

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063022\
 Data File : VD073753.D
 Acq On : 30 Jun 2022 16:57
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 01 02:28:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 01 02:25:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	205507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	378754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	343620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	157997	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	45139	22.516	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	45.040%#
35) Dibromofluoromethane	7.903	113	46894	22.791	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	45.580%#
50) Toluene-d8	10.332	98	175483	23.250	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	46.500%#
62) 4-Bromofluorobenzene	12.620	95	65478	21.996	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	44.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.985	85	28595	22.557	ug/l	99
3) Chloromethane	2.209	50	33215	23.352	ug/l	97
4) Vinyl Chloride	2.344	62	36862	22.931	ug/l	95
5) Bromomethane	2.738	94	24398	21.730	ug/l	84
6) Chloroethane	2.897	64	26105	22.344	ug/l	93
7) Trichlorofluoromethane	3.250	101	64564	21.998	ug/l	98
8) Diethyl Ether	3.703	74	20904	21.296	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.079	101	42420	21.797	ug/l	90
10) Methyl Iodide	4.285	142	30127	21.790	ug/l	96
11) Tert butyl alcohol	5.226	59	33301	67.437	ug/l #	100
12) 1,1-Dichloroethene	4.056	96	35965	21.560	ug/l	90
13) Acrolein	3.909	56	14906	323.727	ug/l	98
14) Allyl chloride	4.709	41	62206	21.624	ug/l	98
15) Acrylonitrile	5.415	53	54890	102.688	ug/l	97
16) Acetone	4.156	43	39111	93.767	ug/l	97
17) Carbon Disulfide	4.397	76	62938	23.805	ug/l #	95
18) Methyl Acetate	4.715	43	30877	19.096	ug/l	92
19) Methyl tert-butyl Ether	5.467	73	114065	21.039	ug/l	99
20) Methylene Chloride	4.950	84	53055	19.583	ug/l	92
21) trans-1,2-Dichloroethene	5.456	96	40598	21.490	ug/l	92
22) Diisopropyl ether	6.362	45	148255	20.466	ug/l	98
23) Vinyl Acetate	6.303	43	388994	106.157	ug/l	97
24) 1,1-Dichloroethane	6.256	63	85847	21.203	ug/l	96
25) 2-Butanone	7.209	43	67159	98.044	ug/l	96
26) 2,2-Dichloropropane	7.203	77	77051	20.594	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	54737	21.484	ug/l	98
28) Bromochloromethane	7.538	49	28621	18.385	ug/l	82
29) Tetrahydrofuran	7.561	42	44792	103.452	ug/l	92
30) Chloroform	7.703	83	91075	21.217	ug/l	100
31) Cyclohexane	7.973	56	67947	21.236	ug/l #	86
32) 1,1,1-Trichloroethane	7.891	97	79911	21.227	ug/l	98
36) 1,1-Dichloropropene	8.103	75	60701	21.248	ug/l	100
37) Ethyl Acetate	7.285	43	30187	20.044	ug/l #	96
38) Carbon Tetrachloride	8.091	117	66526	21.689	ug/l	94
39) Methylcyclohexane	9.344	83	71213	21.887	ug/l	97
40) Benzene	8.344	78	178055	21.101	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	17641	19.273	ug/l #	90
42) 1,2-Dichloroethane	8.414	62	52358	20.587	ug/l	95
43) Isopropyl Acetate	8.444	43	65023	20.250	ug/l	98
44) Trichloroethene	9.103	130	47341	21.118	ug/l	97
45) 1,2-Dichloropropane	9.373	63	50418	20.996	ug/l	97
46) Dibromomethane	9.467	93	25823	20.492	ug/l #	87
47) Bromodichloromethane	9.650	83	71763	21.049	ug/l	95
48) Methyl methacrylate	9.450	41	29970	20.805	ug/l	96
49) 1,4-Dioxane	9.450	88	6882	406.330	ug/l #	89
51) 4-Methyl-2-Pentanone	10.220	43	164690	100.761	ug/l	95
52) Toluene	10.391	92	118296	21.017	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	70504	21.049	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	79268	20.905	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	38163	20.257	ug/l	96
56) Ethyl methacrylate	10.650	69	49941	19.990	ug/l	94
57) 1,3-Dichloropropane	10.938	76	64882	20.461	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	92484	91.325	ug/l	94
59) 2-Hexanone	10.973	43	110475	99.192	ug/l	96
60) Dibromochloromethane	11.126	129	46306	20.243	ug/l	95
61) 1,2-Dibromoethane	11.232	107	34871	20.036	ug/l	97
64) Tetrachloroethene	10.867	164	36403	20.725	ug/l	93
65) Chlorobenzene	11.661	112	133234	21.010	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	50077	20.944	ug/l	97
67) Ethyl Benzene	11.732	91	242563	20.825	ug/l	96
68) m/p-Xylenes	11.844	106	185265	41.810	ug/l	99
69) o-Xylene	12.167	106	88657	20.439	ug/l	100
70) Styrene	12.185	104	152589	20.541	ug/l	98
71) Bromoform	12.349	173	25192	20.202	ug/l #	98
73) Isopropylbenzene	12.467	105	241645	20.188	ug/l	99
74) N-amyl acetate	12.273	43	62467	19.220	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	47808	20.037	ug/l	98
76) 1,2,3-Trichloropropane	12.944	75	7743	5.128	ug/l	94
77) Bromobenzene	12.749	156	50545	20.611	ug/l	89
78) n-propylbenzene	12.808	91	308851	20.615	ug/l	98
79) 2-Chlorotoluene	12.896	91	168684	20.174	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	201466	20.236	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	15743	20.114	ug/l	91
82) 4-Chlorotoluene	12.991	91	177900	20.520	ug/l	98
83) tert-Butylbenzene	13.208	119	181307	20.581	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	200374	20.367	ug/l	99
85) sec-Butylbenzene	13.385	105	280697	20.595	ug/l	97
86) p-Isopropyltoluene	13.502	119	223631	20.476	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	104694	20.485	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	103081	20.236	ug/l	95
89) n-Butylbenzene	13.826	91	227080	20.601	ug/l	99
90) Hexachloroethane	14.096	117	44910	20.800	ug/l	86
91) 1,2-Dichlorobenzene	13.873	146	91529	20.246	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	8368	21.292	ug/l	83
93) 1,2,4-Trichlorobenzene	15.143	180	54002	20.028	ug/l	98
94) Hexachlorobutadiene	15.249	225	27511	20.557	ug/l	98
95) Naphthalene	15.379	128	118141	19.765	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	46787	19.951	ug/l	95

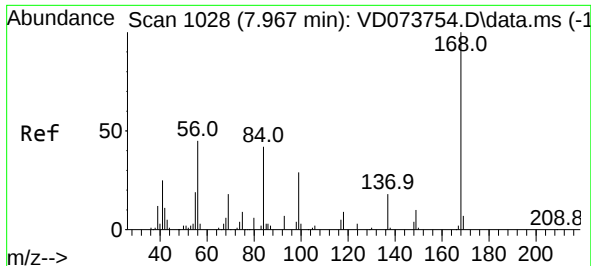
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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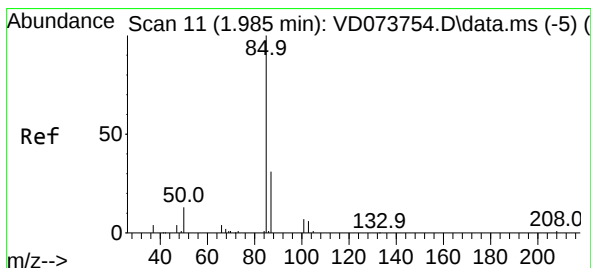
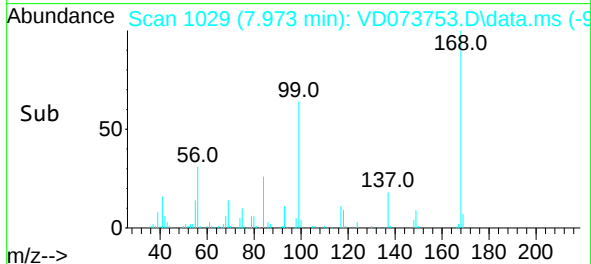
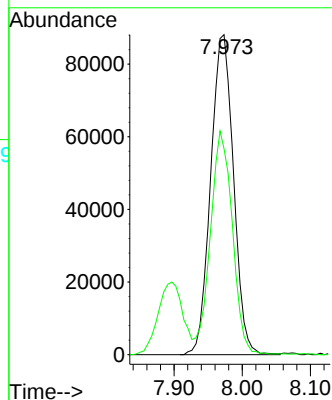
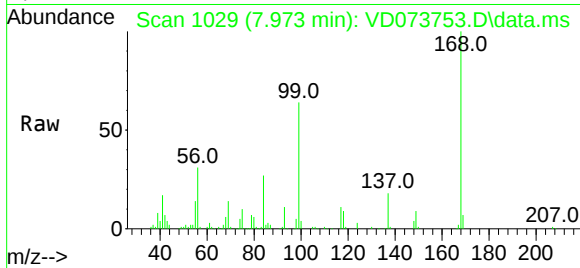
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

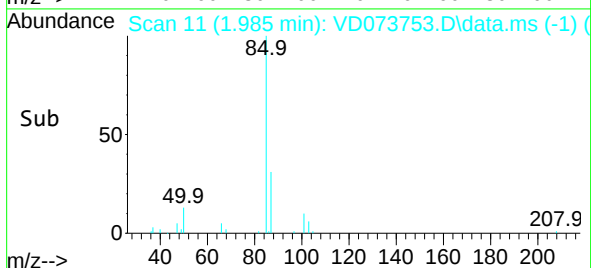
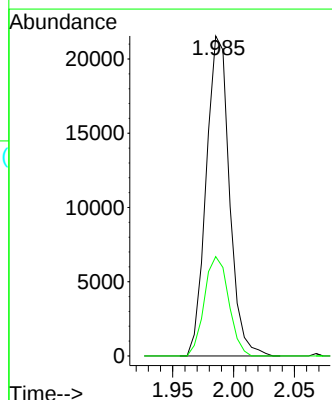
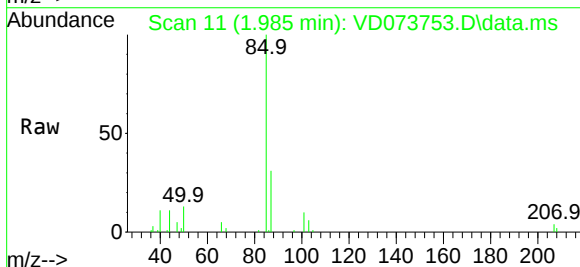
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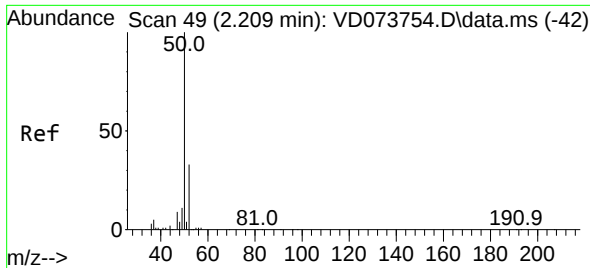
Tgt Ion:168 Resp: 205507
Ion Ratio Lower Upper
168 100
99 64.1 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 22.557 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 85 Resp: 28595
Ion Ratio Lower Upper
85 100
87 31.0 15.2 45.5

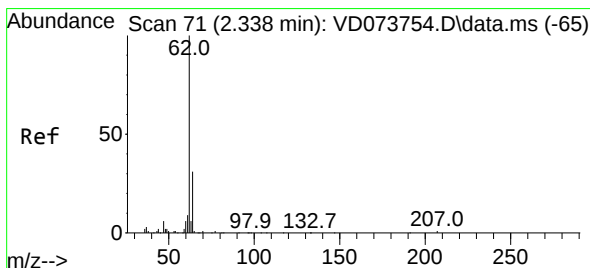
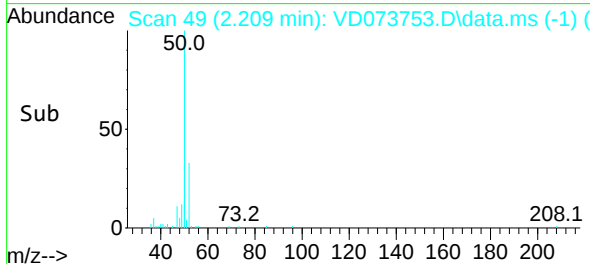
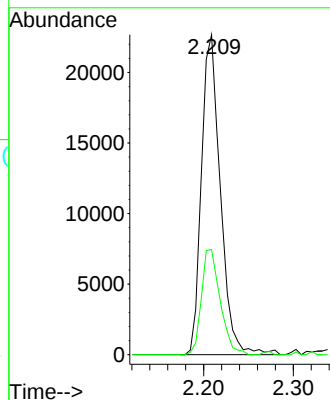
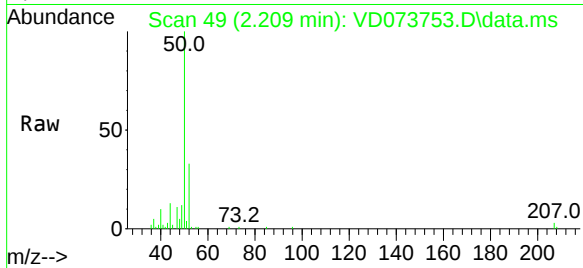




#3
Chloromethane
Concen: 23.352 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

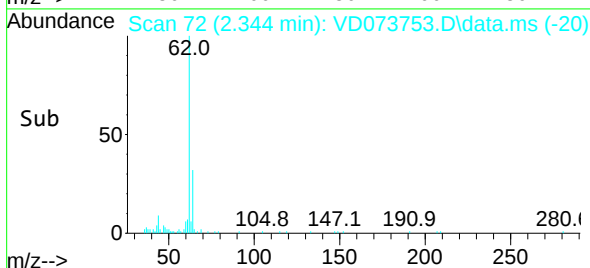
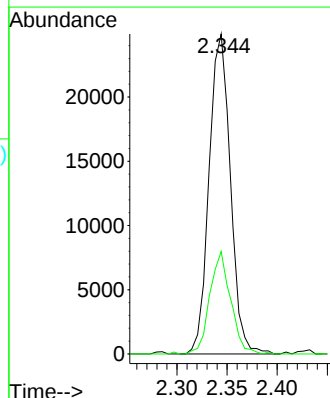
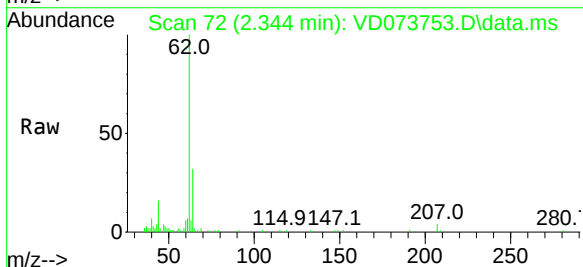
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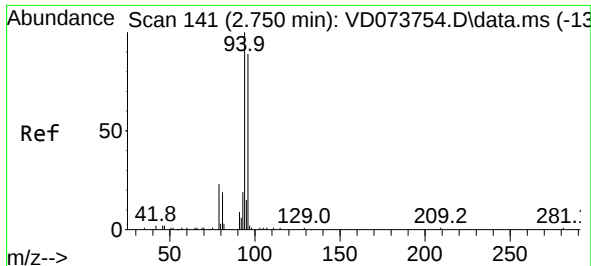
Tgt Ion: 50 Resp: 33215
Ion Ratio Lower Upper
50 100
52 32.8 27.8 41.6



#4
Vinyl Chloride
Concen: 22.931 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.006 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 62 Resp: 36862
Ion Ratio Lower Upper
62 100
64 32.0 27.8 41.6

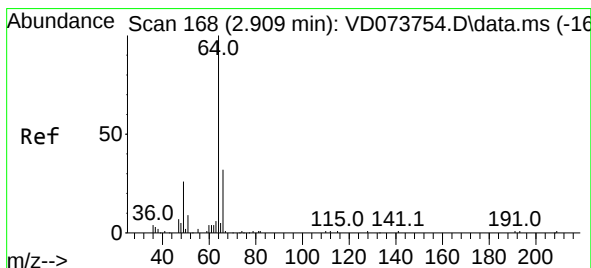
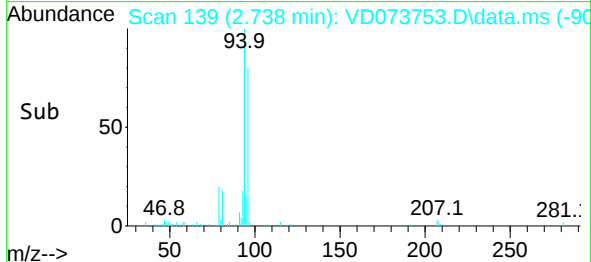
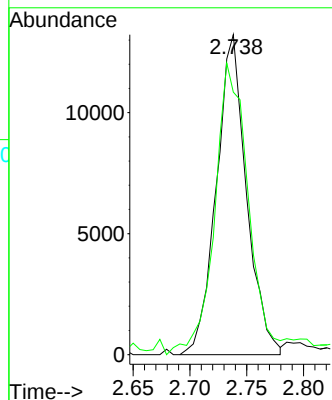
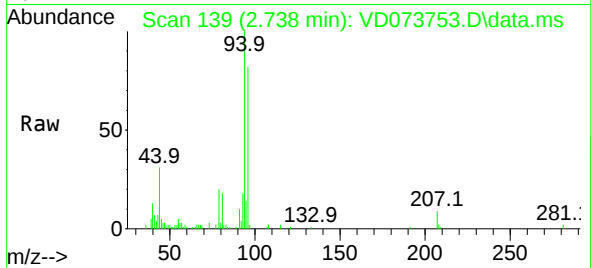




#5
Bromomethane
Concen: 21.730 ug/l
RT: 2.738 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

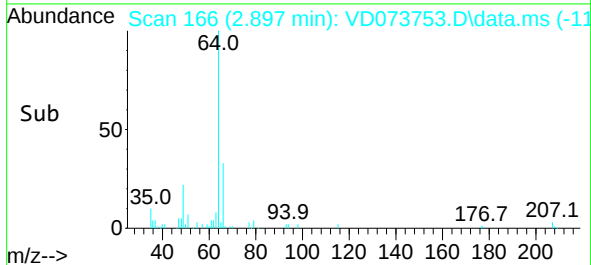
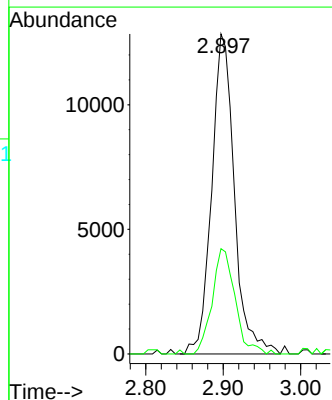
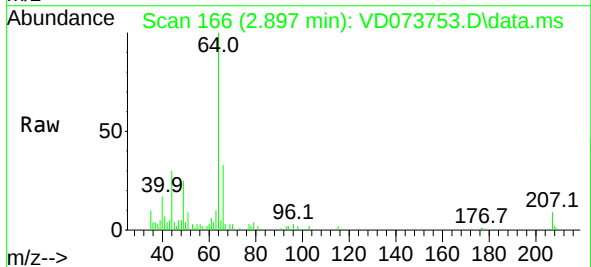
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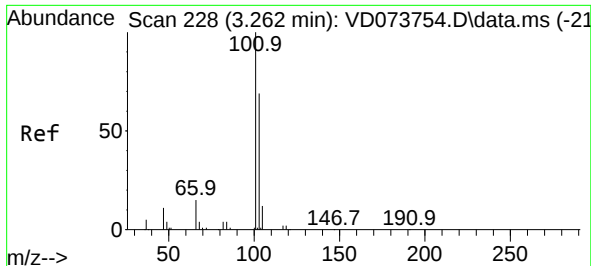
Tgt Ion: 94 Resp: 24398
Ion Ratio Lower Upper
94 100
96 78.7 75.1 112.7



#6
Chloroethane
Concen: 22.344 ug/l
RT: 2.897 min Scan# 166
Delta R.T. -0.012 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 64 Resp: 26105
Ion Ratio Lower Upper
64 100
66 32.9 23.3 34.9

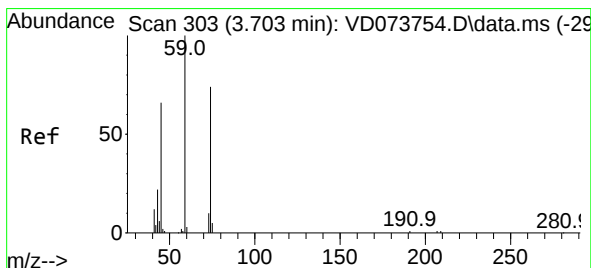
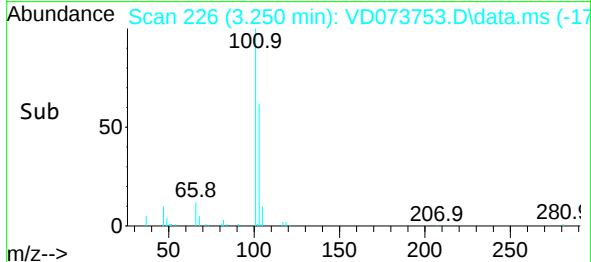
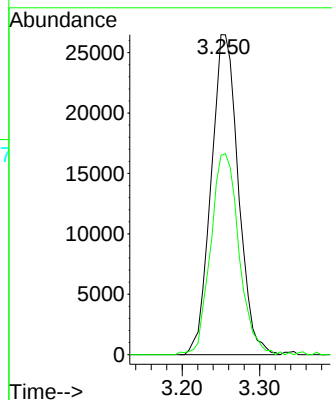
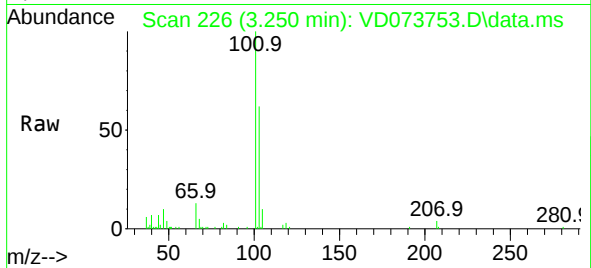




#7
Trichlorofluoromethane
Concen: 21.998 ug/l
RT: 3.250 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

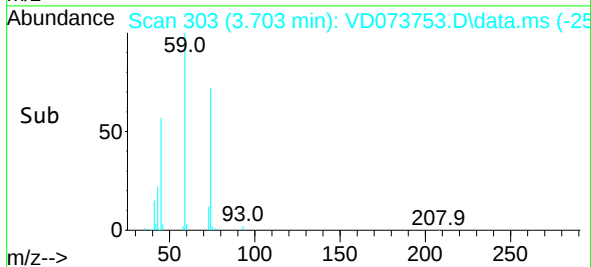
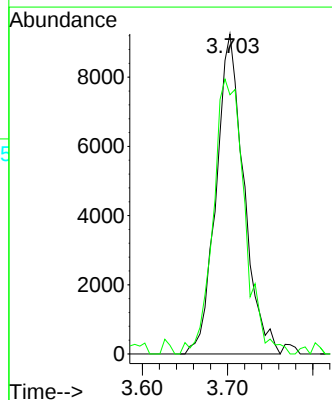
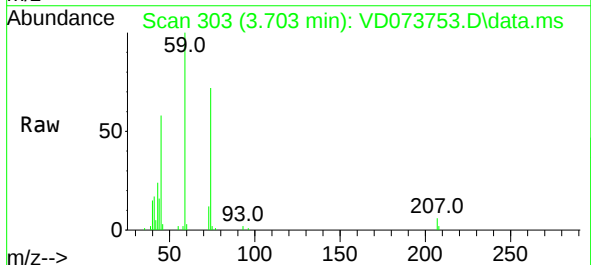
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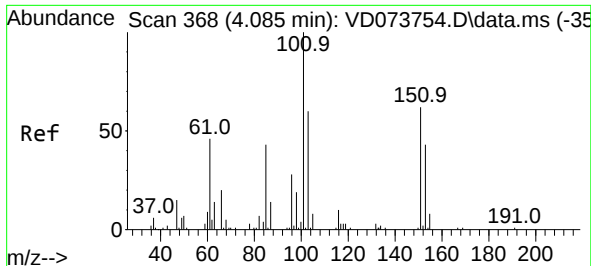
Tgt Ion:101 Resp: 64564
Ion Ratio Lower Upper
101 100
103 61.5 50.4 75.6



#8
Diethyl Ether
Concen: 21.296 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 74 Resp: 20904
Ion Ratio Lower Upper
74 100
45 97.3 45.0 134.8

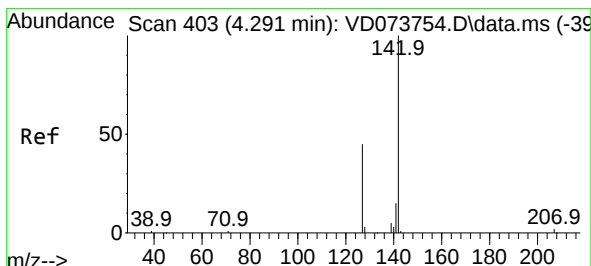
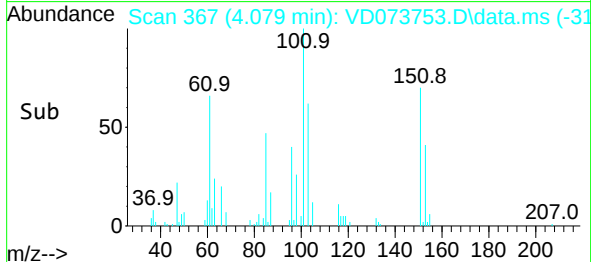
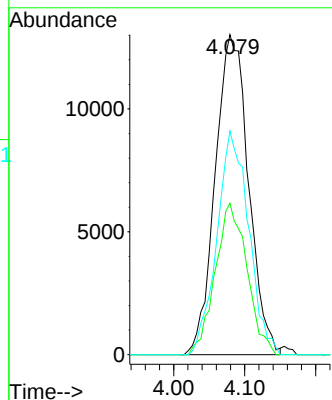
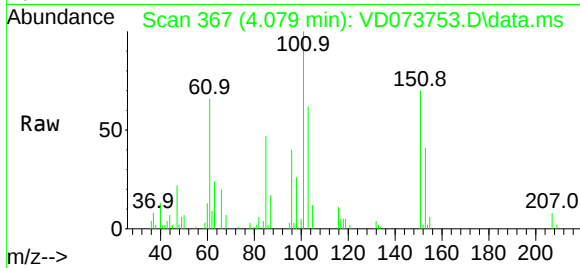




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.797 ug/l
RT: 4.079 min Scan# 367
Delta R.T. -0.006 min
Lab File: VD073753.D
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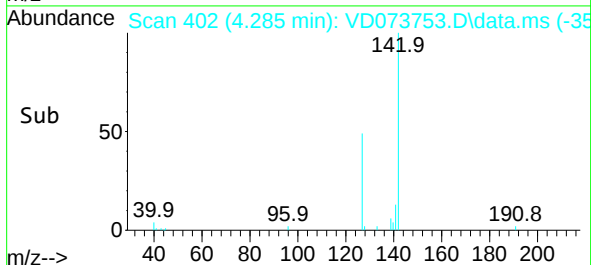
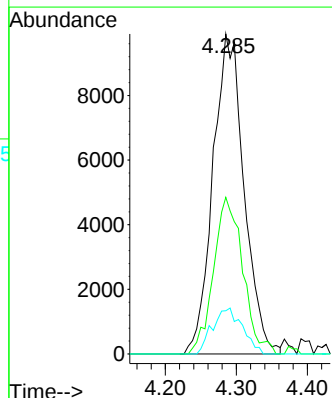
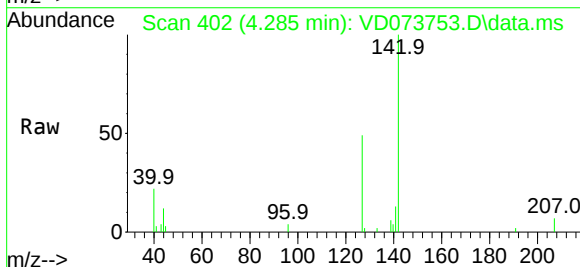
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

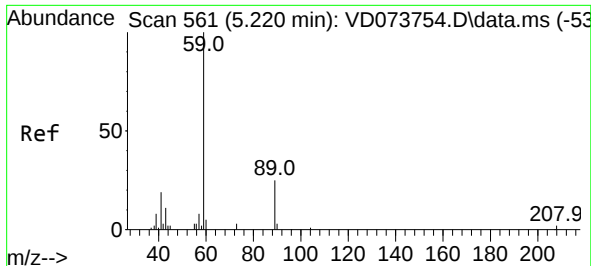
Tgt Ion:101 Resp: 42420
Ion Ratio Lower Upper
101 100
85 45.1 34.8 52.2
151 66.7 63.4 95.0



#10
Methyl Iodide
Concen: 21.790 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.006 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion:142 Resp: 30127
Ion Ratio Lower Upper
142 100
127 46.0 39.4 59.2
141 13.8 11.9 17.9

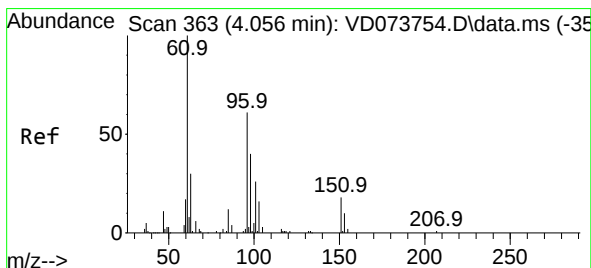
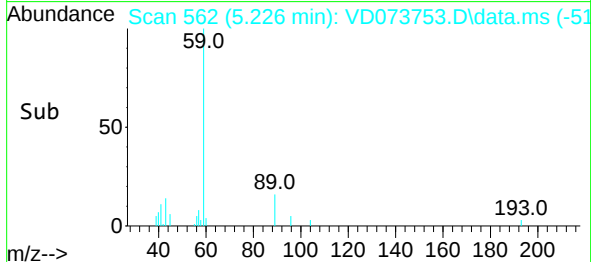
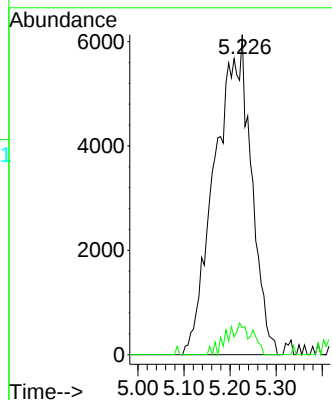
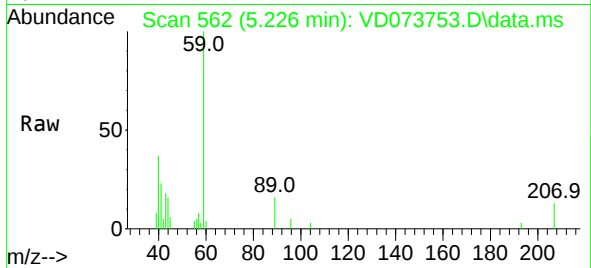




#11
Tert butyl alcohol
Concen: 67.437 ug/l
RT: 5.226 min Scan# 561
Delta R.T. 0.006 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

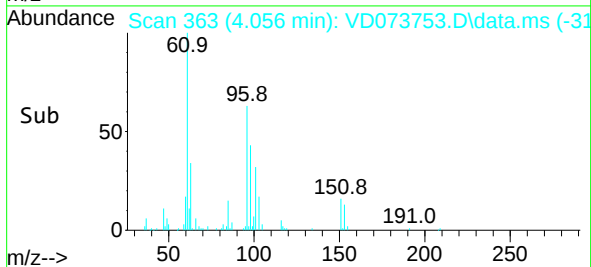
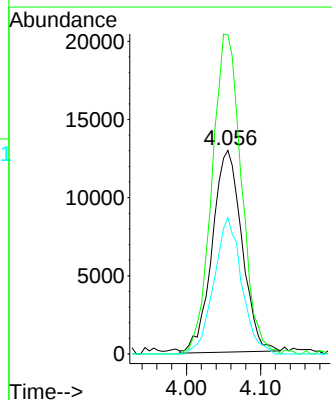
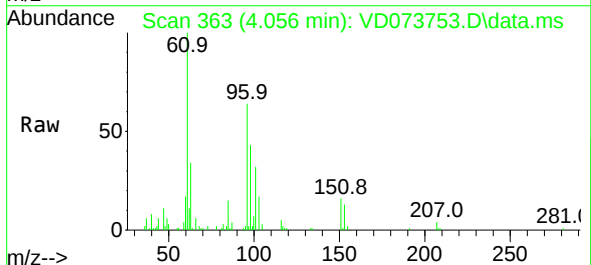
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

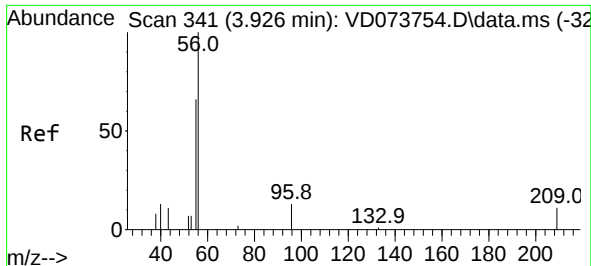
Tgt Ion: 59 Resp: 33301
Ion Ratio Lower Upper
59 100
57 5.6 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 21.560 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 96 Resp: 35965
Ion Ratio Lower Upper
96 100
61 159.1 116.3 174.5
98 68.0 48.7 73.1

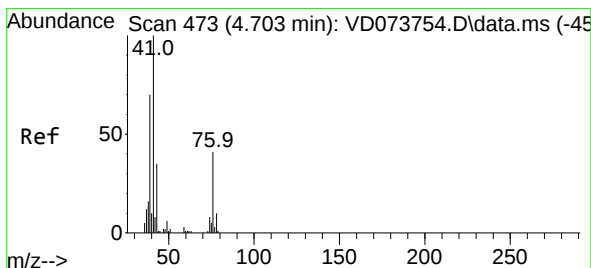
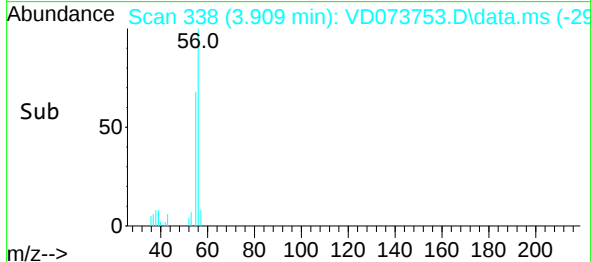
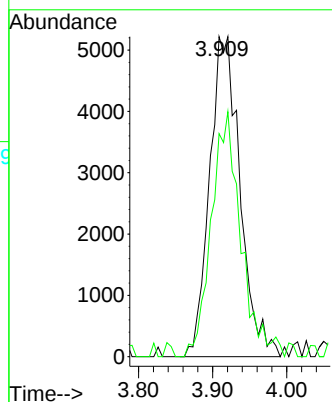
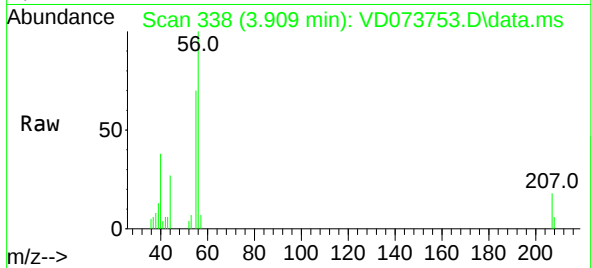




#13
Acrolein
Concen: 323.727 ug/l
RT: 3.909 min Scan# 31
Delta R.T. -0.018 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

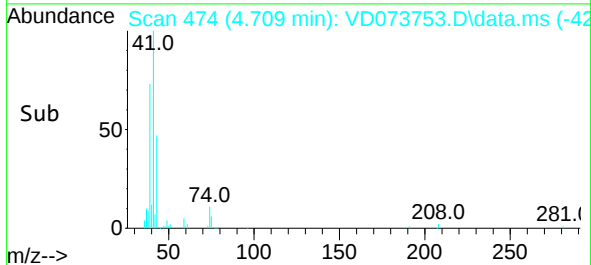
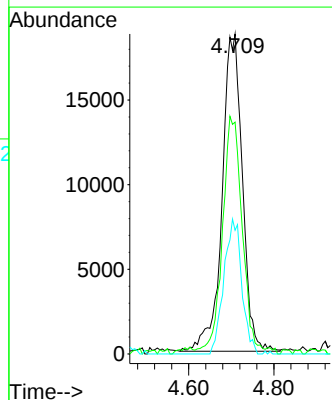
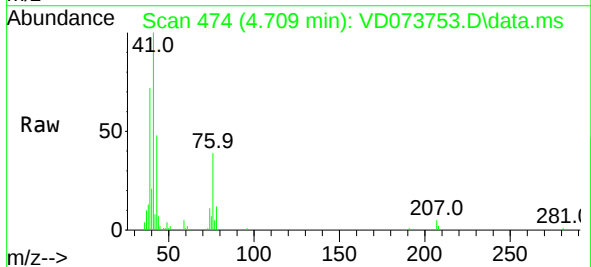
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

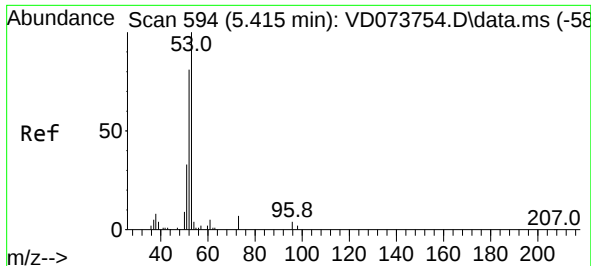
Tgt Ion: 56 Resp: 14906
Ion Ratio Lower Upper
56 100
55 73.8 60.3 90.5



#14
Allyl chloride
Concen: 21.624 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.006 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 41 Resp: 62206
Ion Ratio Lower Upper
41 100
39 70.4 56.6 85.0
76 37.3 32.7 49.1

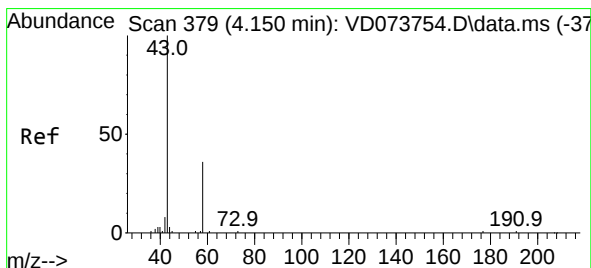
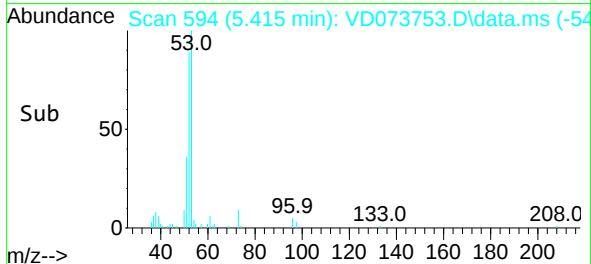
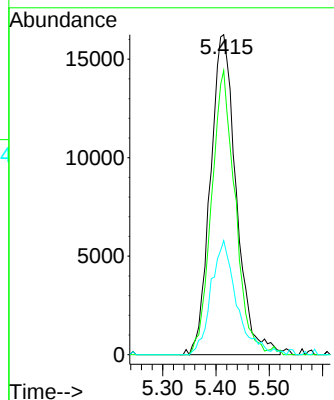
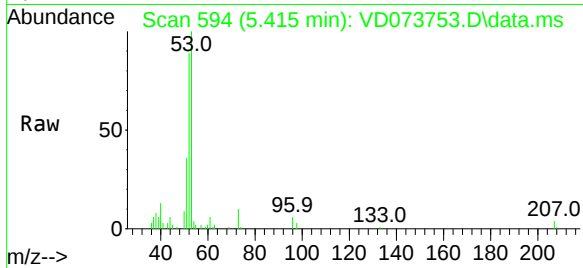




#15
Acrylonitrile
Concen: 102.688 ug/l
RT: 5.415 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

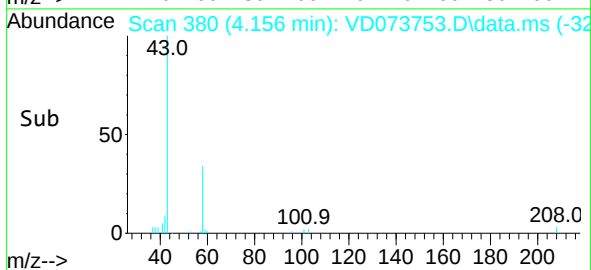
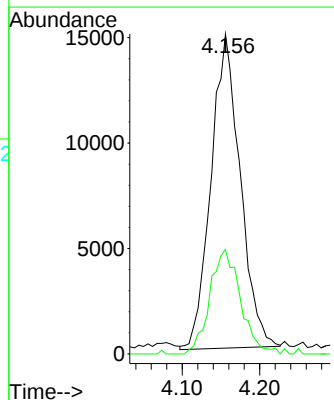
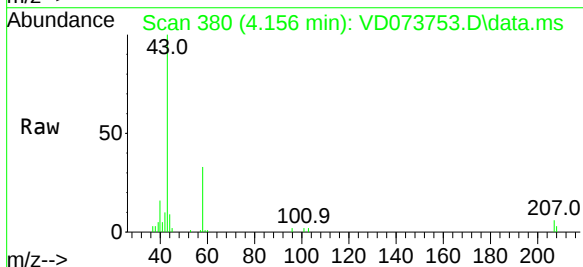
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

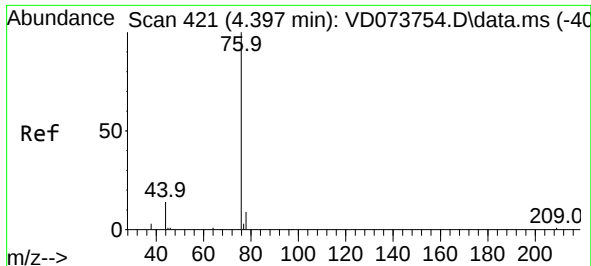
Tgt Ion: 53 Resp: 54890
Ion Ratio Lower Upper
53 100
52 80.7 66.2 99.2
51 34.9 30.2 45.2



#16
Acetone
Concen: 93.767 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 43 Resp: 39111
Ion Ratio Lower Upper
43 100
58 33.4 25.2 37.8

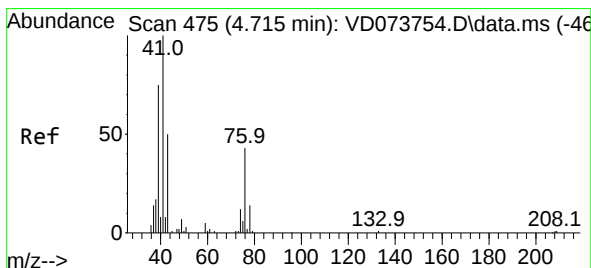
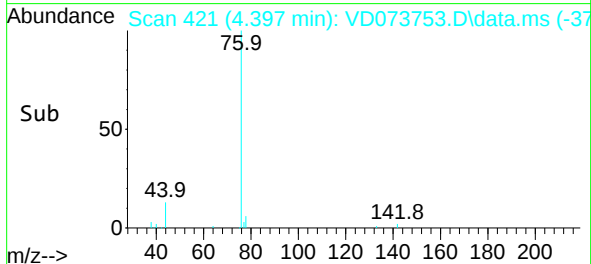
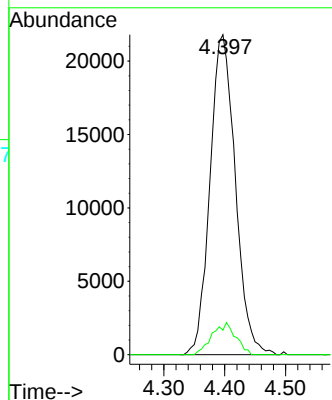
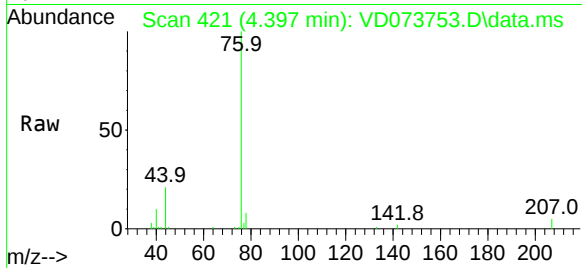




#17
Carbon Disulfide
Concen: 23.805 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

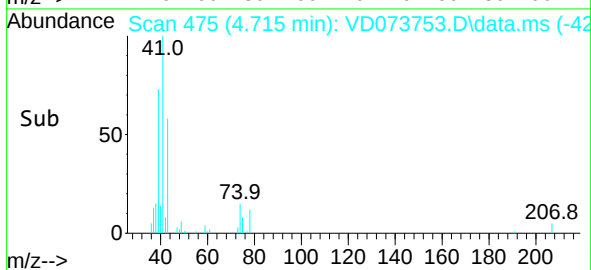
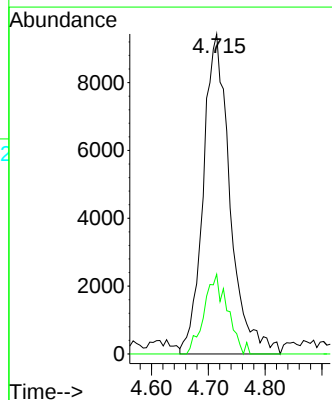
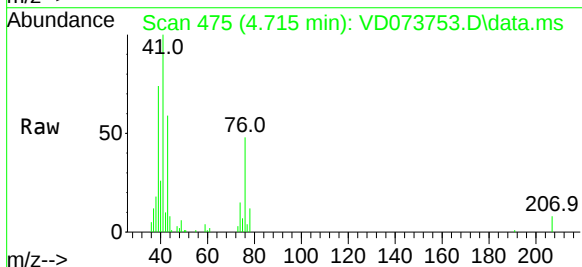
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

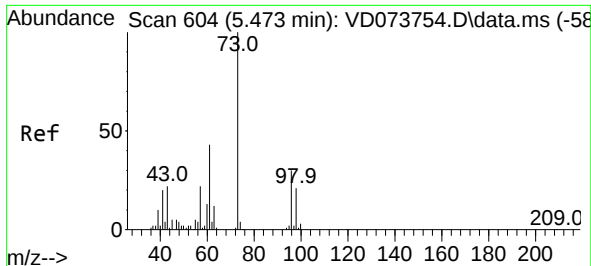
Tgt Ion: 76 Resp: 62938
Ion Ratio Lower Upper
76 100
78 7.7 7.7 11.5#



#18
Methyl Acetate
Concen: 19.096 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 43 Resp: 30877
Ion Ratio Lower Upper
43 100
74 21.3 20.2 30.4

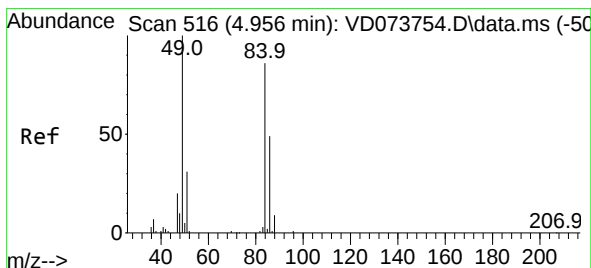
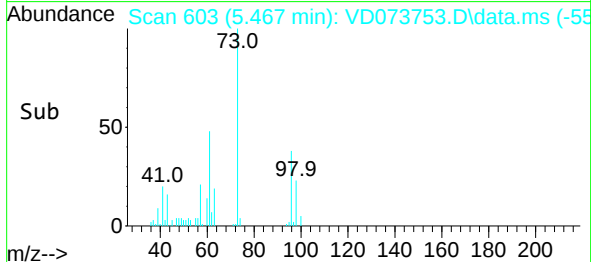
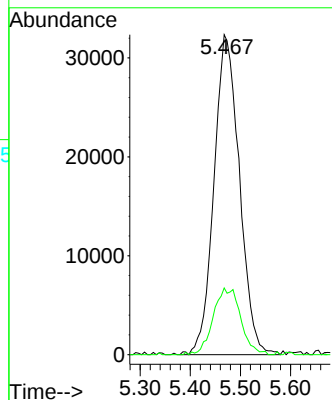
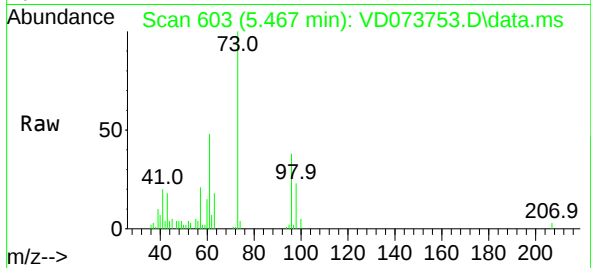




#19
Methyl tert-butyl Ether
Concen: 21.039 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

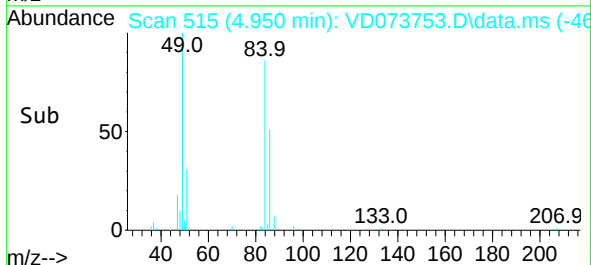
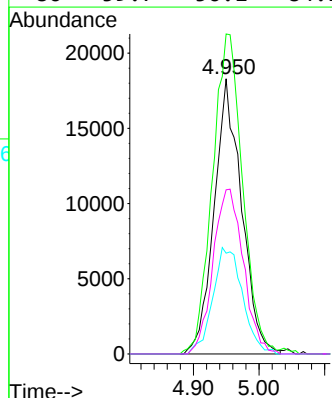
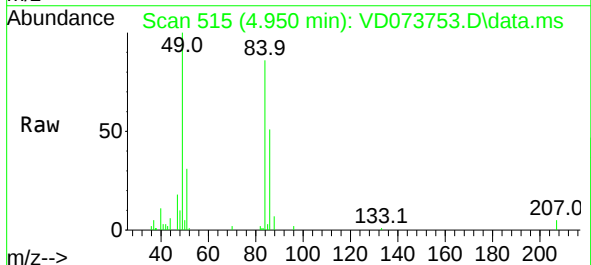
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

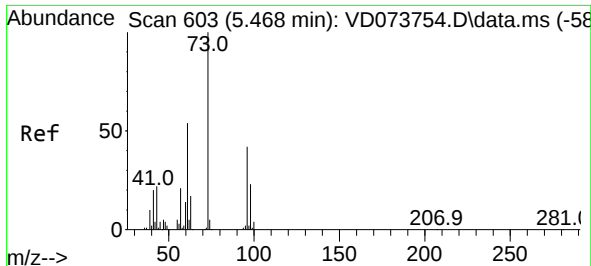
Tgt Ion: 73 Resp: 114065
Ion Ratio Lower Upper
73 100
57 20.9 16.3 24.5



#20
Methylene Chloride
Concen: 19.583 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 84 Resp: 53055
Ion Ratio Lower Upper
84 100
49 116.3 100.6 150.8
51 36.6 29.8 44.6
86 59.7 56.1 84.1

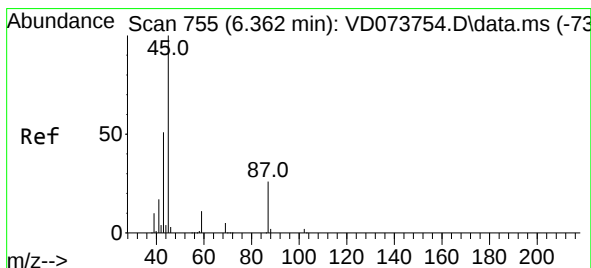
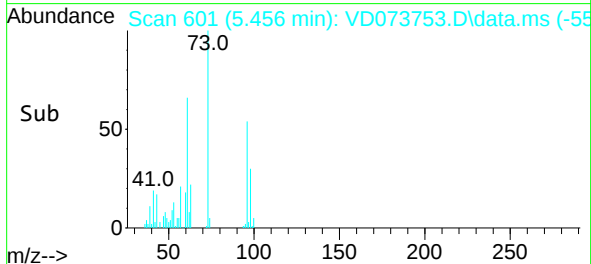
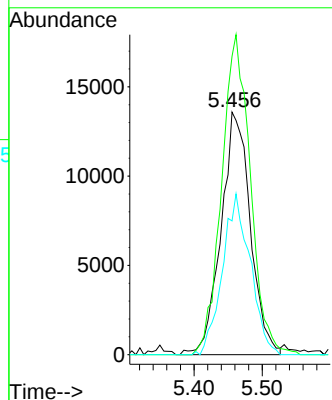
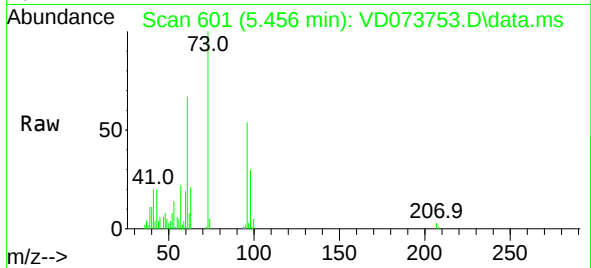




#21
trans-1,2-Dichloroethene
Concen: 21.490 ug/l
RT: 5.456 min Scan# 603
Delta R.T. -0.012 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

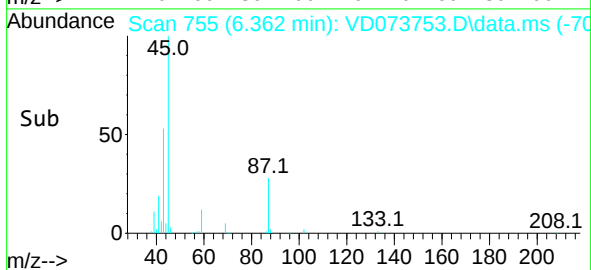
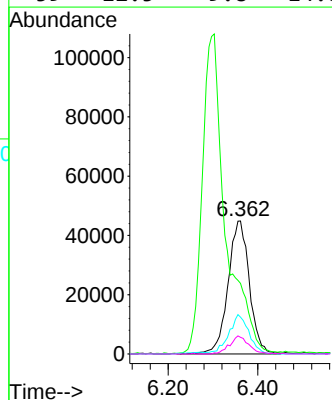
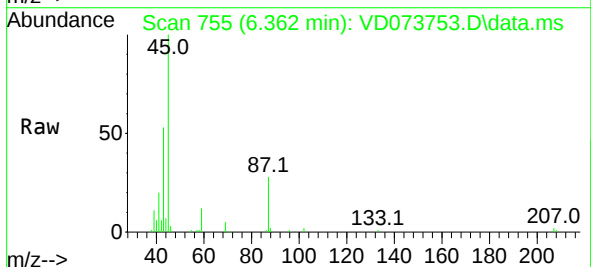
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

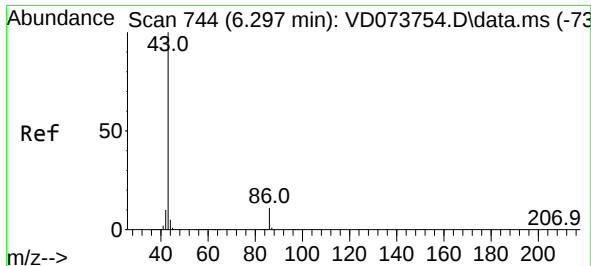
Tgt Ion: 96 Resp: 40598
Ion Ratio Lower Upper
96 100
61 123.1 105.0 157.6
98 55.2 50.6 75.8



#22
Diisopropyl ether
Concen: 20.466 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 45 Resp: 148255
Ion Ratio Lower Upper
45 100
43 52.3 42.1 63.1
87 27.7 24.2 36.4
59 12.5 9.8 14.8

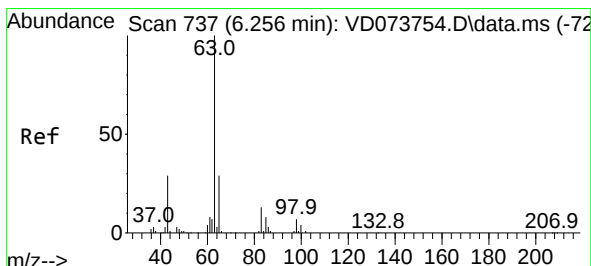
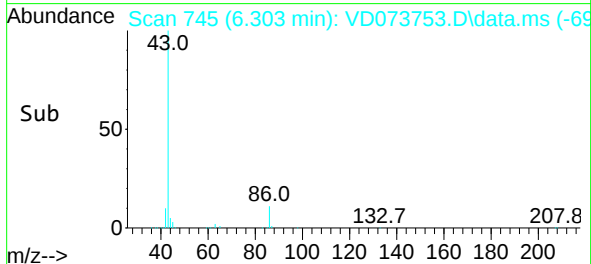
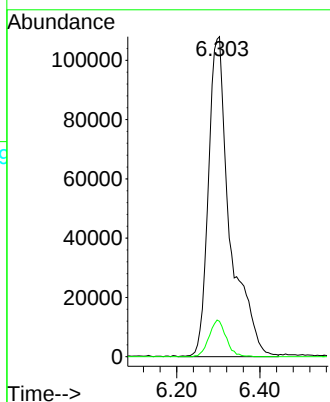
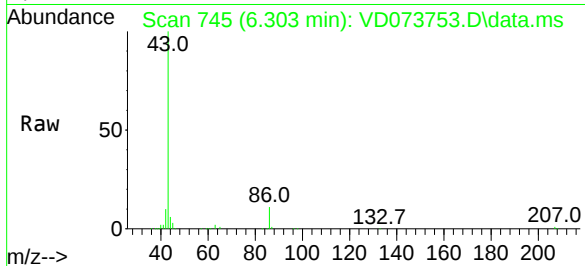




#23
 Vinyl Acetate
 Concen: 106.157 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073753.D
 Acq: 30 Jun 2022 16:57

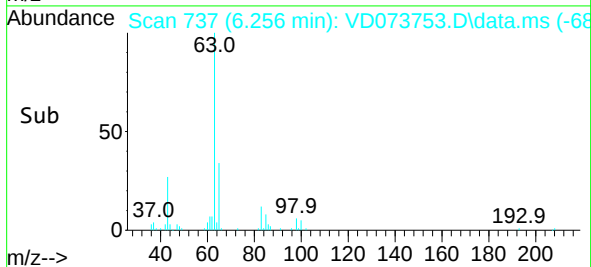
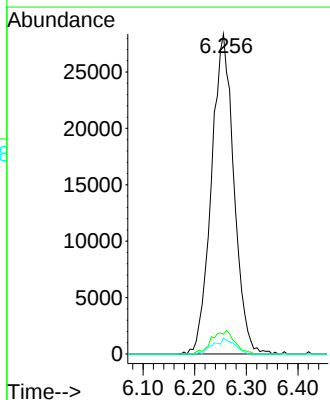
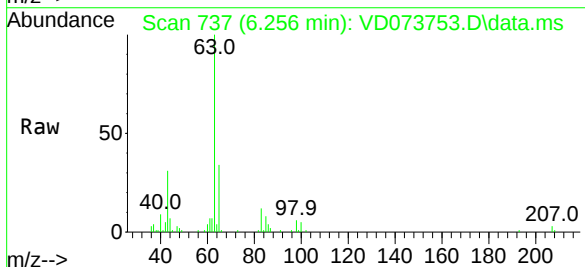
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

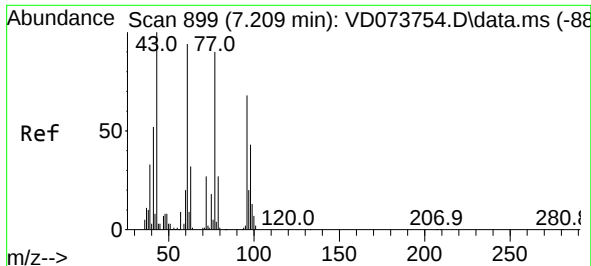
Tgt Ion: 43 Resp: 388994
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 21.203 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD073753.D
 Acq: 30 Jun 2022 16:57

Tgt Ion: 63 Resp: 85847
 Ion Ratio Lower Upper
 63 100
 98 6.2 4.0 12.2
 100 4.9 2.1 6.5





#25

2-Butanone

Concen: 98.044 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

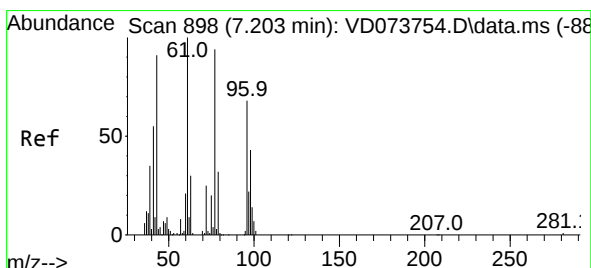
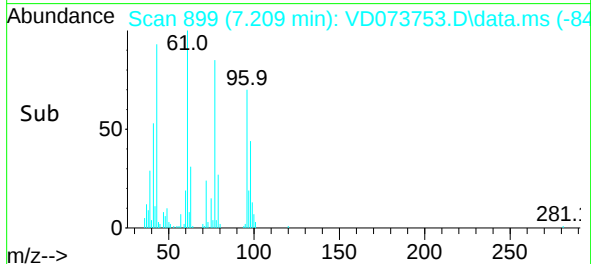
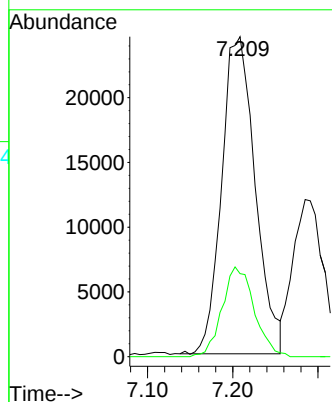
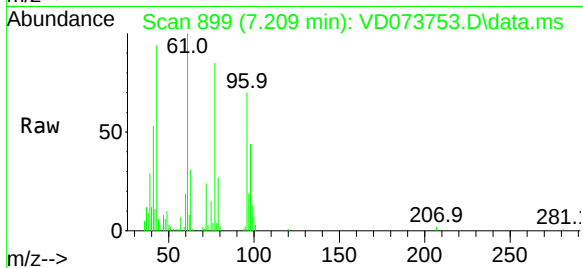
VSTDIC020

Tgt Ion: 43 Resp: 67159

Ion Ratio Lower Upper

43 100

72 26.2 22.6 33.8



#26

2,2-Dichloropropane

Concen: 20.594 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD073753.D

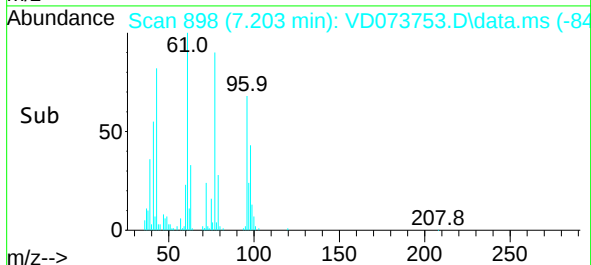
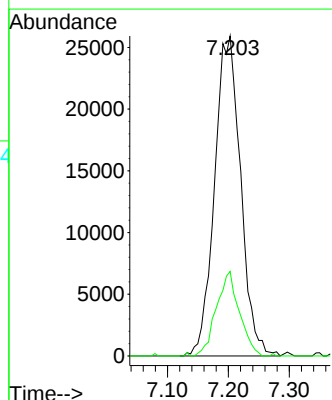
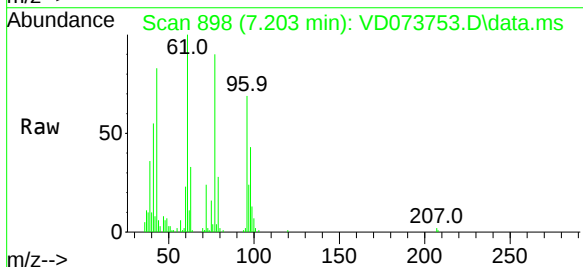
Acq: 30 Jun 2022 16:57

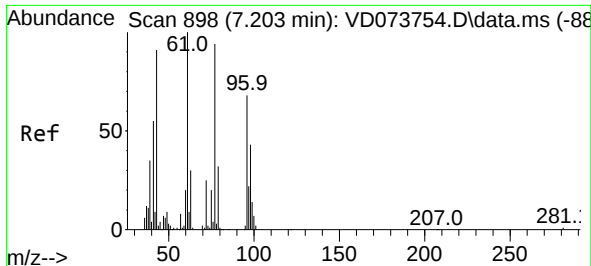
Tgt Ion: 77 Resp: 77051

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 21.484 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

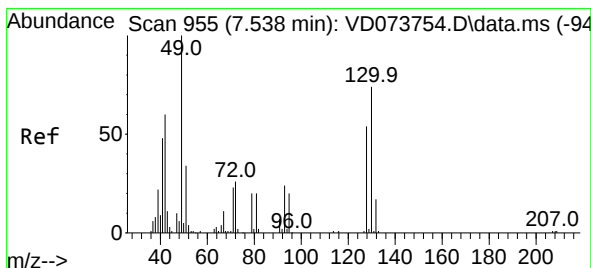
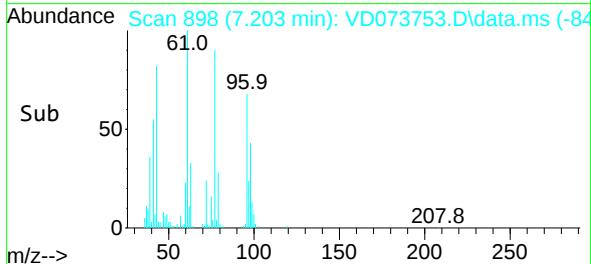
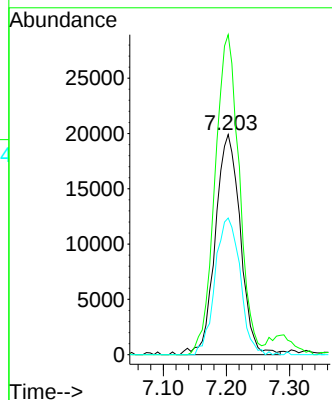
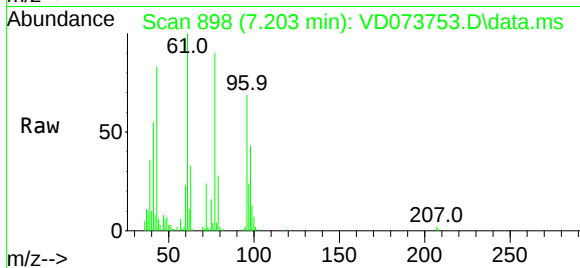
Tgt Ion: 96 Resp: 54737

Ion Ratio Lower Upper

96 100

61 140.8 0.0 276.0

98 62.5 0.0 128.0



#28

Bromochloromethane

Concen: 18.385 ug/l

RT: 7.538 min Scan# 955

Delta R.T. -0.000 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

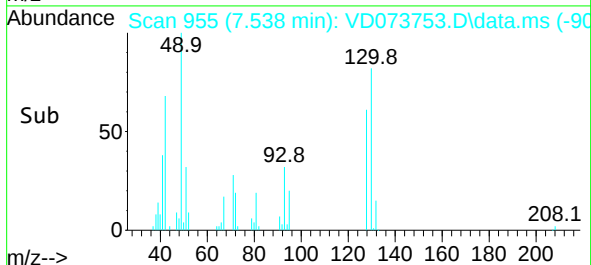
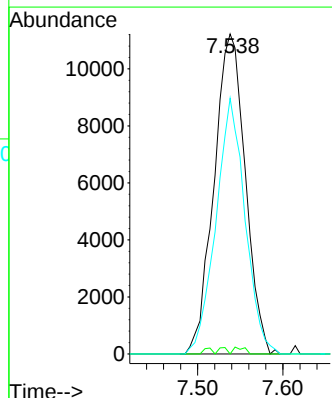
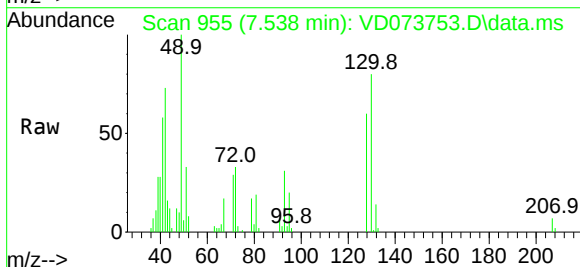
Tgt Ion: 49 Resp: 28621

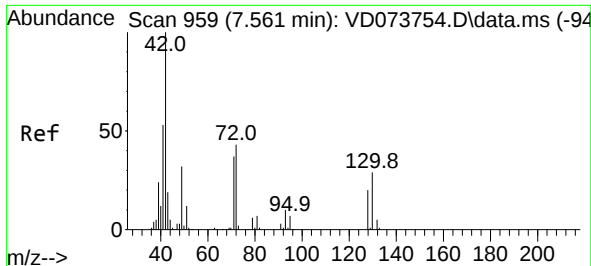
Ion Ratio Lower Upper

49 100

129 0.8 0.0 5.0

130 74.4 73.2 109.8





#29

Tetrahydrofuran

Concen: 103.452 ug/l

RT: 7.561 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

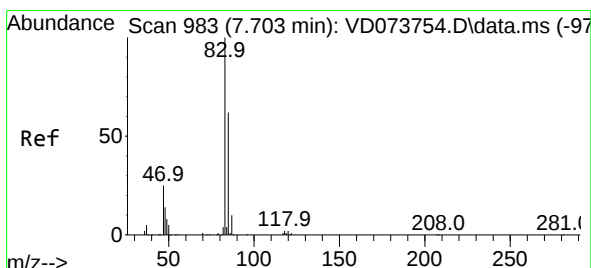
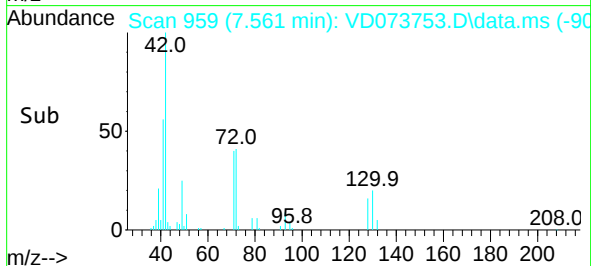
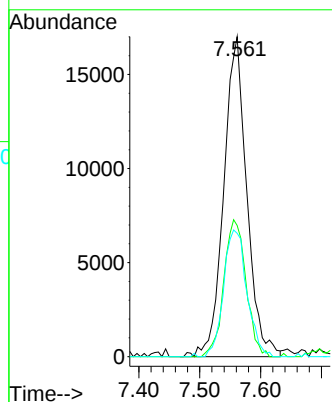
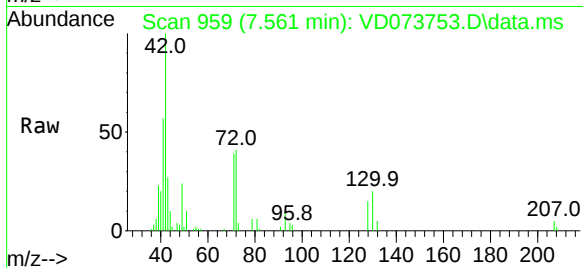
Tgt Ion: 42 Resp: 44792

Ion Ratio Lower Upper

42 100

72 41.1 37.8 56.6

71 39.9 35.5 53.3



#30

Chloroform

Concen: 21.217 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.000 min

Lab File: VD073753.D

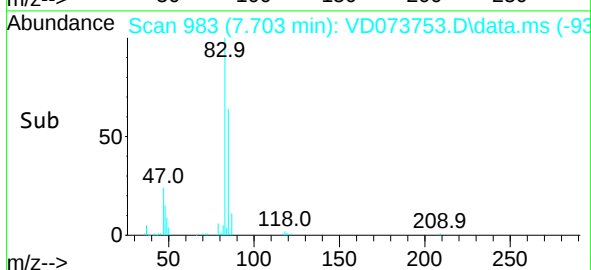
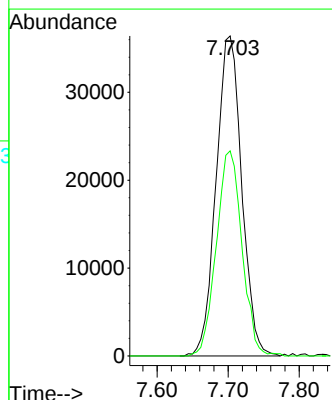
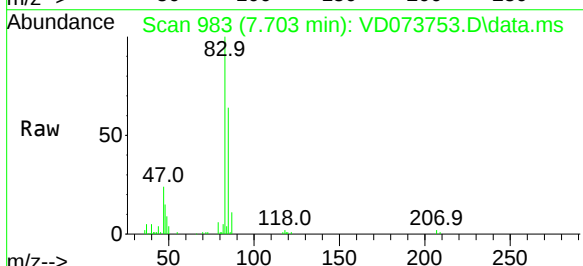
Acq: 30 Jun 2022 16:57

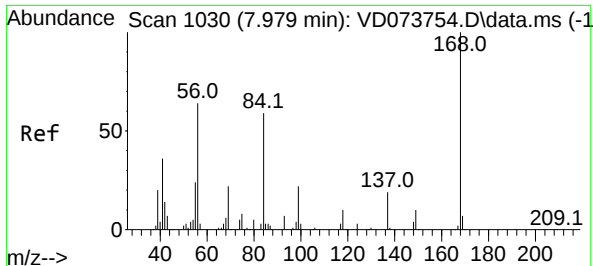
Tgt Ion: 83 Resp: 91075

Ion Ratio Lower Upper

83 100

85 64.1 51.1 76.7

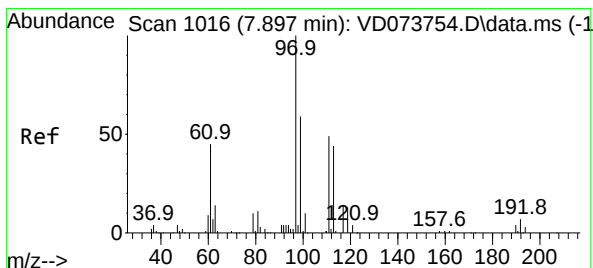
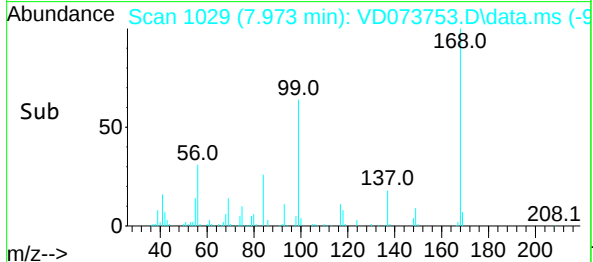
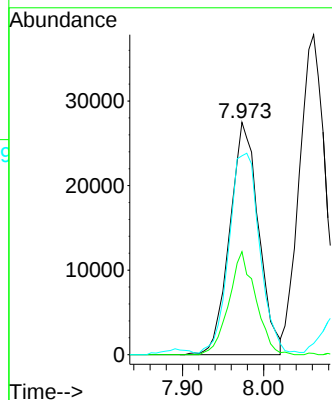
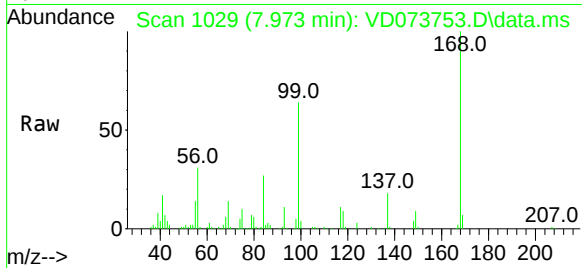




#31
Cyclohexane
Concen: 21.236 ug/l
RT: 7.973 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

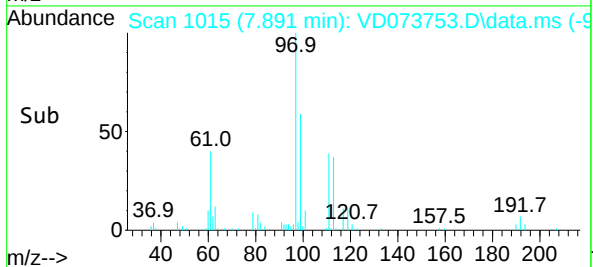
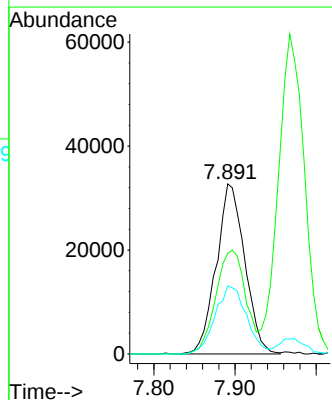
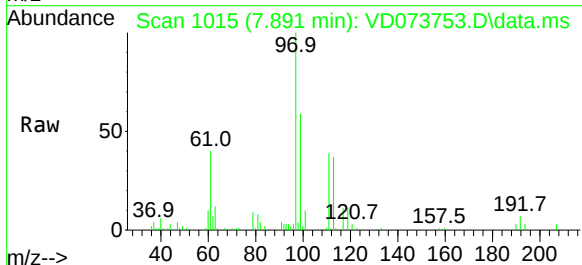
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

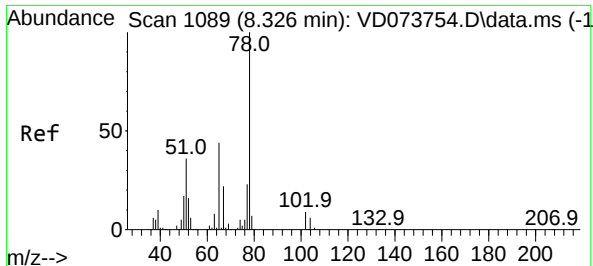
Tgt Ion: 56 Resp: 67947
Ion Ratio Lower Upper
56 100
69 44.4 25.2 37.8#
84 83.6 75.4 113.2



#32
1,1,1-Trichloroethane
Concen: 21.227 ug/l
RT: 7.891 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 97 Resp: 79911
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 44.1 33.4 50.0





#33

1,2-Dichloroethane-d4

Concen: 22.516 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

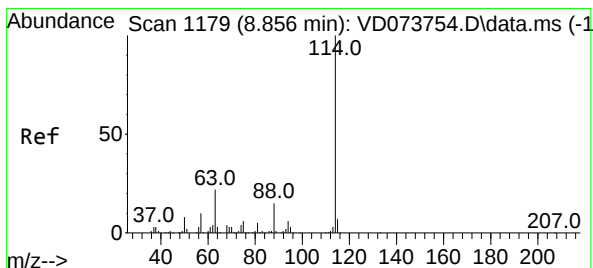
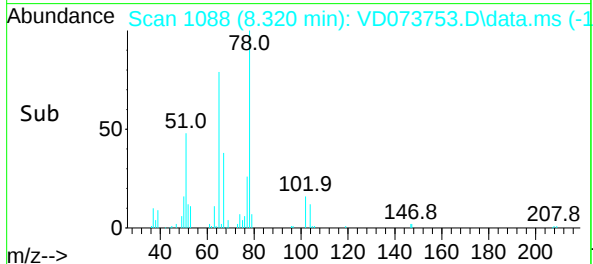
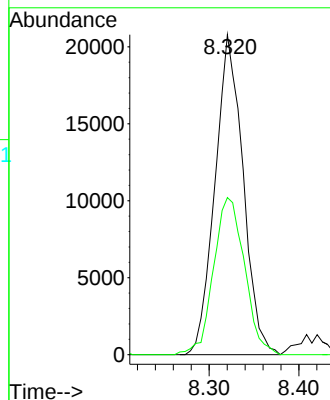
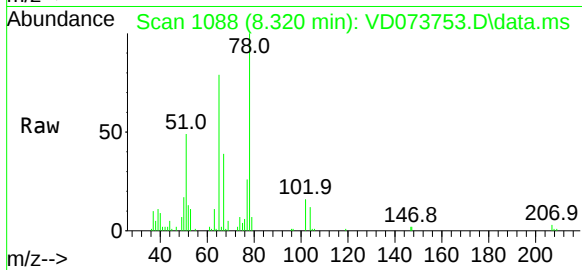
VSTDIC020

Tgt Ion: 65 Resp: 45139

Ion Ratio Lower Upper

65 100

67 54.3 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

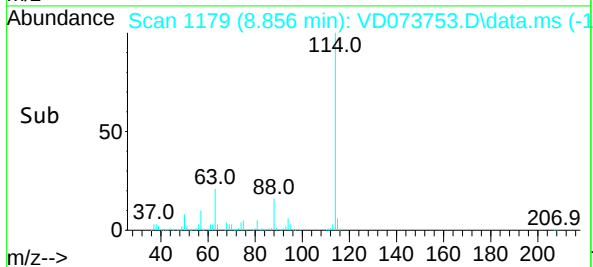
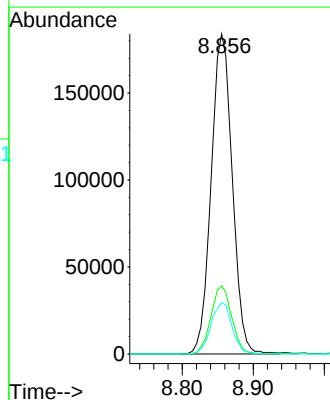
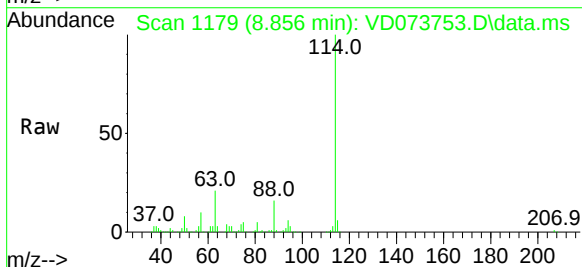
Tgt Ion: 114 Resp: 378754

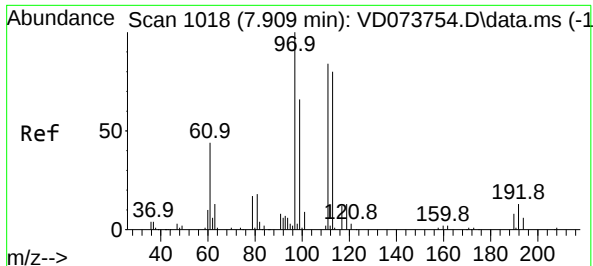
Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.2

88 16.0 0.0 29.4





#35

Dibromofluoromethane

Concen: 22.791 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

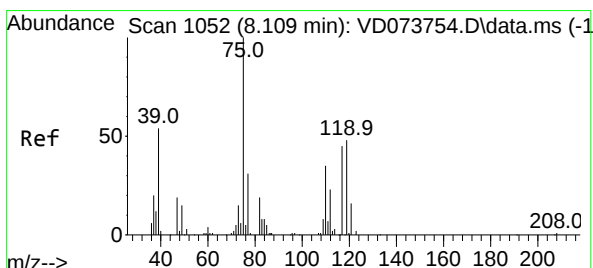
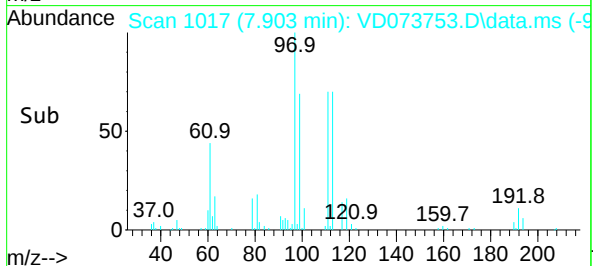
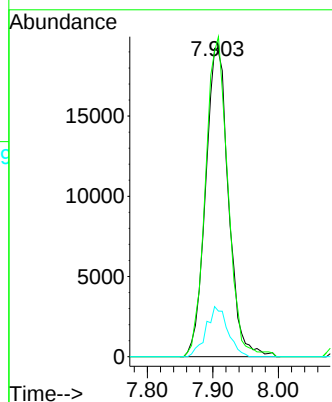
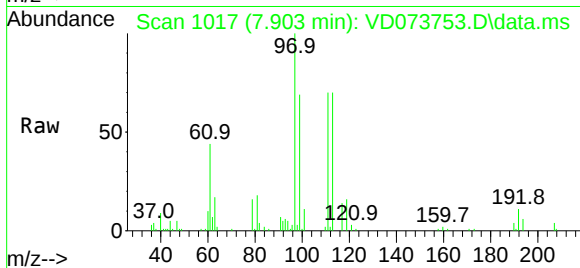
Tgt Ion:113 Resp: 46894

Ion Ratio Lower Upper

113 100

111 101.0 81.8 122.6

192 15.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 21.248 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

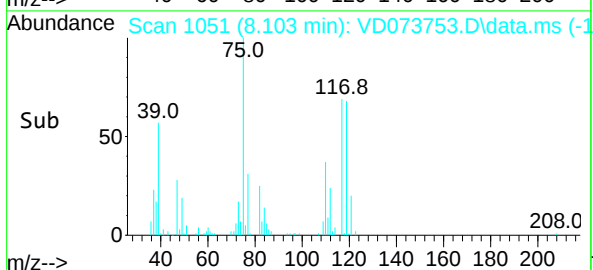
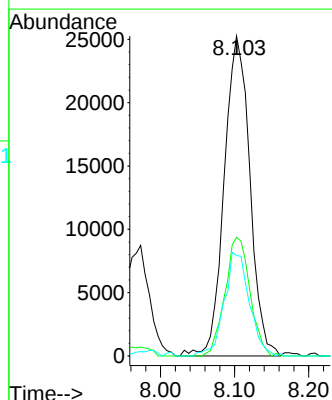
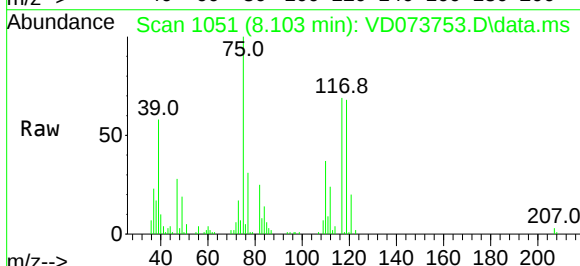
Tgt Ion: 75 Resp: 60701

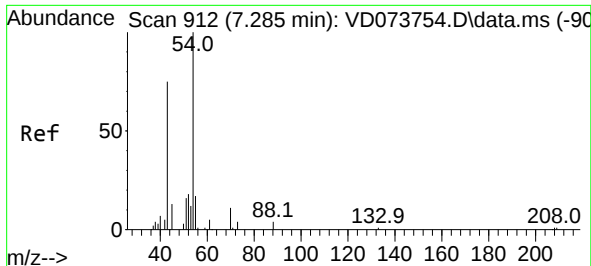
Ion Ratio Lower Upper

75 100

110 36.1 18.0 54.0

77 31.7 25.6 38.4

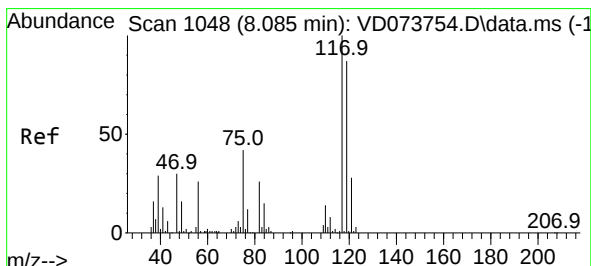
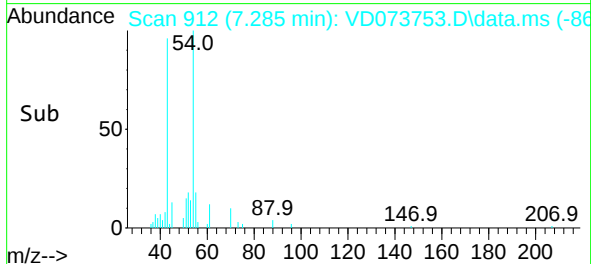
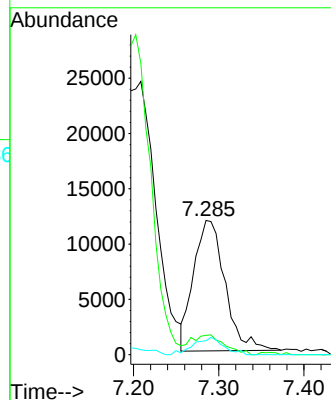
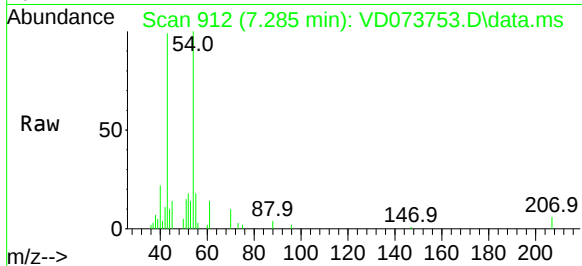




#37
Ethyl Acetate
Concen: 20.044 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

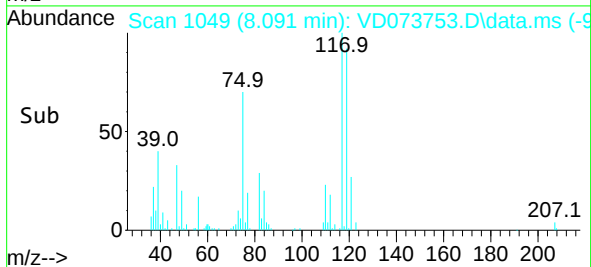
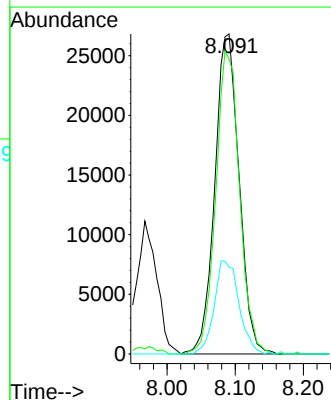
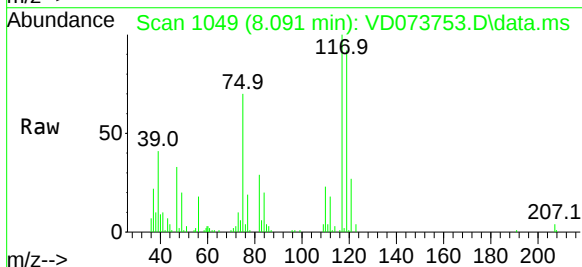
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

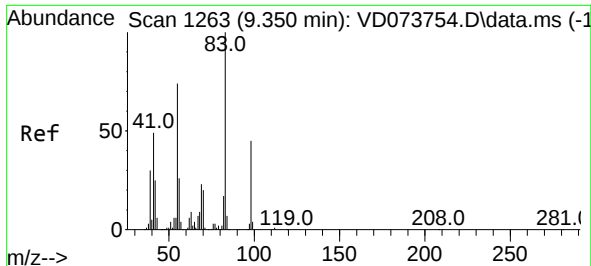
Tgt Ion: 43 Resp: 30187
Ion Ratio Lower Upper
43 100
61 16.3 10.6 16.0#
70 12.6 9.9 14.9



#38
Carbon Tetrachloride
Concen: 21.689 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 117 Resp: 66526
Ion Ratio Lower Upper
117 100
119 92.1 79.2 118.8
121 27.1 23.8 35.8





#39

Methylcyclohexane

Concen: 21.887 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

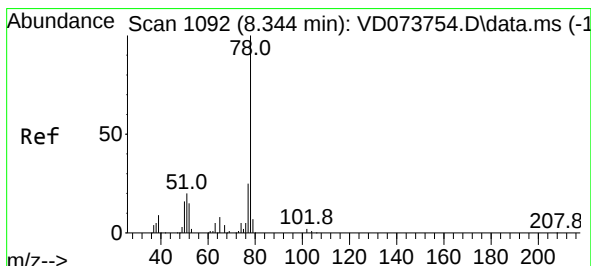
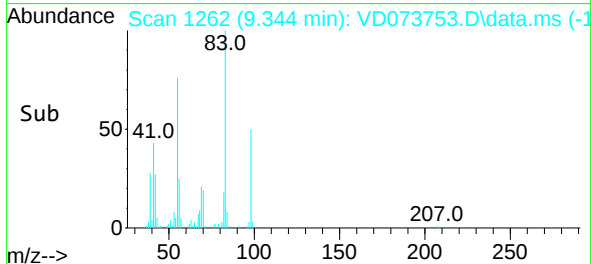
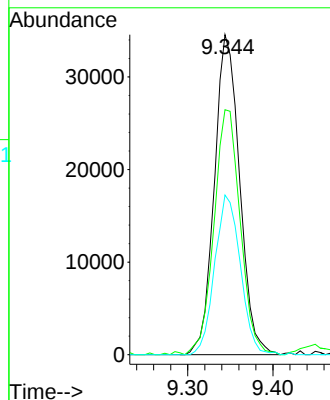
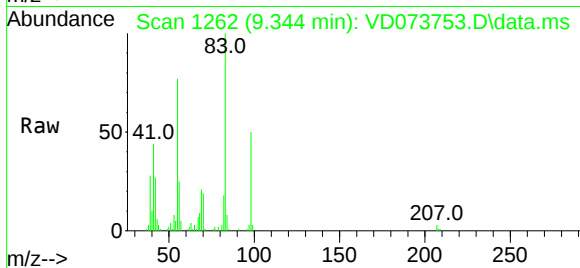
Tgt Ion: 83 Resp: 71213

Ion Ratio Lower Upper

83 100

55 76.6 59.0 88.4

98 49.9 38.3 57.5



#40

Benzene

Concen: 21.101 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073753.D

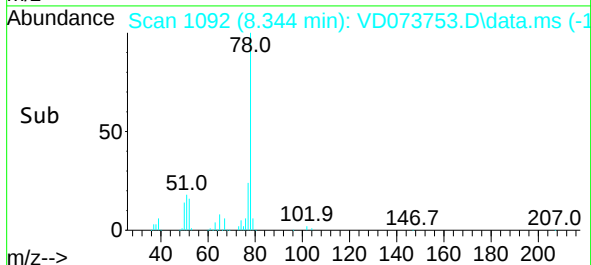
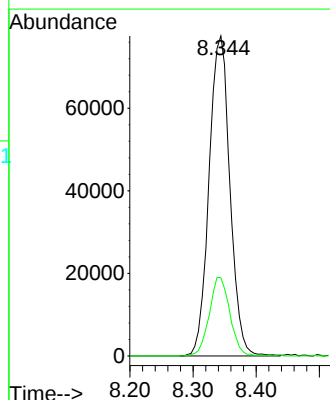
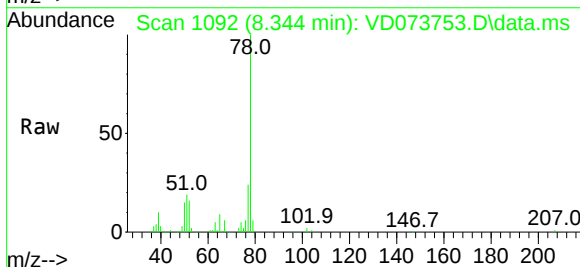
Acq: 30 Jun 2022 16:57

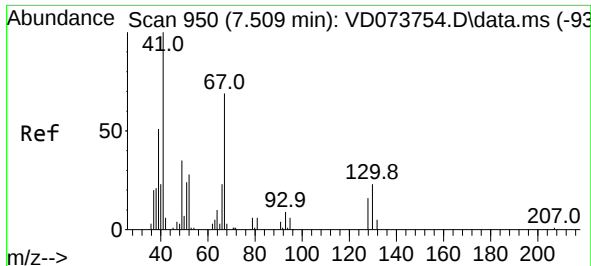
Tgt Ion: 78 Resp: 178055

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.4

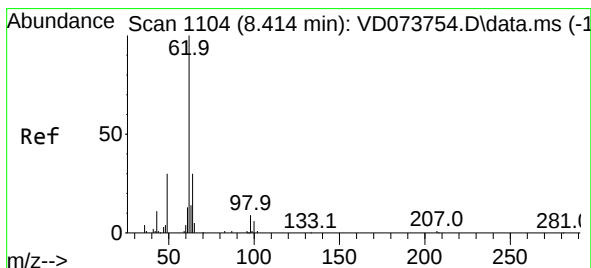
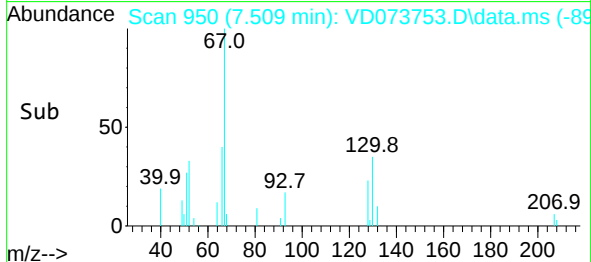
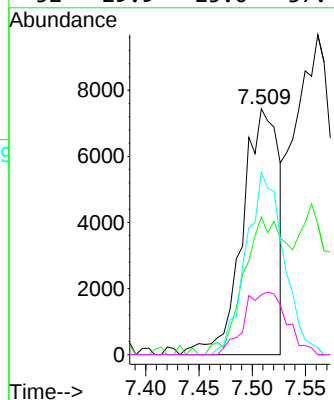
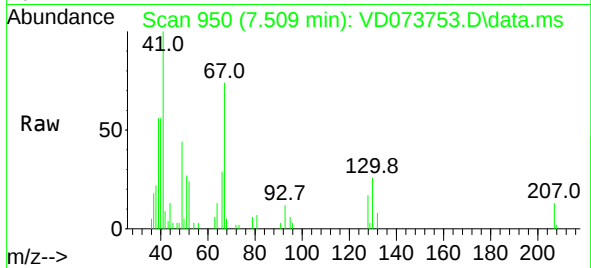




#41
Methacrylonitrile
Concen: 19.273 ug/l
RT: 7.509 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

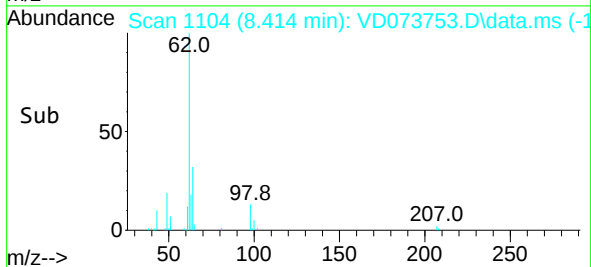
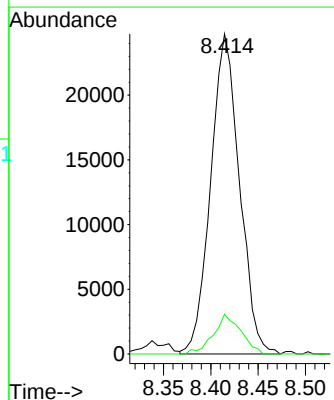
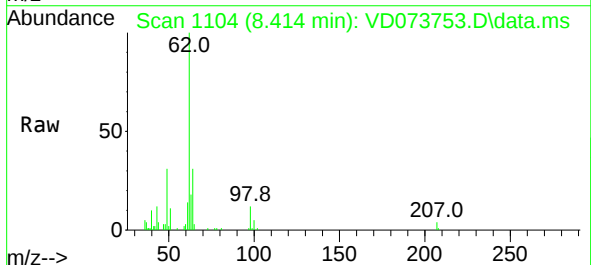
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

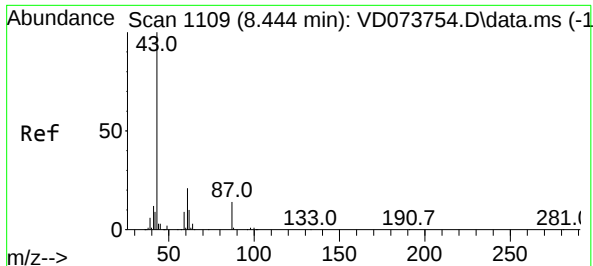
Tgt Ion:	41	Resp:	17641
Ion Ratio	Lower	Upper	
41	100		
39	67.9	42.1	63.1#
67	77.0	58.6	87.8
52	29.9	25.0	37.4



#42
1,2-Dichloroethane
Concen: 20.587 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion:	62	Resp:	52358
Ion Ratio	Lower	Upper	
62	100		
98	11.8	0.0	19.6





#43

Isopropyl Acetate

Concen: 20.250 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

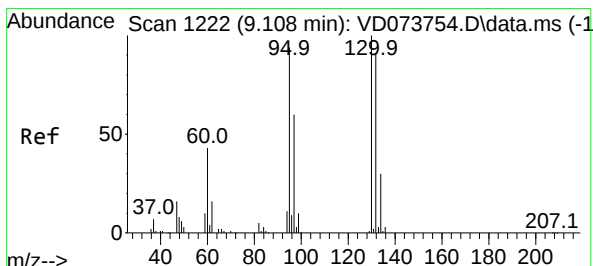
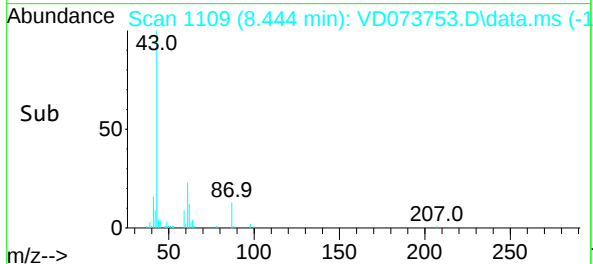
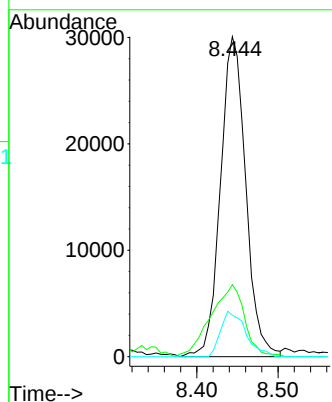
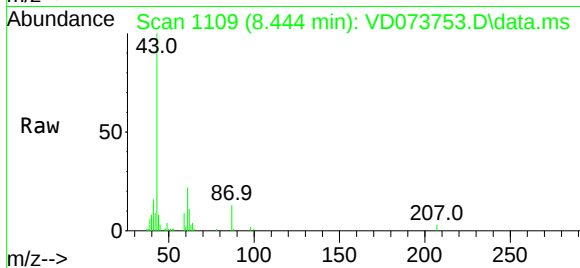
Tgt Ion: 43 Resp: 65023

Ion Ratio Lower Upper

43 100

61 30.2 25.4 38.0

87 14.1 11.9 17.9



#44

Trichloroethene

Concen: 21.118 ug/l

RT: 9.103 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VD073753.D

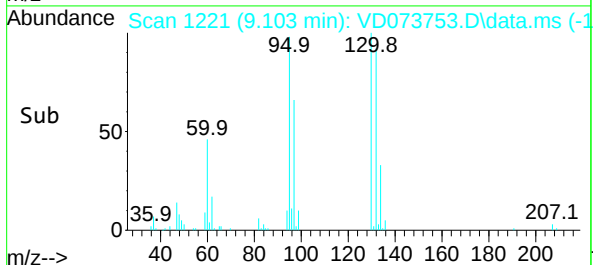
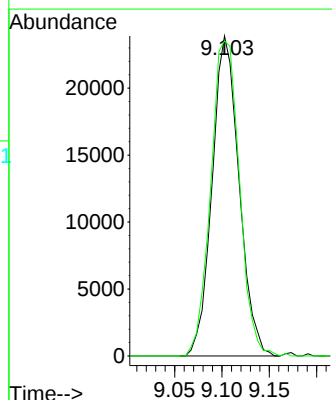
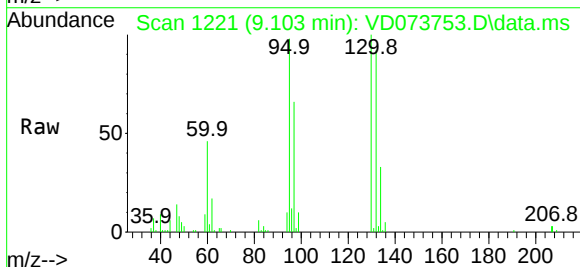
Acq: 30 Jun 2022 16:57

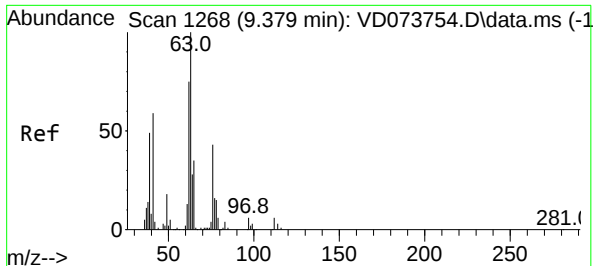
Tgt Ion:130 Resp: 47341

Ion Ratio Lower Upper

130 100

95 98.5 0.0 202.8





#45

1,2-Dichloropropane

Concen: 20.996 ug/l

RT: 9.373 min Scan# 1267

Delta R.T. -0.006 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

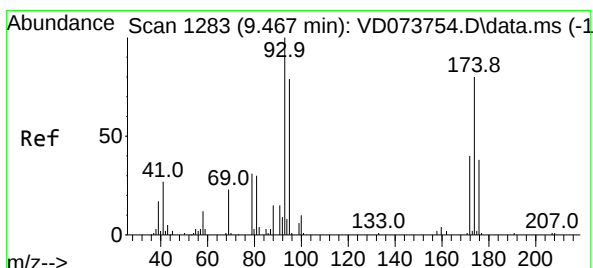
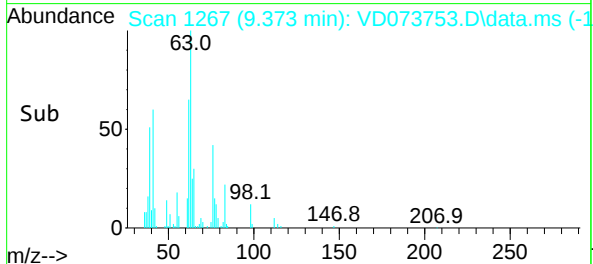
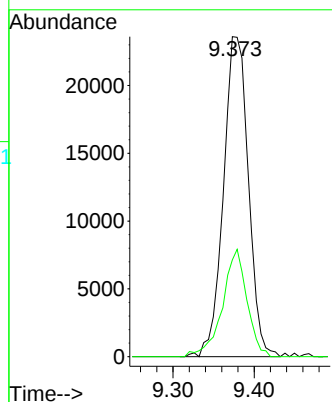
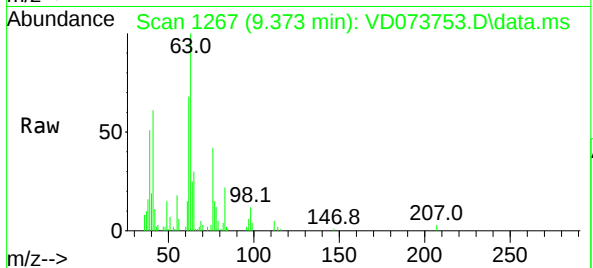
VSTDIC020

Tgt Ion: 63 Resp: 50418

Ion Ratio Lower Upper

63 100

65 30.3 25.5 38.3



#46

Dibromomethane

Concen: 20.492 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

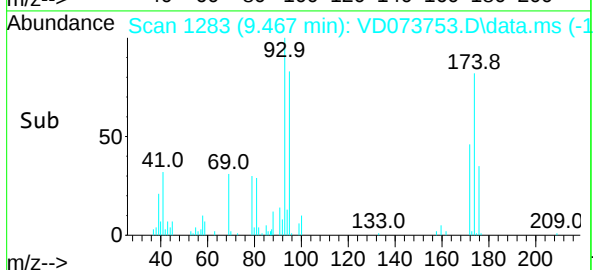
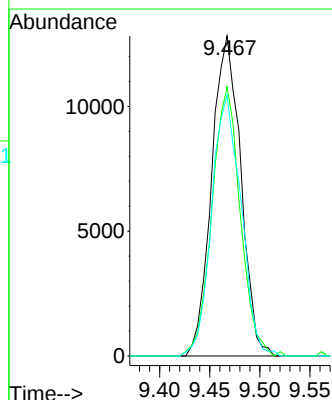
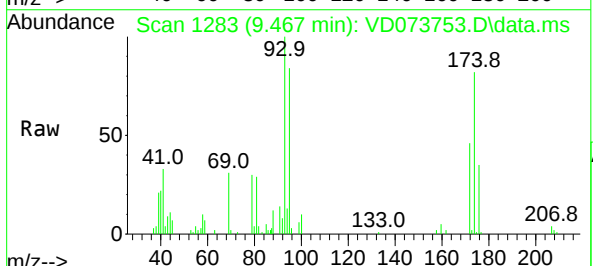
Tgt Ion: 93 Resp: 25823

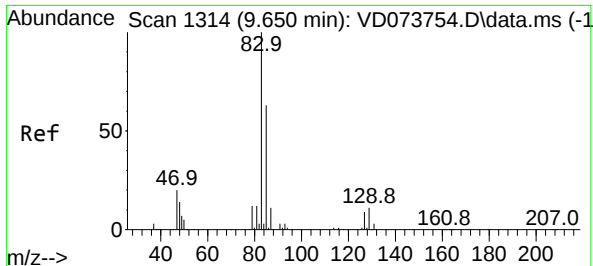
Ion Ratio Lower Upper

93 100

95 81.9 67.8 101.8

174 82.3 82.3 123.5#





#47

Bromodichloromethane

Concen: 21.049 ug/l

RT: 9.650 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

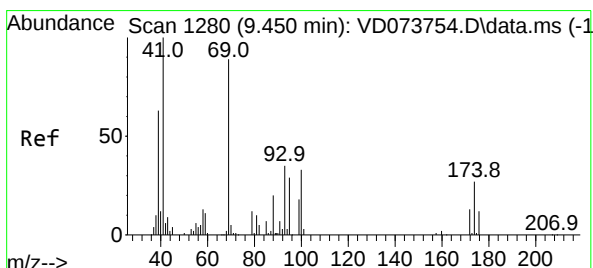
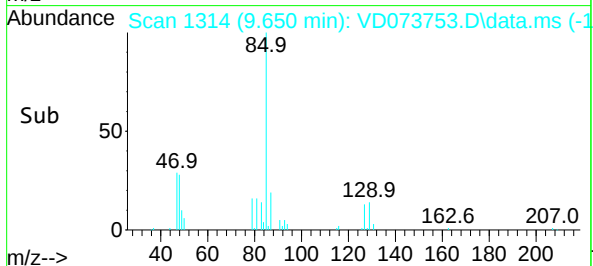
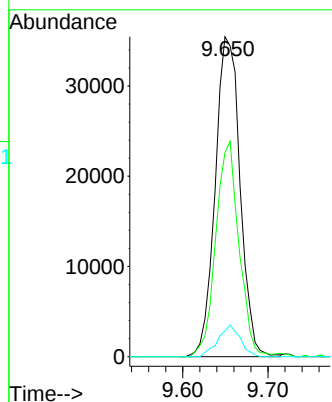
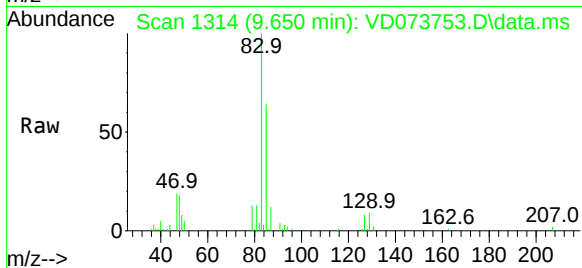
Tgt Ion: 83 Resp: 71763

Ion Ratio Lower Upper

83 100

85 63.9 54.5 81.7

127 8.0 7.7 11.5



#48

Methyl methacrylate

Concen: 20.805 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

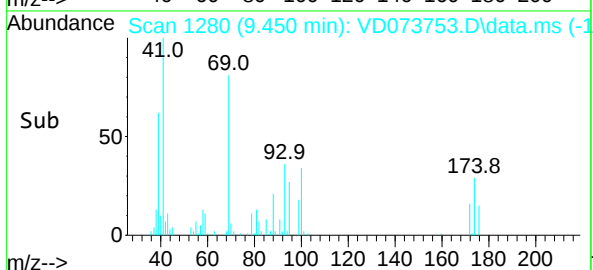
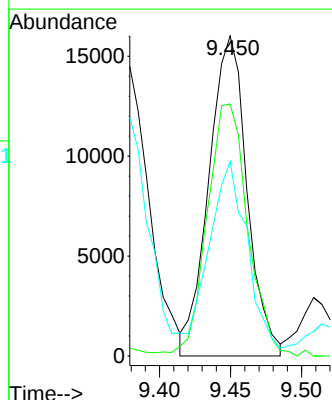
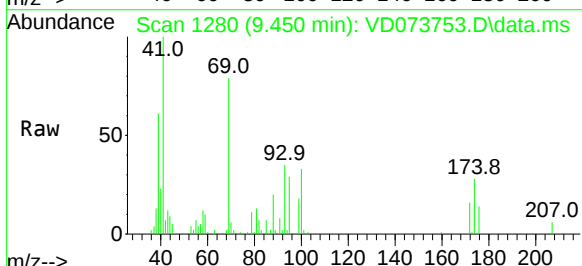
Tgt Ion: 41 Resp: 29970

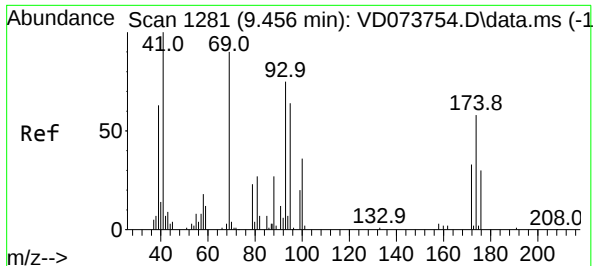
Ion Ratio Lower Upper

41 100

69 83.6 69.6 104.4

39 60.9 45.5 68.3





#49

1,4-Dioxane

Concen: 406.330 ug/l

RT: 9.450 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

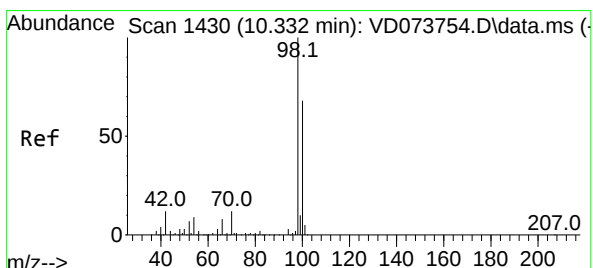
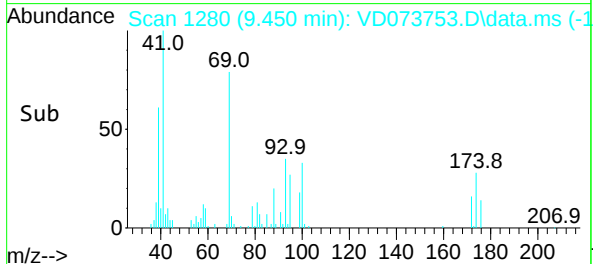
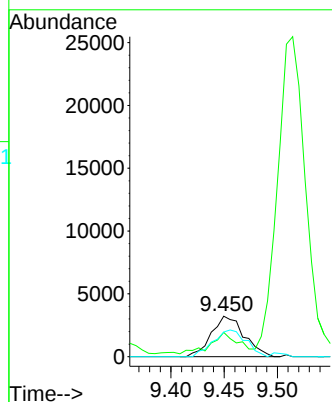
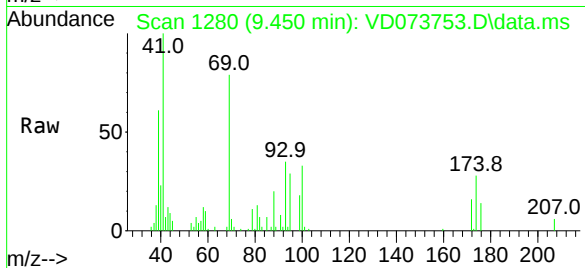
Tgt Ion: 88 Resp: 6882

Ion Ratio Lower Upper

88 100

43 46.9 24.5 36.7#

58 66.3 54.4 81.6



#50

Toluene-d8

Concen: 23.250 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073753.D

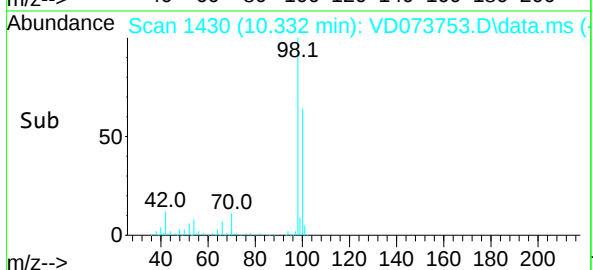
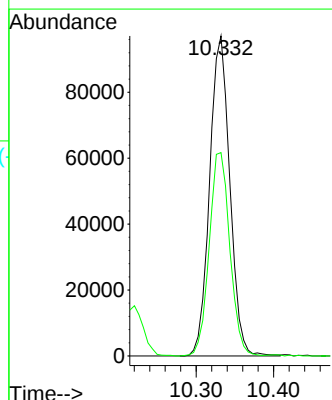
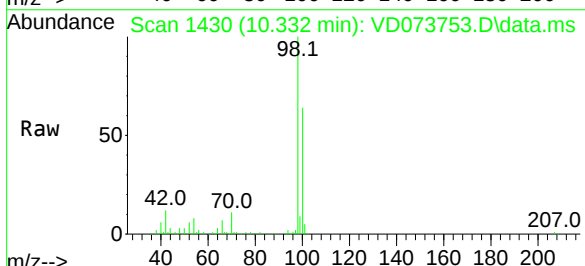
Acq: 30 Jun 2022 16:57

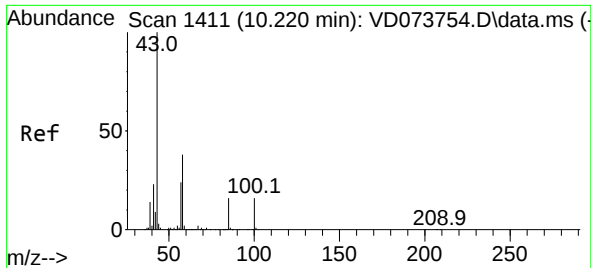
Tgt Ion: 98 Resp: 175483

Ion Ratio Lower Upper

98 100

100 65.0 54.0 81.0

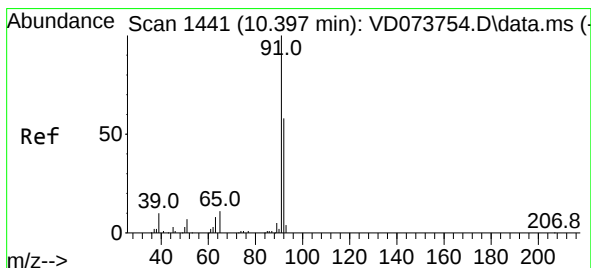
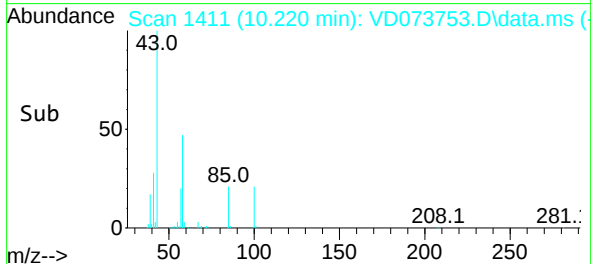
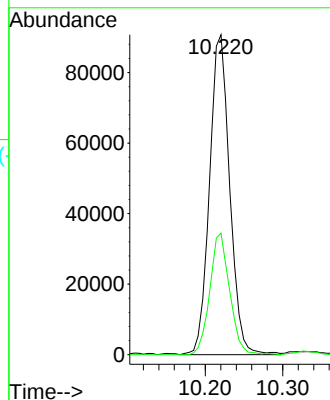
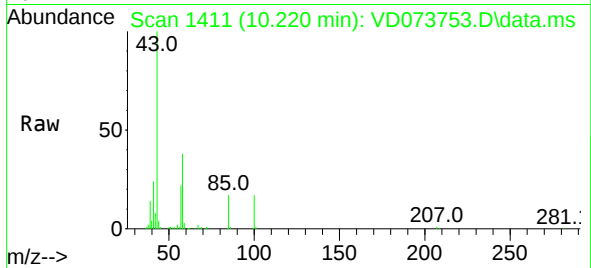




#51
4-Methyl-2-Pentanone
Concen: 100.761 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

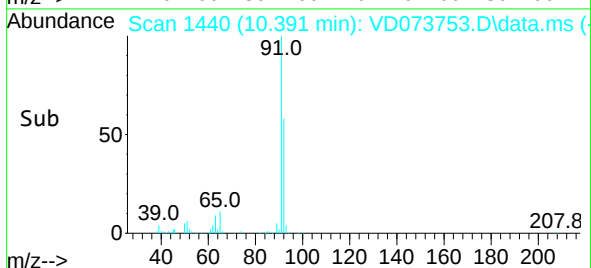
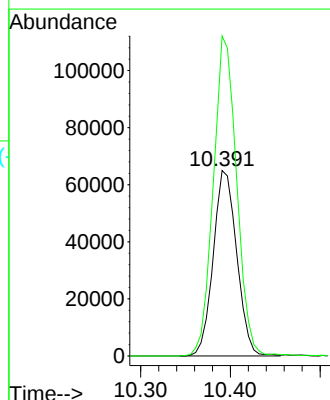
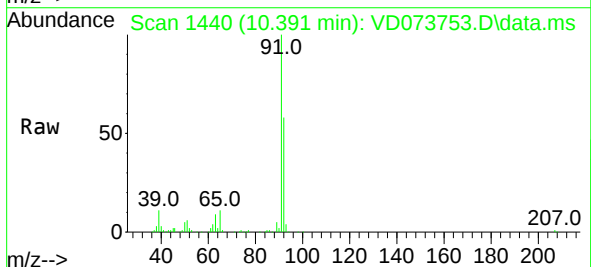
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

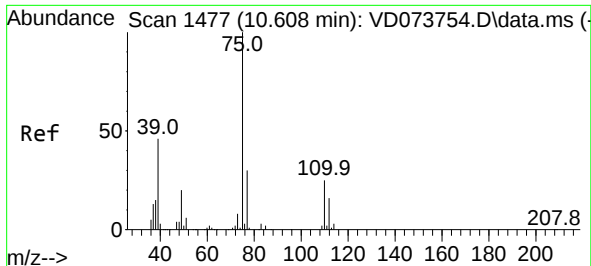
Tgt Ion: 43 Resp: 164690
Ion Ratio Lower Upper
43 100
58 37.1 32.3 48.5



#52
Toluene
Concen: 21.017 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 92 Resp: 118296
Ion Ratio Lower Upper
92 100
91 171.3 136.1 204.1

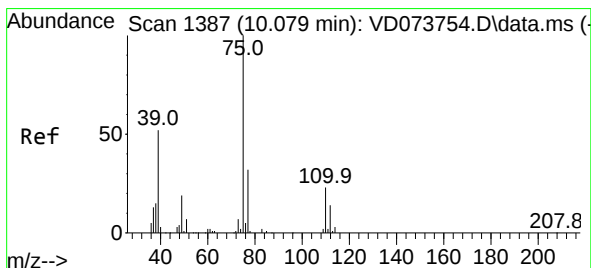
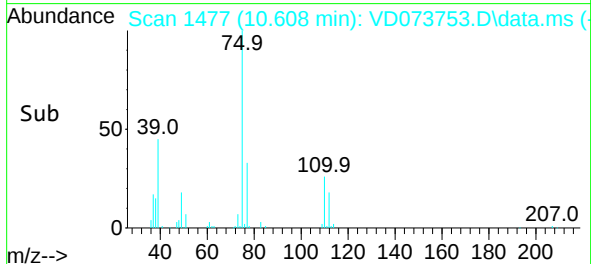
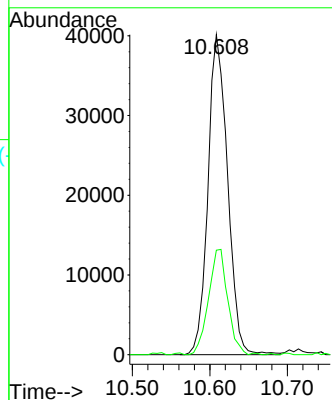
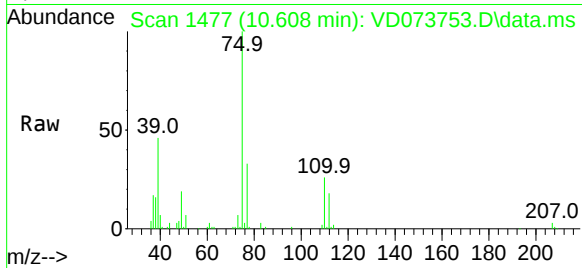




#53
t-1,3-Dichloropropene
Concen: 21.049 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

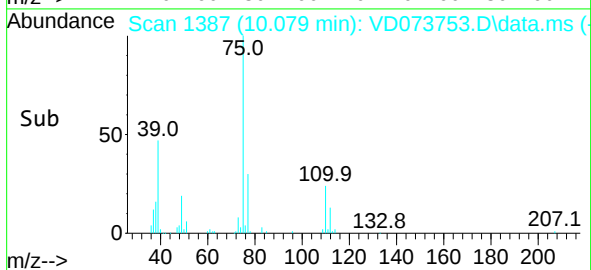
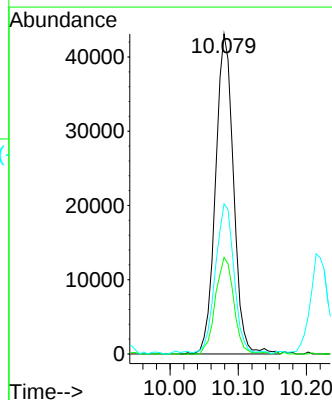
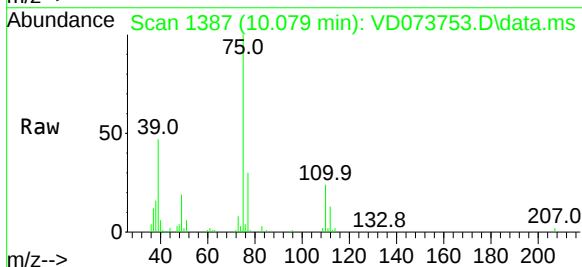
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

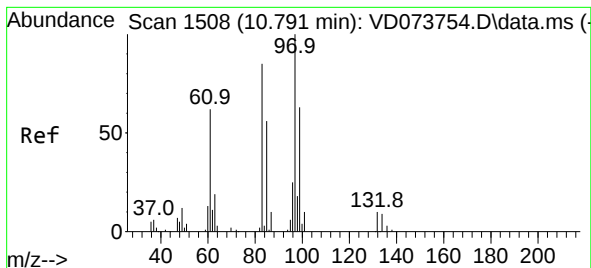
Tgt Ion: 75 Resp: 70504
Ion Ratio Lower Upper
75 100
77 32.6 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 20.905 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 75 Resp: 79268
Ion Ratio Lower Upper
75 100
77 30.2 26.2 39.2
39 46.4 38.0 57.0





#55

1,1,2-Trichloroethane

Concen: 20.257 ug/l

RT: 10.791 min Scan# 1508

Delta R.T. -0.000 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 97 Resp: 38163

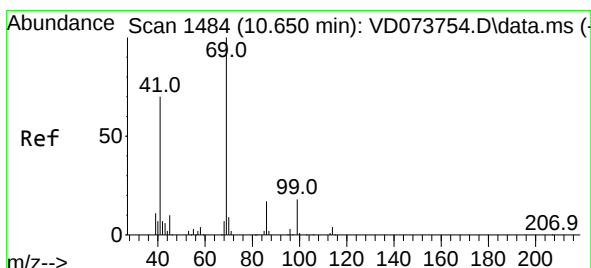
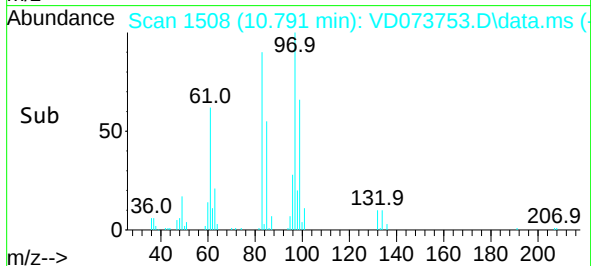
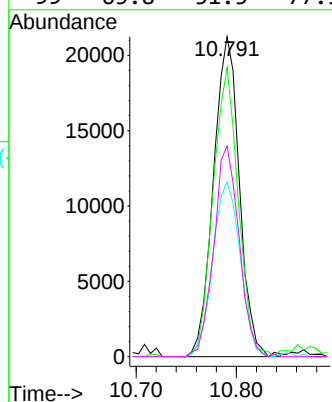
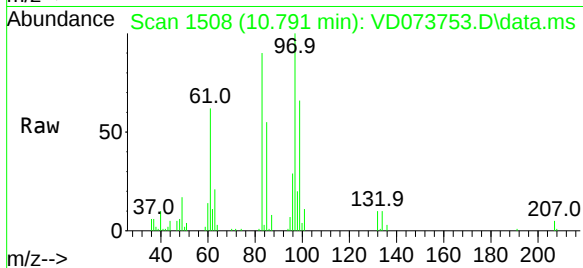
Ion Ratio Lower Upper

97 100

83 90.4 67.1 100.7

85 54.6 44.0 66.0

99 65.8 51.5 77.3



#56

Ethyl methacrylate

Concen: 19.990 ug/l

RT: 10.650 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

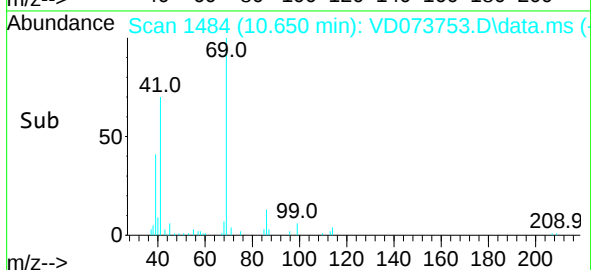
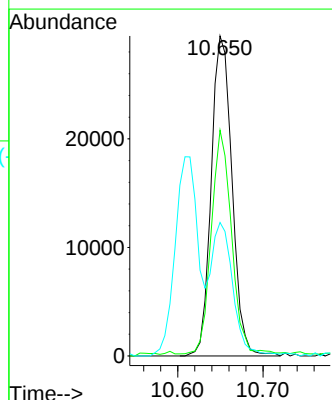
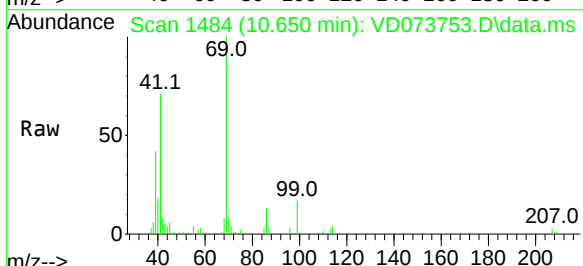
Tgt Ion: 69 Resp: 49941

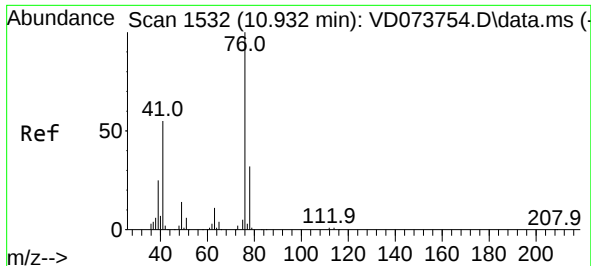
Ion Ratio Lower Upper

69 100

41 67.9 51.6 77.4

39 42.2 29.2 43.8





#57

1,3-Dichloropropane

Concen: 20.461 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.006 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

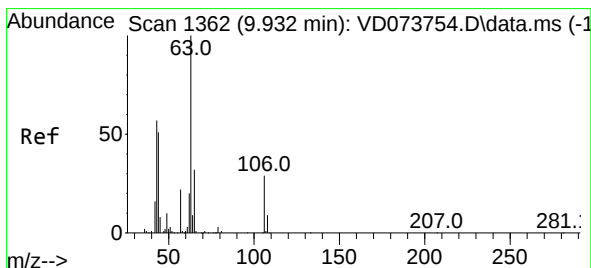
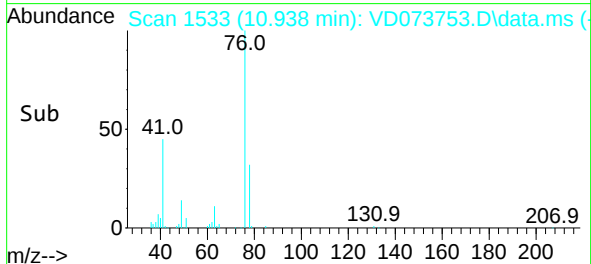
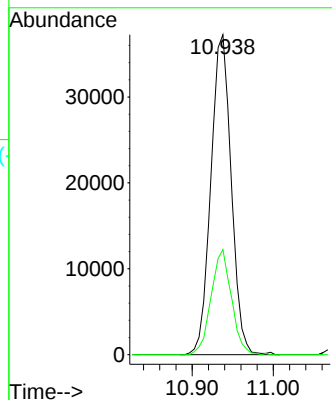
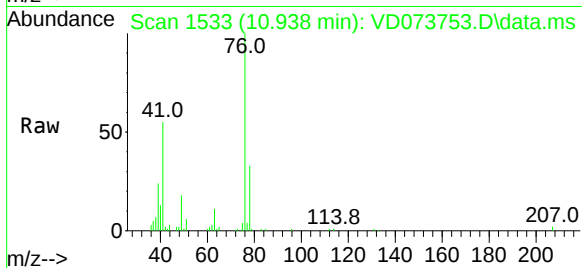
VSTDIC020

Tgt Ion: 76 Resp: 64882

Ion Ratio Lower Upper

76 100

78 32.8 27.1 40.7



#58

2-Chloroethyl Vinyl ether

Concen: 91.325 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073753.D

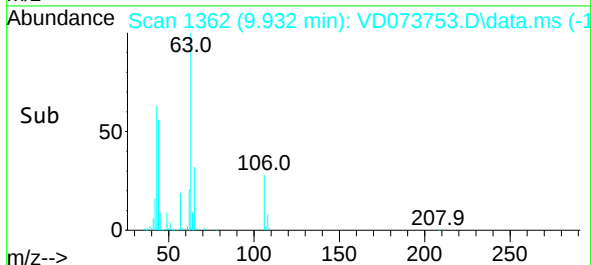
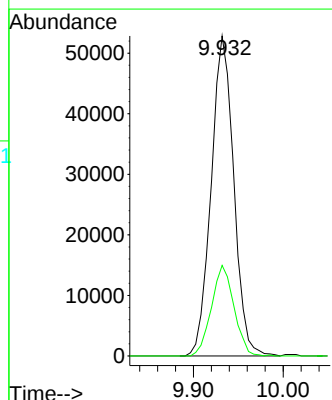
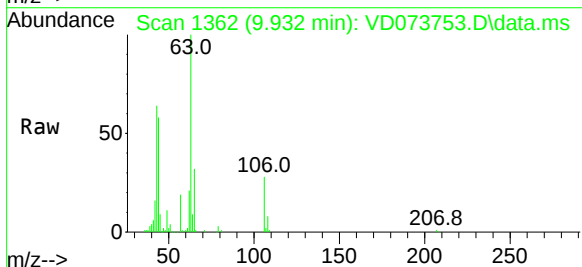
Acq: 30 Jun 2022 16:57

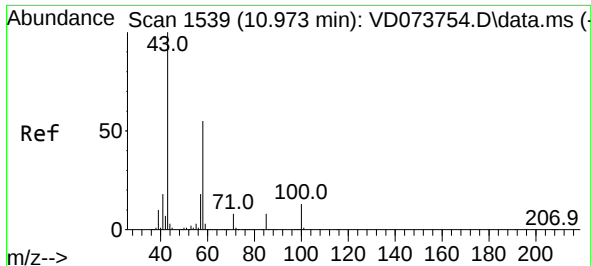
Tgt Ion: 63 Resp: 92484

Ion Ratio Lower Upper

63 100

106 28.2 25.2 37.8

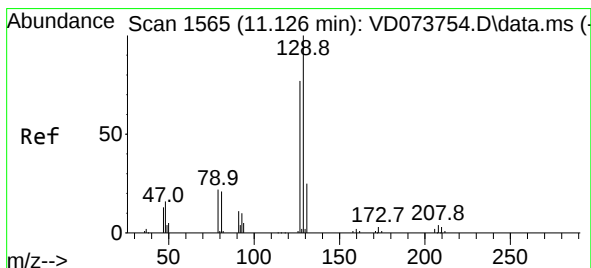
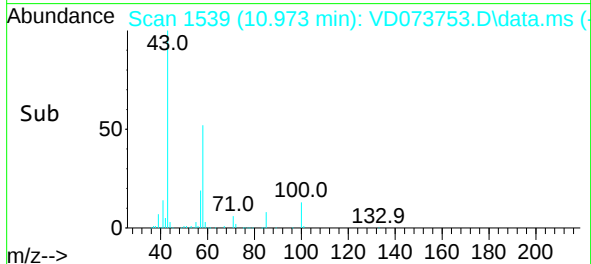
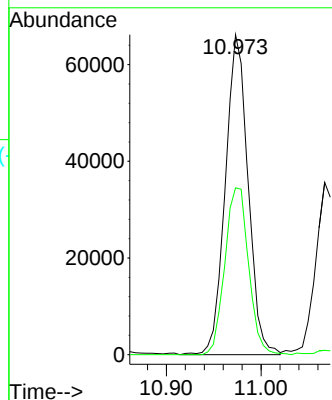
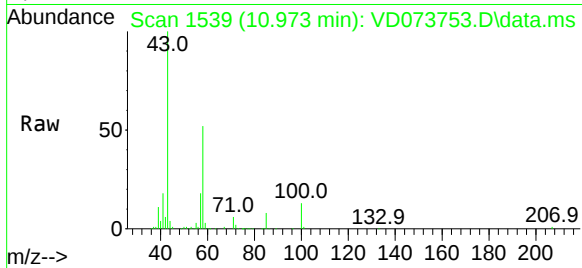




#59
2-Hexanone
Concen: 99.192 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

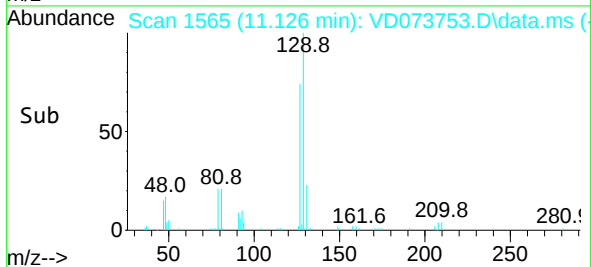
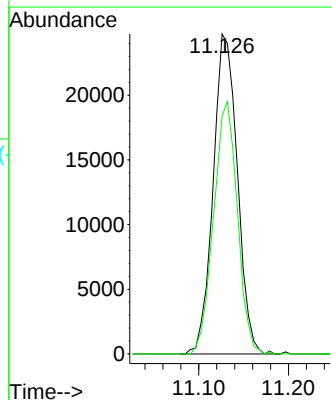
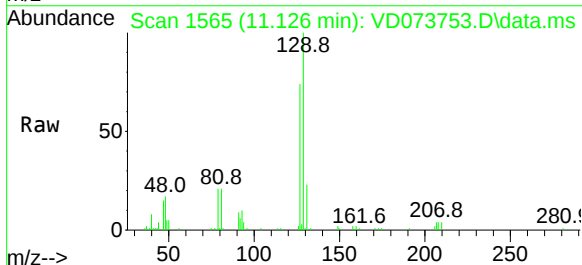
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

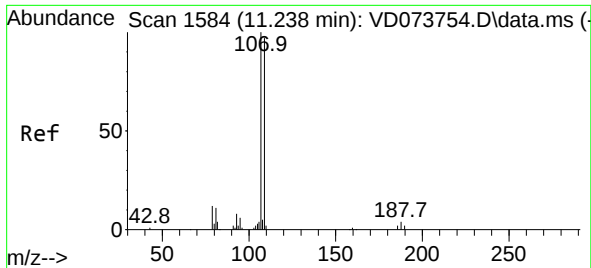
Tgt Ion: 43 Resp: 110475
Ion Ratio Lower Upper
43 100
58 54.5 28.8 86.4



#60
Dibromochloromethane
Concen: 20.243 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 129 Resp: 46306
Ion Ratio Lower Upper
129 100
127 77.6 36.8 110.4

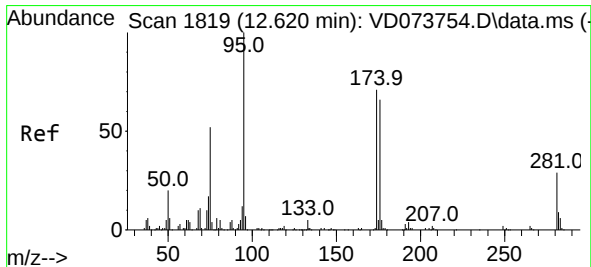
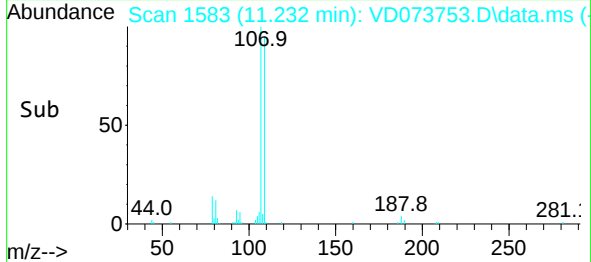
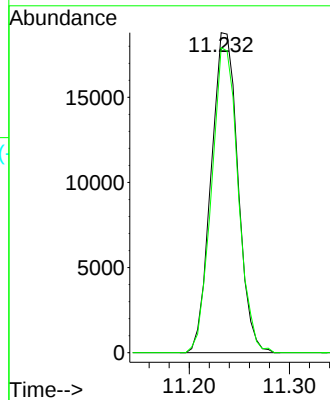
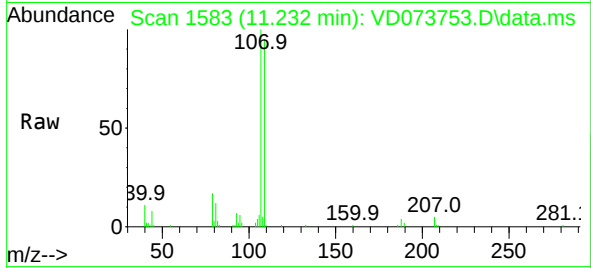




#61
1,2-Dibromoethane
Concen: 20.036 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

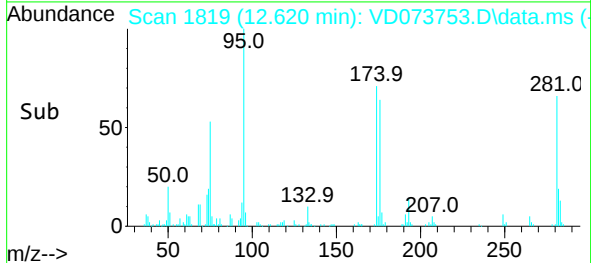
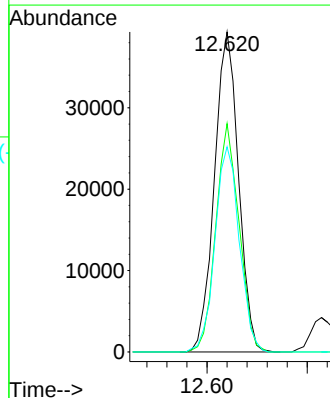
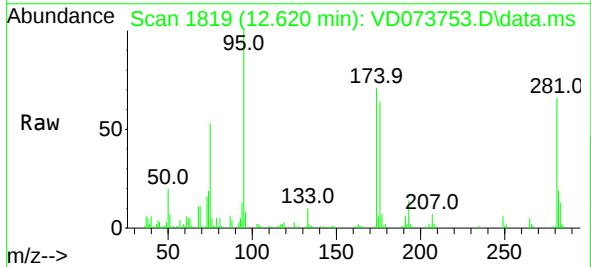
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

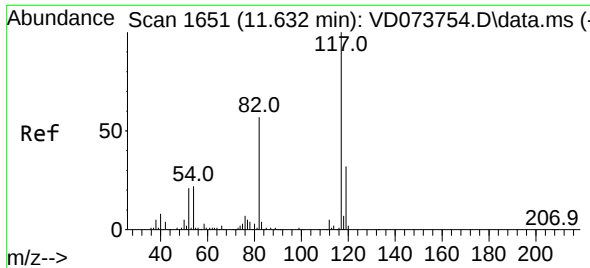
Tgt Ion:107 Resp: 34871
Ion Ratio Lower Upper
107 100
109 94.7 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 21.996 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 95 Resp: 65478
Ion Ratio Lower Upper
95 100
174 68.9 0.0 158.4
176 64.9 0.0 154.8

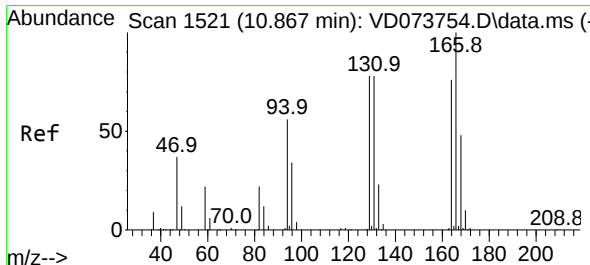
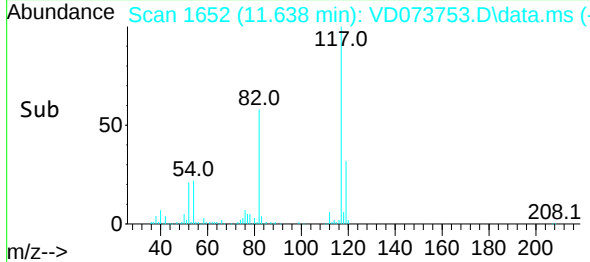
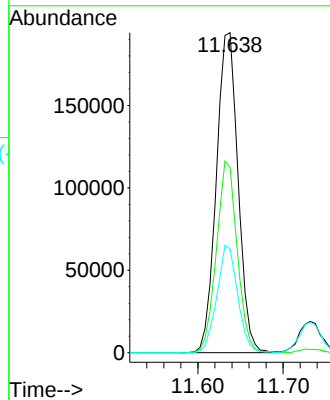
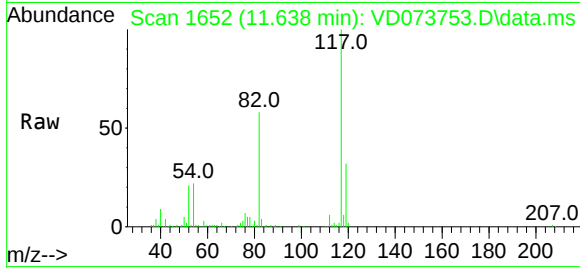




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

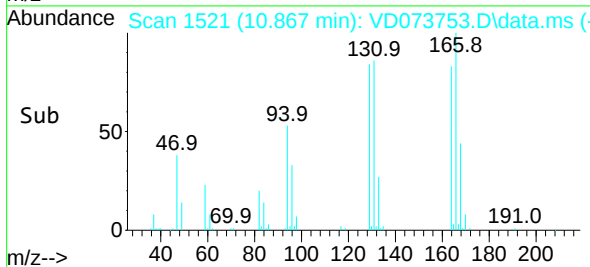
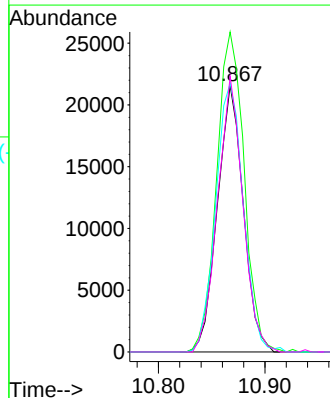
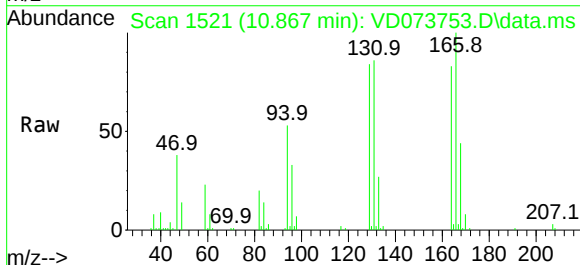
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

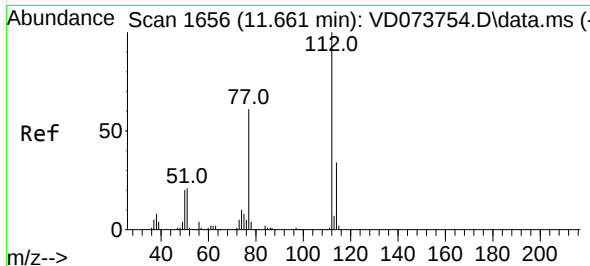
Tgt Ion:117 Resp: 343620
Ion Ratio Lower Upper
117 100
82 57.9 41.5 62.3
119 32.4 27.1 40.7



#64
Tetrachloroethene
Concen: 20.725 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion:164 Resp: 36403
Ion Ratio Lower Upper
164 100
166 120.1 97.0 145.4
129 100.8 75.2 112.8
131 103.4 72.1 108.1

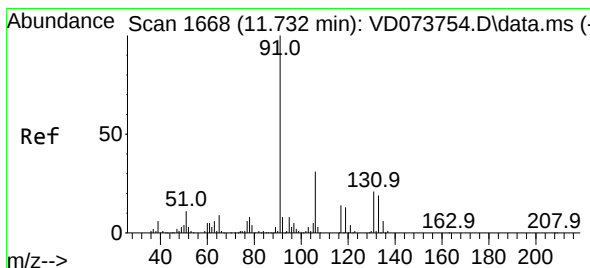
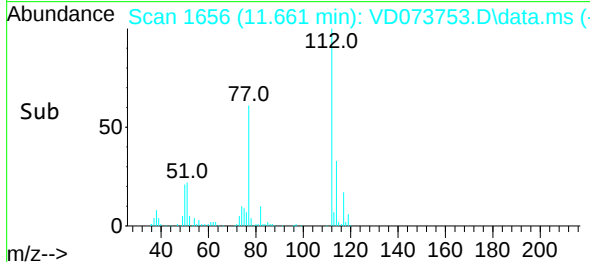
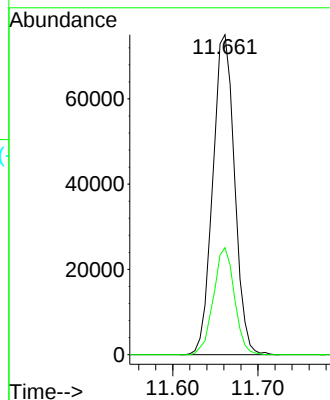
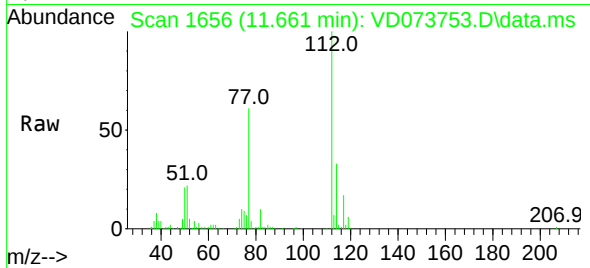




#65
Chlorobenzene
Concen: 21.010 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

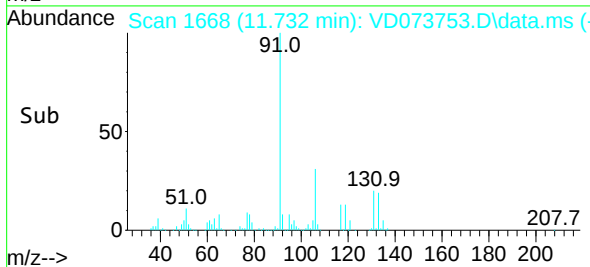
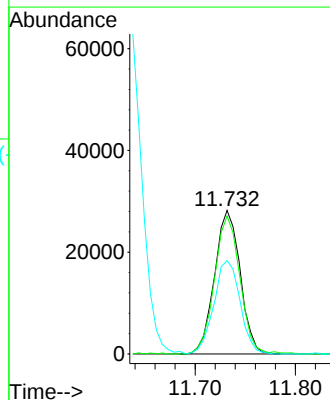
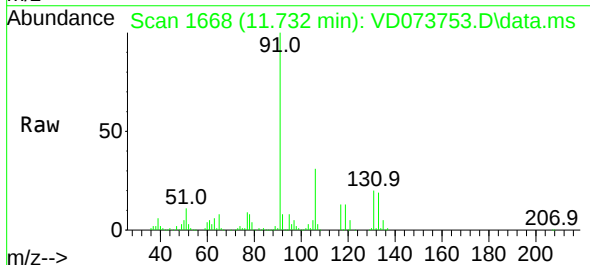
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

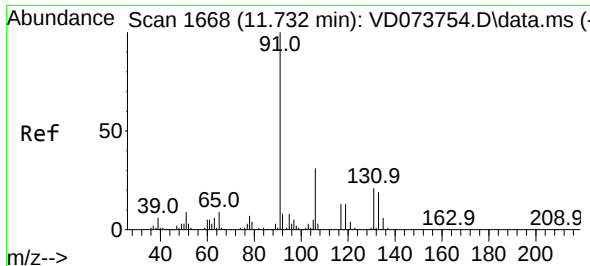
Tgt Ion:112 Resp: 133234
Ion Ratio Lower Upper
112 100
114 33.5 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.944 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion:131 Resp: 50077
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 66.5 31.4 94.3

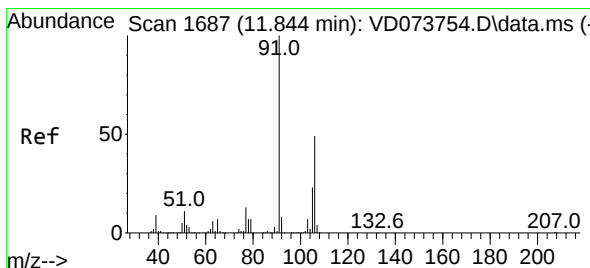
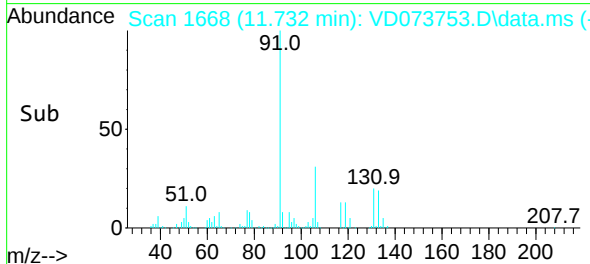
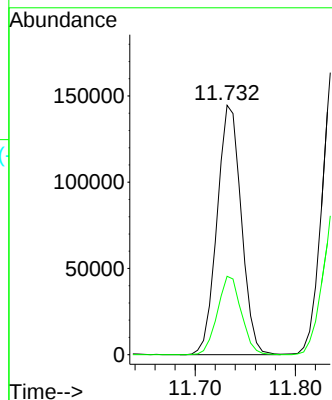
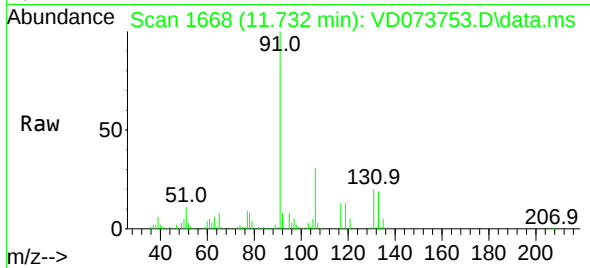




#67
Ethyl Benzene
Concen: 20.825 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

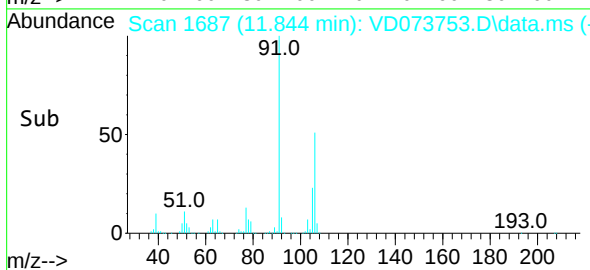
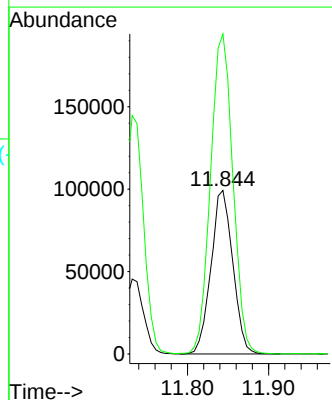
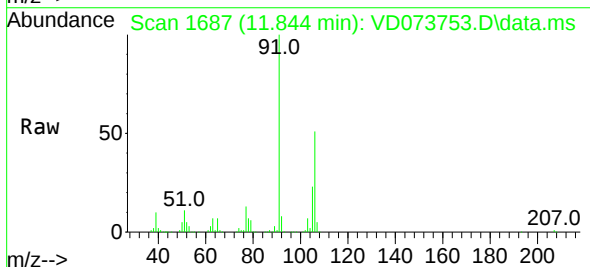
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

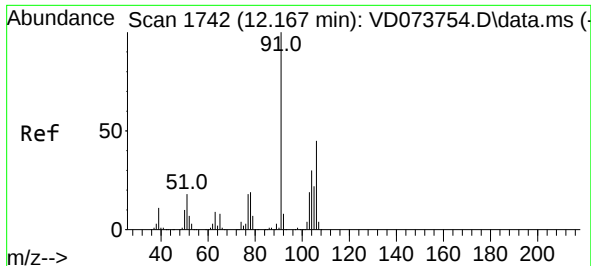
Tgt Ion: 91 Resp: 242563
Ion Ratio Lower Upper
91 100
106 31.4 23.5 35.3



#68
m/p-Xylenes
Concen: 41.810 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 106 Resp: 185265
Ion Ratio Lower Upper
106 100
91 200.5 161.4 242.2

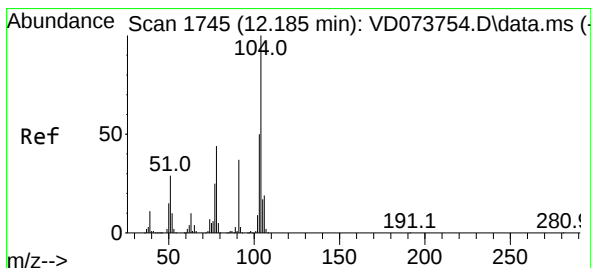
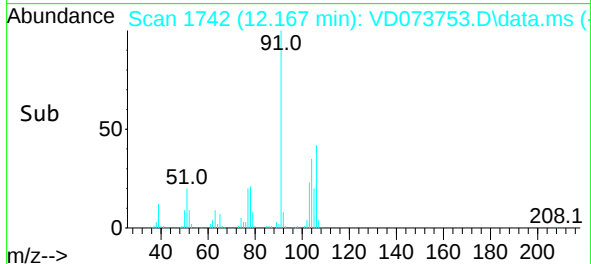
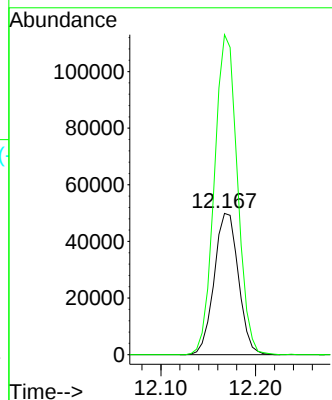
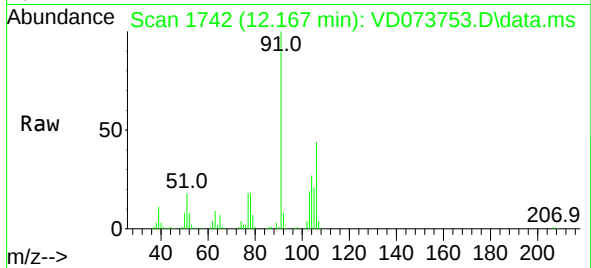




#69
o-Xylene
Concen: 20.439 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

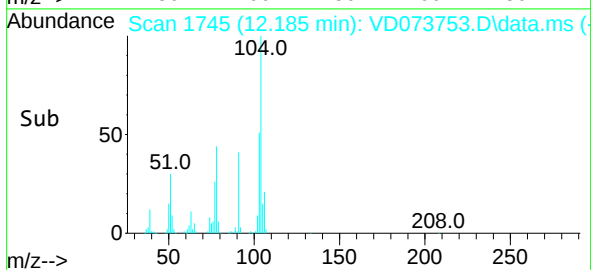
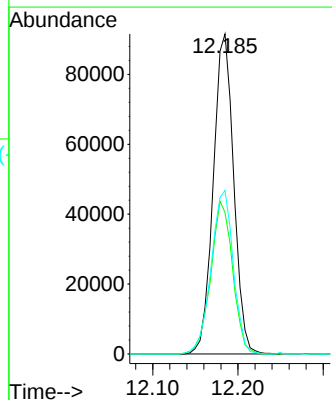
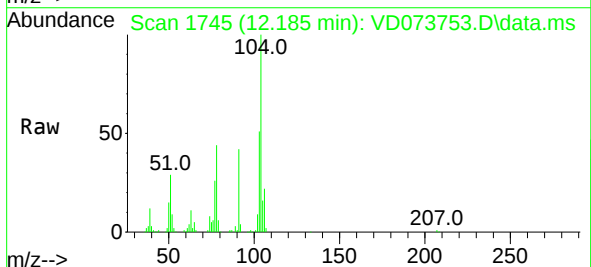
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

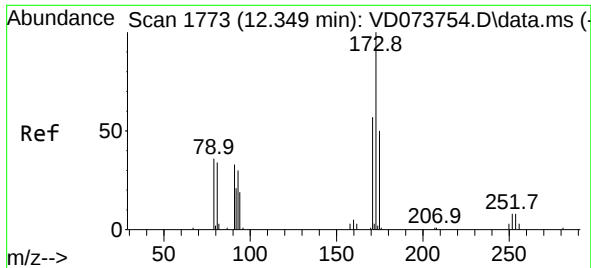
Tgt Ion:106 Resp: 88657
Ion Ratio Lower Upper
106 100
91 215.5 107.6 322.8



#70
Styrene
Concen: 20.541 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion:104 Resp: 152589
Ion Ratio Lower Upper
104 100
78 51.1 39.8 59.8
103 55.4 43.3 64.9

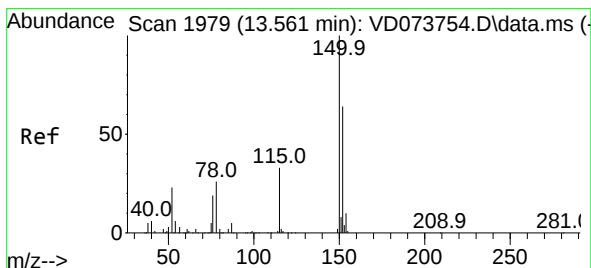
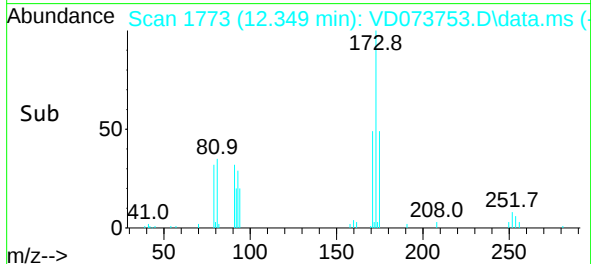
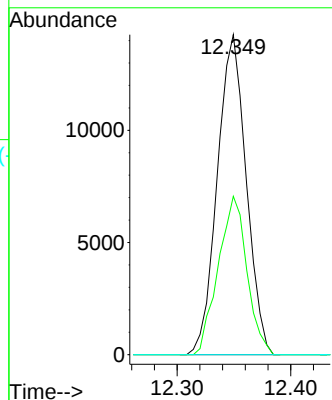
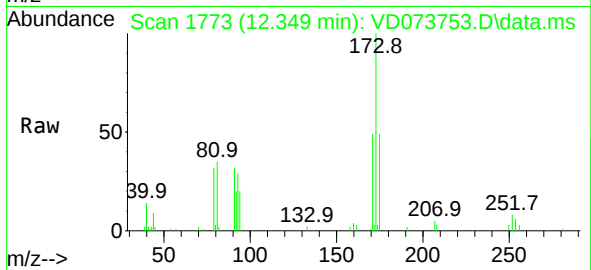




#71
Bromoform
Concen: 20.202 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

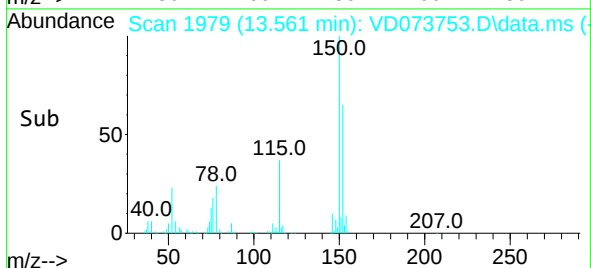
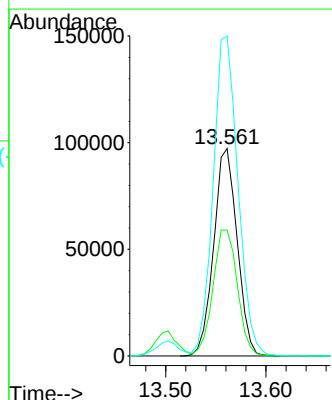
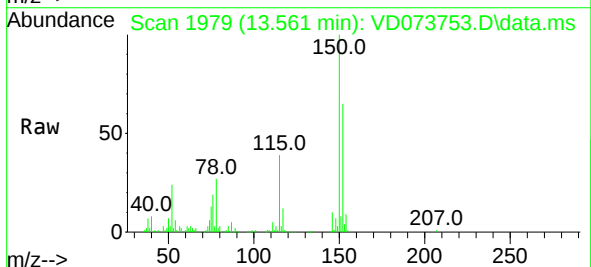
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

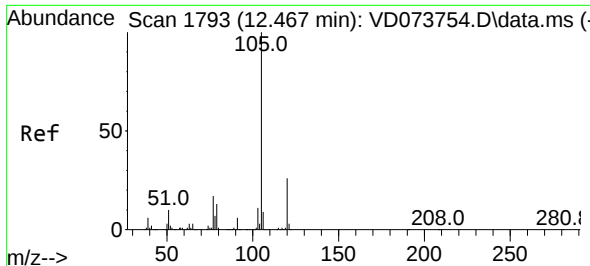
Tgt Ion:173 Resp: 25192
Ion Ratio Lower Upper
173 100
175 49.1 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion:152 Resp: 157997
Ion Ratio Lower Upper
152 100
115 63.2 30.6 91.6
150 162.9 0.0 355.0

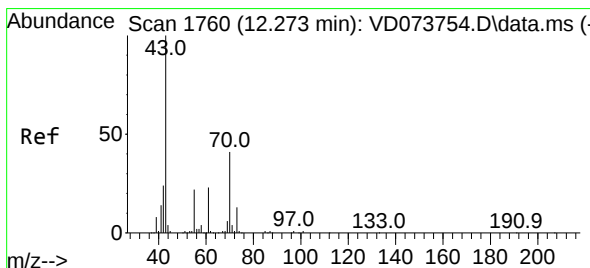
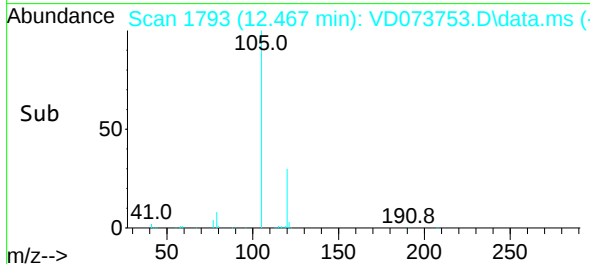
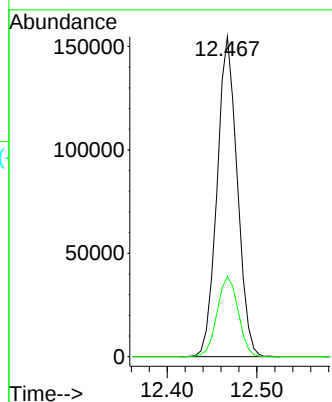
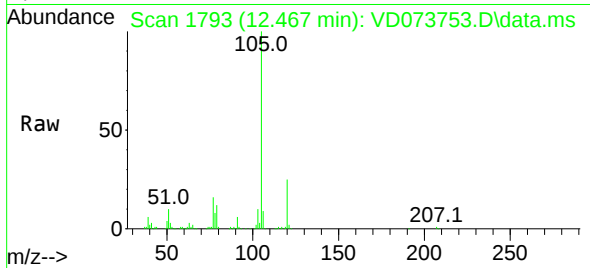




#73
Isopropylbenzene
Concen: 20.188 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

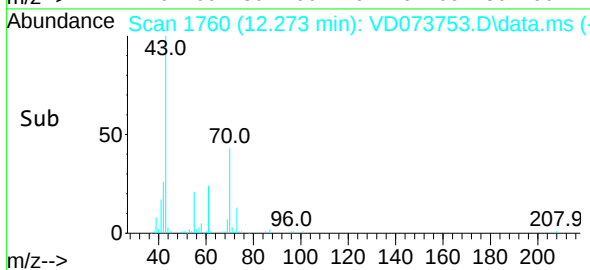
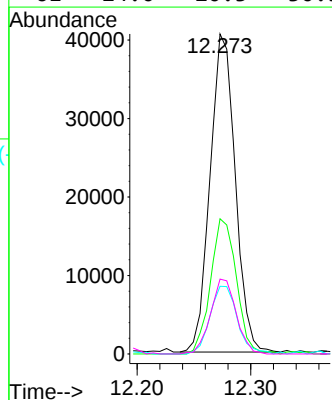
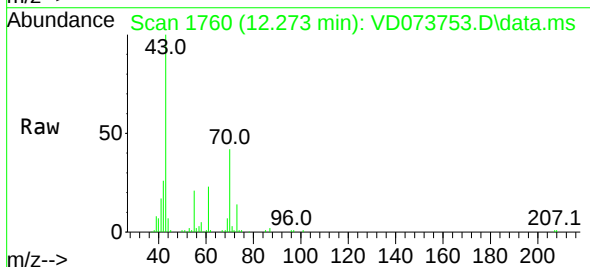
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

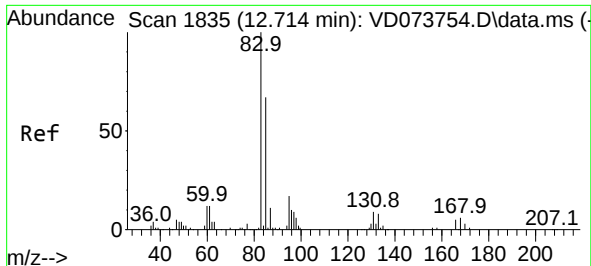
Tgt Ion:105 Resp: 241645
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6



#74
N-ethyl acetate
Concen: 19.220 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 43 Resp: 62467
Ion Ratio Lower Upper
43 100
70 43.6 35.0 52.6
55 23.2 21.0 31.4
61 24.0 20.3 30.5

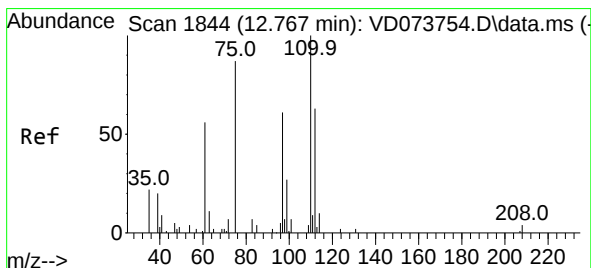
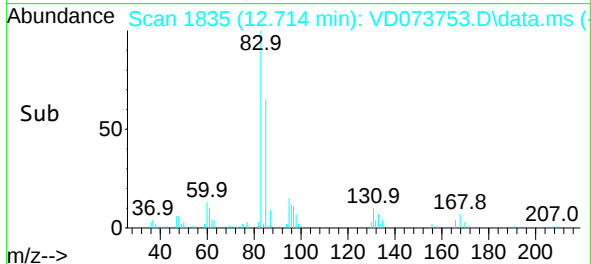
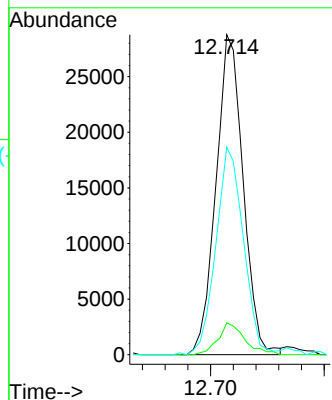
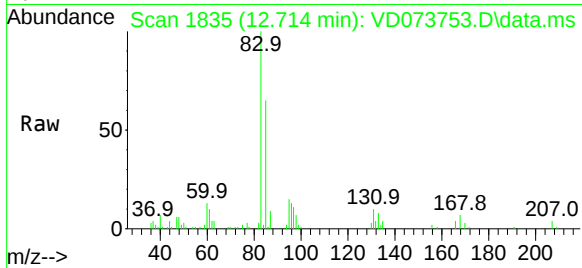




#75
1,1,2,2-Tetrachloroethane
Concen: 20.037 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

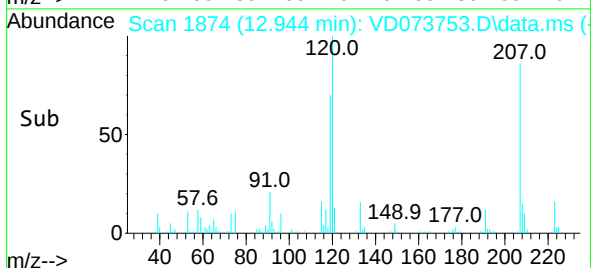
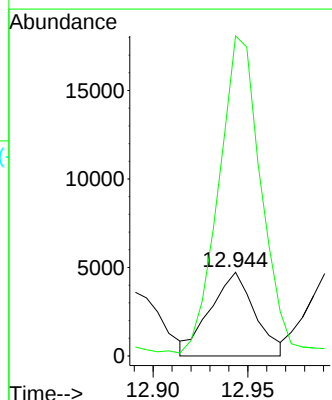
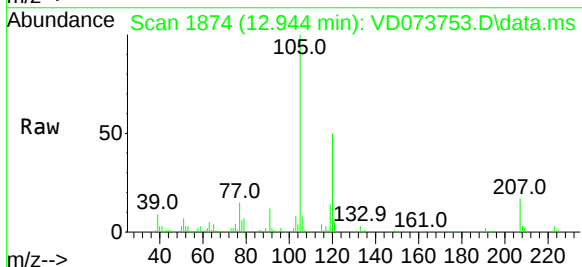
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

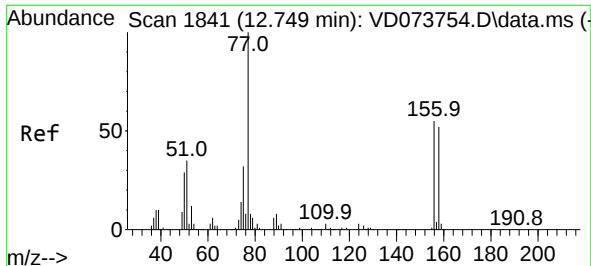
Tgt Ion: 83 Resp: 47808
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.7
85 65.6 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 5.128 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.176 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 75 Resp: 7743
Ion Ratio Lower Upper
75 100
77 375.6 195.3 586.0

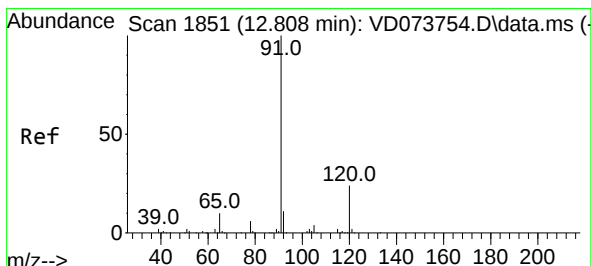
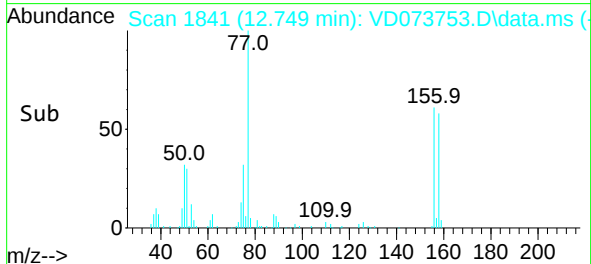
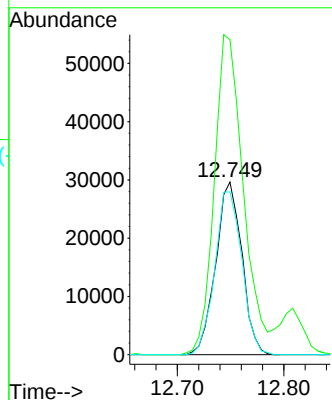
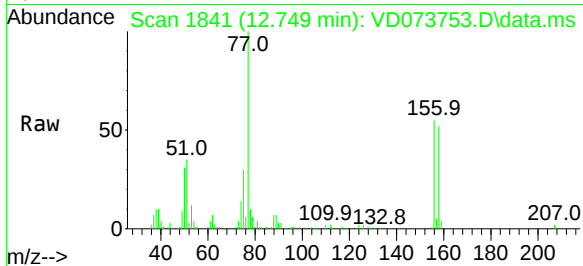




#77
Bromobenzene
Concen: 20.611 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

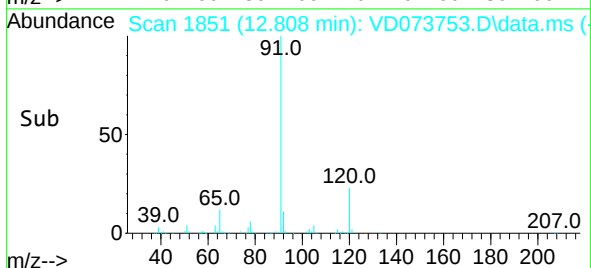
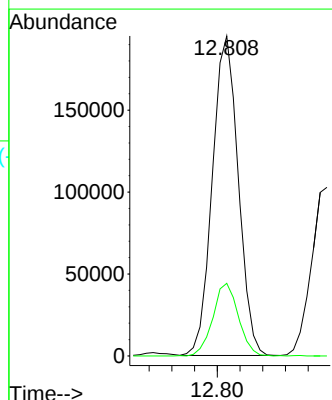
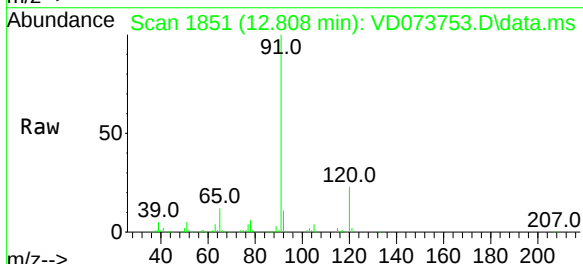
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

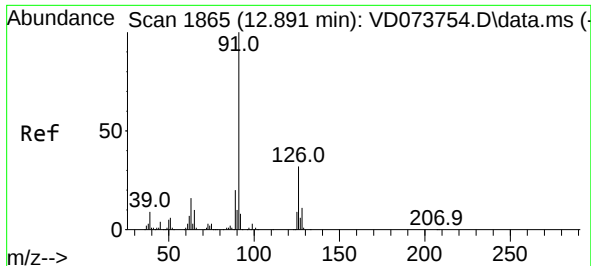
Tgt Ion	Ratio	Lower	Upper
156	100		
77	204.9	90.9	272.7
158	97.9	48.4	145.2



#78
n-propylbenzene
Concen: 20.615 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.8	35.3

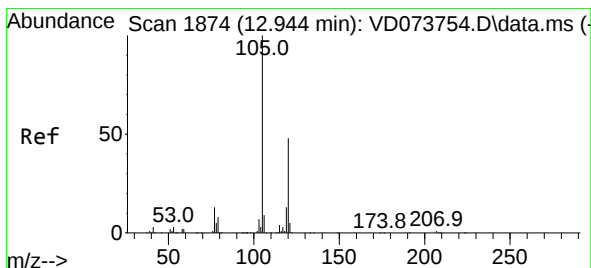
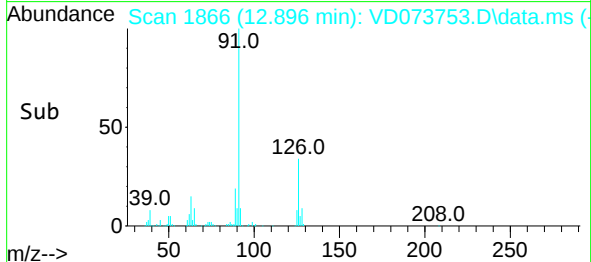
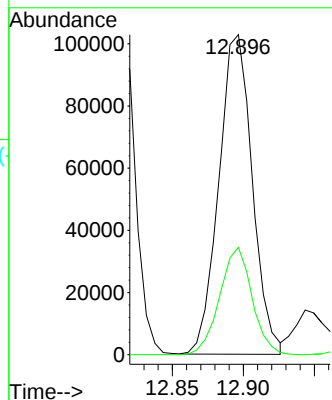
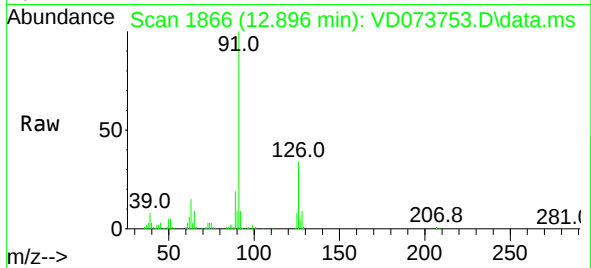




#79
2-Chlorotoluene
Concen: 20.174 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

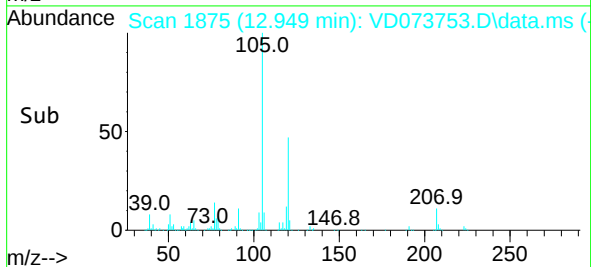
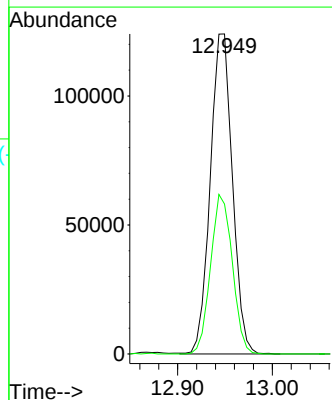
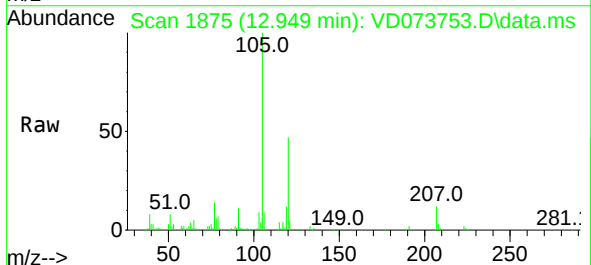
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

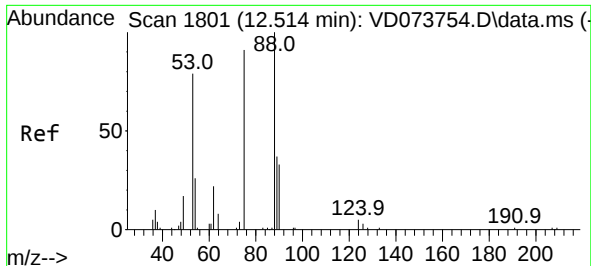
Tgt Ion: 91 Resp: 168684
Ion Ratio Lower Upper
91 100
126 32.4 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.236 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 105 Resp: 201466
Ion Ratio Lower Upper
105 100
120 48.8 24.5 73.5

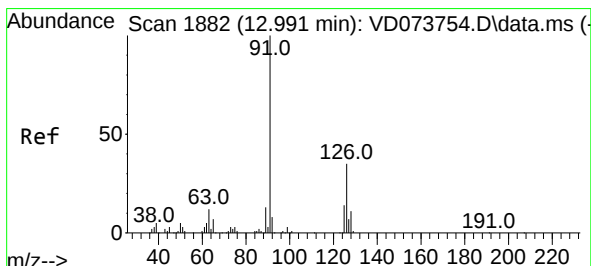
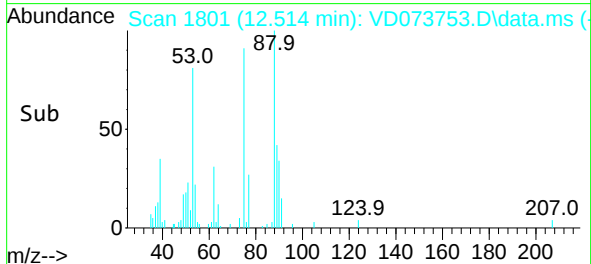
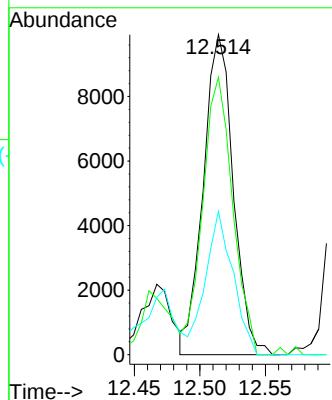
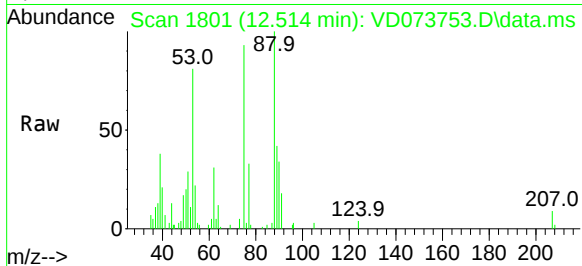




#81
 trans-1,4-Dichloro-2-butene
 Concen: 20.114 ug/l
 RT: 12.514 min Scan# 1801
 Delta R.T. -0.000 min
 Lab File: VD073753.D
 Acq: 30 Jun 2022 16:57

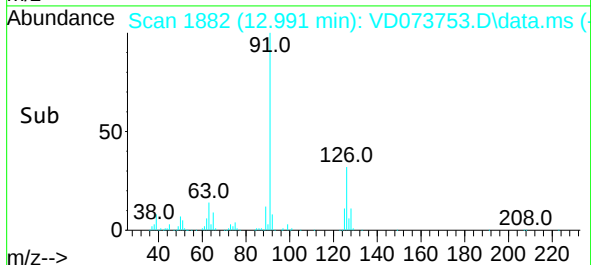
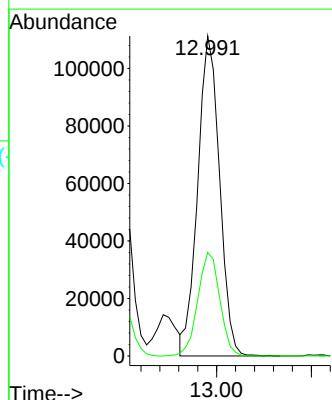
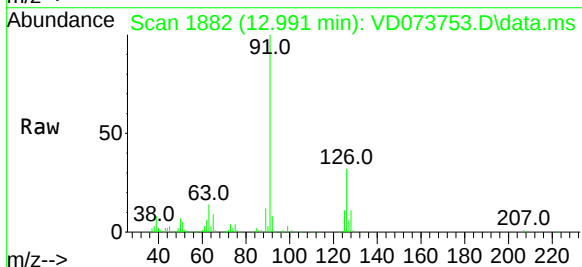
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

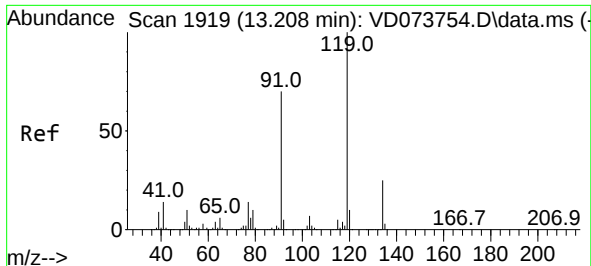
Tgt Ion: 75 Resp: 15743
 Ion Ratio Lower Upper
 75 100
 53 87.3 77.0 115.6
 89 41.0 37.8 56.8



#82
 4-Chlorotoluene
 Concen: 20.520 ug/l
 RT: 12.991 min Scan# 1882
 Delta R.T. -0.000 min
 Lab File: VD073753.D
 Acq: 30 Jun 2022 16:57

Tgt Ion: 91 Resp: 177900
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.8 50.4

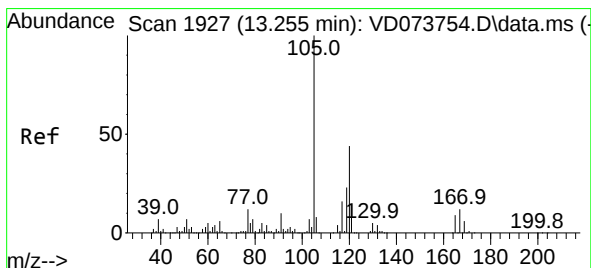
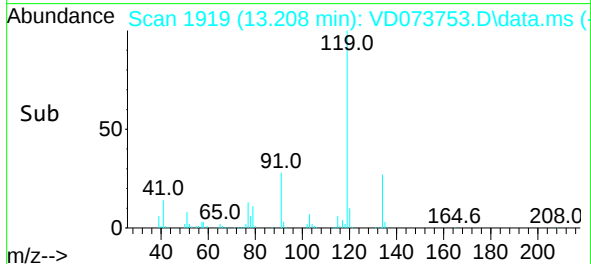
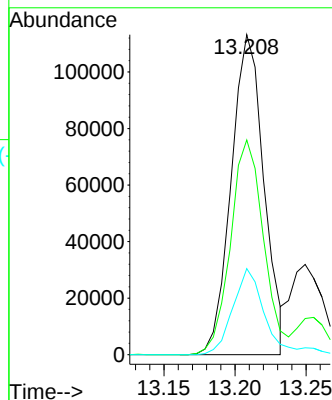
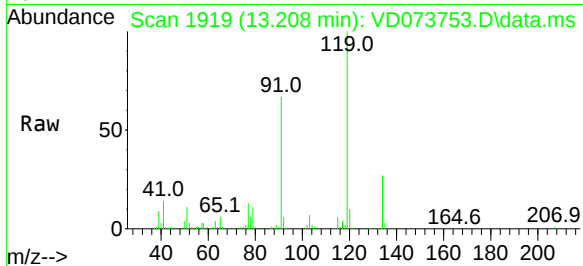




#83
tert-Butylbenzene
Concen: 20.581 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

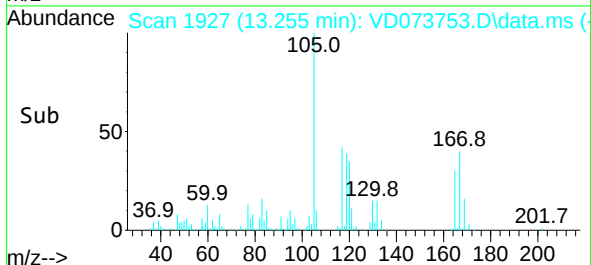
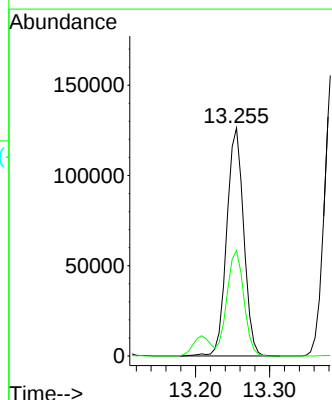
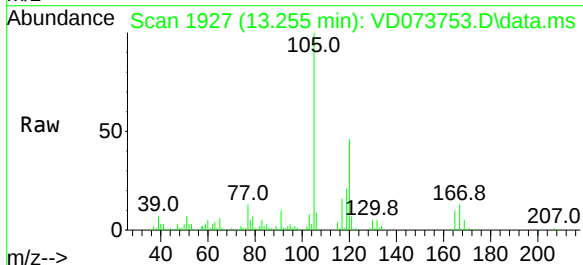
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

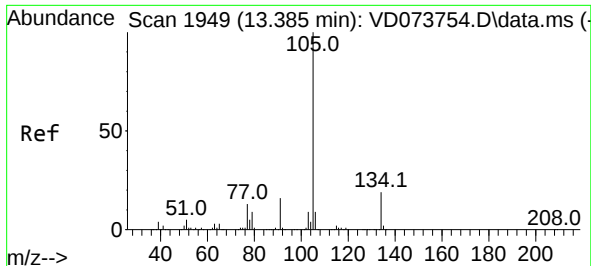
Tgt Ion:119 Resp: 181307
Ion Ratio Lower Upper
119 100
91 68.0 32.1 96.5
134 26.6 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 20.367 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion:105 Resp: 200374
Ion Ratio Lower Upper
105 100
120 46.2 22.6 67.8

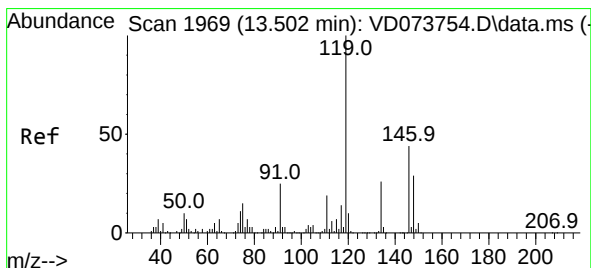
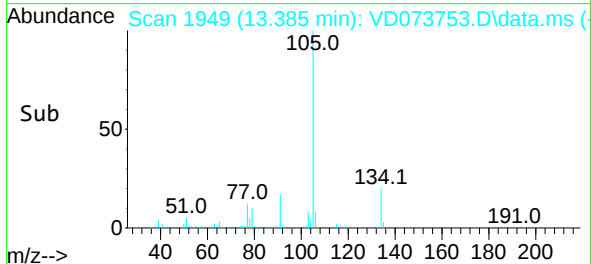
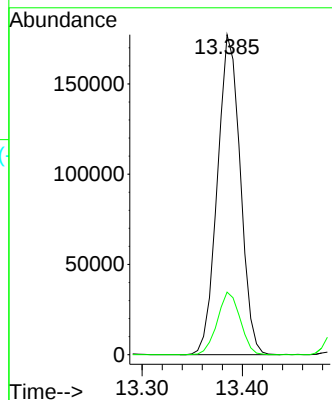
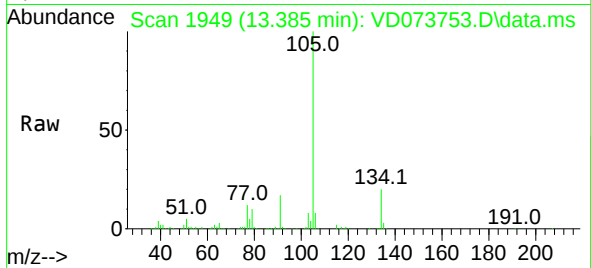




#85
sec-Butylbenzene
Concen: 20.595 ug/l
RT: 13.385 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

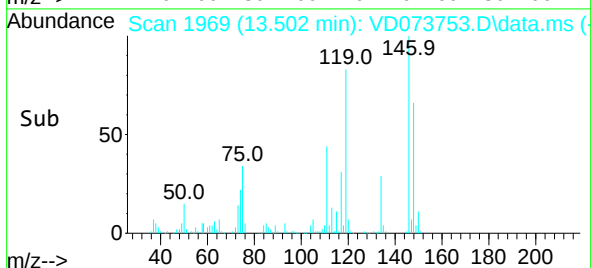
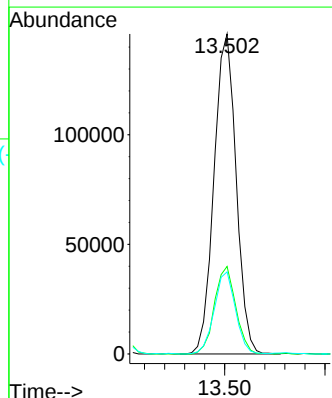
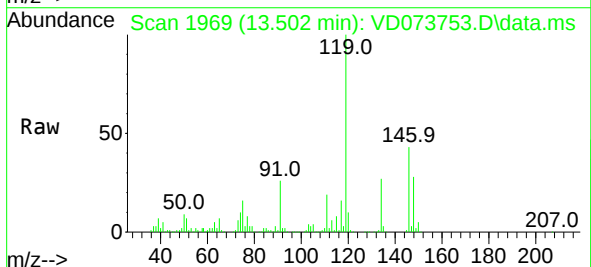
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

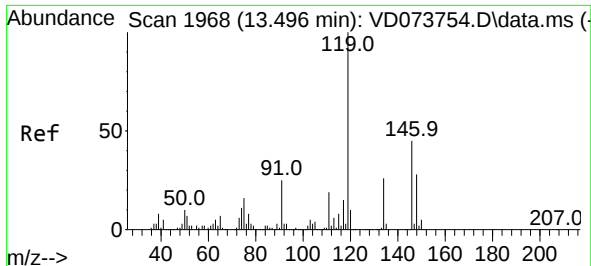
Tgt Ion:105 Resp: 280697
Ion Ratio Lower Upper
105 100
134 19.5 10.4 31.2



#86
p-Isopropyltoluene
Concen: 20.476 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion:119 Resp: 223631
Ion Ratio Lower Upper
119 100
134 26.4 13.0 39.0
91 24.6 12.1 36.3

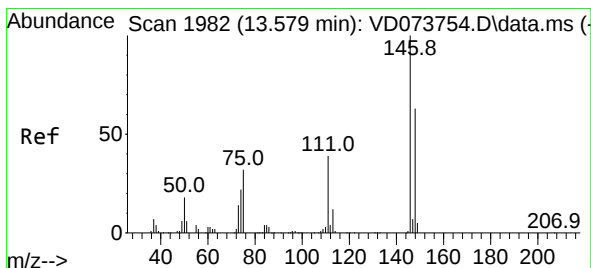
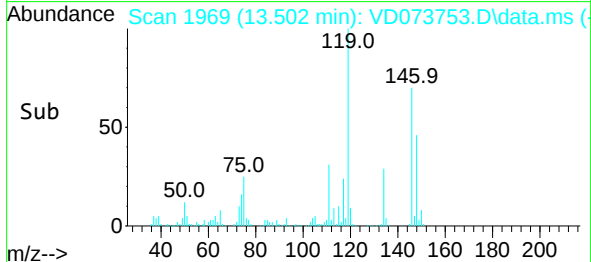
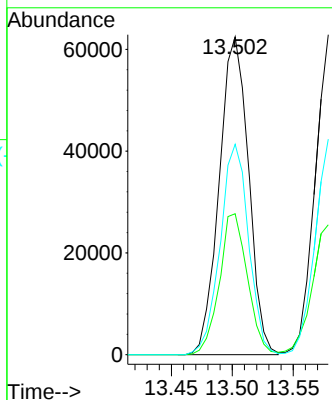
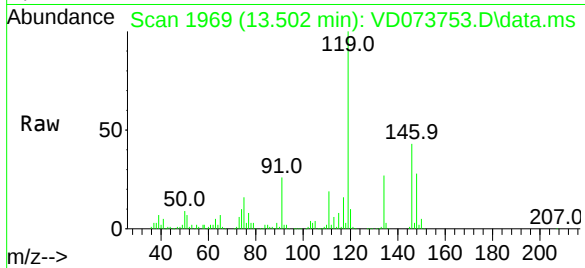




#87
1,3-Dichlorobenzene
Concen: 20.485 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

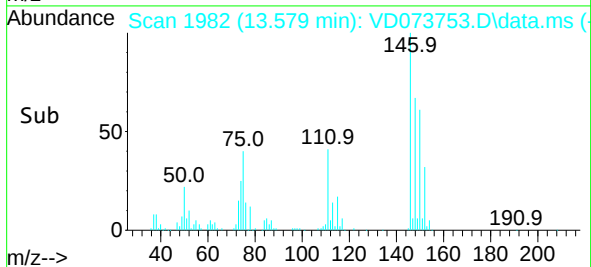
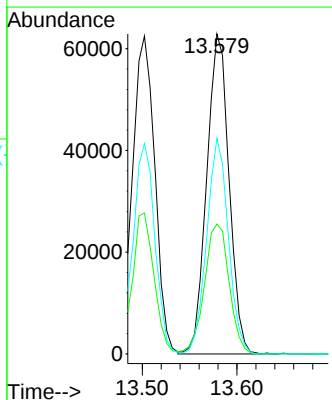
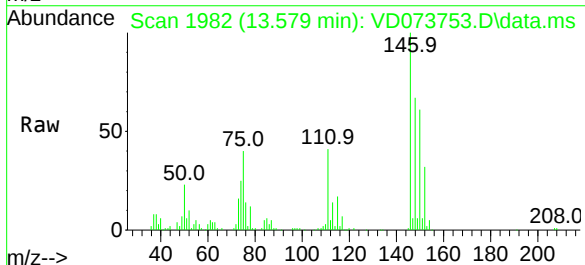
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

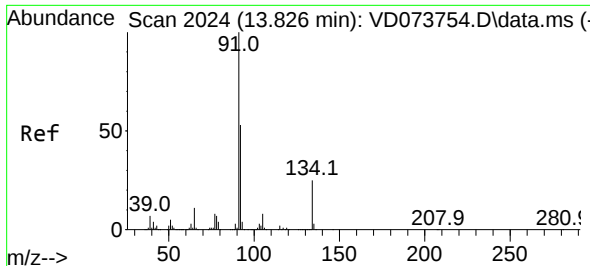
Tgt Ion:146 Resp: 104694
Ion Ratio Lower Upper
146 100
111 42.5 20.3 60.9
148 64.3 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 20.236 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion:146 Resp: 103081
Ion Ratio Lower Upper
146 100
111 44.9 19.6 58.8
148 65.6 31.8 95.3

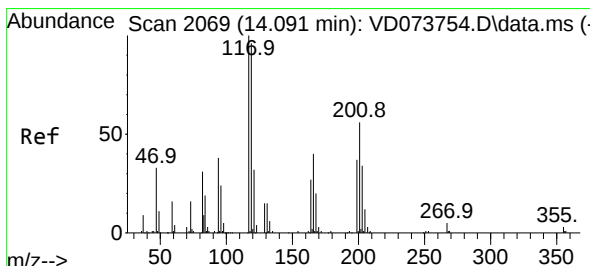
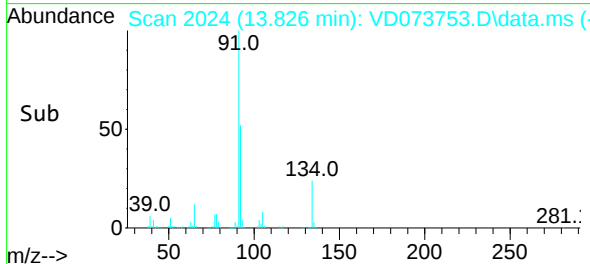
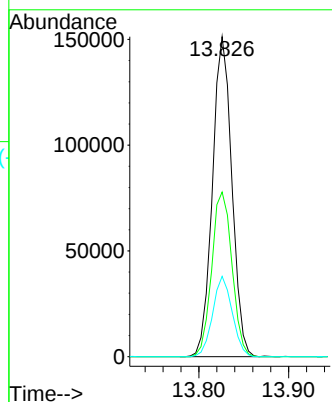
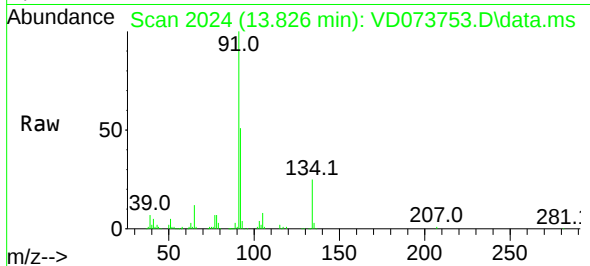




#89
n-Butylbenzene
Concen: 20.601 ug/l
RT: 13.826 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

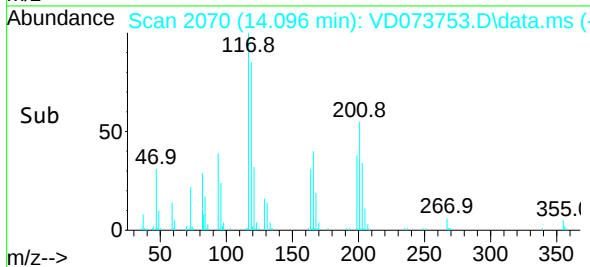
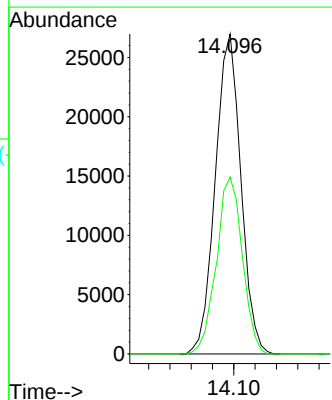
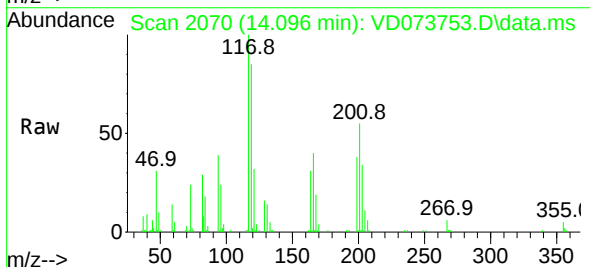
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

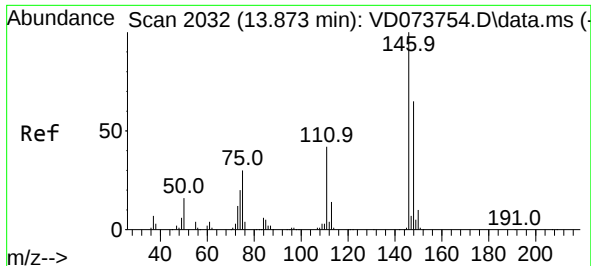
Tgt Ion: 91 Resp: 227080
Ion Ratio Lower Upper
91 100
92 53.6 26.4 79.2
134 25.2 12.7 38.0



#90
Hexachloroethane
Concen: 20.800 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 117 Resp: 44910
Ion Ratio Lower Upper
117 100
201 56.2 33.8 101.4

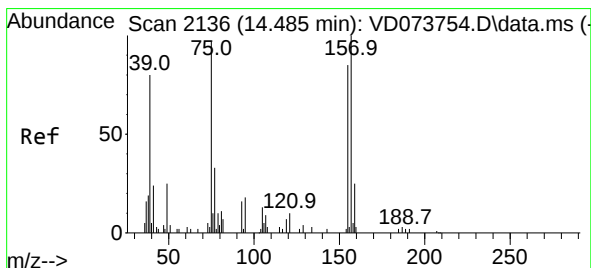
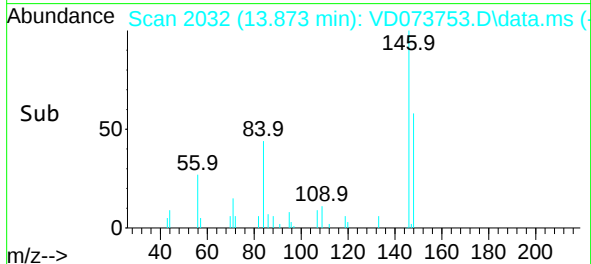
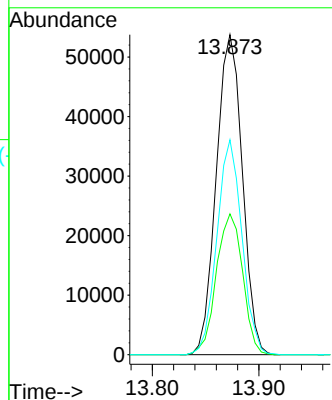
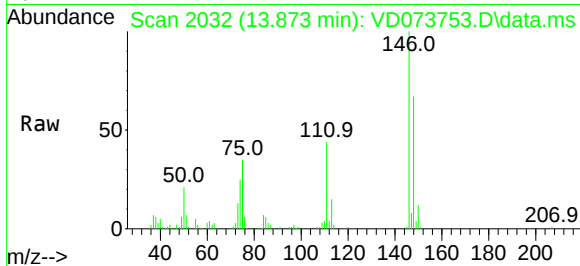




#91
1,2-Dichlorobenzene
Concen: 20.246 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

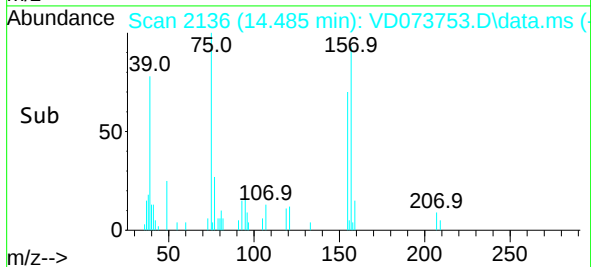
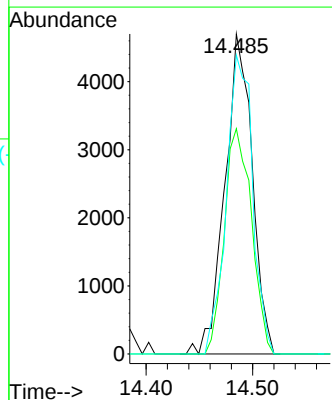
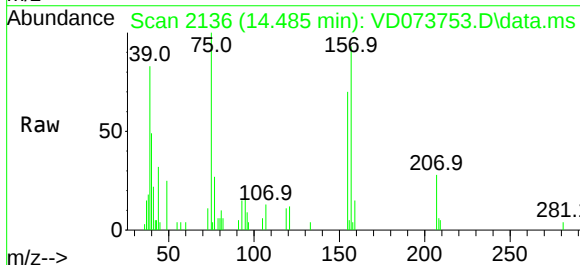
Instrument :
MSVOA_D
ClientSampleId :
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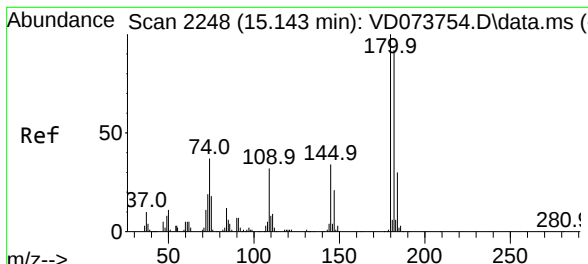
Tgt Ion:146 Resp: 91529
Ion Ratio Lower Upper
146 100
111 44.3 21.1 63.3
148 64.4 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.292 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion: 75 Resp: 8368
Ion Ratio Lower Upper
75 100
155 70.0 41.2 123.6
157 89.9 55.5 166.5

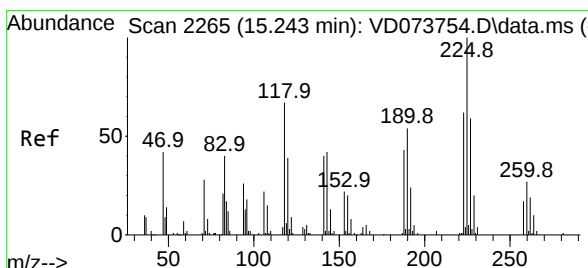
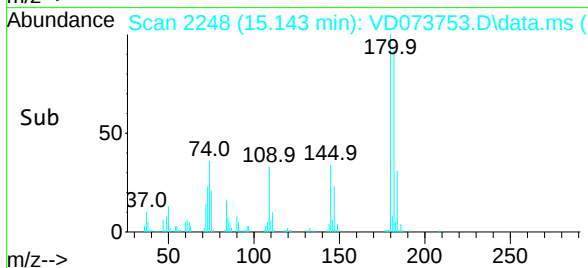
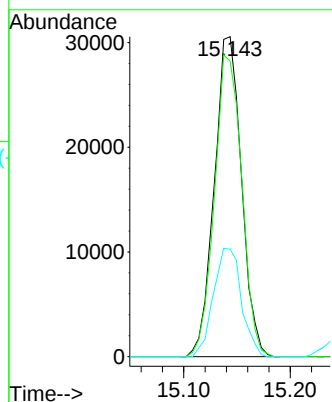
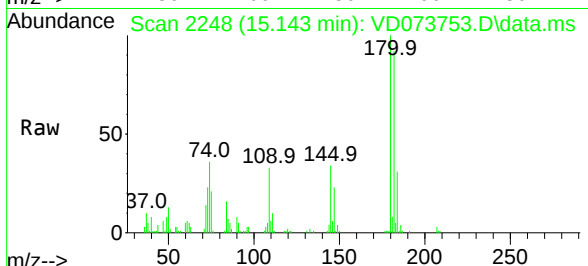




#93
1,2,4-Trichlorobenzene
Concen: 20.028 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

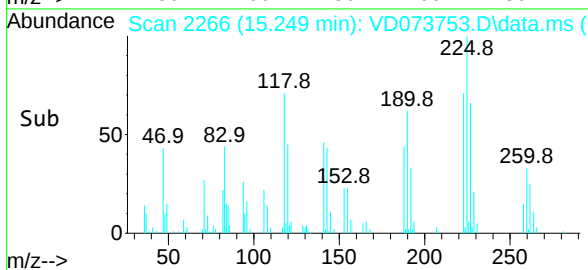
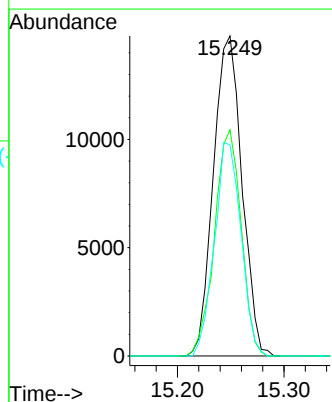
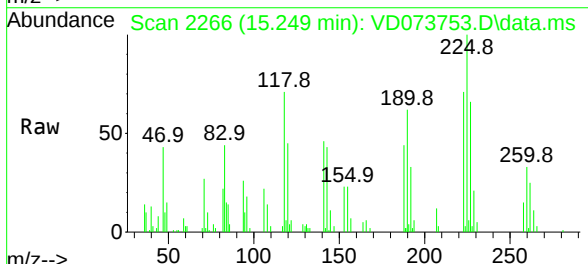
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

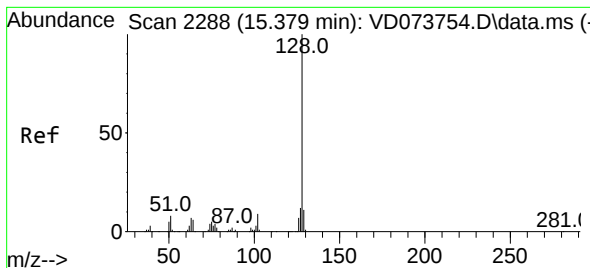
Tgt Ion:180 Resp: 54002
Ion Ratio Lower Upper
180 100
182 94.9 48.0 144.0
145 34.9 16.2 48.5



#94
Hexachlorobutadiene
Concen: 20.557 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.006 min
Lab File: VD073753.D
Acq: 30 Jun 2022 16:57

Tgt Ion:225 Resp: 27511
Ion Ratio Lower Upper
225 100
223 65.9 32.6 97.8
227 62.1 32.6 97.8





#95

Naphthalene

Concen: 19.765 ug/l

RT: 15.379 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

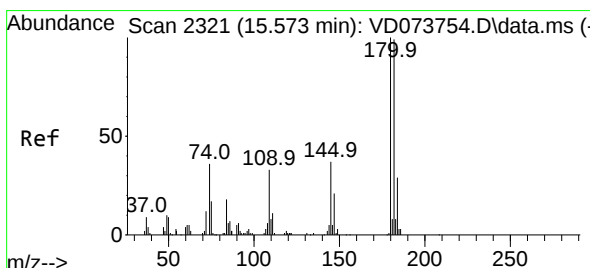
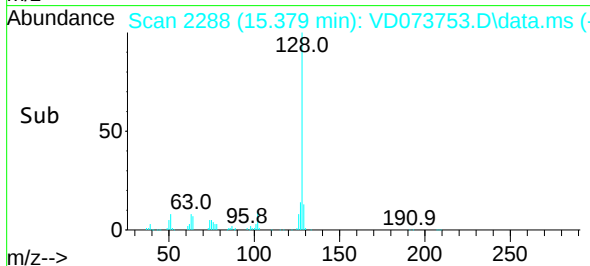
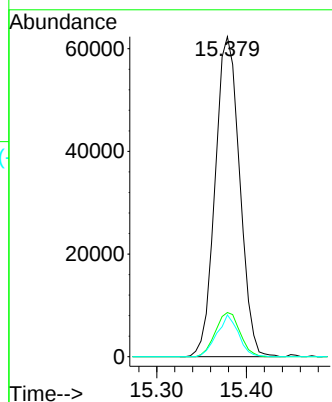
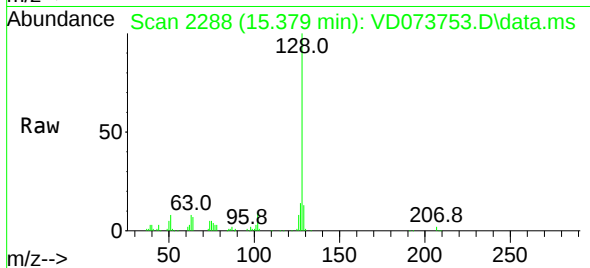
Tgt Ion:128 Resp: 118141

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 11.5 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.951 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073753.D

Acq: 30 Jun 2022 16:57

Tgt Ion:180 Resp: 46787

Ion Ratio Lower Upper

180 100

182 92.7 49.0 147.0

145 38.2 17.6 52.8

