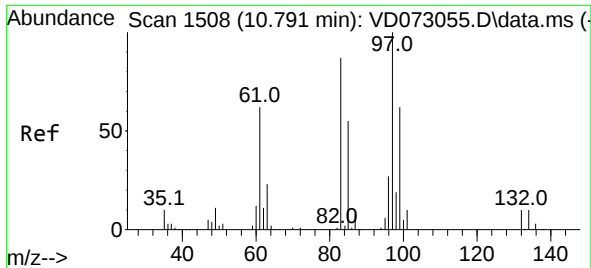
Tgt Ion: 75 Resp: 100153
Ion Ratio Lower Upper
75 100
77 28.9 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 19.923 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 75 Resp: 122954
Ion Ratio Lower Upper
75 100
77 34.8 24.8 37.2
39 48.4 46.8 70.2

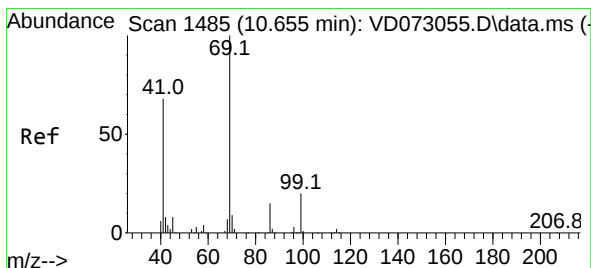
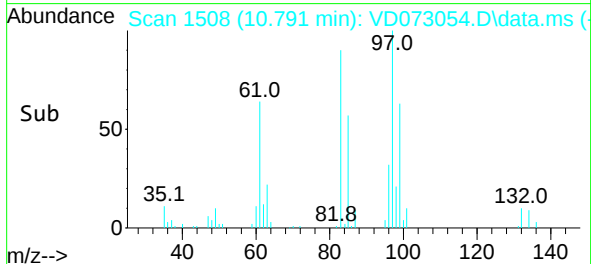
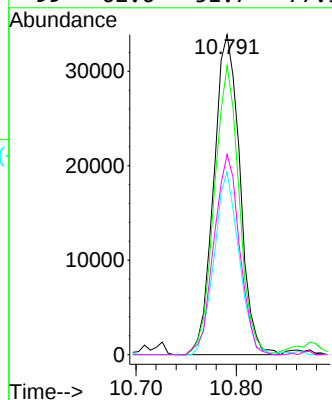
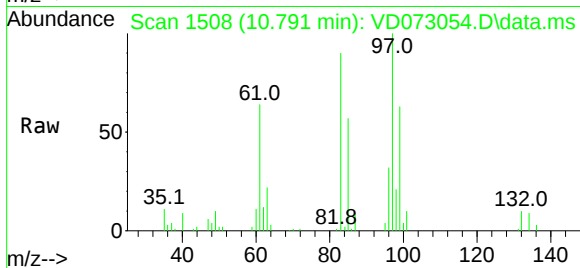




#55
1,1,2-Trichloroethane
Concen: 20.042 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

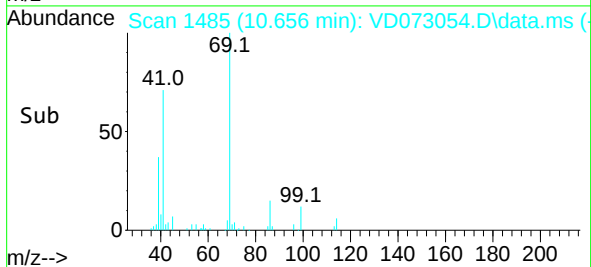
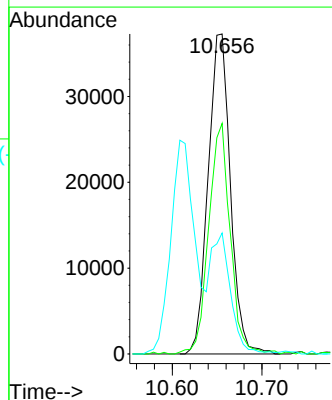
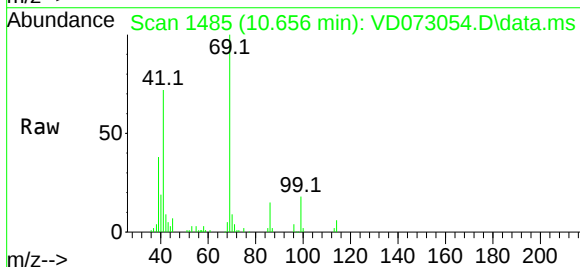
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

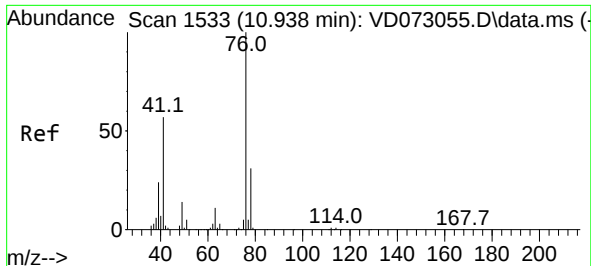
Tgt Ion: 97	Resp: 60967
Ion Ratio	Lower Upper
97 100	
83 90.3	69.0 103.4
85 57.1	42.6 63.8
99 62.6	51.7 77.5



#56
Ethyl methacrylate
Concen: 18.095 ug/l
RT: 10.656 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 69	Resp: 64317
Ion Ratio	Lower Upper
69 100	
41 69.9	63.0 94.6
39 32.2	33.8 50.8#





#57

1,3-Dichloropropane

Concen: 19.633 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

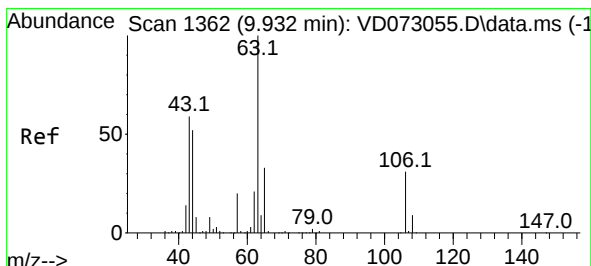
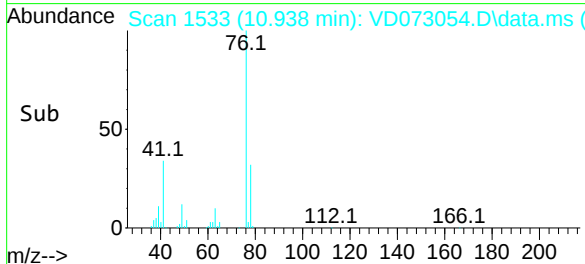
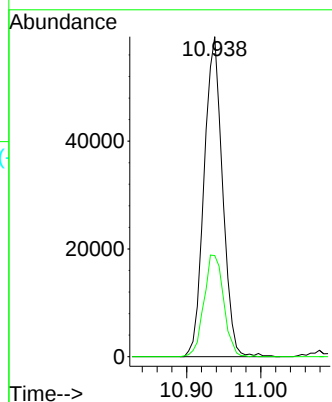
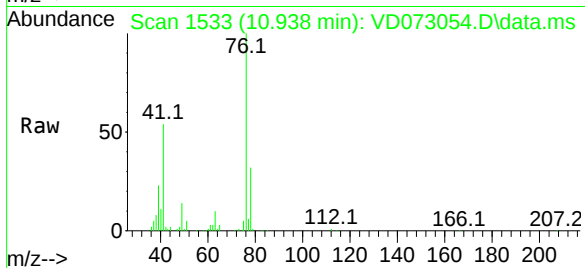
VSTDIC020

Tgt Ion: 76 Resp: 102674

Ion Ratio Lower Upper

76 100

78 33.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 82.918 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073054.D

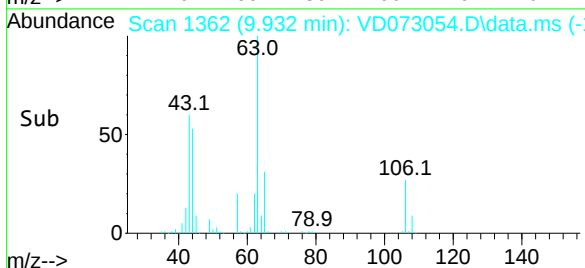
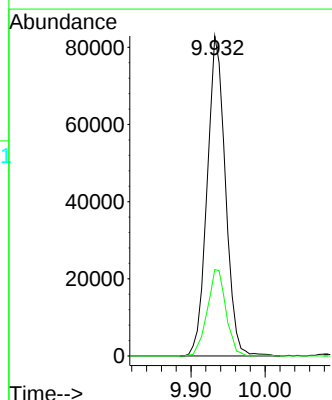
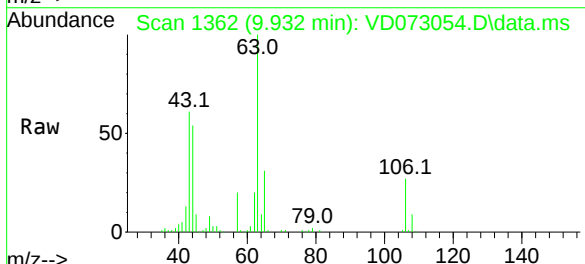
Acq: 17 May 2022 11:15

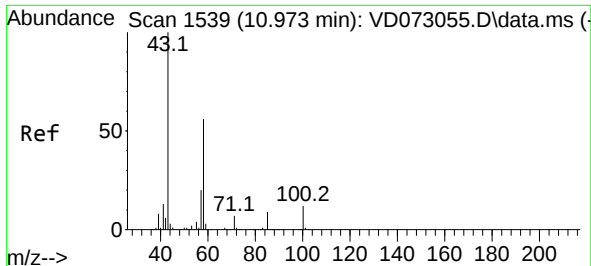
Tgt Ion: 63 Resp: 141891

Ion Ratio Lower Upper

63 100

106 27.6 21.4 32.0

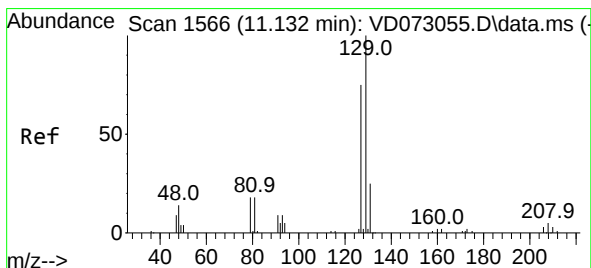
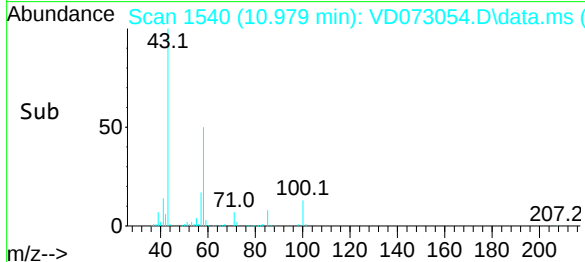
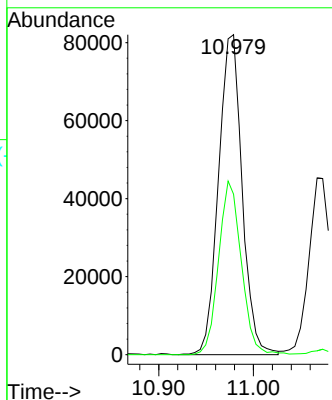
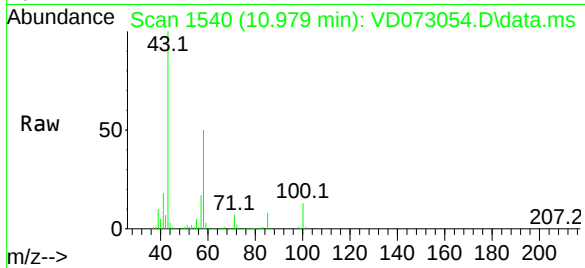




#59
2-Hexanone
Concen: 90.910 ug/l
RT: 10.979 min Scan# 1539
Delta R.T. 0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

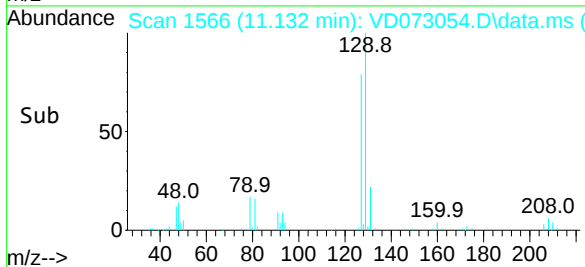
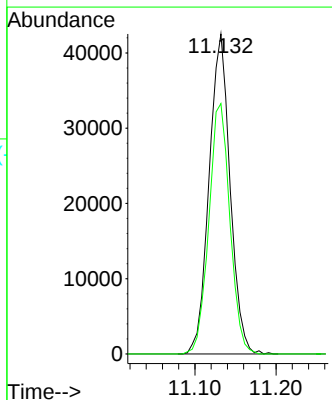
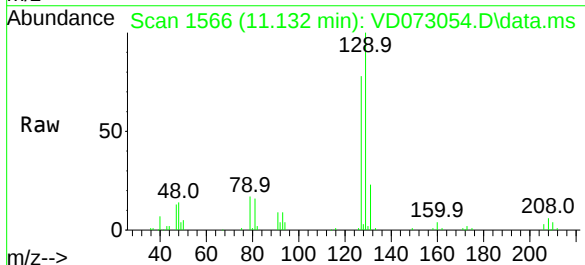
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

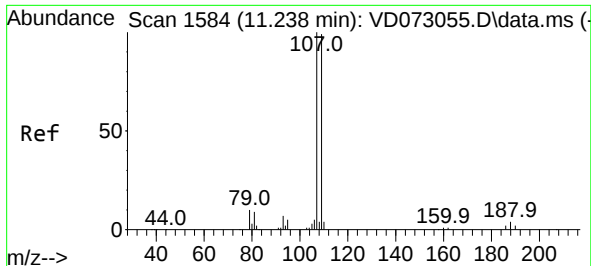
Tgt Ion: 43 Resp: 142165
Ion Ratio Lower Upper
43 100
58 52.3 25.3 75.9



#60
Dibromochloromethane
Concen: 19.901 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion:129 Resp: 76246
Ion Ratio Lower Upper
129 100
127 78.5 39.2 117.6

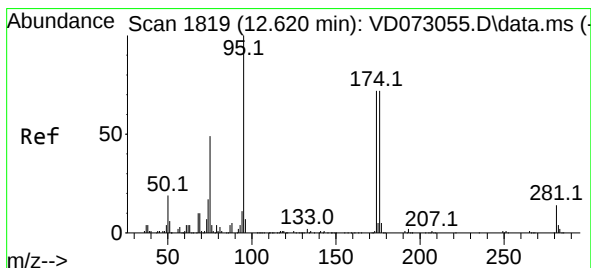
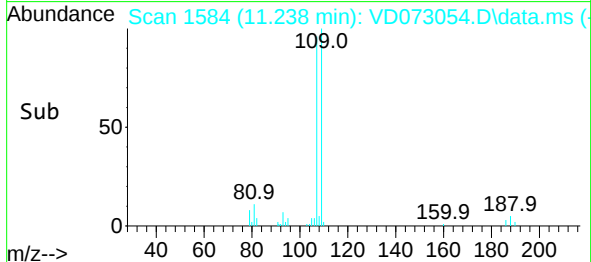
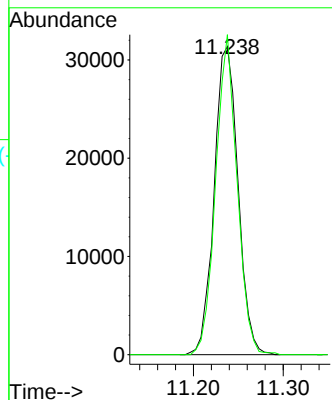
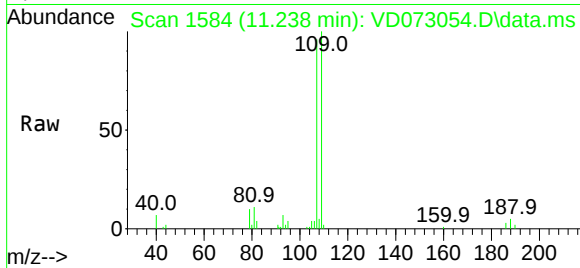




#61
1,2-Dibromoethane
Concen: 19.623 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

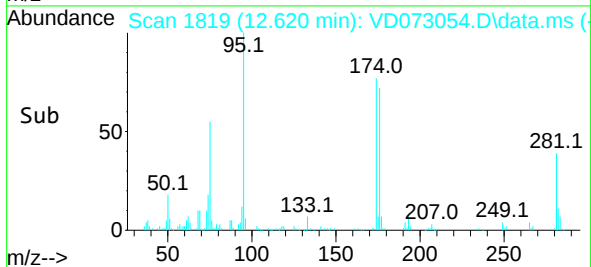
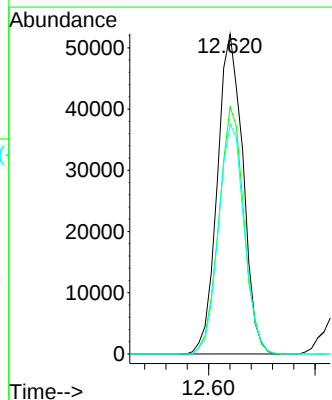
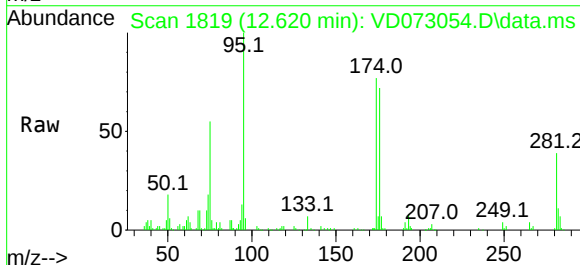
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

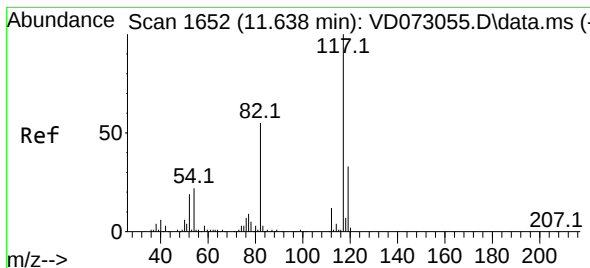
Tgt Ion:107 Resp: 57843
Ion Ratio Lower Upper
107 100
109 93.2 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 19.448 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 95 Resp: 86976
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 72.3 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

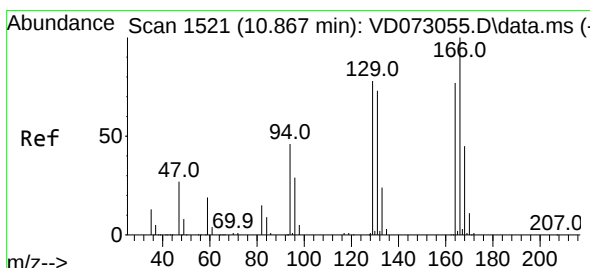
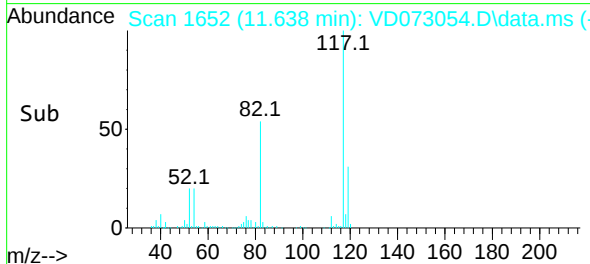
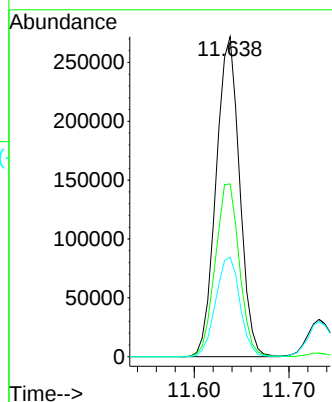
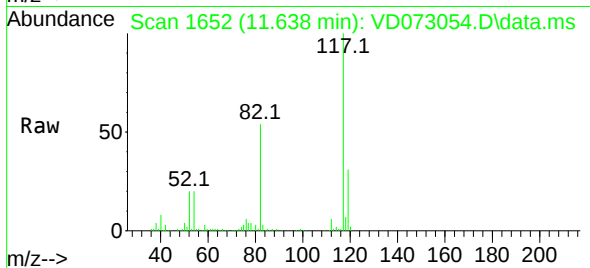
Tgt Ion:117 Resp: 468585

Ion Ratio Lower Upper

117 100

82 54.0 45.3 67.9

119 31.1 26.6 40.0



#64

Tetrachloroethene

Concen: 21.012 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Tgt Ion:164 Resp: 71384

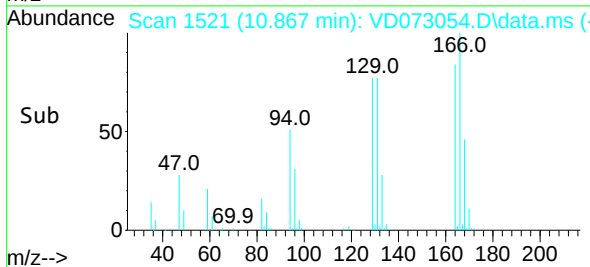
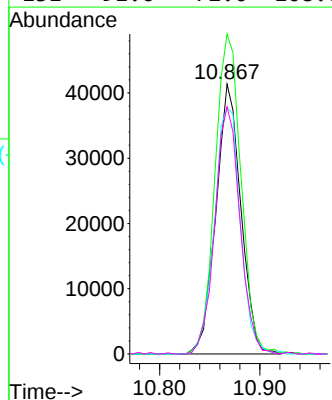
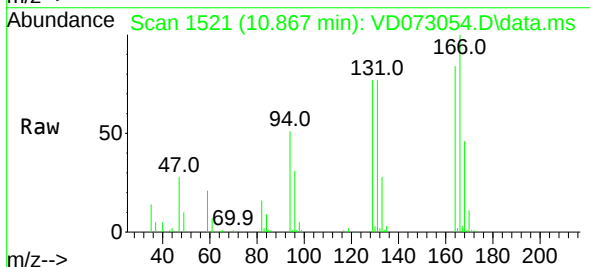
Ion Ratio Lower Upper

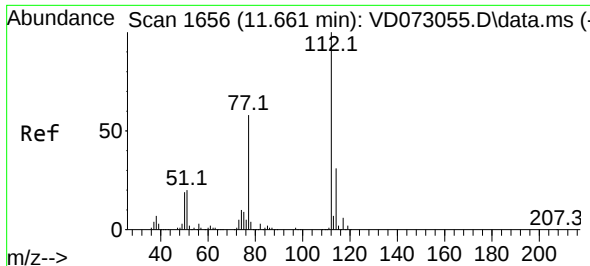
164 100

166 118.6 98.5 147.7

129 91.3 74.6 111.8

131 91.6 72.0 108.0

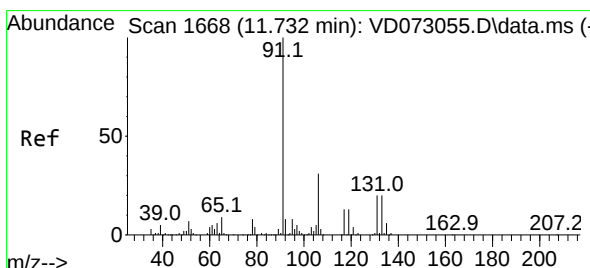
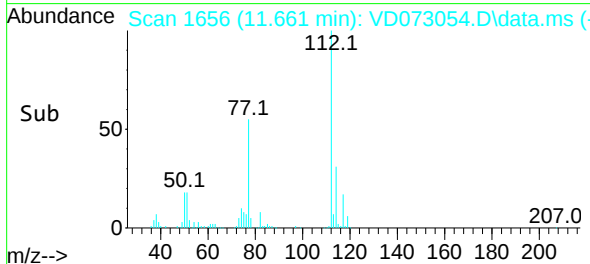
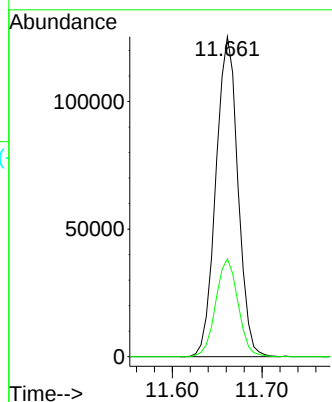
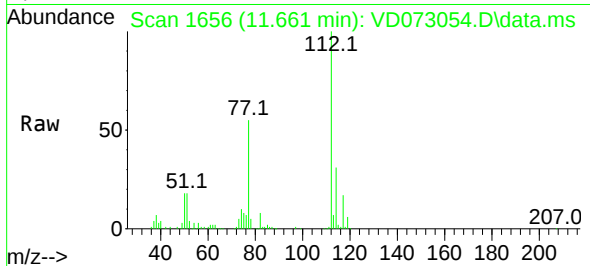




#65
Chlorobenzene
Concen: 19.979 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

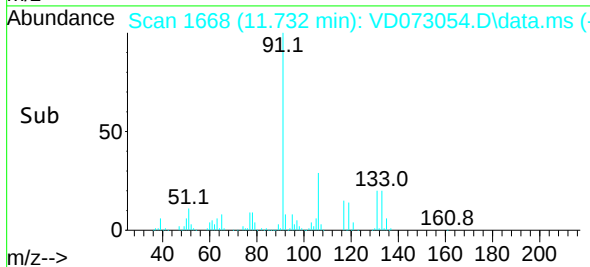
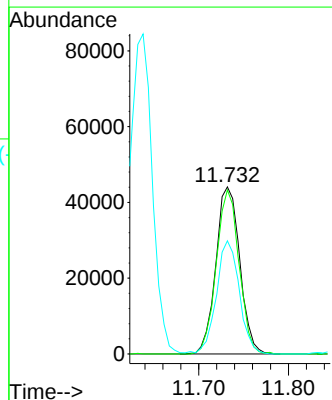
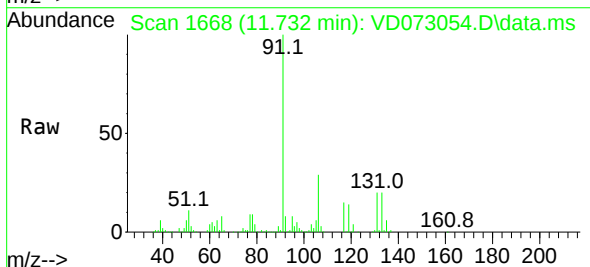
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

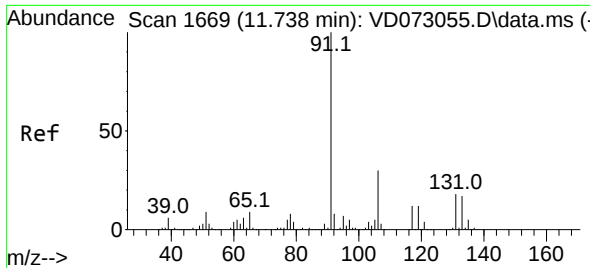
Tgt Ion:112 Resp: 214083
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.328 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion:131 Resp: 81725
Ion Ratio Lower Upper
131 100
133 93.0 48.1 144.3
119 64.9 31.9 95.9

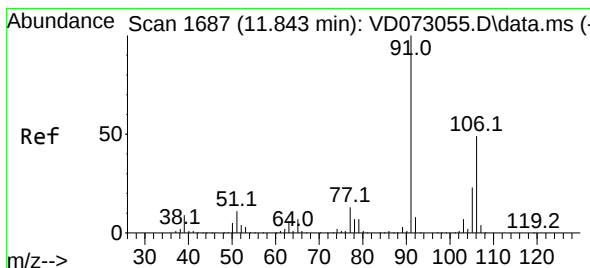
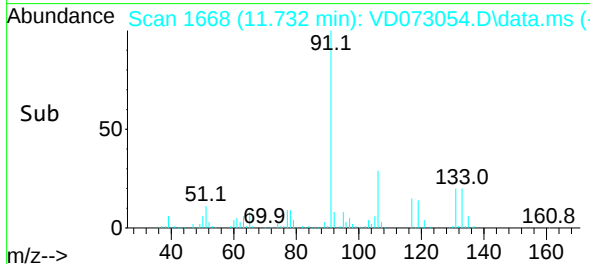
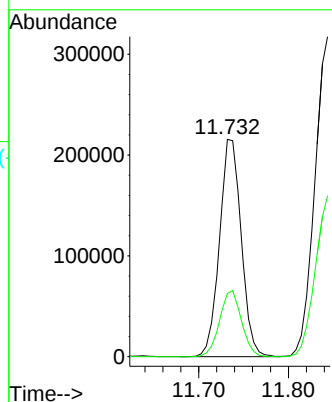
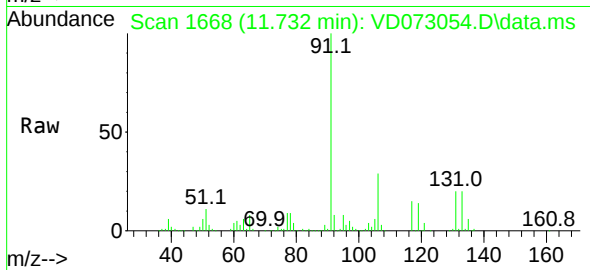




#67
Ethyl Benzene
Concen: 19.534 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

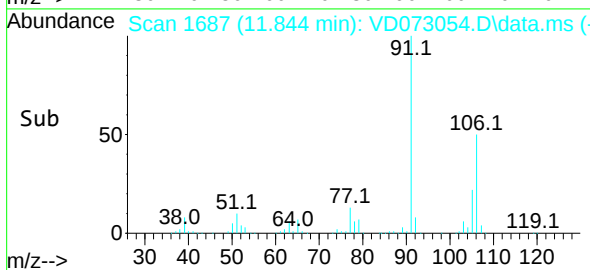
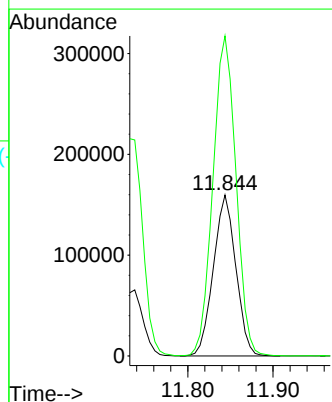
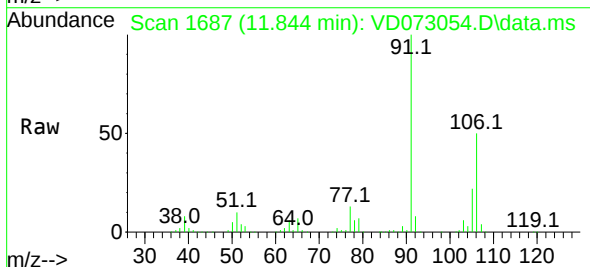
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

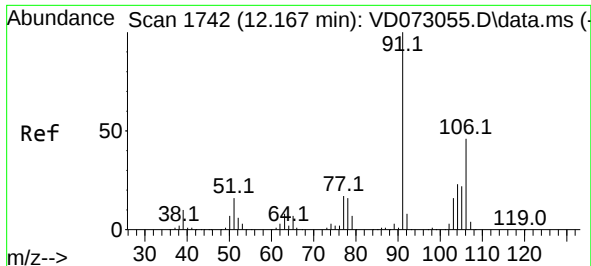
Tgt Ion: 91 Resp: 362623
Ion Ratio Lower Upper
91 100
106 29.1 24.2 36.4



#68
m/p-Xylenes
Concen: 41.012 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 106 Resp: 292507
Ion Ratio Lower Upper
106 100
91 204.1 163.7 245.5

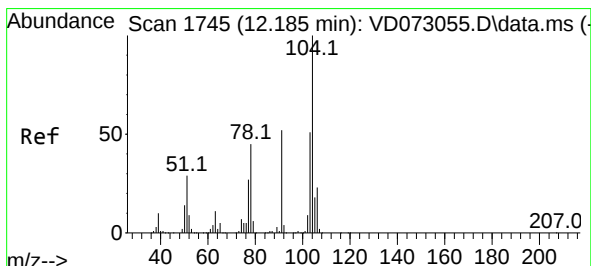
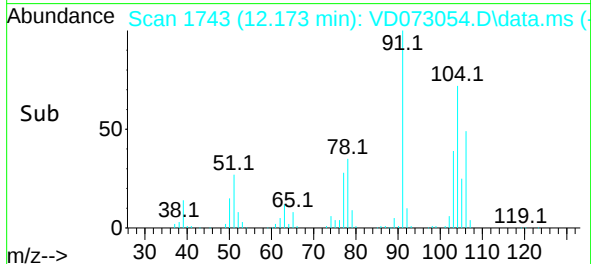
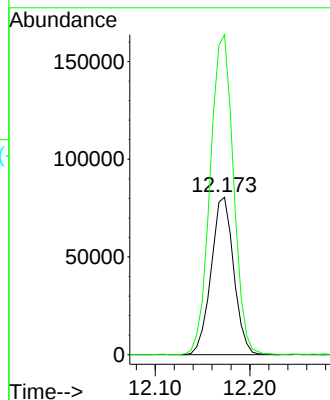
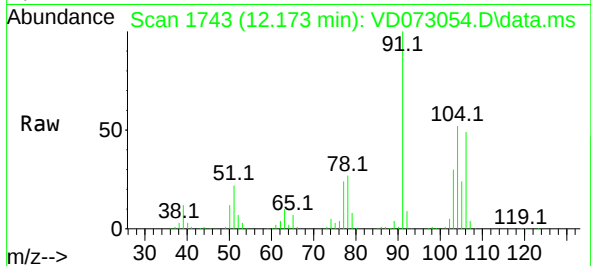




#69
o-Xylene
Concen: 19.985 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

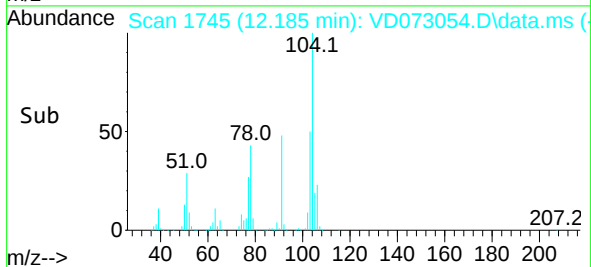
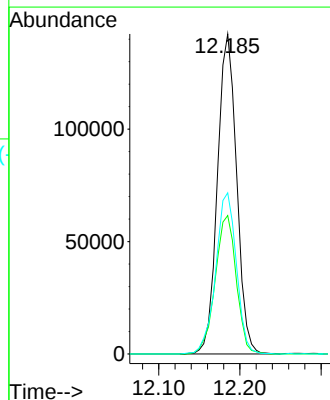
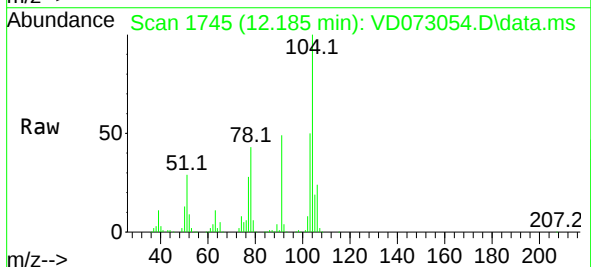
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

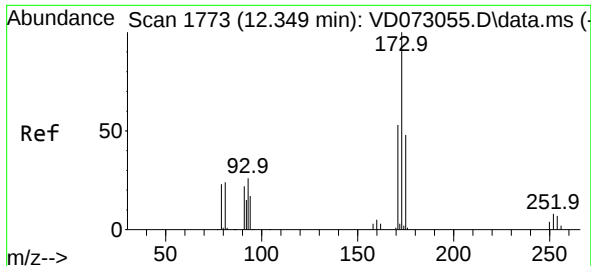
Tgt Ion:106 Resp: 133144
Ion Ratio Lower Upper
106 100
91 210.6 110.4 331.2



#70
Styrene
Concen: 20.188 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion:104 Resp: 233924
Ion Ratio Lower Upper
104 100
78 47.5 41.8 62.8
103 54.4 44.2 66.4

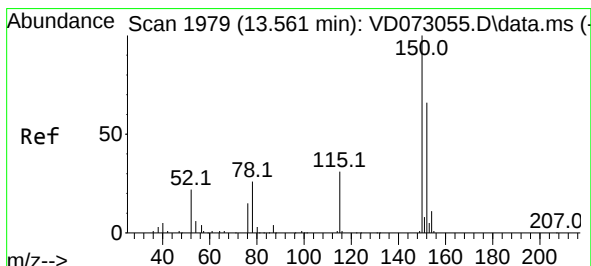
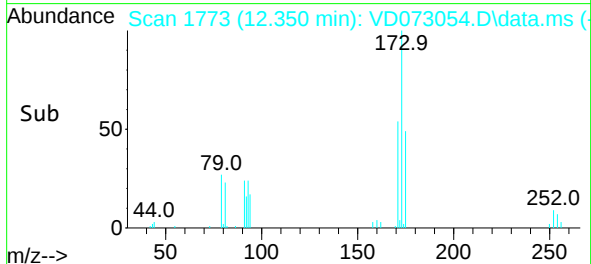
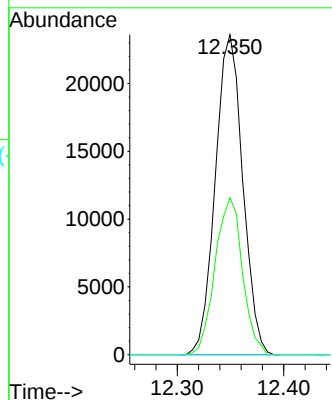
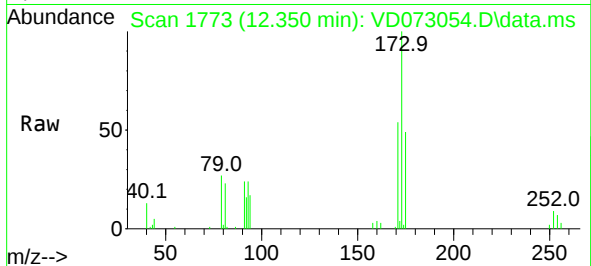




#71
Bromoform
Concen: 19.246 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

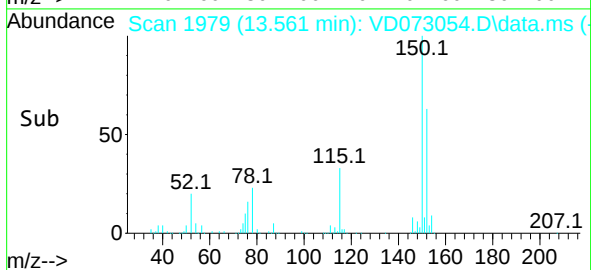
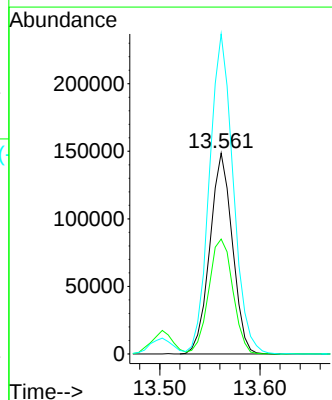
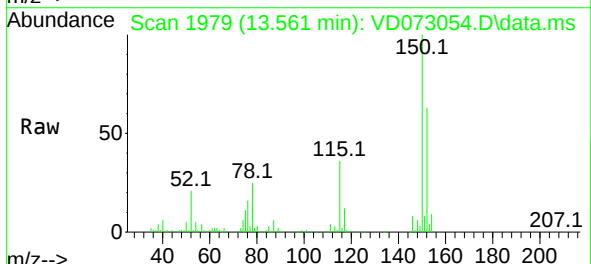
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

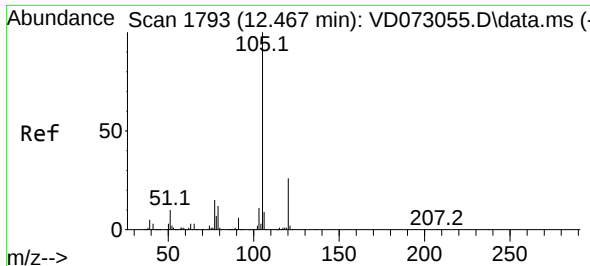
Tgt Ion:173 Resp: 42144
Ion Ratio Lower Upper
173 100
175 48.9 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion:152 Resp: 232073
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 168.6 0.0 348.6

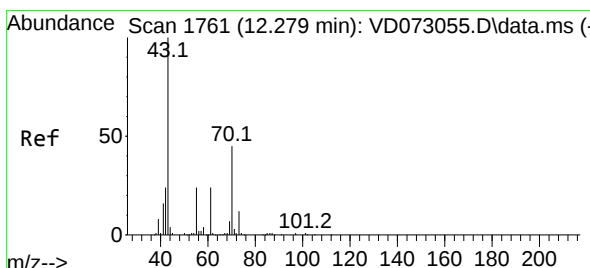
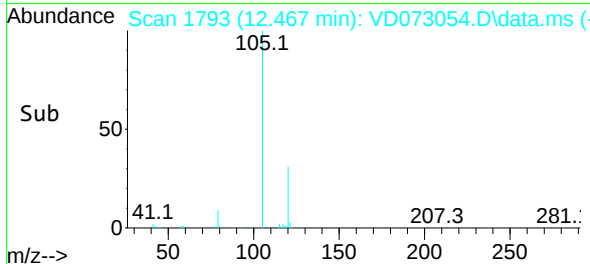
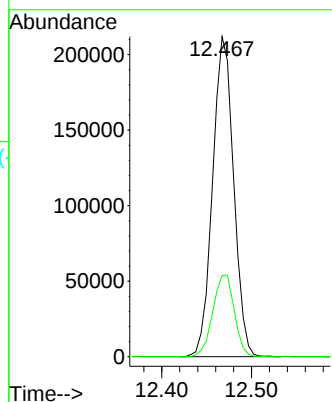
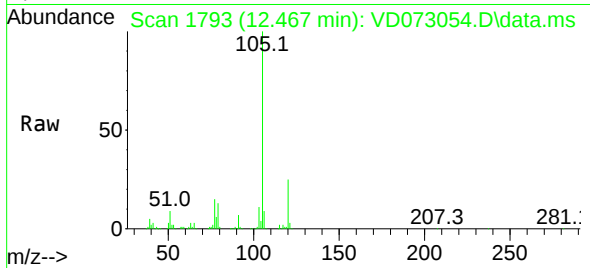




#73
Isopropylbenzene
Concen: 19.284 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

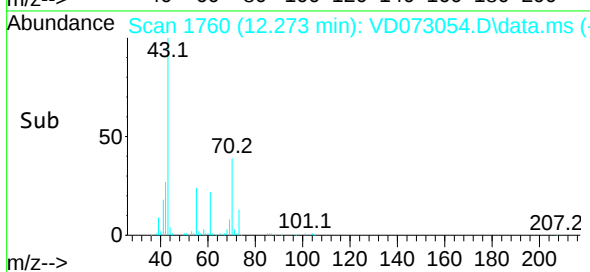
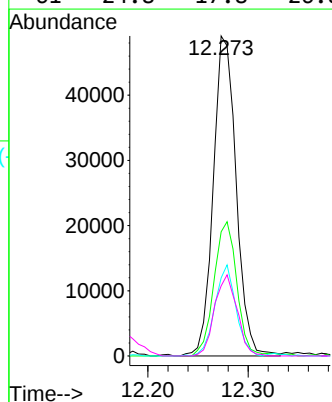
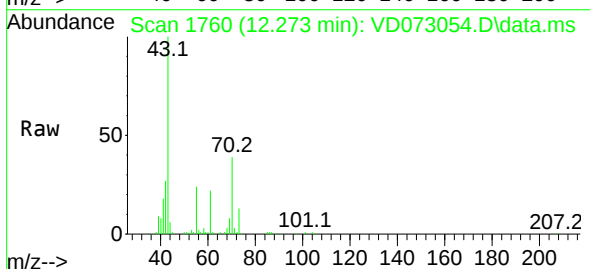
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MSVOA_D
ClientSampleId :
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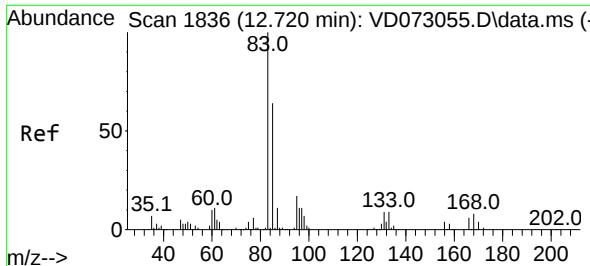
Tgt Ion:105 Resp: 344298
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 17.601 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 43 Resp: 77941
Ion Ratio Lower Upper
43 100
70 42.3 31.3 46.9
55 26.2 20.0 30.0
61 24.8 17.8 26.8

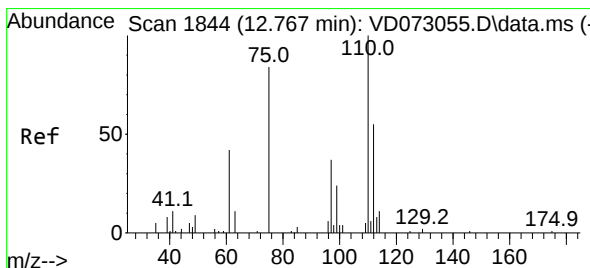
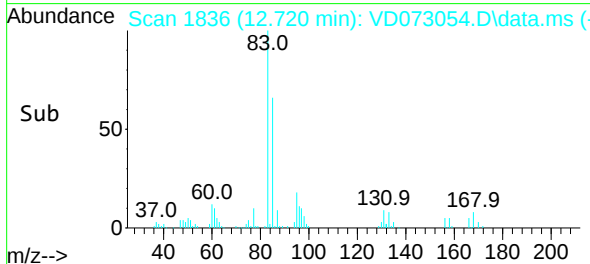
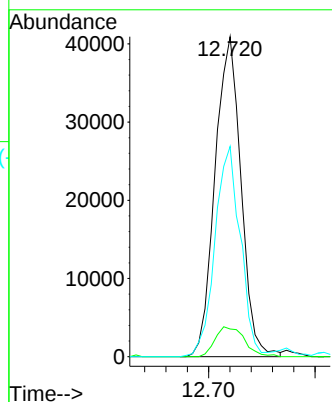
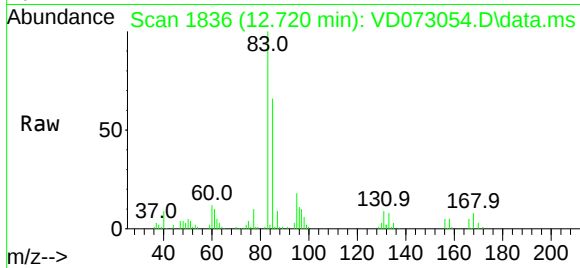




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.081 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD073054.D
 Acq: 17 May 2022 11:15

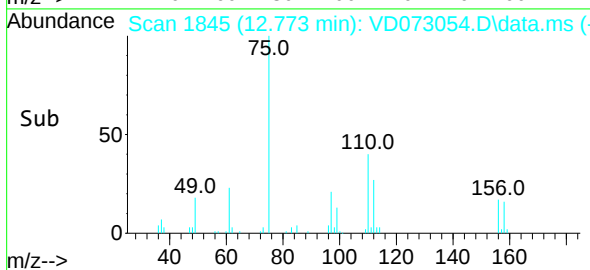
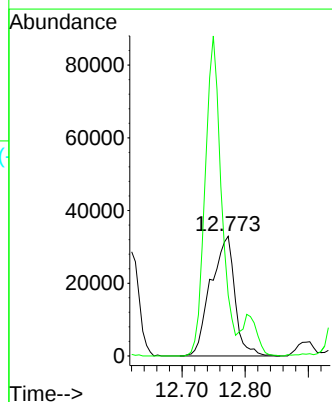
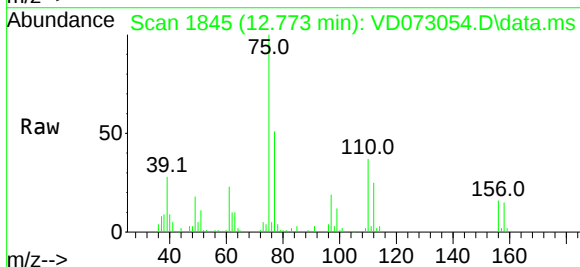
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 ClientSampleId :
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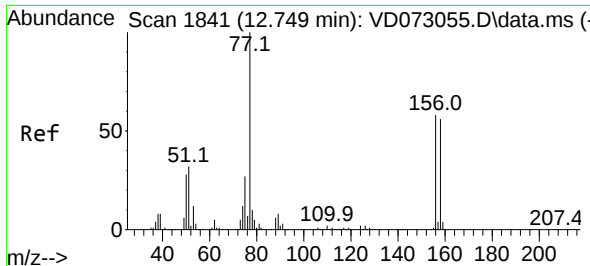
Tgt Ion: 83 Resp: 69209
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.0 14.9
 85 64.3 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 34.043 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VD073054.D
 Acq: 17 May 2022 11:15

Tgt Ion: 75 Resp: 87050
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

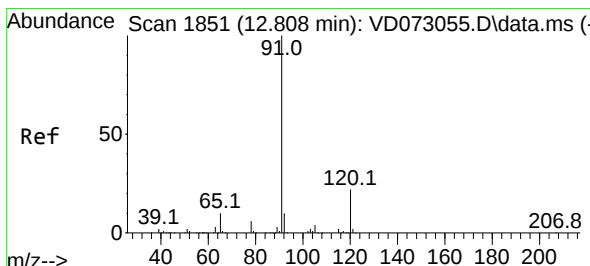
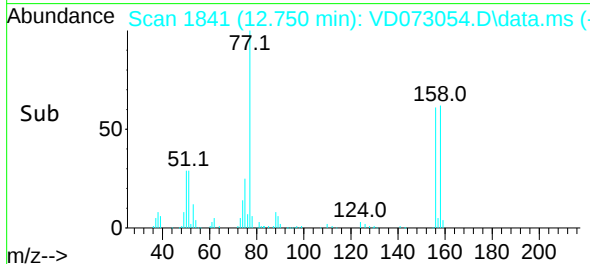
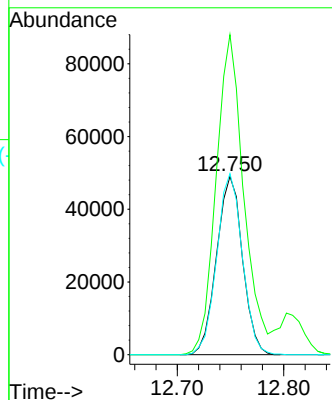
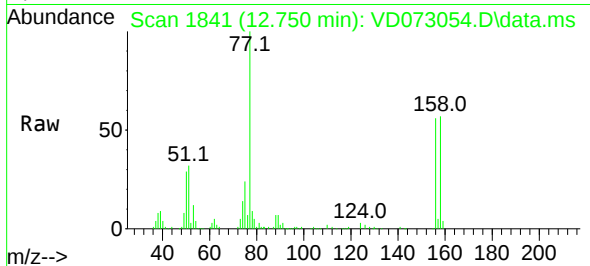




#77
Bromobenzene
Concen: 19.432 ug/l
RT: 12.750 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

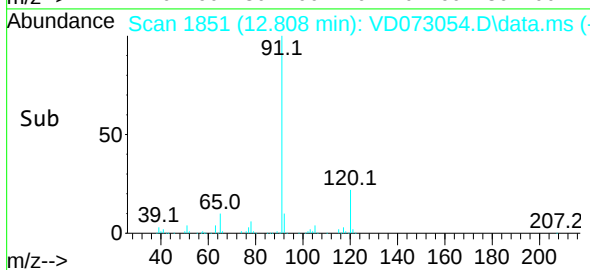
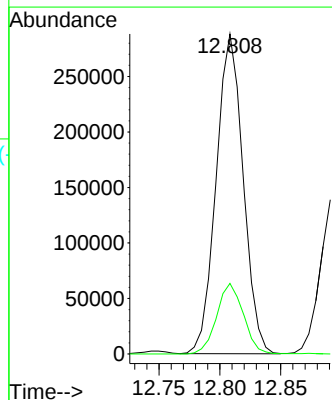
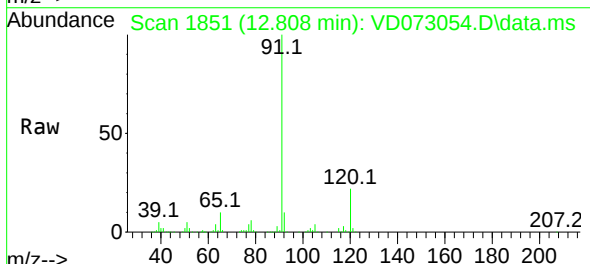
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

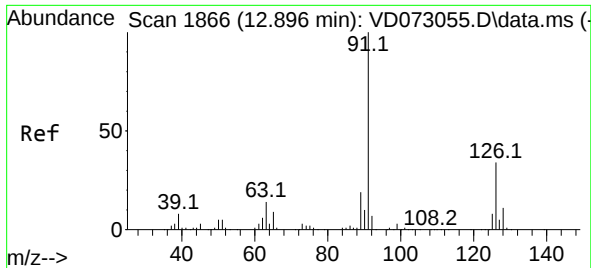
Tgt Ion:156 Resp: 82817
Ion Ratio Lower Upper
156 100
77 190.8 102.8 308.3
158 100.2 48.7 146.1



#78
n-propylbenzene
Concen: 19.780 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 91 Resp: 444845
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9





#79

2-Chlorotoluene

Concen: 19.577 ug/l

RT: 12.897 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

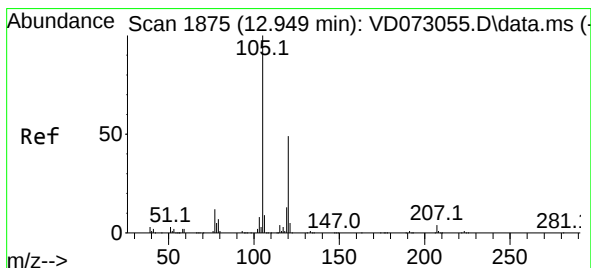
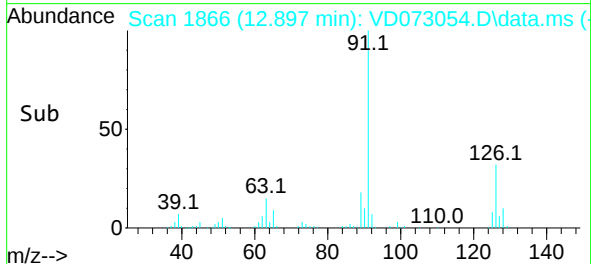
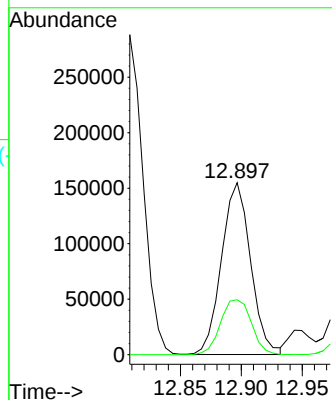
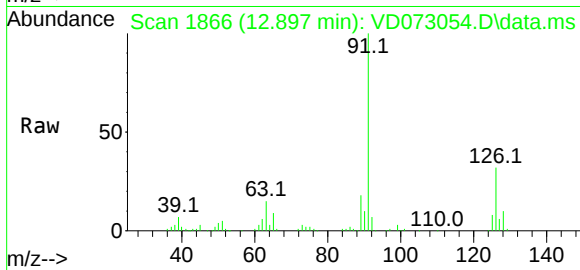
VSTDIC020

Tgt Ion: 91 Resp: 258072

Ion Ratio Lower Upper

91 100

126 34.0 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 20.070 ug/l

RT: 12.950 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073054.D

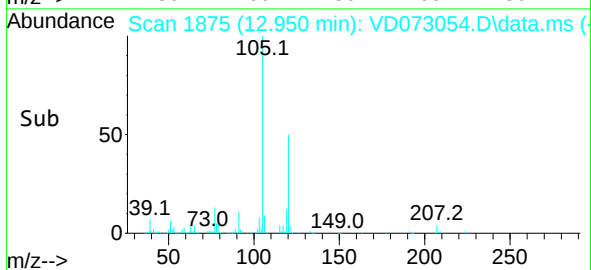
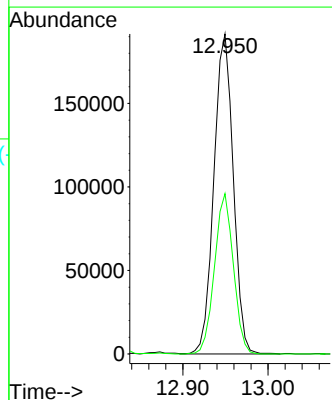
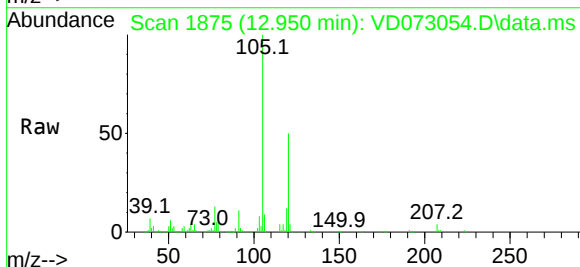
Acq: 17 May 2022 11:15

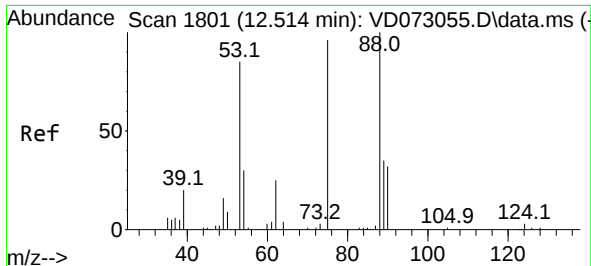
Tgt Ion: 105 Resp: 303523

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8

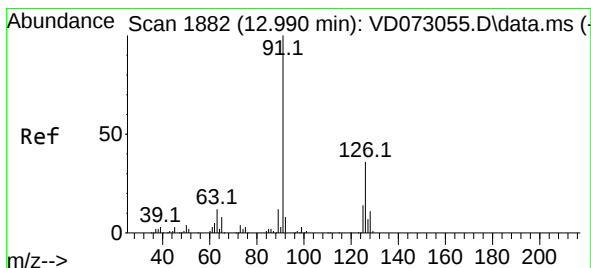
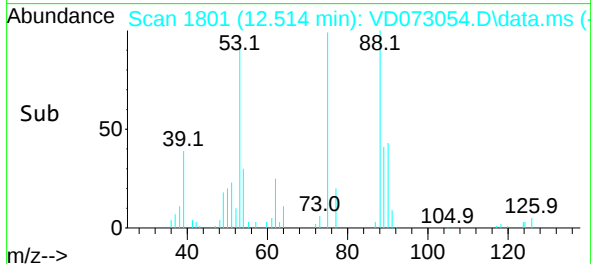
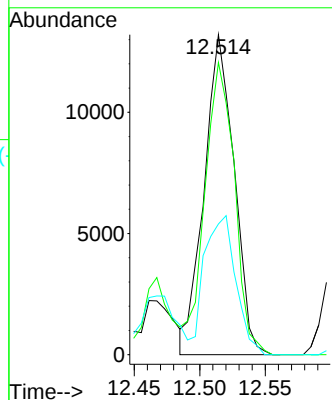
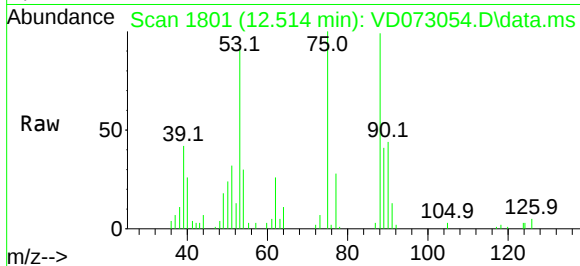




#81
trans-1,4-Dichloro-2-butene
Concen: 18.828 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

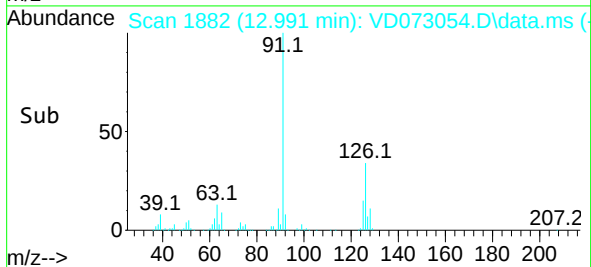
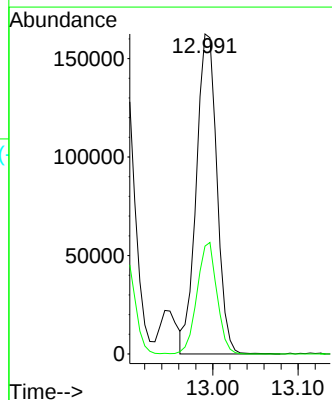
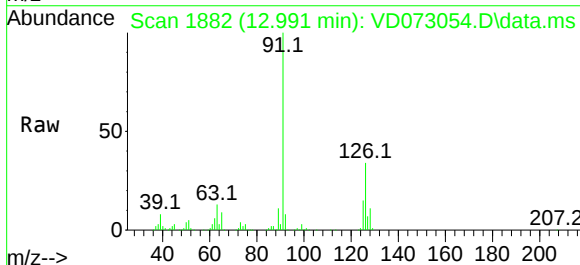
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

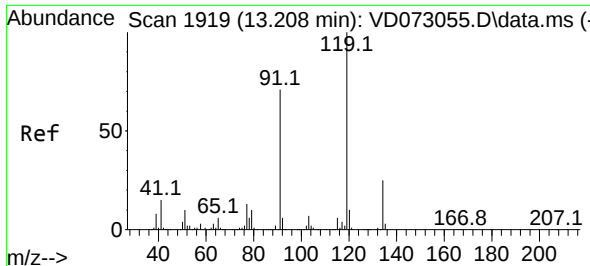
Tgt Ion: 75 Resp: 21010
Ion Ratio Lower Upper
75 100
53 90.8 86.5 129.7
89 45.7 33.9 50.9



#82
4-Chlorotoluene
Concen: 19.770 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 91 Resp: 272103
Ion Ratio Lower Upper
91 100
126 33.7 16.5 49.5

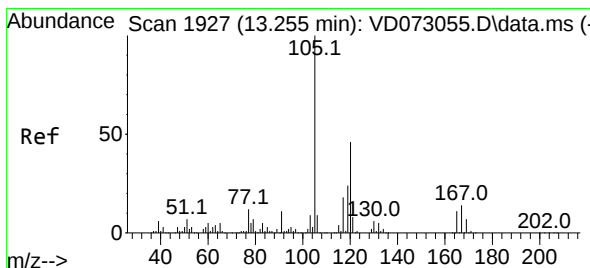
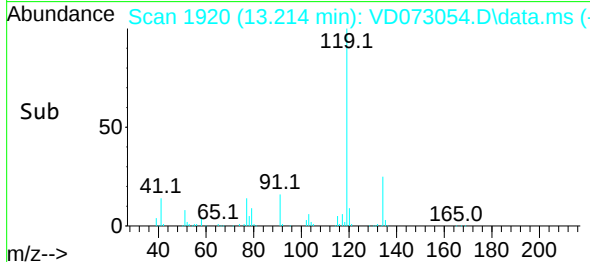
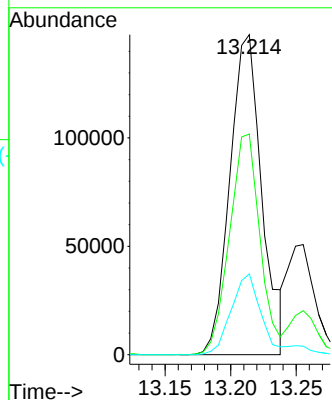
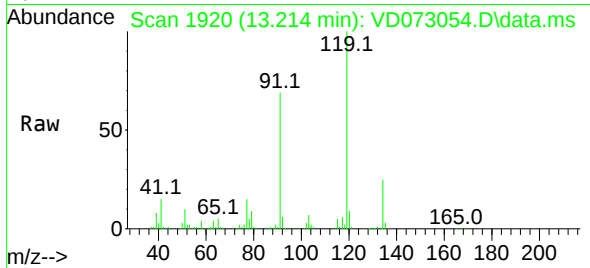




#83
tert-Butylbenzene
Concen: 19.504 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

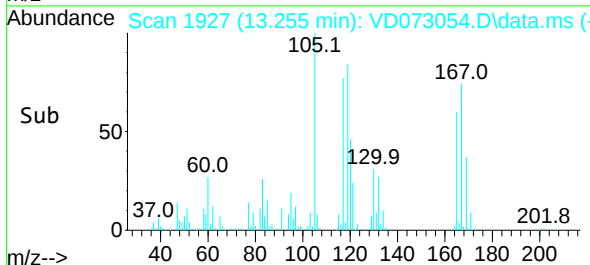
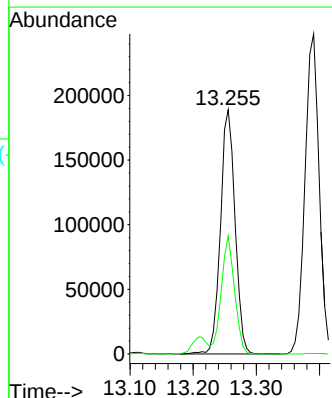
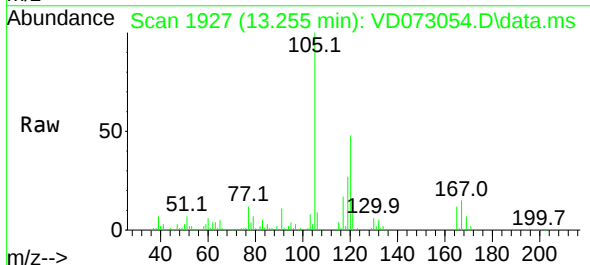
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

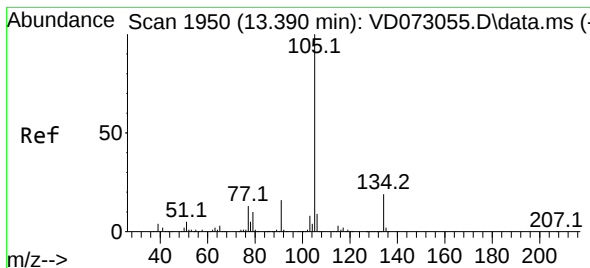
Tgt Ion:119 Resp: 250689
Ion Ratio Lower Upper
119 100
91 65.9 34.8 104.5
134 25.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.021 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion:105 Resp: 303396
Ion Ratio Lower Upper
105 100
120 44.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.879 ug/l

RT: 13.391 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

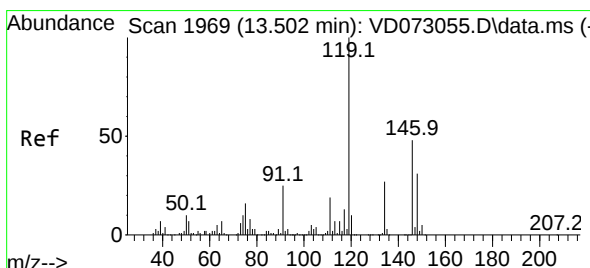
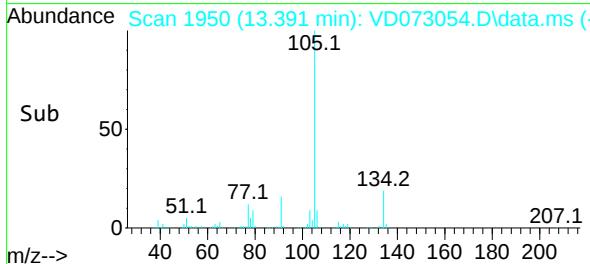
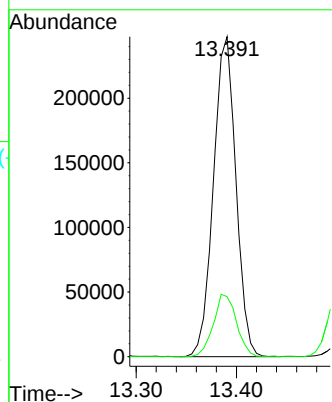
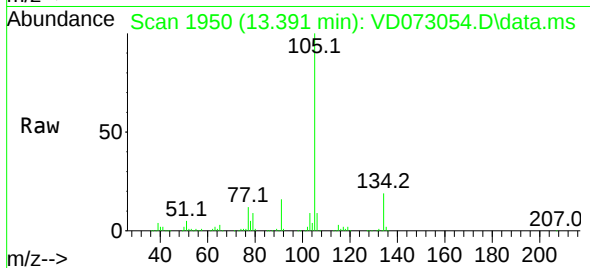
VSTDIC020

Tgt Ion:105 Resp: 385154

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.707 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

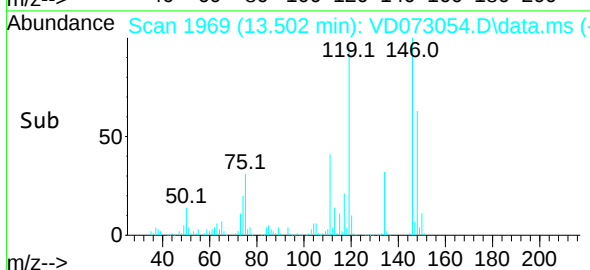
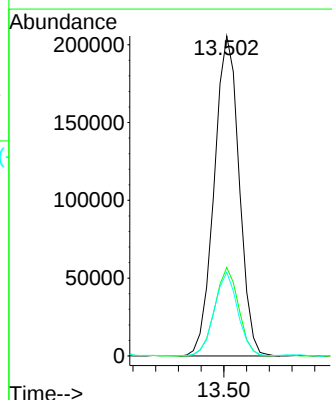
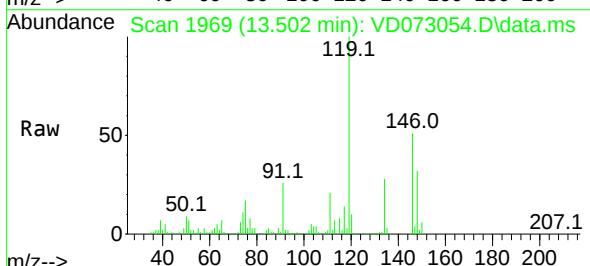
Tgt Ion:119 Resp: 313439

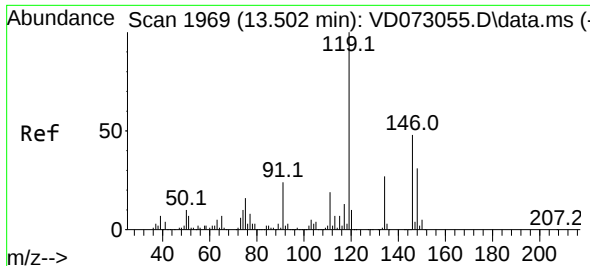
Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

91 24.7 12.1 36.3

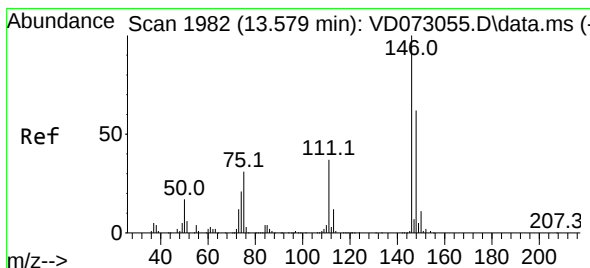
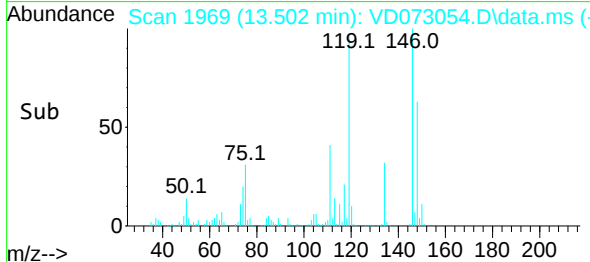
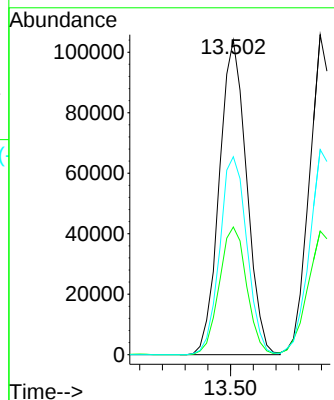
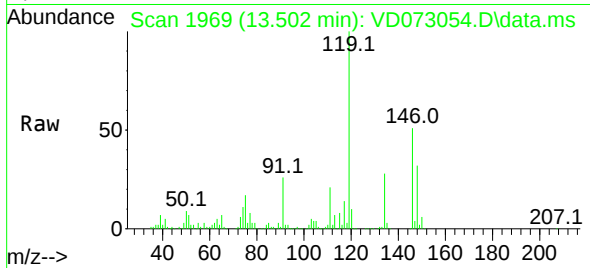




#87
1,3-Dichlorobenzene
Concen: 20.167 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

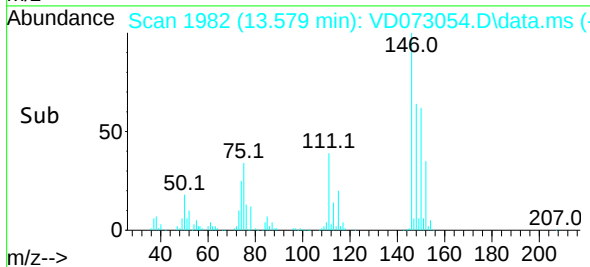
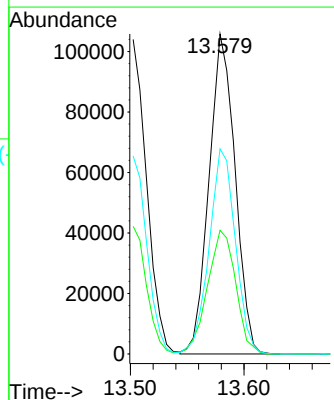
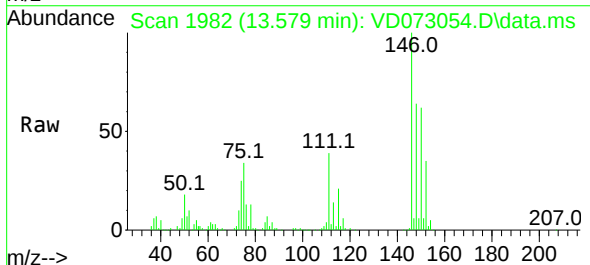
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

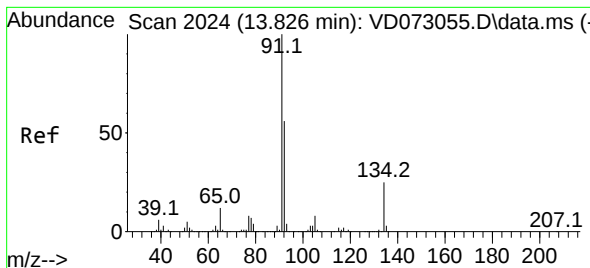
Tgt Ion:146 Resp: 173866
Ion Ratio Lower Upper
146 100
111 40.6 20.4 61.3
148 62.7 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 19.724 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion:146 Resp: 168931
Ion Ratio Lower Upper
146 100
111 41.8 20.3 60.9
148 64.5 31.7 95.1





#89

n-Butylbenzene

Concen: 19.660 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

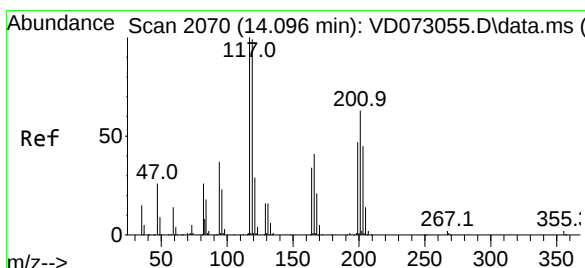
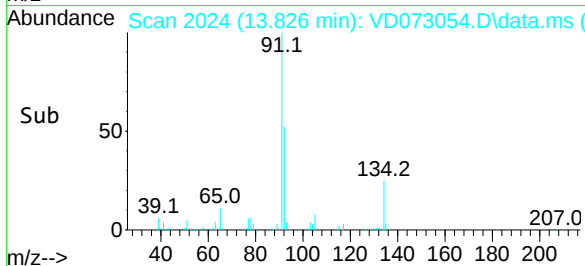
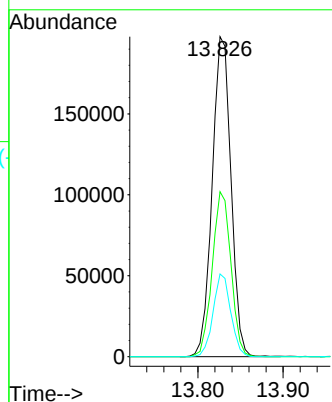
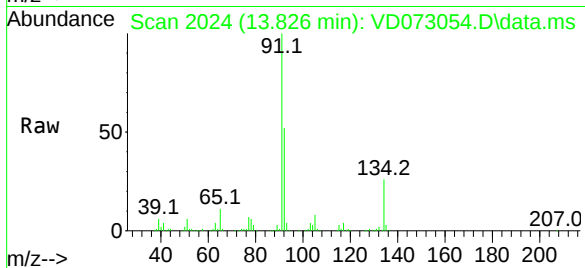
Tgt Ion: 91 Resp: 302595

Ion Ratio Lower Upper

91 100

92 51.3 26.6 79.8

134 24.3 12.3 36.9



#90

Hexachloroethane

Concen: 20.125 ug/l

RT: 14.097 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073054.D

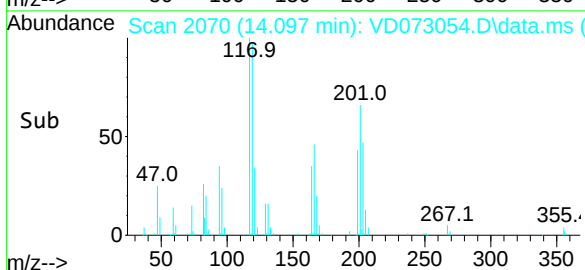
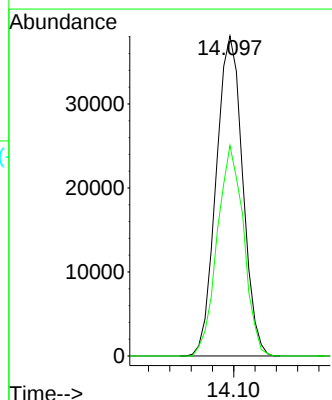
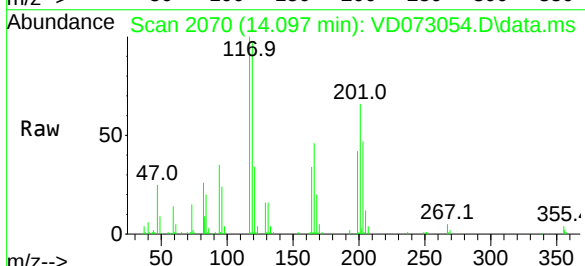
Acq: 17 May 2022 11:15

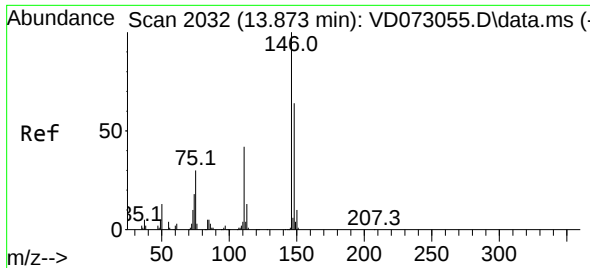
Tgt Ion: 117 Resp: 65729

Ion Ratio Lower Upper

117 100

201 65.5 33.4 100.2

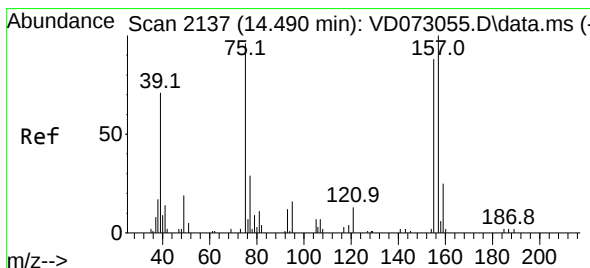
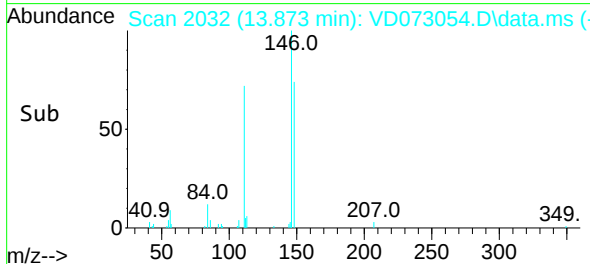
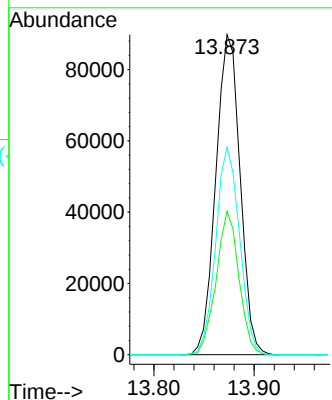
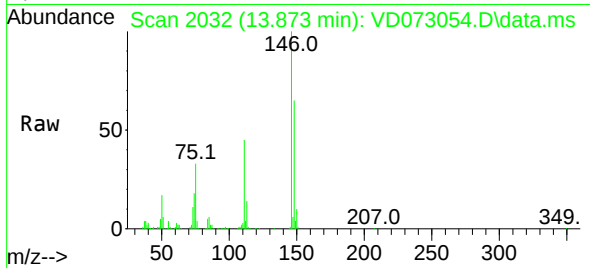




#91
 1,2-Dichlorobenzene
 Concen: 20.183 ug/l
 RT: 13.873 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD073054.D
 Acq: 17 May 2022 11:15

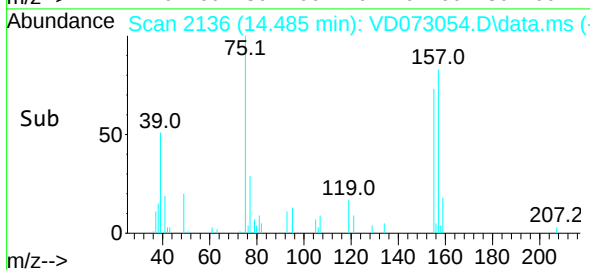
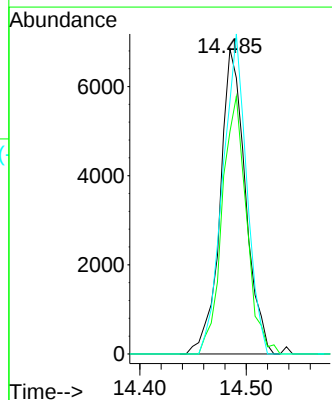
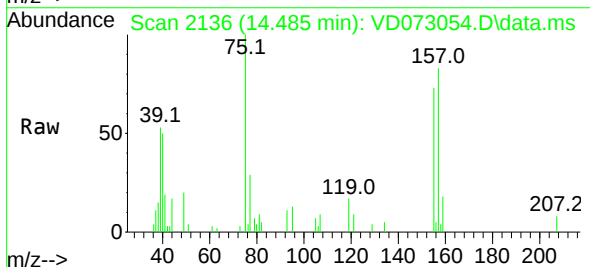
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

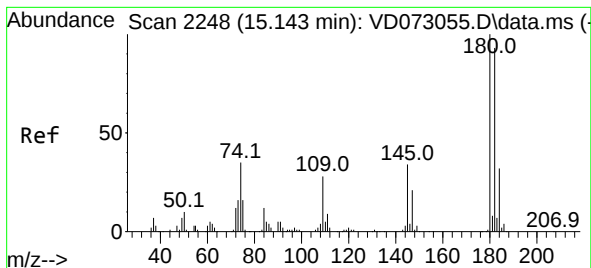
Tgt Ion:146 Resp: 151097
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.1 63.3
 148 63.6 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.761 ug/l
 RT: 14.485 min Scan# 2136
 Delta R.T. -0.006 min
 Lab File: VD073054.D
 Acq: 17 May 2022 11:15

Tgt Ion: 75 Resp: 11289
 Ion Ratio Lower Upper
 75 100
 155 81.2 36.8 110.3
 157 98.9 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 19.596 ug/l

RT: 15.144 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

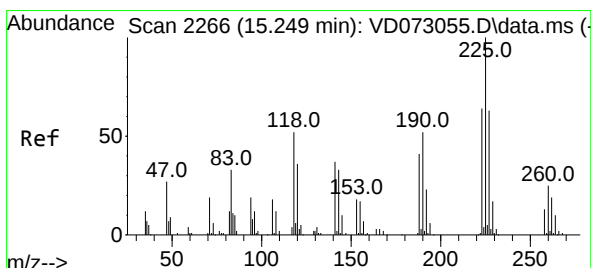
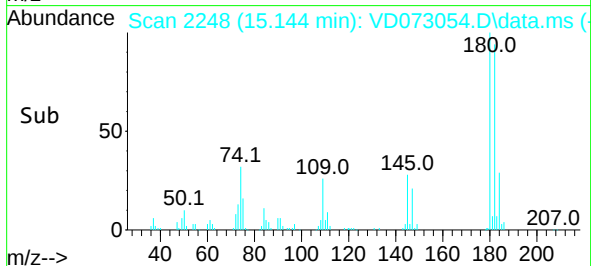
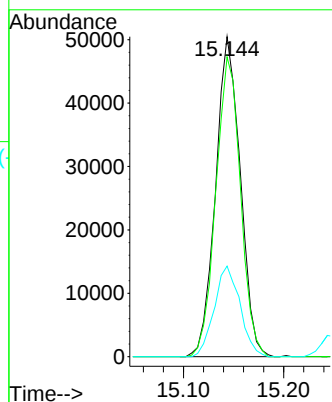
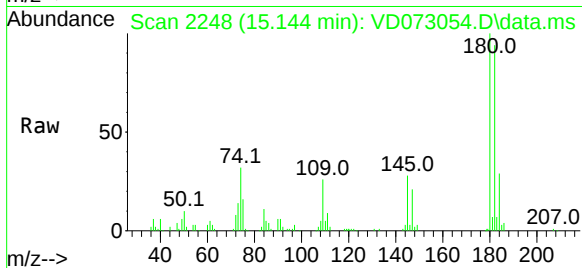
Tgt Ion:180 Resp: 86292

Ion Ratio Lower Upper

180 100

182 93.4 47.3 142.0

145 29.5 16.2 48.5



#94

Hexachlorobutadiene

Concen: 19.480 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

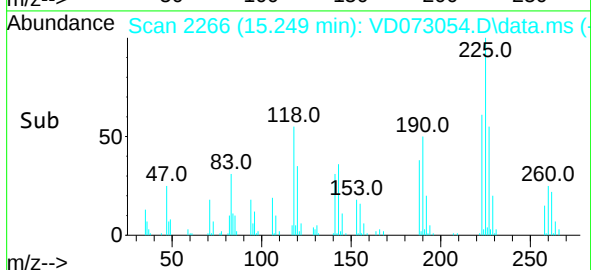
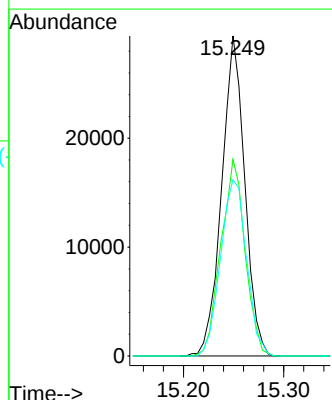
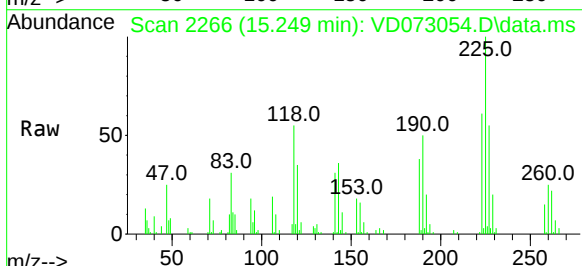
Tgt Ion:225 Resp: 46958

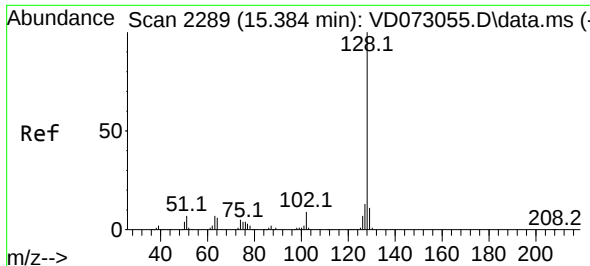
Ion Ratio Lower Upper

225 100

223 64.4 31.1 93.2

227 62.1 32.4 97.0

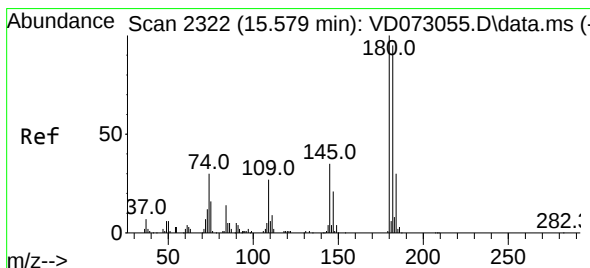
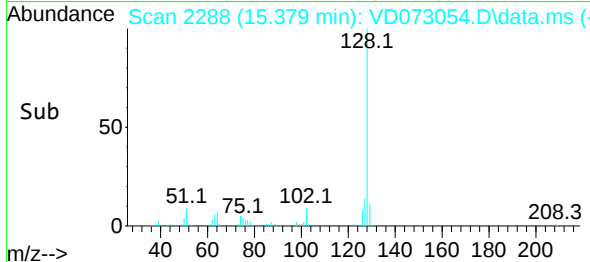
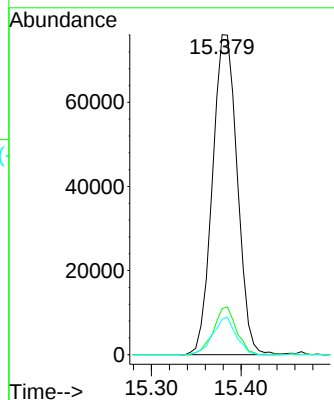
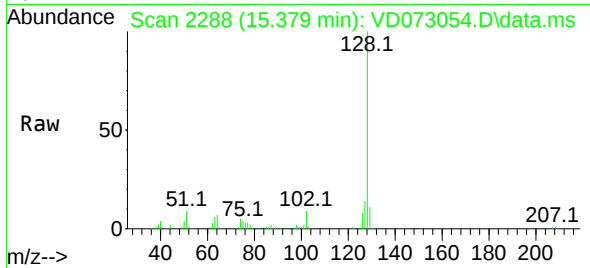




#95
Naphthalene
Concen: 18.042 ug/l
RT: 15.379 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 145879
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 18.893 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion:180 Resp: 73692
Ion Ratio Lower Upper
180 100
182 96.2 47.6 142.9
145 34.2 17.1 51.3

