

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063022\
 Data File : VD073751.D
 Acq On : 30 Jun 2022 15:59
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 01 02:28:06 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	7.967	168	238211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	433983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	387742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	170998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	13137	5.653	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.300%#
35) Dibromofluoromethane	7.902	113	12301	5.218	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.440%#
50) Toluene-d8	10.332	98	48553	5.614	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	11.220%#
62) 4-Bromofluorobenzene	12.620	95	18409	5.397	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	8900	6.057	ug/l	92
3) Chloromethane	2.209	50	8969	5.440	ug/l	98
4) Vinyl Chloride	2.338	62	10056	5.397	ug/l #	85
5) Bromomethane	2.750	94	8592	6.602	ug/l	95
6) Chloroethane	2.909	64	7118	5.256	ug/l	100
7) Trichlorofluoromethane	3.261	101	18211	5.353	ug/l	98
8) Diethyl Ether	3.703	74	5971	5.248	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.073	101	12396	5.495	ug/l	90
10) Methyl Iodide	4.297	142	7442	4.644	ug/l	97
11) Tert butyl alcohol	5.179	59	41743	72.927	ug/l #	100
12) 1,1-Dichloroethene	4.056	96	11079	5.730	ug/l	100
13) Acrolein	3.920	56	624	11.691	ug/l	96
14) Allyl chloride	4.708	41	17359	5.206	ug/l	93
15) Acrylonitrile	5.408	53	16196	26.140	ug/l	94
16) Acetone	4.150	43	15152	31.339	ug/l	91
17) Carbon Disulfide	4.397	76	16642	5.430	ug/l	96
18) Methyl Acetate	4.703	43	14064	7.504	ug/l	90
19) Methyl tert-butyl Ether	5.479	73	32677	5.200	ug/l	95
20) Methylene Chloride	4.956	84	24585	7.829	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	12967	5.921	ug/l	90
22) Diisopropyl ether	6.350	45	43309	5.158	ug/l	95
23) Vinyl Acetate	6.291	43	89757	21.132	ug/l	97
24) 1,1-Dichloroethane	6.250	63	25434	5.419	ug/l	96
25) 2-Butanone	7.202	43	22391	28.200	ug/l #	87
26) 2,2-Dichloropropane	7.202	77	24100	5.557	ug/l	99
27) cis-1,2-Dichloroethene	7.202	96	15964	5.406	ug/l	97
28) Bromochloromethane	7.532	49	9392	5.205	ug/l #	83
29) Tetrahydrofuran	7.555	42	12232	24.372	ug/l	96
30) Chloroform	7.702	83	25922	5.210	ug/l	96
31) Cyclohexane	7.973	56	24631	6.641	ug/l #	82
32) 1,1,1-Trichloroethane	7.897	97	23384	5.359	ug/l	94
36) 1,1-Dichloropropene	8.108	75	18043	5.512	ug/l	97
37) Ethyl Acetate	7.291	43	8623	4.997	ug/l #	90
38) Carbon Tetrachloride	8.085	117	18455	5.251	ug/l	87
39) Methylcyclohexane	9.344	83	20726	5.559	ug/l	98
40) Benzene	8.338	78	51456	5.322	ug/l	95

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Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

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 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)
41) Methacrylonitrile	7.502	41	4058	3.869	ug/l #	48
42) 1,2-Dichloroethane	8.414	62	15197	5.215	ug/l	97
43) Isopropyl Acetate	8.444	43	19709	5.357	ug/l	95
44) Trichloroethene	9.102	130	13632	5.307	ug/l	93
45) 1,2-Dichloropropane	9.379	63	14410	5.237	ug/l	95
46) Dibromomethane	9.467	93	7461	5.167	ug/l	91
47) Bromodichloromethane	9.649	83	19413	4.970	ug/l	92
48) Methyl methacrylate	9.449	41	9213	5.582	ug/l	91
49) 1,4-Dioxane	9.455	88	1764	90.896	ug/l #	79
51) 4-Methyl-2-Pentanone	10.220	43	47132	25.167	ug/l	97
52) Toluene	10.396	92	33901	5.257	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	19833	5.168	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	23415	5.389	ug/l #	94
55) 1,1,2-Trichloroethane	10.791	97	10870	5.036	ug/l	95
56) Ethyl methacrylate	10.649	69	14401	5.031	ug/l	96
57) 1,3-Dichloropropane	10.938	76	18421	5.070	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	33686	29.031	ug/l	97
59) 2-Hexanone	10.973	43	32792	25.696	ug/l	91
60) Dibromochloromethane	11.126	129	13281	5.067	ug/l	99
61) 1,2-Dibromoethane	11.238	107	10583	5.307	ug/l	98
64) Tetrachloroethene	10.867	164	11459	5.781	ug/l	97
65) Chlorobenzene	11.661	112	37050	5.178	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	13440	4.982	ug/l	89
67) Ethyl Benzene	11.732	91	68760	5.231	ug/l	96
68) m/p-Xylenes	11.843	106	51918	10.383	ug/l	100
69) o-Xylene	12.167	106	26087	5.330	ug/l	93
70) Styrene	12.185	104	43459	5.185	ug/l	99
71) Bromoform	12.349	173	7008	4.980	ug/l #	98
73) Isopropylbenzene	12.467	105	67484	5.209	ug/l	100
74) N-amyl acetate	12.273	43	18497	5.259	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	13840	5.360	ug/l	98
76) 1,2,3-Trichloropropane	12.937	75	1681	1.029	ug/l	71
77) Bromobenzene	12.749	156	14150	5.331	ug/l	82
78) n-propylbenzene	12.808	91	86735	5.349	ug/l	94
79) 2-Chlorotoluene	12.896	91	47923	5.296	ug/l	95
80) 1,3,5-Trimethylbenzene	12.943	105	56450	5.239	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	3978	4.696	ug/l	96
82) 4-Chlorotoluene	12.990	91	49209	5.244	ug/l	99
83) tert-Butylbenzene	13.214	119	47427	4.974	ug/l	91
84) 1,2,4-Trimethylbenzene	13.255	105	55254	5.189	ug/l	100
85) sec-Butylbenzene	13.390	105	77263	5.238	ug/l	96
86) p-Isopropyltoluene	13.502	119	61307	5.187	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	28689	5.187	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	29204	5.297	ug/l	92
89) n-Butylbenzene	13.826	91	62067	5.203	ug/l	99
90) Hexachloroethane	14.096	117	12424	5.317	ug/l	81
91) 1,2-Dichlorobenzene	13.873	146	25502	5.212	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.484	75	2609	6.134	ug/l	78
93) 1,2,4-Trichlorobenzene	15.143	180	15315	5.248	ug/l	95
94) Hexachlorobutadiene	15.243	225	7799	5.385	ug/l	89
95) Naphthalene	15.384	128	32716	5.057	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	12868	5.070	ug/l	99

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

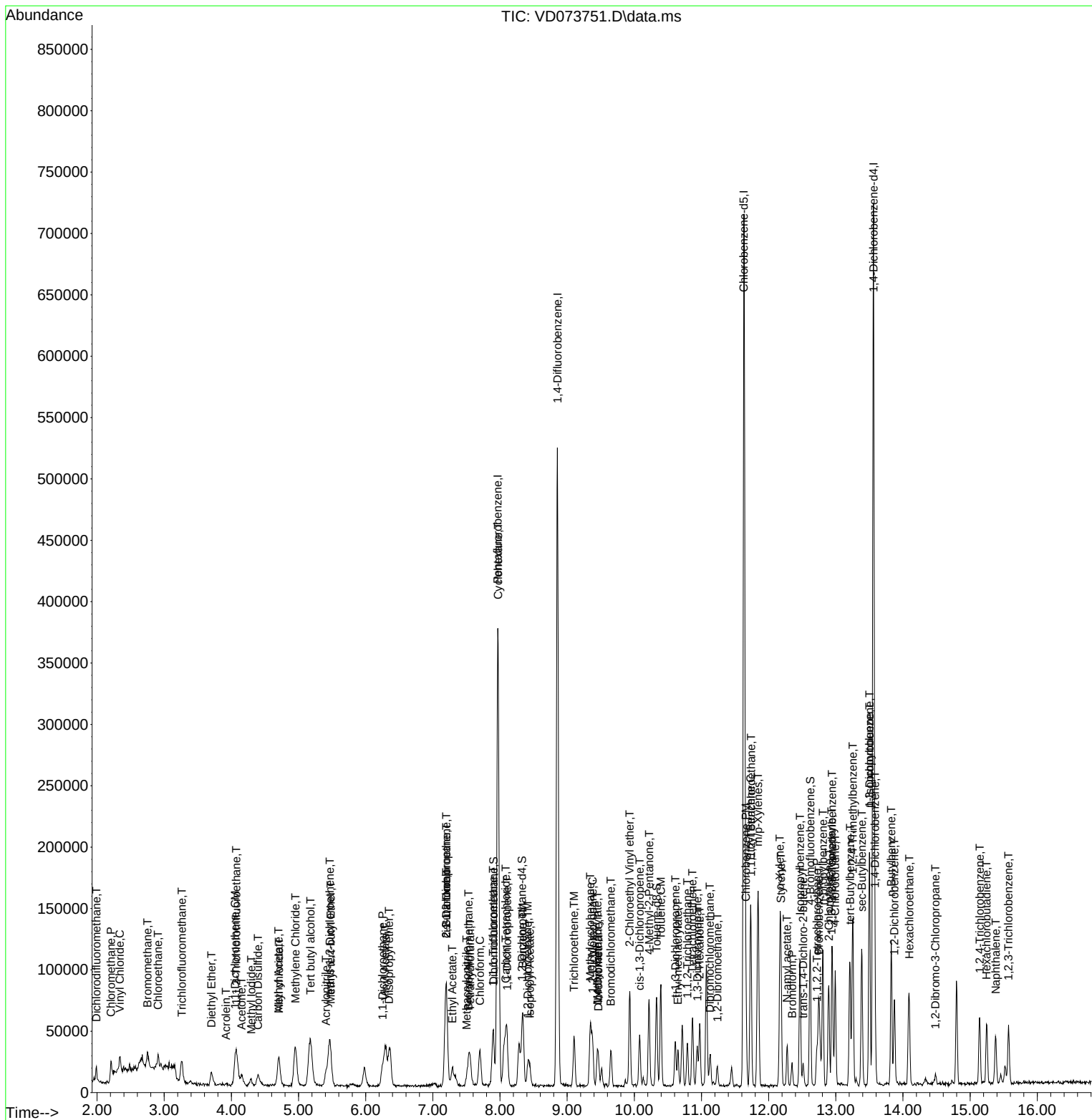
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MSVOA_D
ClientSampleId :
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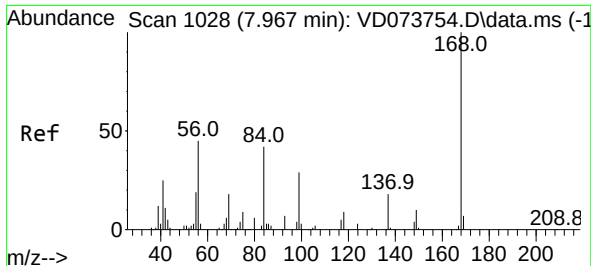
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 01 02:25:54 2022
Response via : Initial Calibration

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

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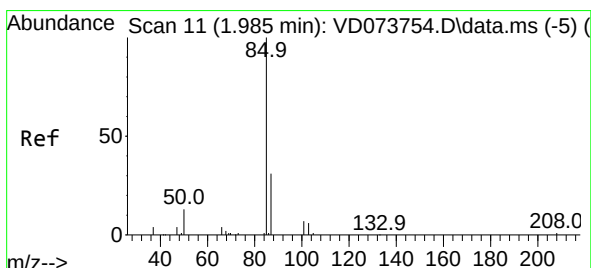
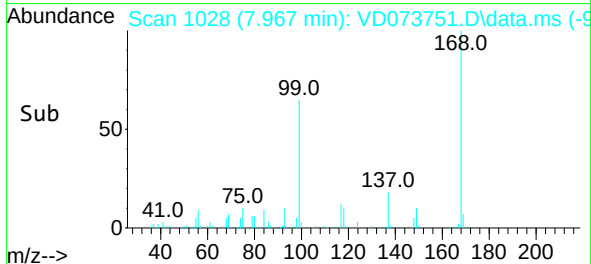
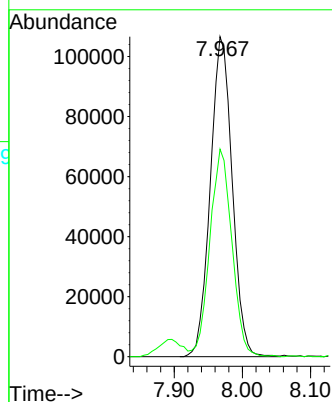
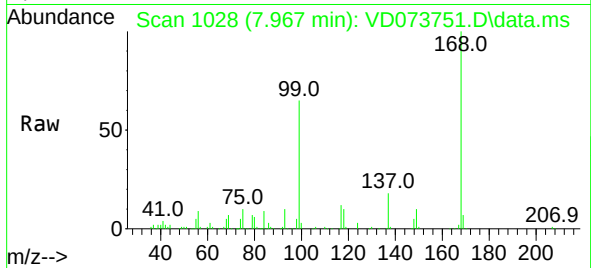




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD073751.D
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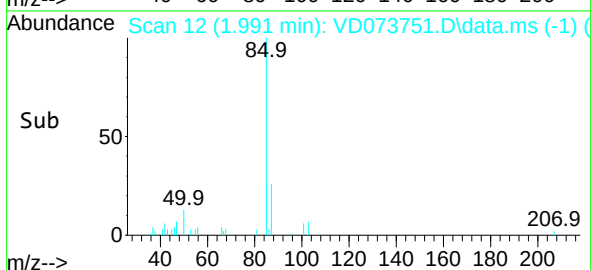
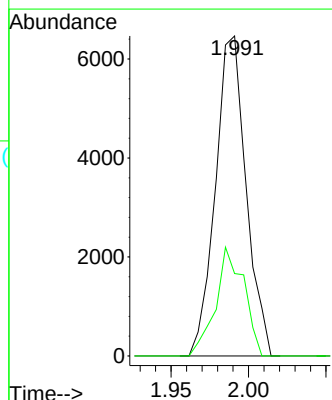
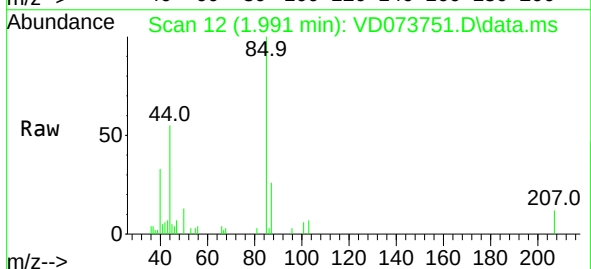
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

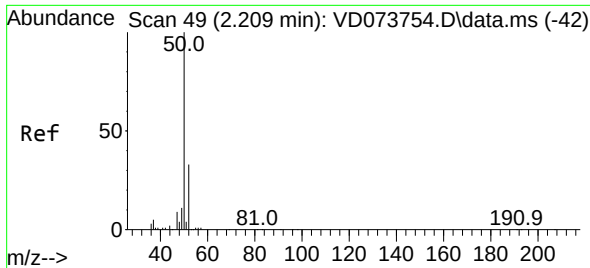
Tgt Ion:168 Resp: 238211
Ion Ratio Lower Upper
168 100
99 64.8 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 6.057 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 85 Resp: 8900
Ion Ratio Lower Upper
85 100
87 25.8 15.2 45.5

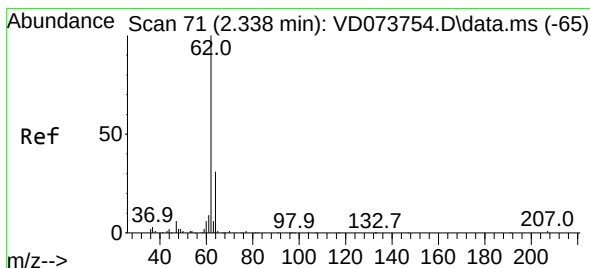
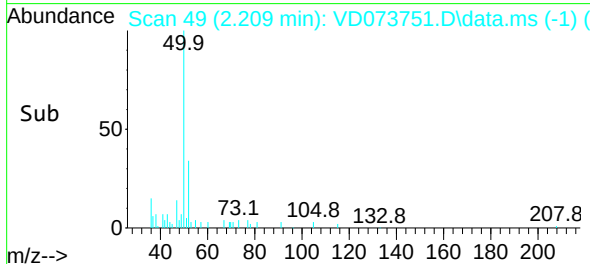
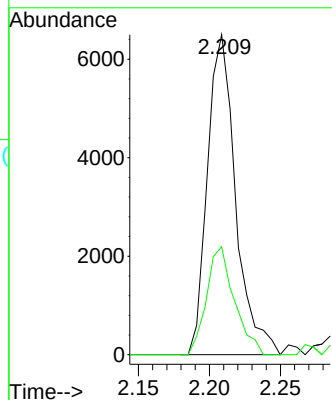
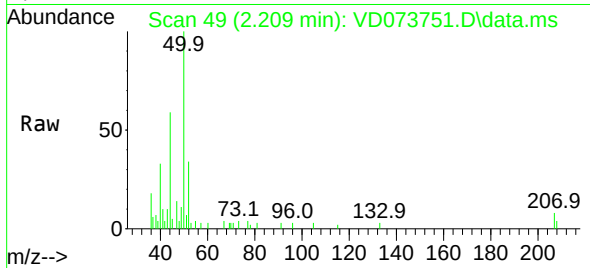




#3
Chloromethane
Concen: 5.440 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

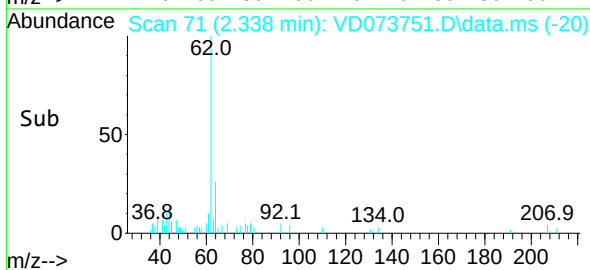
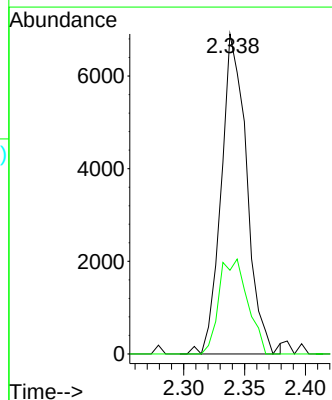
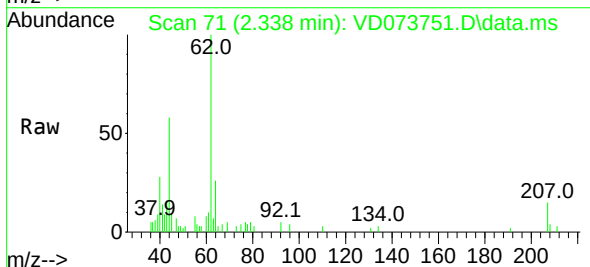
Instrument :
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ClientSampleId :
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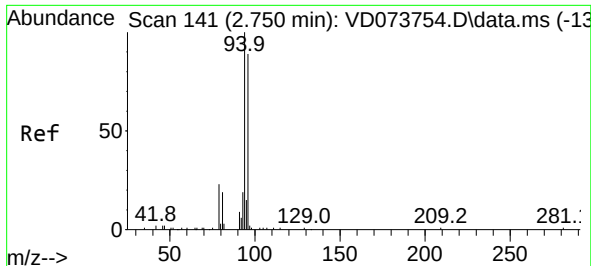
Tgt Ion: 50 Resp: 8969
Ion Ratio Lower Upper
50 100
52 33.7 27.8 41.6



#4
Vinyl Chloride
Concen: 5.397 ug/l
RT: 2.338 min Scan# 71
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 62 Resp: 10056
Ion Ratio Lower Upper
62 100
64 26.2 27.8 41.6#

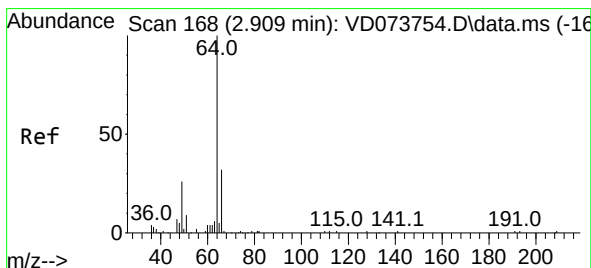
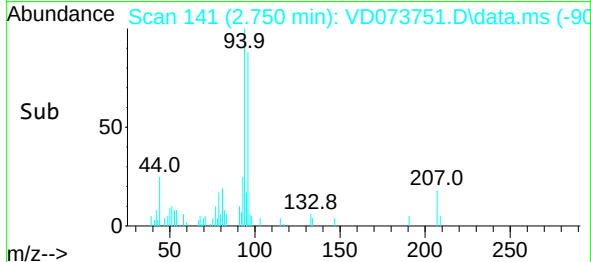
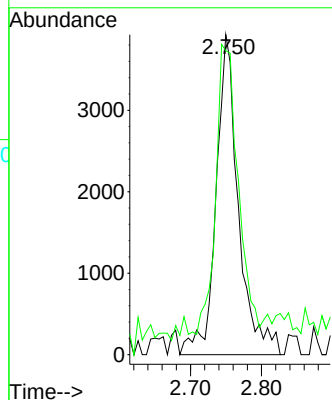
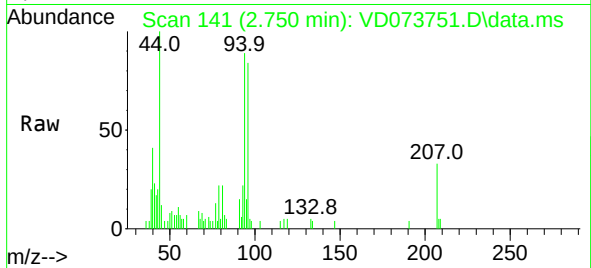




#5
Bromomethane
Concen: 6.602 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

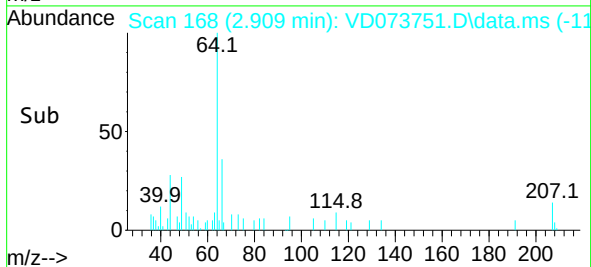
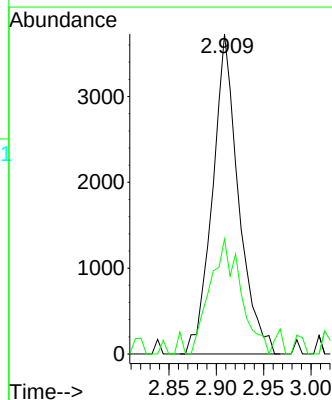
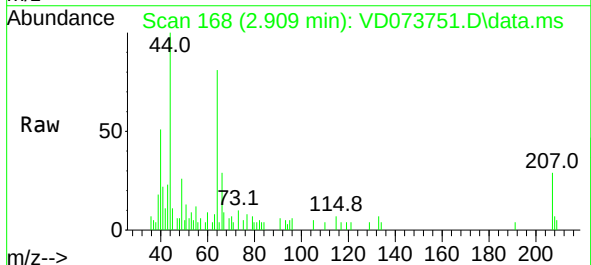
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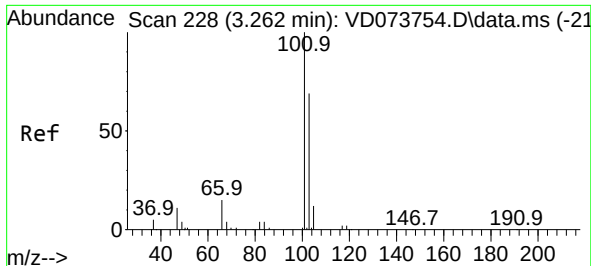
Tgt Ion: 94 Resp: 8592
Ion Ratio Lower Upper
94 100
96 89.0 75.1 112.7



#6
Chloroethane
Concen: 5.256 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 64 Resp: 7118
Ion Ratio Lower Upper
64 100
66 29.1 23.3 34.9

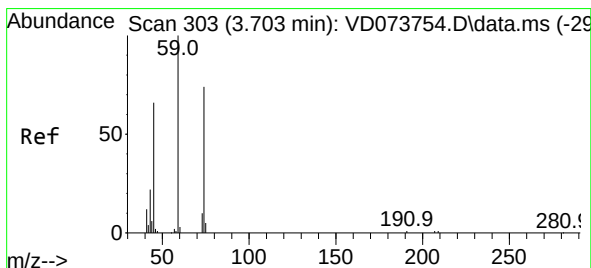
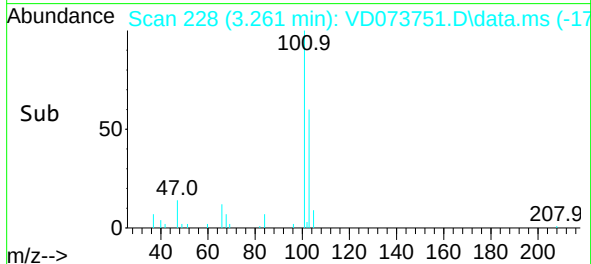
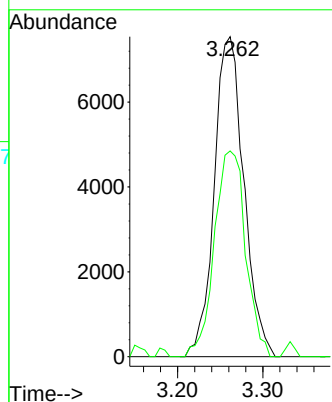
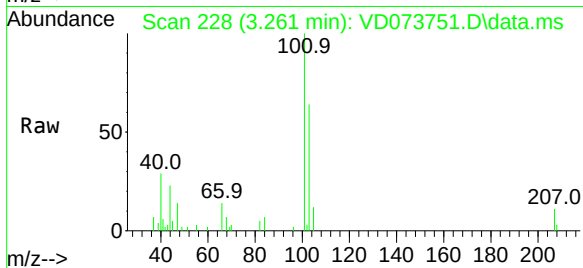




#7
 Trichlorofluoromethane
 Concen: 5.353 ug/l
 RT: 3.261 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD073751.D
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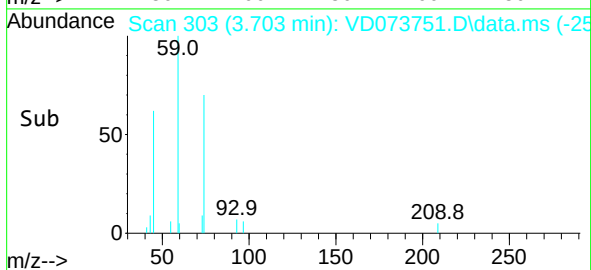
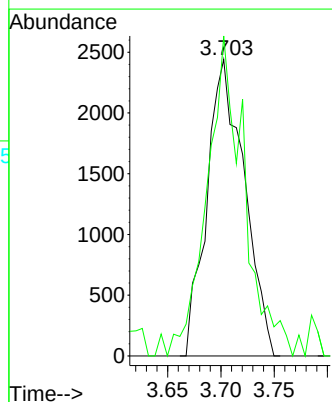
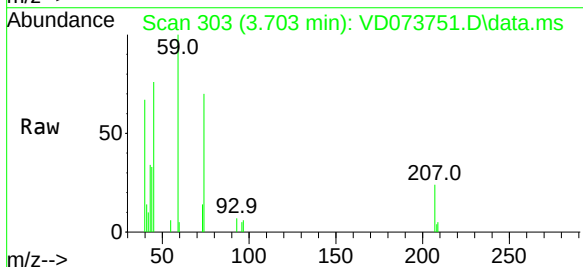
Instrument :
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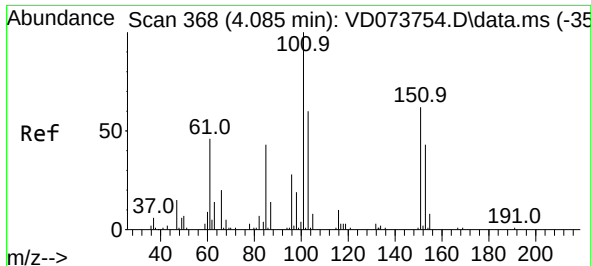
Tgt Ion:101 Resp: 18211
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.4 75.6



#8
 Diethyl Ether
 Concen: 5.248 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. -0.000 min
 Lab File: VD073751.D
 Acq: 30 Jun 2022 15:59

Tgt Ion: 74 Resp: 5971
 Ion Ratio Lower Upper
 74 100
 45 108.4 45.0 134.8

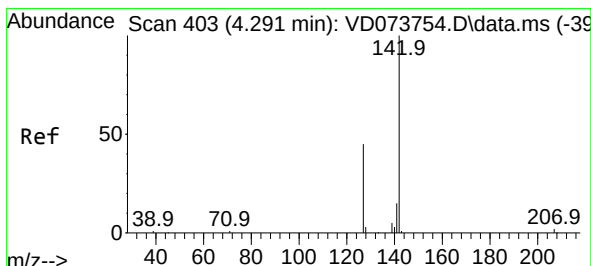
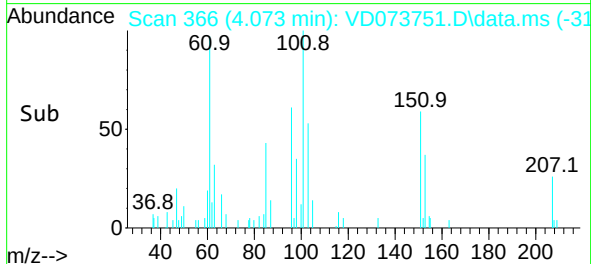
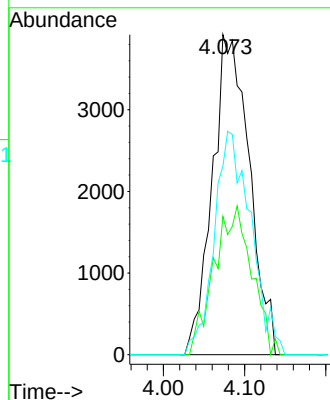
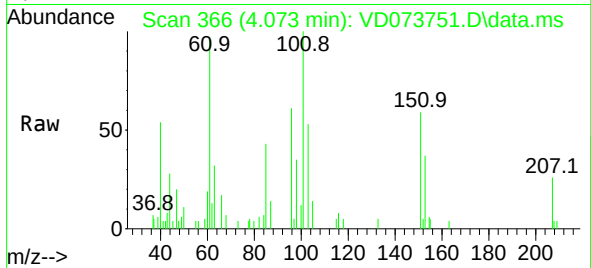




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.495 ug/l
RT: 4.073 min Scan# 301
Delta R.T. -0.012 min
Lab File: VD073751.D
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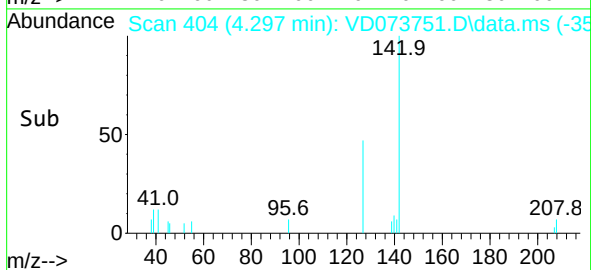
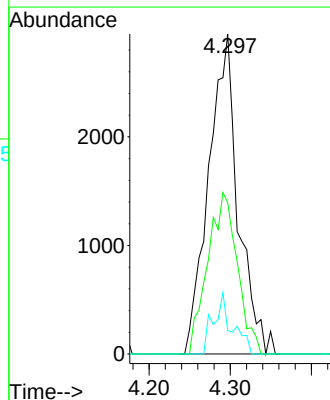
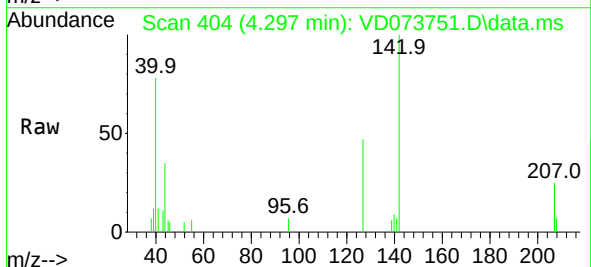
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

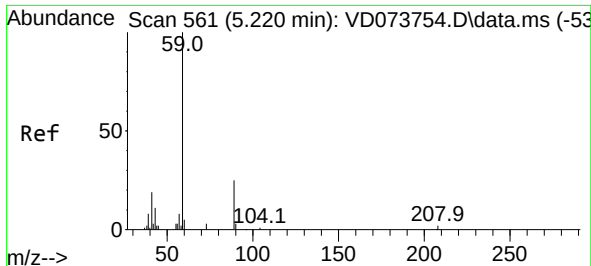
Tgt Ion:101 Resp: 12396
Ion Ratio Lower Upper
101 100
85 47.4 34.8 52.2
151 69.1 63.4 95.0



#10
Methyl Iodide
Concen: 4.644 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion:142 Resp: 7442
Ion Ratio Lower Upper
142 100
127 50.8 39.4 59.2
141 12.0 11.9 17.9

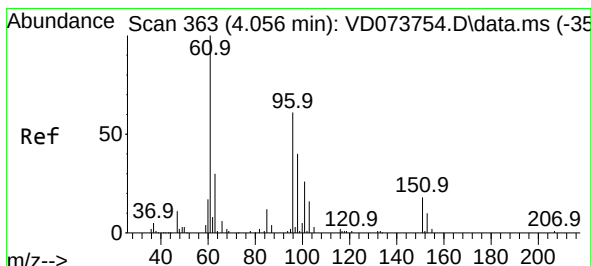
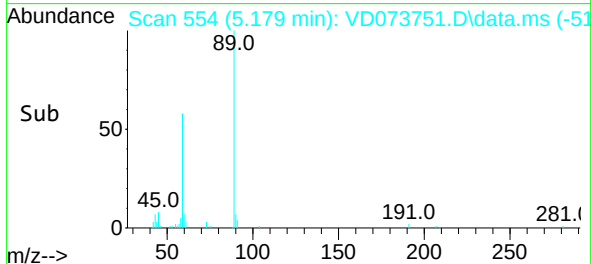
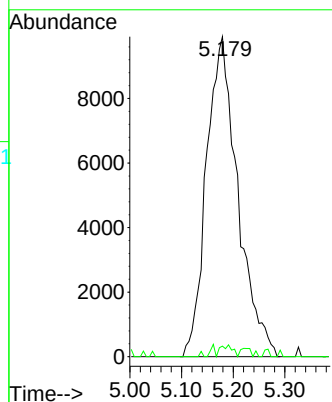
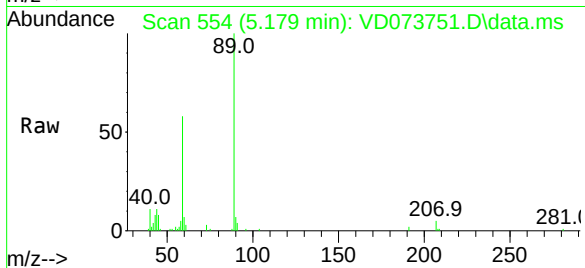




#11
Tert butyl alcohol
Concen: 72.927 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.041 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

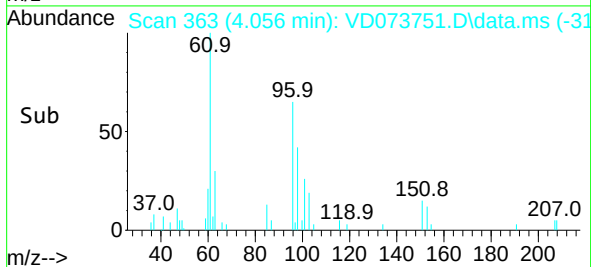
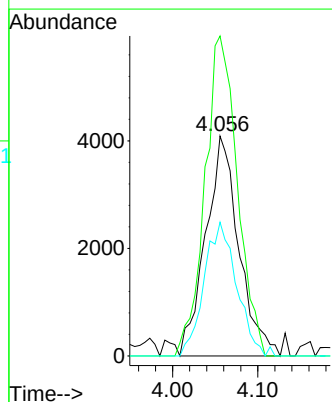
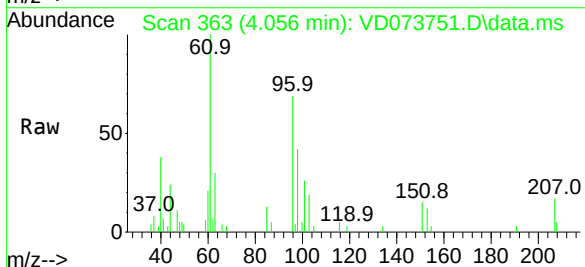
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

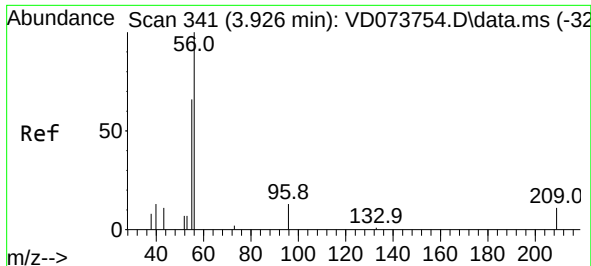
Tgt Ion: 59 Resp: 41743
Ion Ratio Lower Upper
59 100
57 1.4 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 5.730 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 96 Resp: 11079
Ion Ratio Lower Upper
96 100
61 145.5 116.3 174.5
98 60.8 48.7 73.1





#13

Acrolein

Concen: 11.691 ug/l

RT: 3.920 min Scan# 341

Delta R.T. -0.006 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

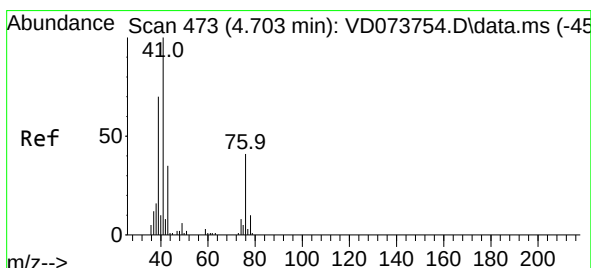
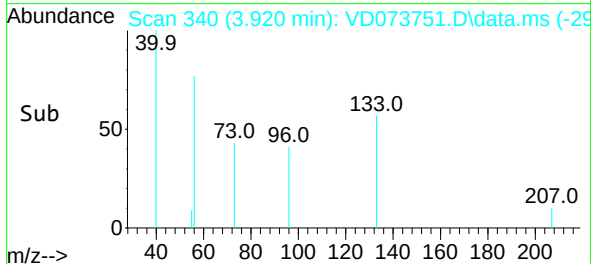
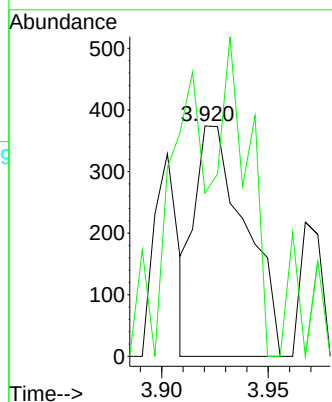
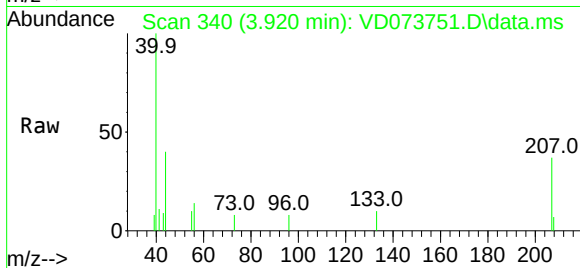
VSTDICC005

Tgt Ion: 56 Resp: 624

Ion Ratio Lower Upper

56 100

55 79.0 60.3 90.5



#14

Allyl chloride

Concen: 5.206 ug/l

RT: 4.708 min Scan# 474

Delta R.T. 0.006 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

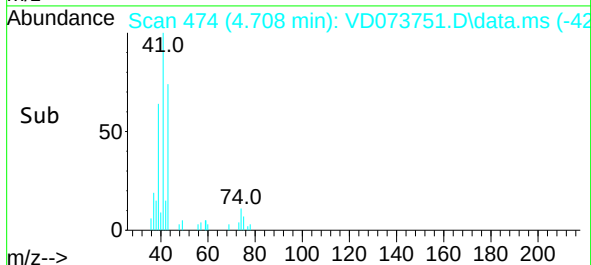
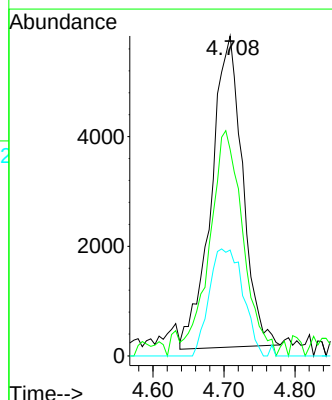
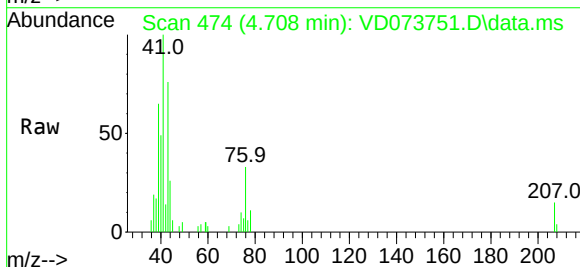
Tgt Ion: 41 Resp: 17359

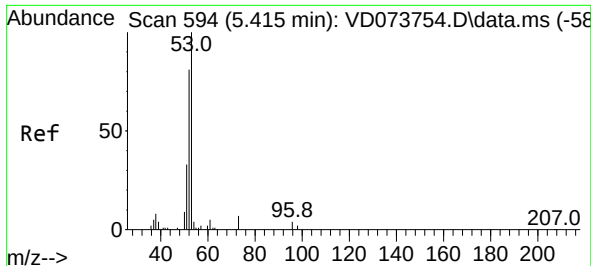
Ion Ratio Lower Upper

41 100

39 77.1 56.6 85.0

76 37.2 32.7 49.1

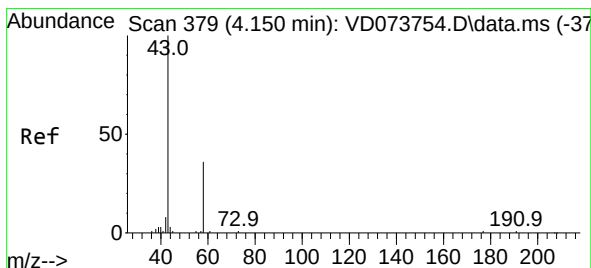
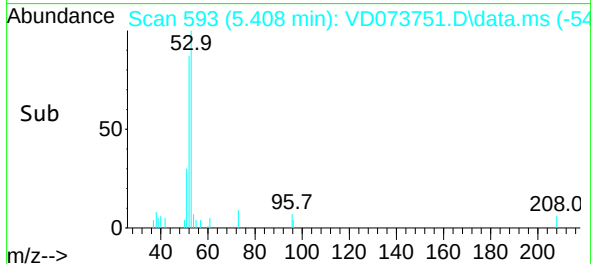
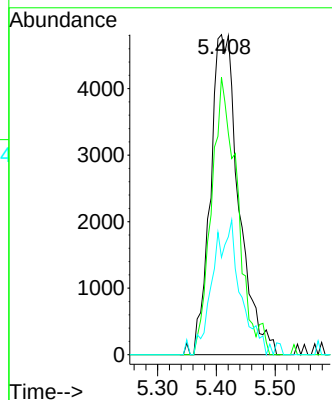
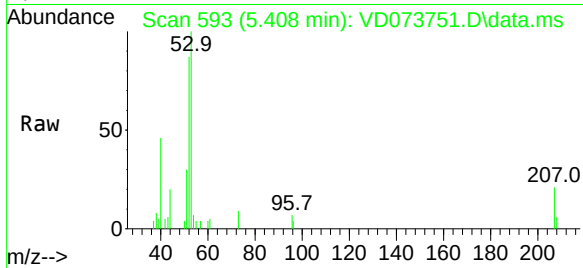




#15
Acrylonitrile
Concen: 26.140 ug/l
RT: 5.408 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

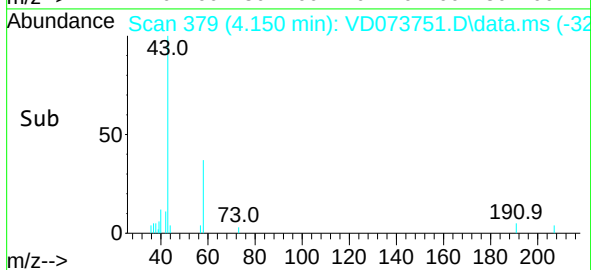
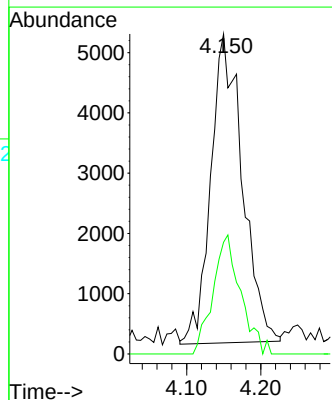
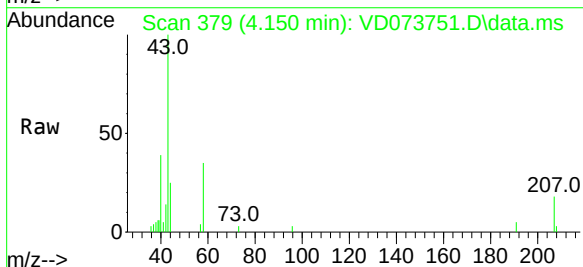
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

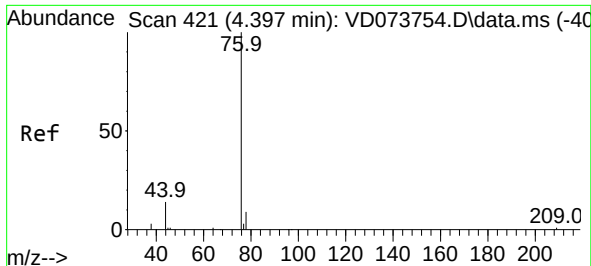
Tgt Ion: 53 Resp: 16196
Ion Ratio Lower Upper
53 100
52 76.6 66.2 99.2
51 40.2 30.2 45.2



#16
Acetone
Concen: 31.339 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 43 Resp: 15152
Ion Ratio Lower Upper
43 100
58 36.4 25.2 37.8

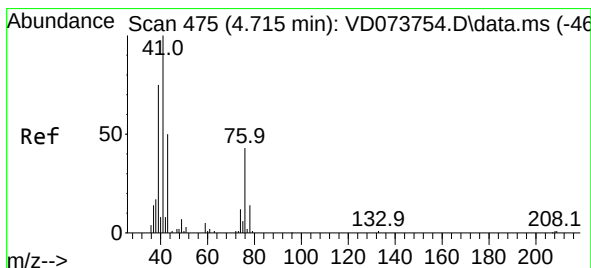
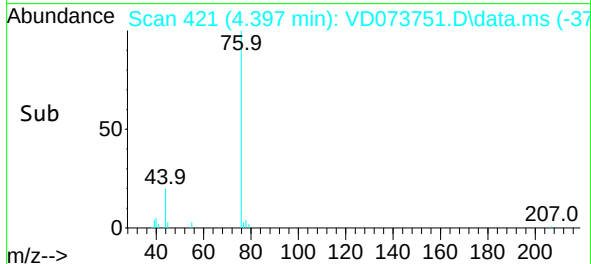
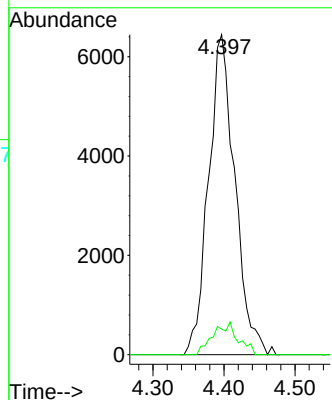
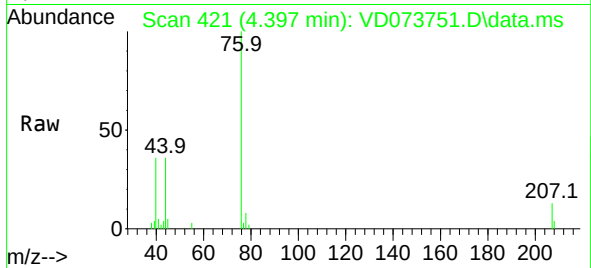




#17
Carbon Disulfide
Concen: 5.430 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

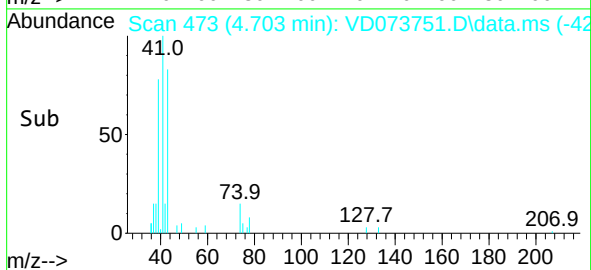
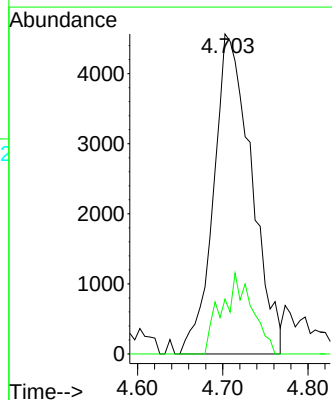
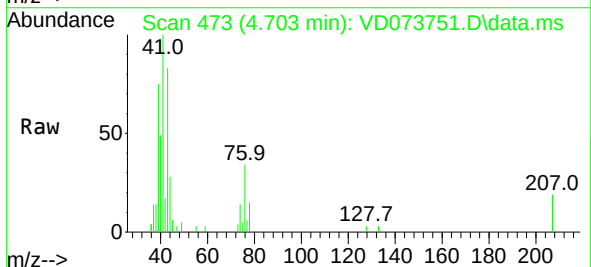
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

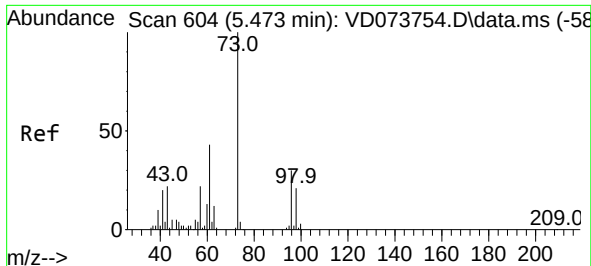
Tgt Ion: 76 Resp: 16642
Ion Ratio Lower Upper
76 100
78 8.0 7.7 11.5



#18
Methyl Acetate
Concen: 7.504 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.012 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 43 Resp: 14064
Ion Ratio Lower Upper
43 100
74 20.4 20.2 30.4

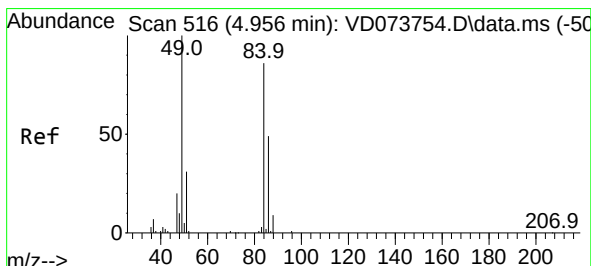
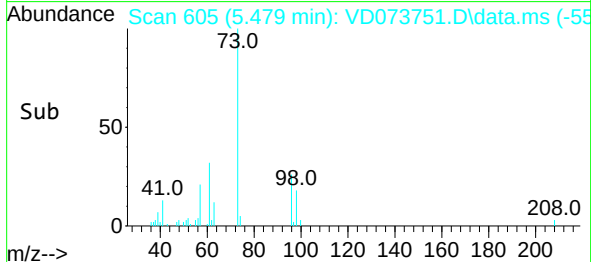
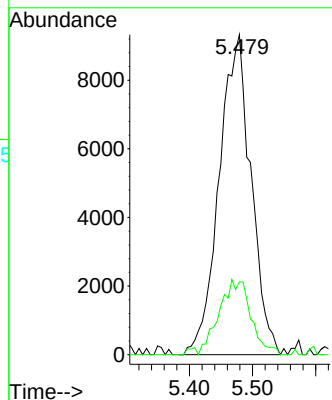
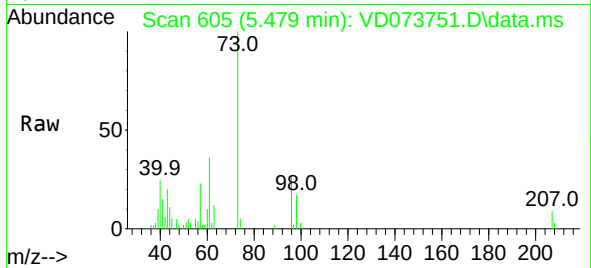




#19
Methyl tert-butyl Ether
Concen: 5.200 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

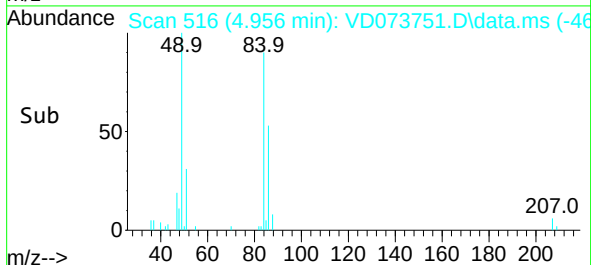
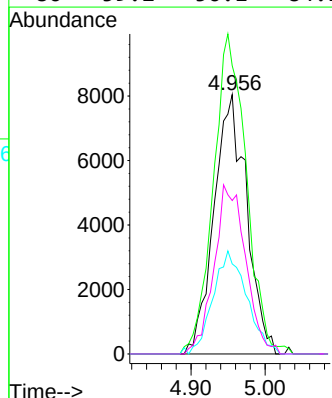
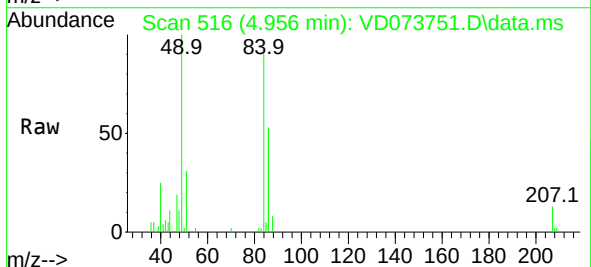
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

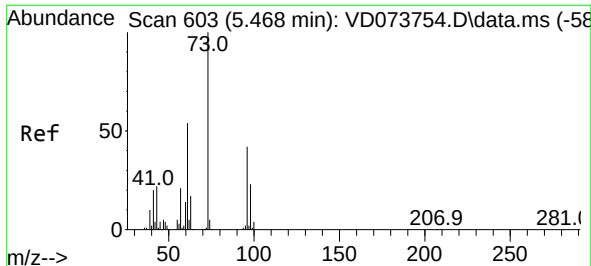
Tgt Ion: 73 Resp: 32677
Ion Ratio Lower Upper
73 100
57 22.7 16.3 24.5



#20
Methylene Chloride
Concen: 7.829 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 84 Resp: 24585
Ion Ratio Lower Upper
84 100
49 111.2 100.6 150.8
51 34.7 29.8 44.6
86 59.2 56.1 84.1

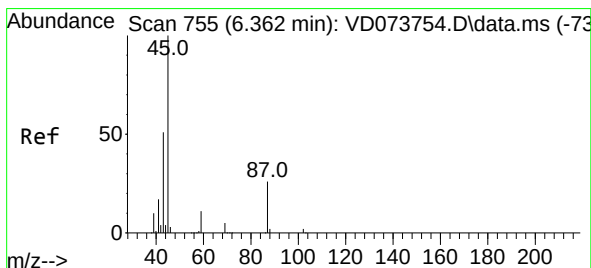
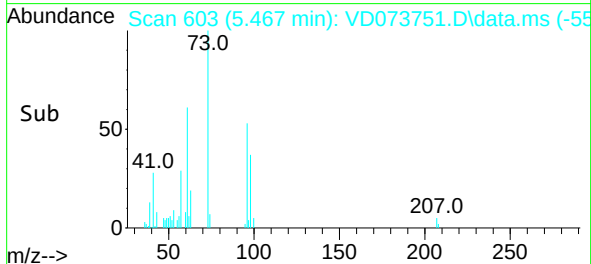
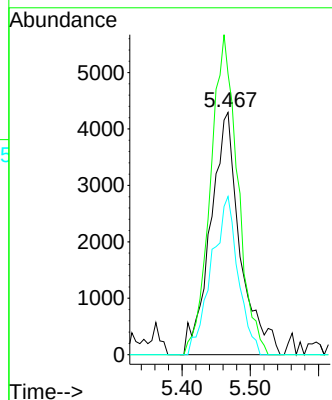
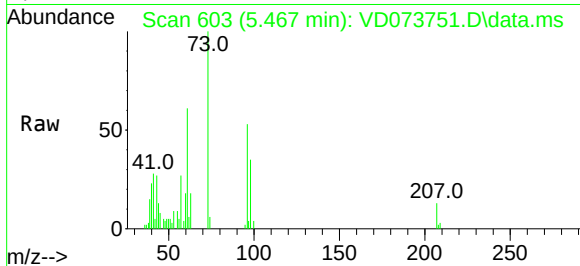




#21
trans-1,2-Dichloroethene
Concen: 5.921 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

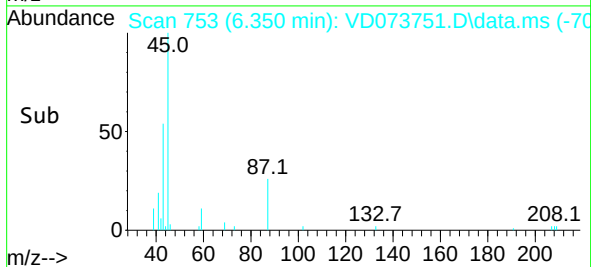
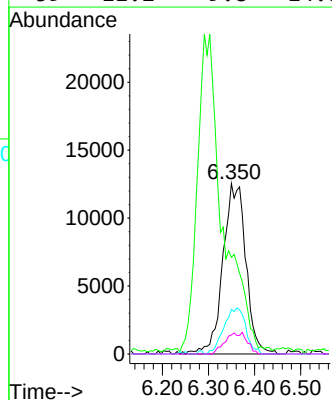
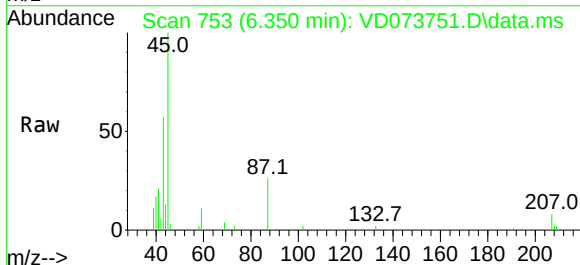
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

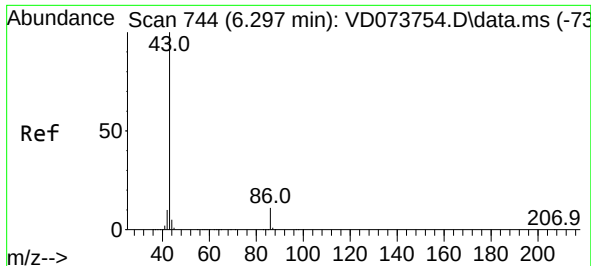
Tgt Ion: 96 Resp: 12967
Ion Ratio Lower Upper
96 100
61 115.9 105.0 157.6
98 65.3 50.6 75.8



#22
Diisopropyl ether
Concen: 5.158 ug/l
RT: 6.350 min Scan# 753
Delta R.T. -0.012 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 45 Resp: 43309
Ion Ratio Lower Upper
45 100
43 55.3 42.1 63.1
87 26.2 24.2 36.4
59 11.2 9.8 14.8

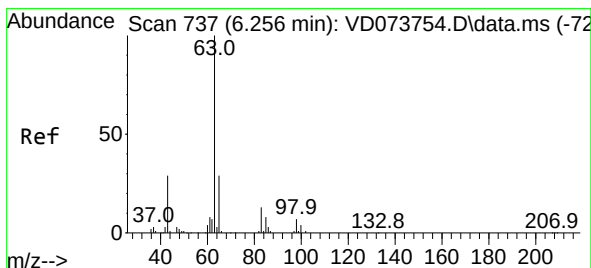
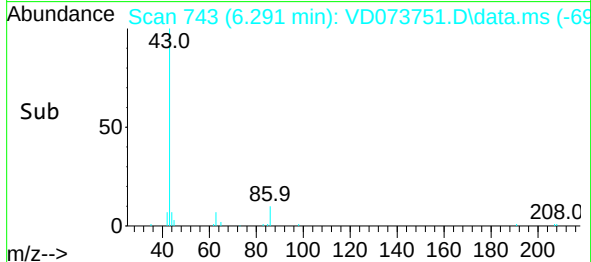
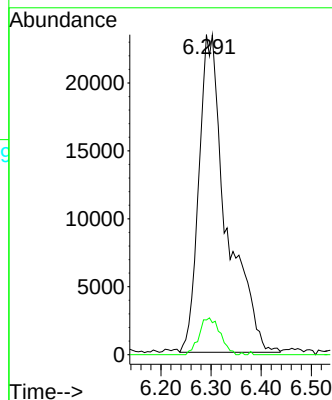
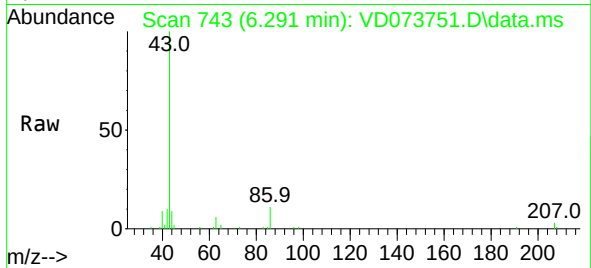




#23
 Vinyl Acetate
 Concen: 21.132 ug/l
 RT: 6.291 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD073751.D
 Acq: 30 Jun 2022 15:59

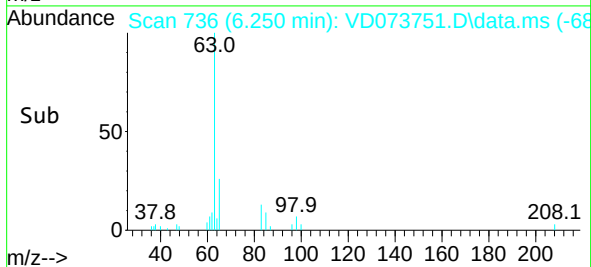
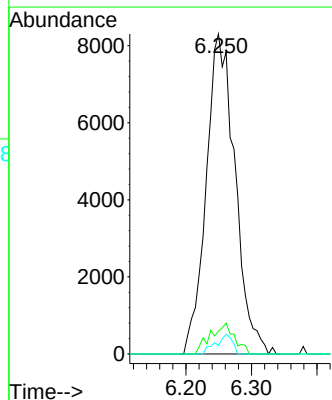
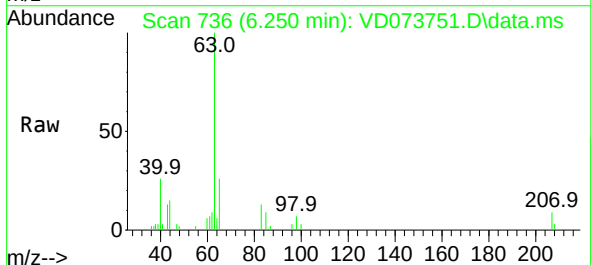
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

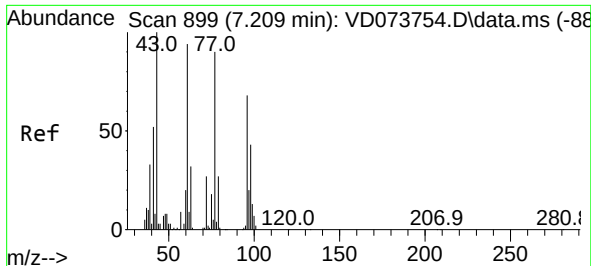
Tgt Ion: 43 Resp: 89757
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 5.419 ug/l
 RT: 6.250 min Scan# 736
 Delta R.T. -0.006 min
 Lab File: VD073751.D
 Acq: 30 Jun 2022 15:59

Tgt Ion: 63 Resp: 25434
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 12.2
 100 2.6 2.1 6.5





#25

2-Butanone

Concen: 28.200 ug/l

RT: 7.202 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

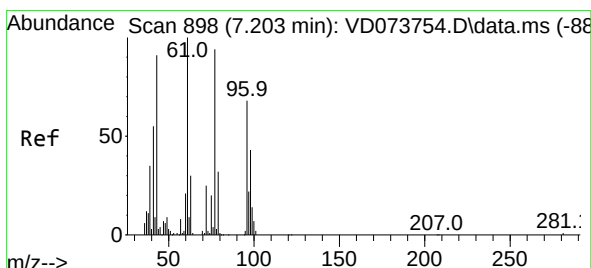
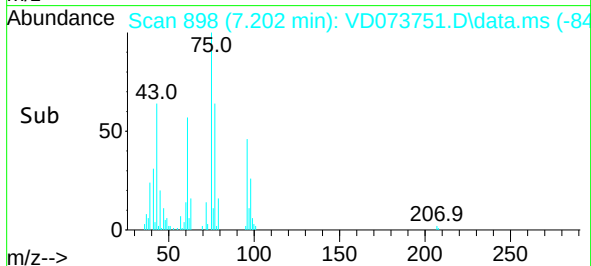
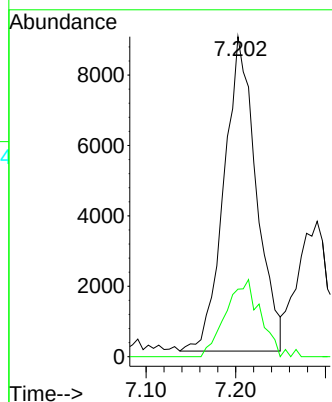
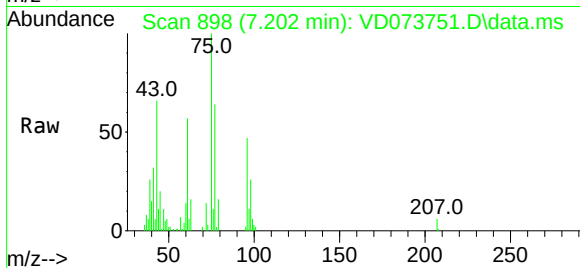
VSTDICC005

Tgt Ion: 43 Resp: 22391

Ion Ratio Lower Upper

43 100

72 21.5 22.6 33.8#



#26

2,2-Dichloropropane

Concen: 5.557 ug/l

RT: 7.202 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD073751.D

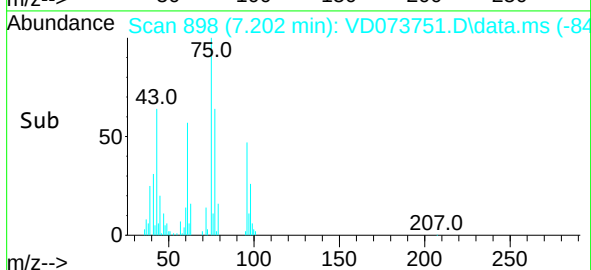
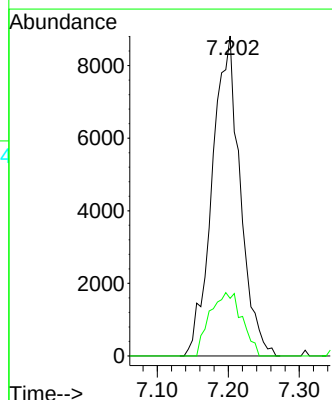
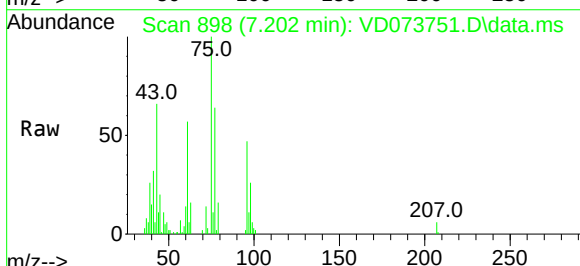
Acq: 30 Jun 2022 15:59

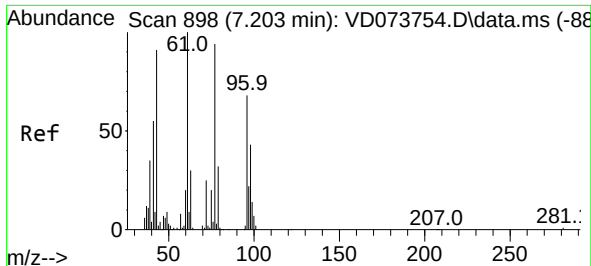
Tgt Ion: 77 Resp: 24100

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 5.406 ug/l

RT: 7.202 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

Instrument :

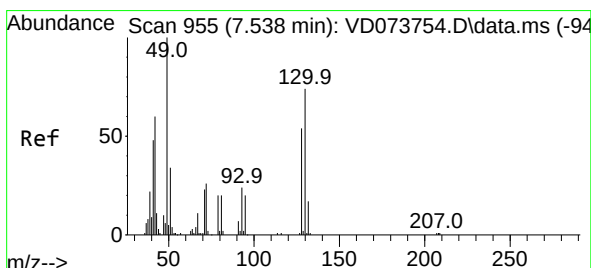
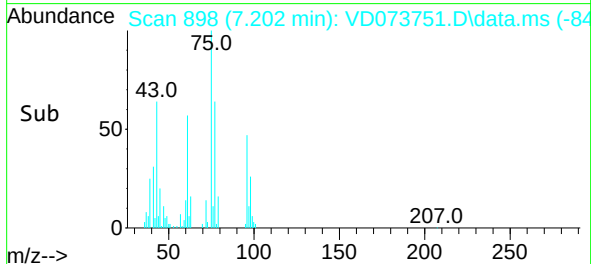
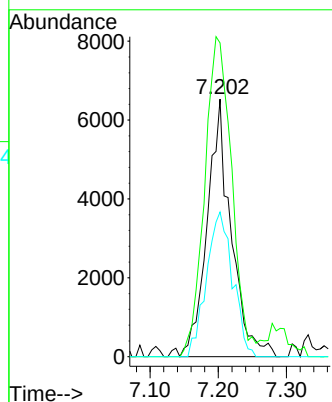
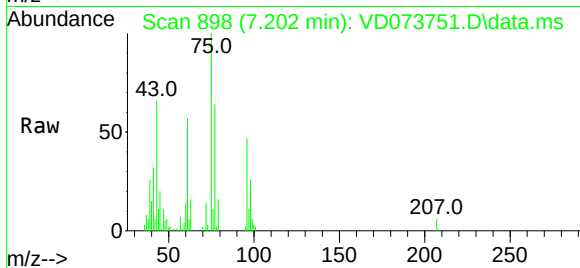
MSVOA_D

ClientSampleId :

VSTDICC005

Tgt Ion: 96 Resp: 15964

Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	276.0
98	61.6	0.0	128.0



#28

Bromochloromethane

Concen: 5.205 ug/l

RT: 7.532 min Scan# 954

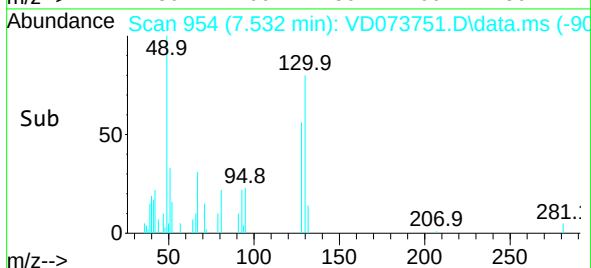
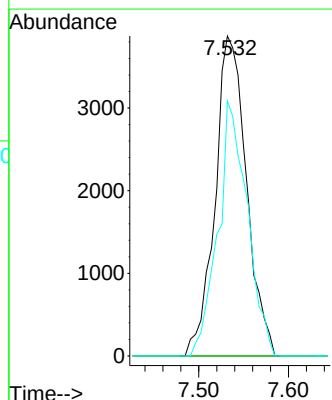
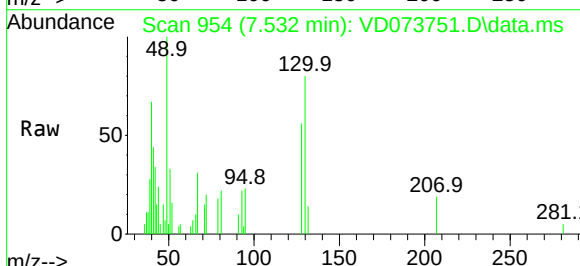
Delta R.T. -0.006 min

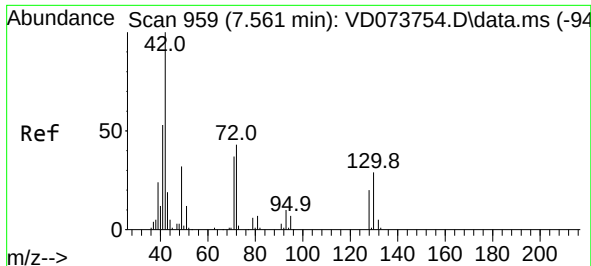
Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

Tgt Ion: 49 Resp: 9392

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	74.7	73.2	109.8





#29

Tetrahydrofuran

Concen: 24.372 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

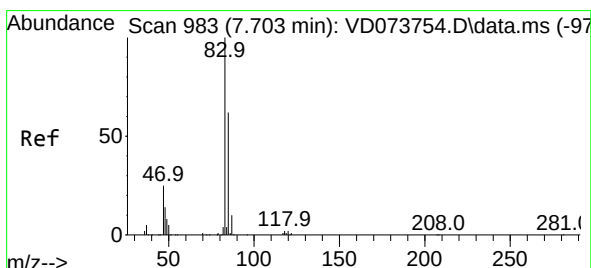
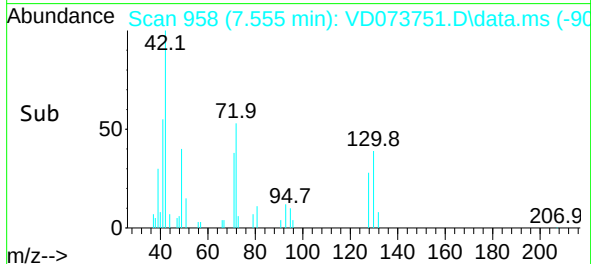
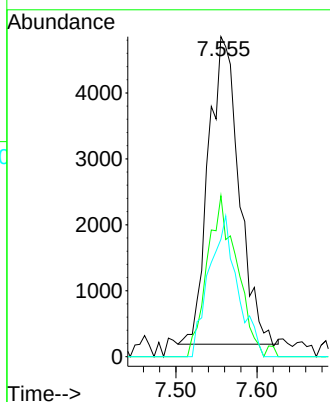
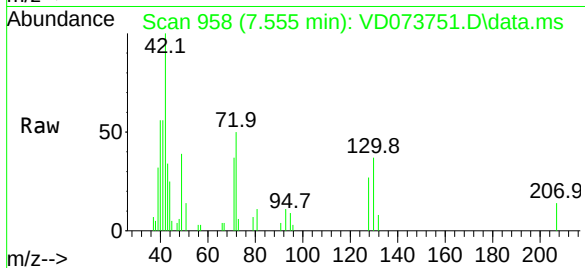
Tgt Ion: 42 Resp: 12232

Ion Ratio Lower Upper

42 100

72 50.4 37.8 56.6

71 42.3 35.5 53.3



#30

Chloroform

Concen: 5.210 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.000 min

Lab File: VD073751.D

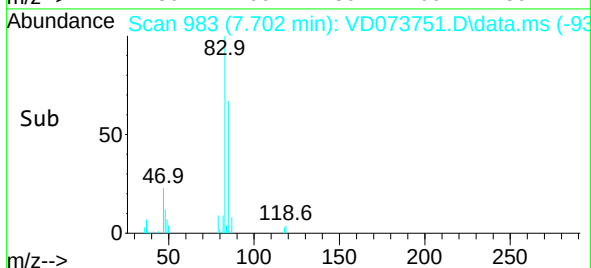
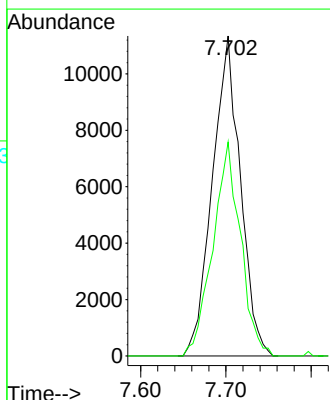
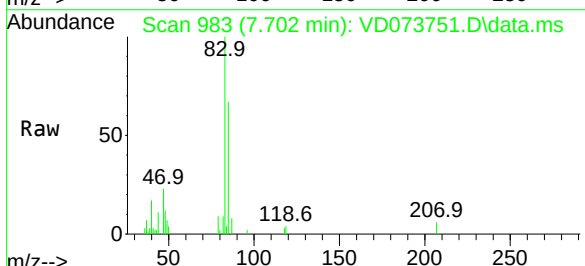
Acq: 30 Jun 2022 15:59

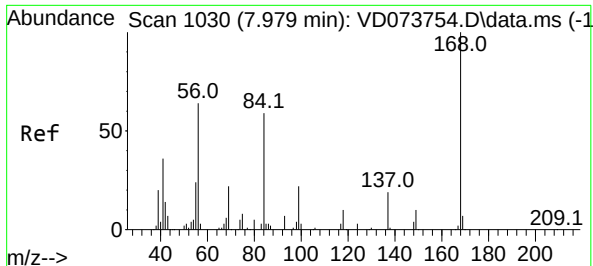
Tgt Ion: 83 Resp: 25922

Ion Ratio Lower Upper

83 100

85 66.9 51.1 76.7

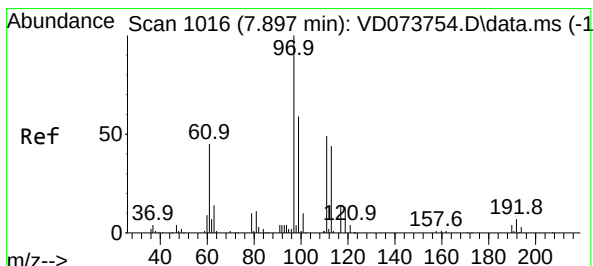
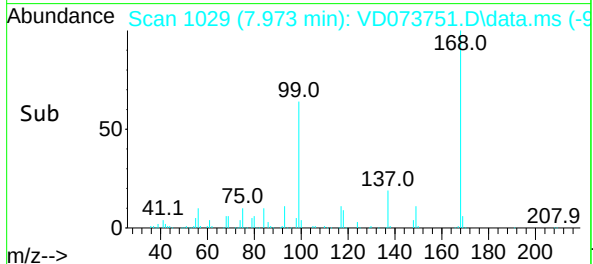
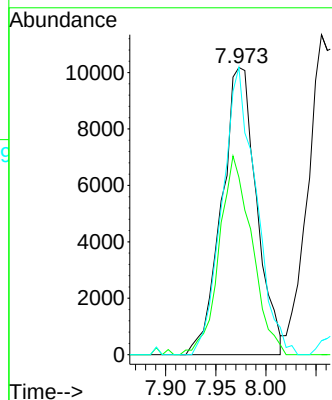
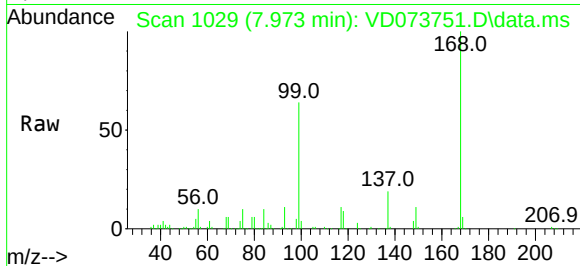




#31
Cyclohexane
Concen: 6.641 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

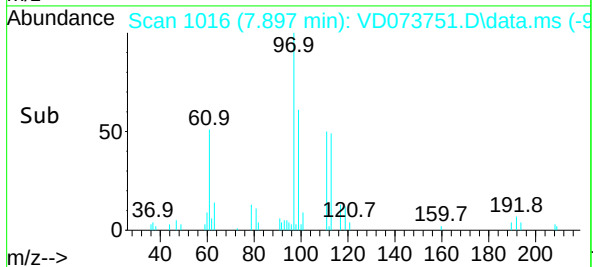
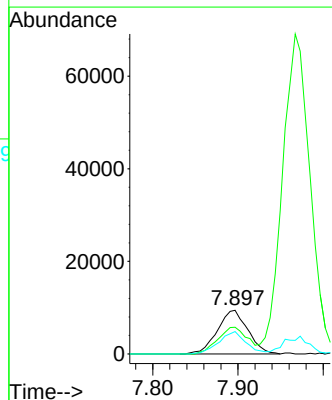
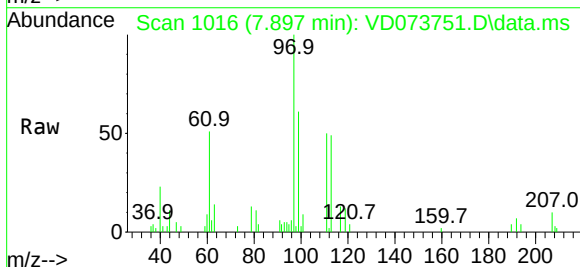
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

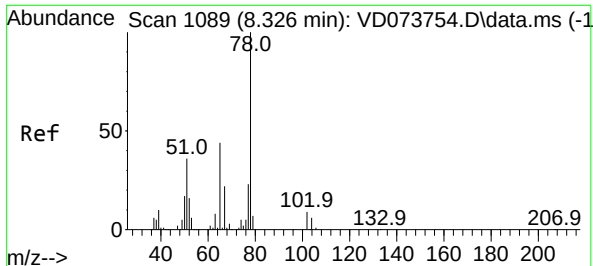
Tgt Ion: 56 Resp: 24631
Ion Ratio Lower Upper
56 100
69 61.7 25.2 37.8#
84 100.1 75.4 113.2



#32
1,1,1-Trichloroethane
Concen: 5.359 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 97 Resp: 23384
Ion Ratio Lower Upper
97 100
99 59.0 51.2 76.8
61 45.7 33.4 50.0





#33

1,2-Dichloroethane-d4

Concen: 5.653 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

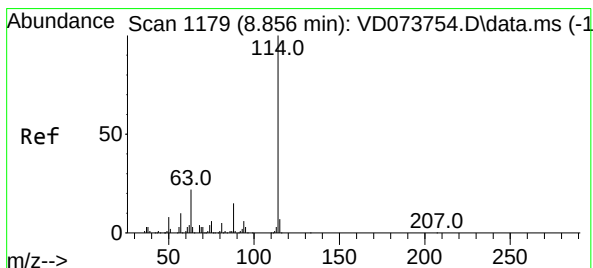
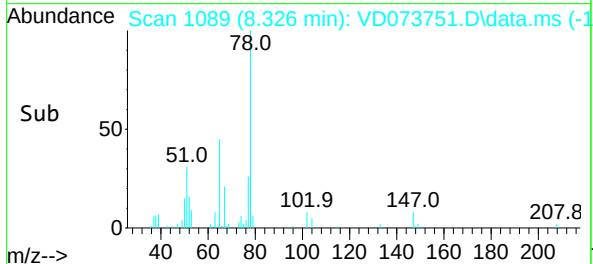
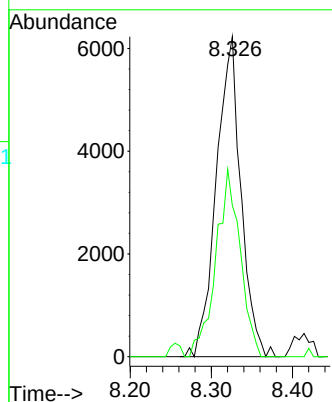
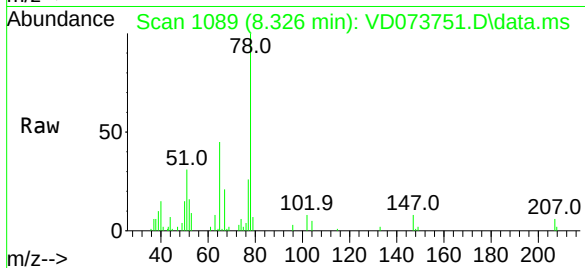
VSTDIC005

Tgt Ion: 65 Resp: 13137

Ion Ratio Lower Upper

65 100

67 57.7 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

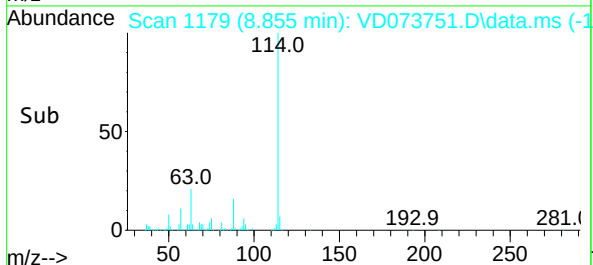
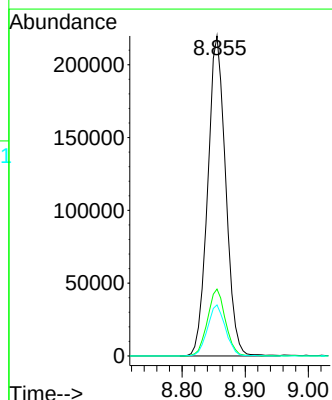
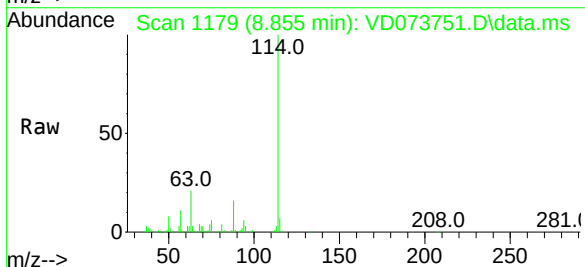
Tgt Ion: 114 Resp: 433983

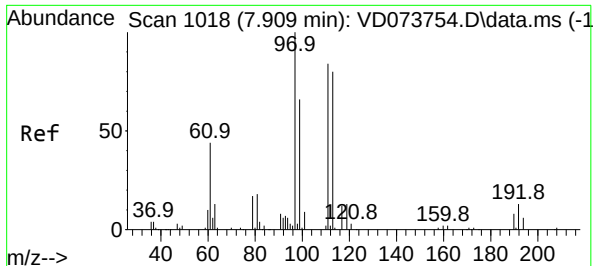
Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.2

88 16.0 0.0 29.4





#35

Dibromofluoromethane

Concen: 5.218 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

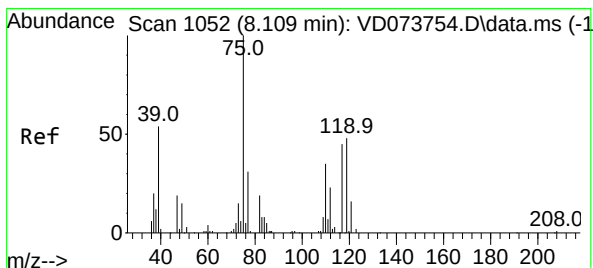
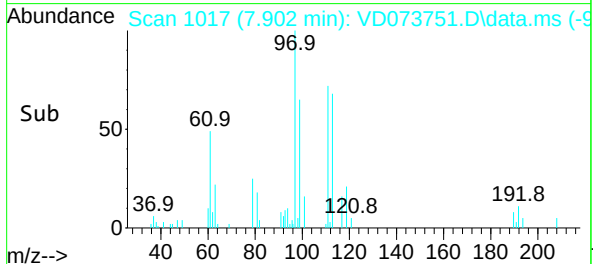
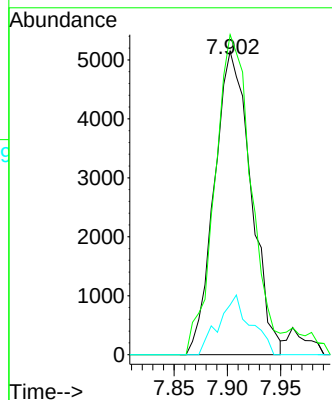
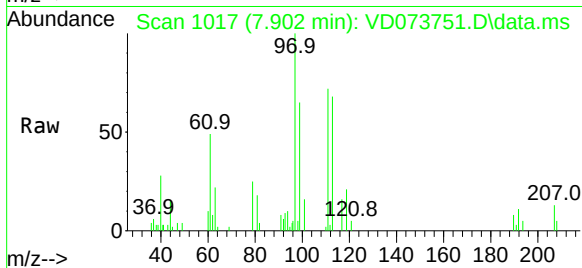
Tgt Ion:113 Resp: 12301

Ion Ratio Lower Upper

113 100

111 104.4 81.8 122.6

192 17.0 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.512 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

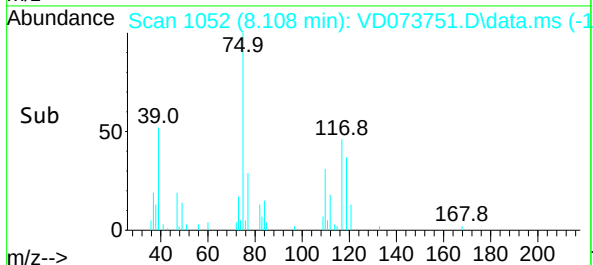
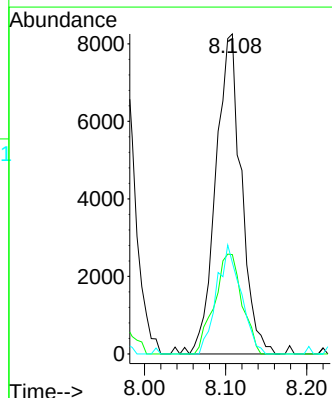
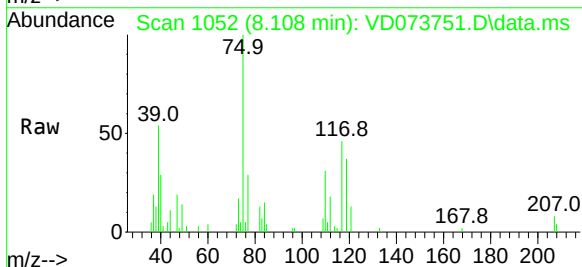
Tgt Ion: 75 Resp: 18043

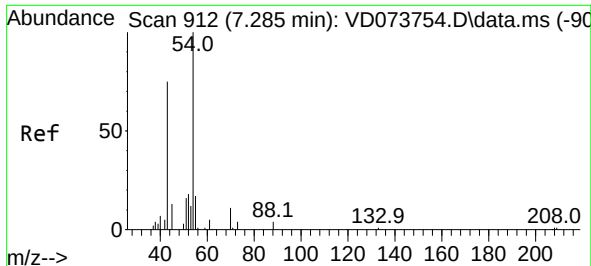
Ion Ratio Lower Upper

75 100

110 33.7 18.0 54.0

77 32.6 25.6 38.4

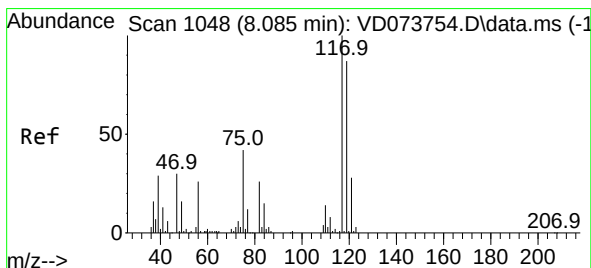
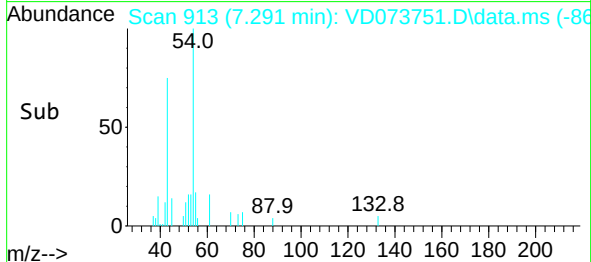
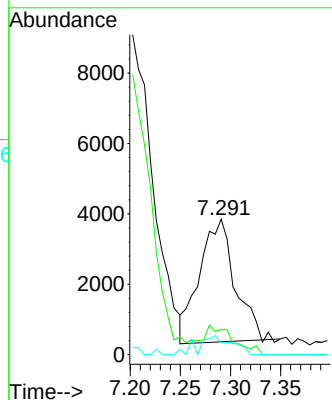
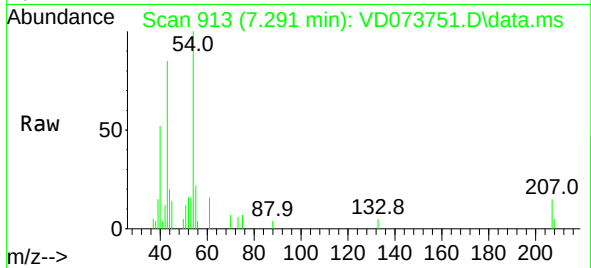




#37
Ethyl Acetate
Concen: 4.997 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

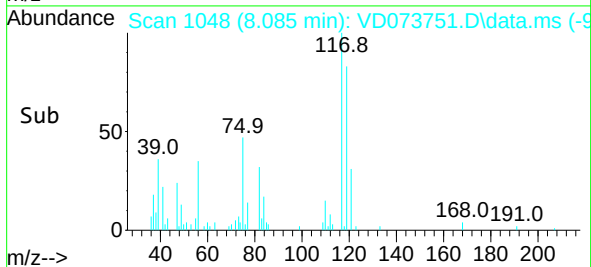
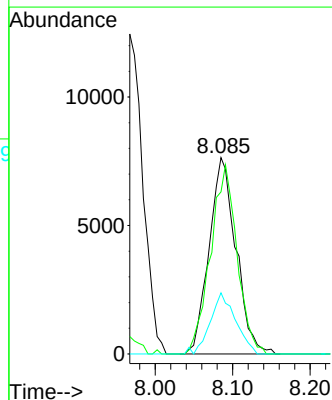
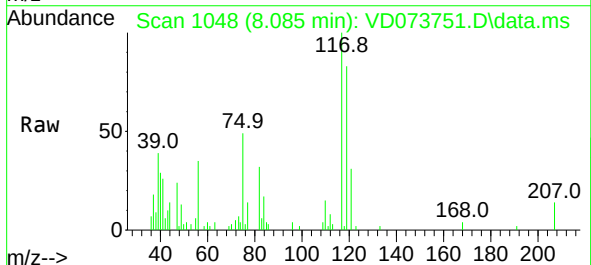
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

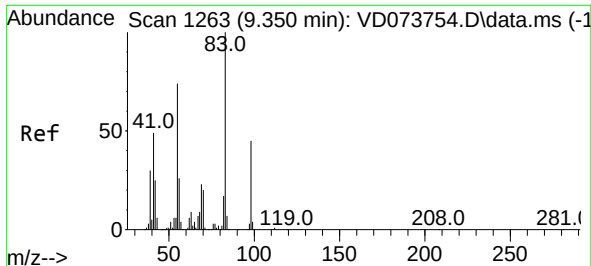
Tgt Ion: 43 Resp: 8623
Ion Ratio Lower Upper
43 100
61 18.8 10.6 16.0#
70 14.4 9.9 14.9



#38
Carbon Tetrachloride
Concen: 5.251 ug/l
RT: 8.085 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 117 Resp: 18455
Ion Ratio Lower Upper
117 100
119 82.6 79.2 118.8
121 31.2 23.8 35.8





#39

Methylcyclohexane

Concen: 5.559 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

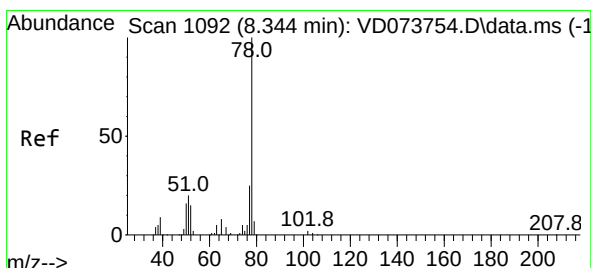
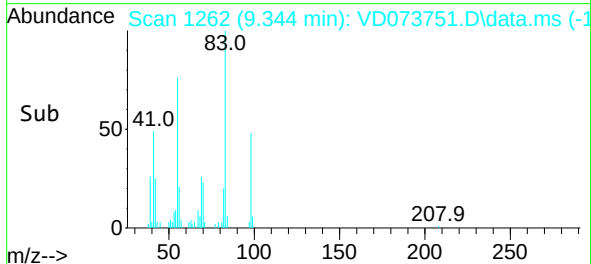
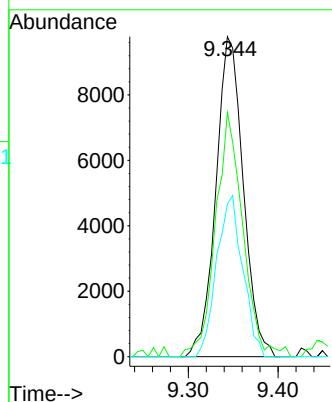
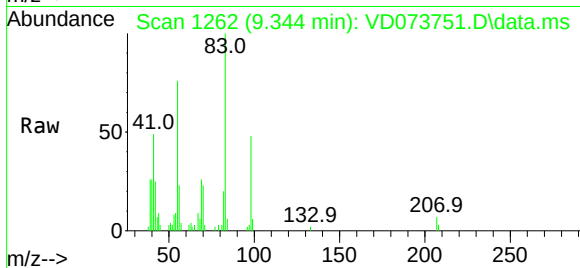
Tgt Ion: 83 Resp: 20726

Ion Ratio Lower Upper

83 100

55 76.3 59.0 88.4

98 47.7 38.3 57.5



#40

Benzene

Concen: 5.322 ug/l

RT: 8.338 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD073751.D

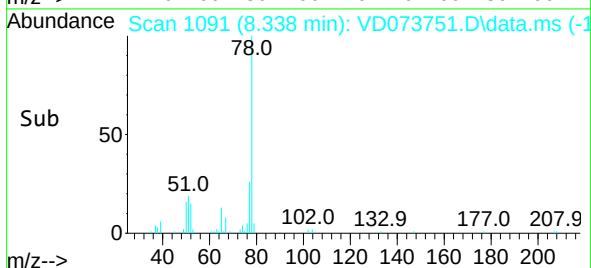
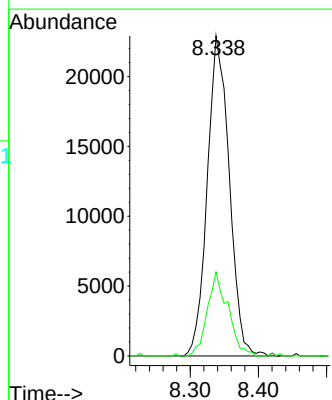
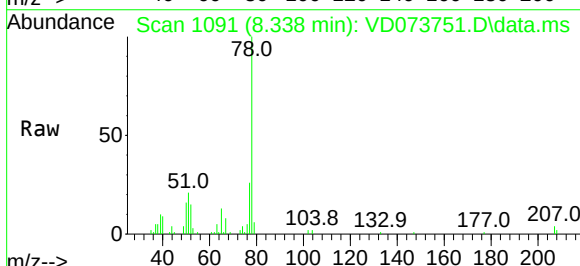
Acq: 30 Jun 2022 15:59

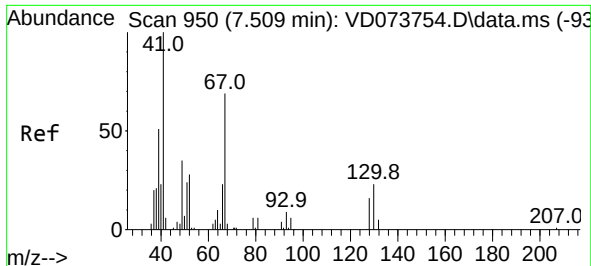
Tgt Ion: 78 Resp: 51456

Ion Ratio Lower Upper

78 100

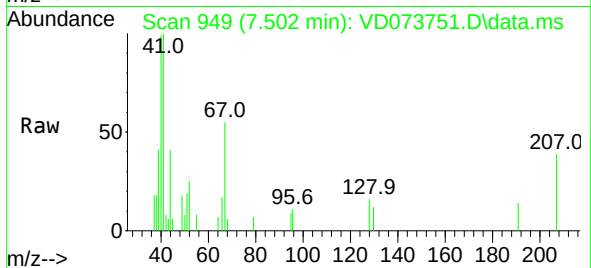
77 26.2 19.0 28.4



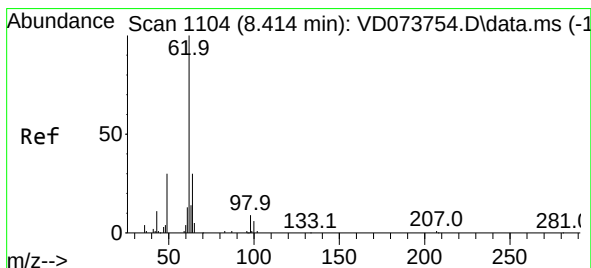
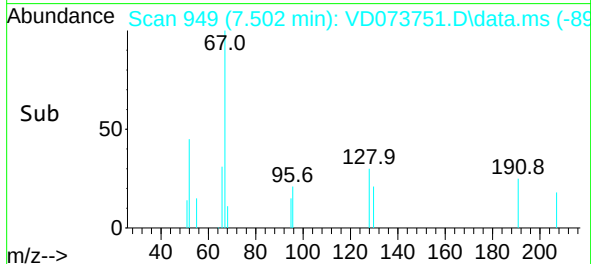
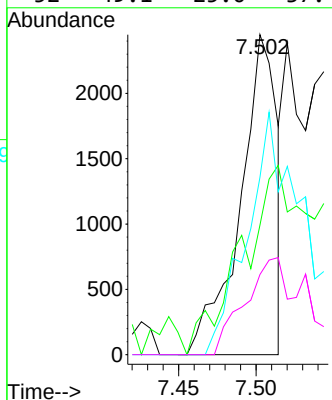


#41
Methacrylonitrile
Concen: 3.869 ug/l
RT: 7.502 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

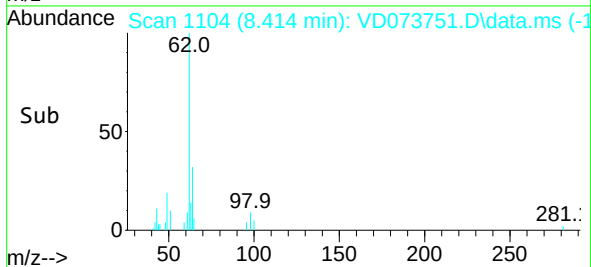
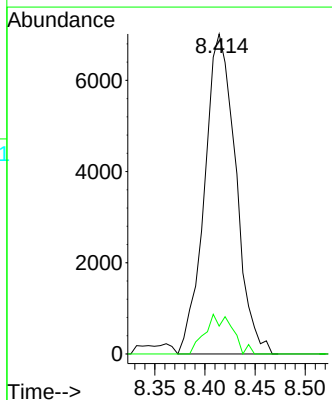
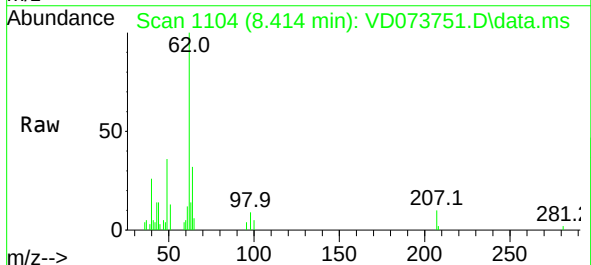


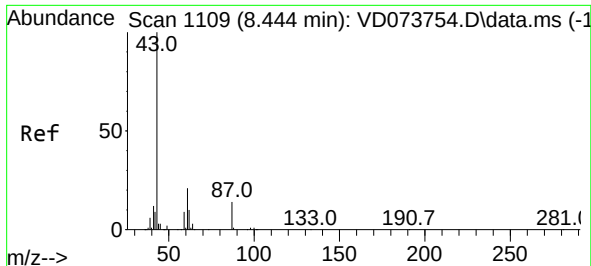
Tgt Ion:	41	Resp:	4058
Ion	Ratio	Lower	Upper
41	100		
39	101.7	42.1	63.1#
67	113.7	58.6	87.8#
52	49.1	25.0	37.4#



#42
1,2-Dichloroethane
Concen: 5.215 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion:	62	Resp:	15197
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.6

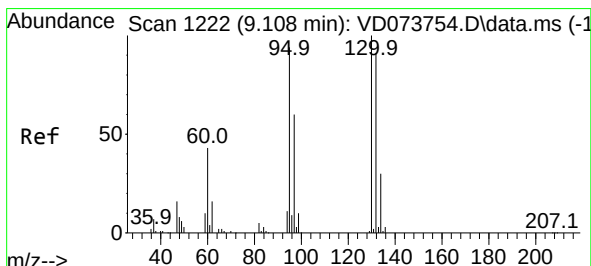
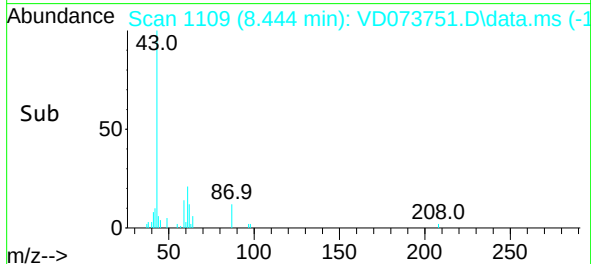
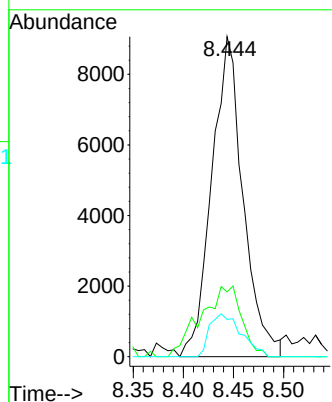
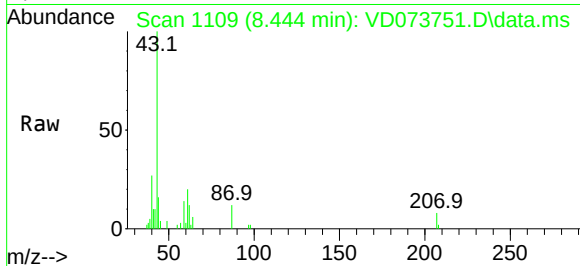




#43
Isopropyl Acetate
Concen: 5.357 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

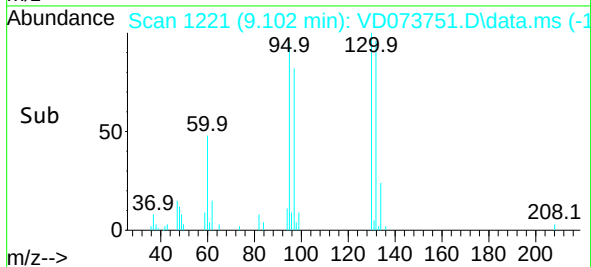
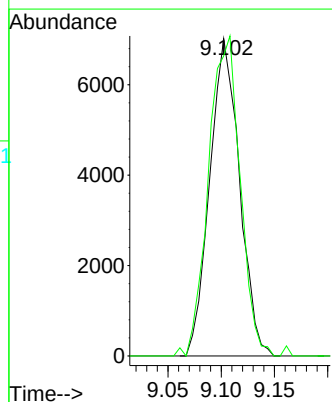
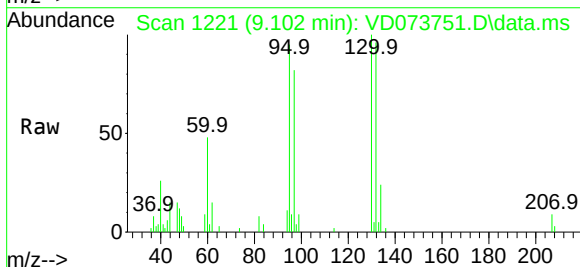
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

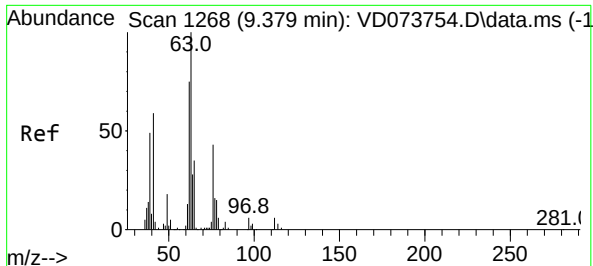
Tgt Ion: 43 Resp: 19709
Ion Ratio Lower Upper
43 100
61 28.7 25.4 38.0
87 13.6 11.9 17.9



#44
Trichloroethene
Concen: 5.307 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 130 Resp: 13632
Ion Ratio Lower Upper
130 100
95 94.6 0.0 202.8





#45

1,2-Dichloropropane

Concen: 5.237 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

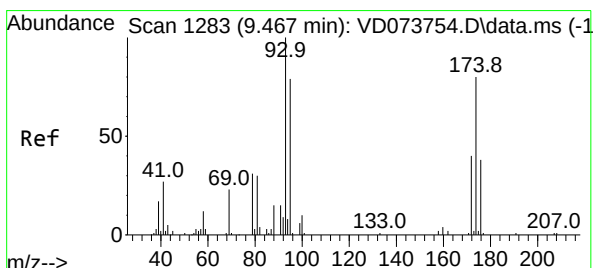
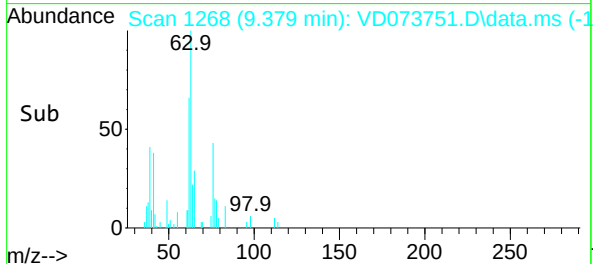
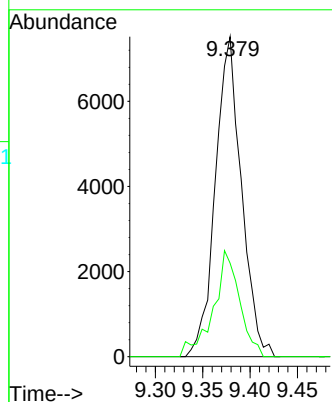
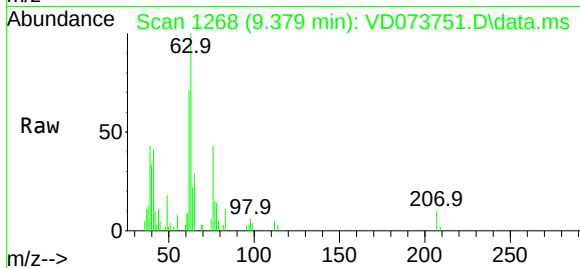
VSTDIC005

Tgt Ion: 63 Resp: 14410

Ion Ratio Lower Upper

63 100

65 29.2 25.5 38.3



#46

Dibromomethane

Concen: 5.167 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

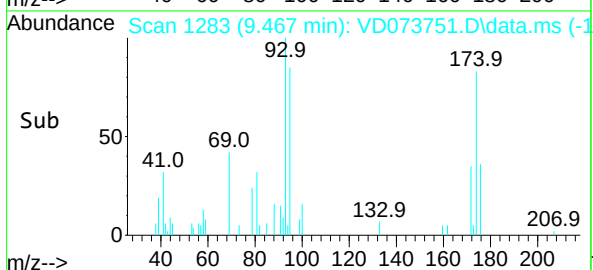
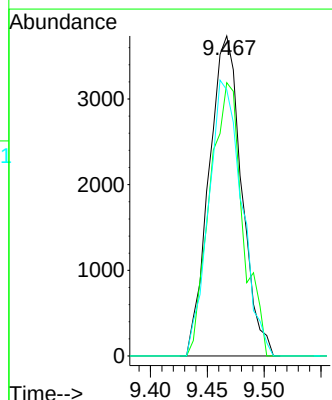
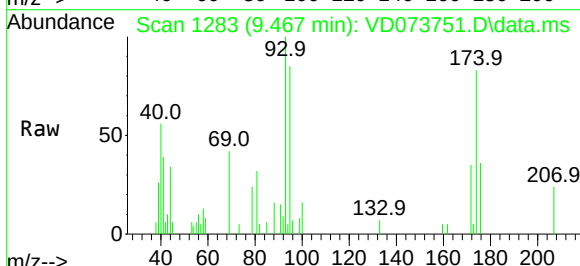
Tgt Ion: 93 Resp: 7461

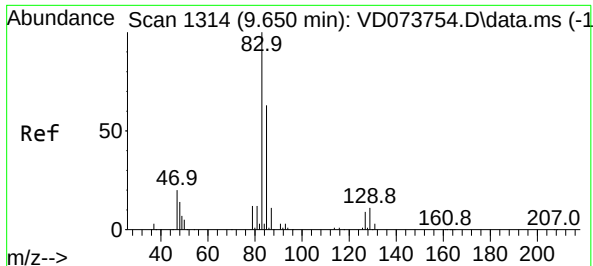
Ion Ratio Lower Upper

93 100

95 85.9 67.8 101.8

174 87.6 82.3 123.5

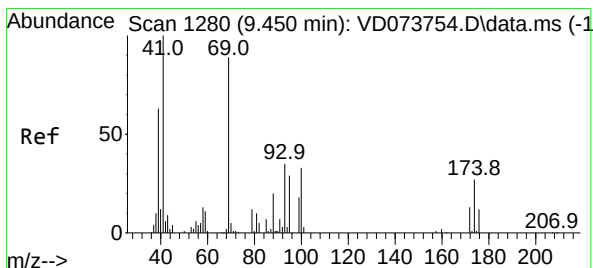
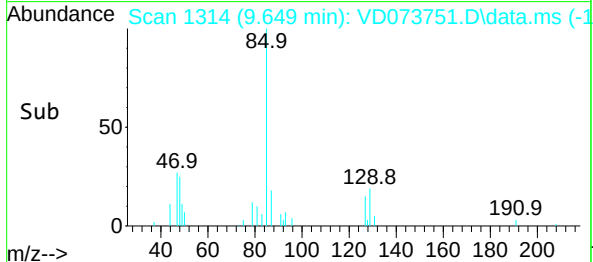
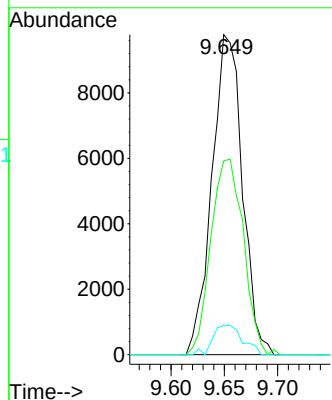
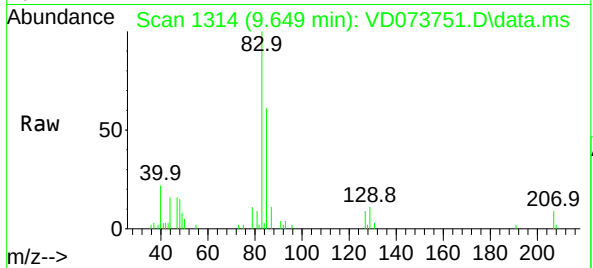




#47
Bromodichloromethane
Concen: 4.970 ug/l
RT: 9.649 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

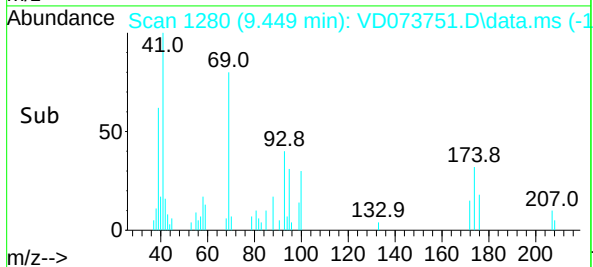
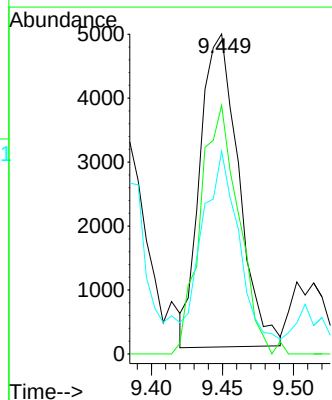
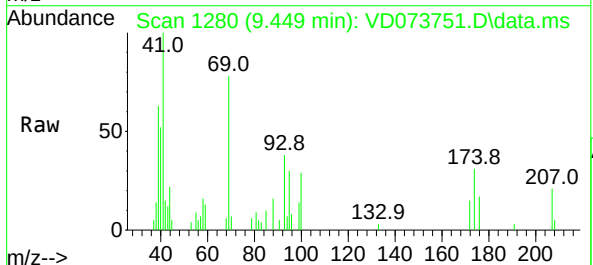
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

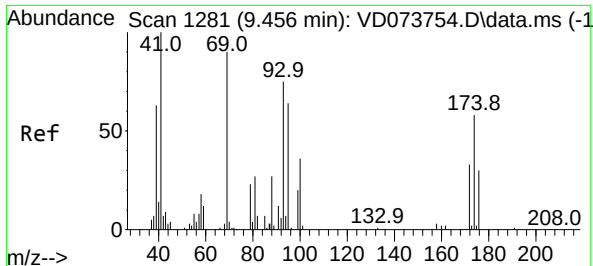
Tgt Ion:	83	Resp:	19413
Ion	Ratio	Lower	Upper
83	100		
85	60.6	54.5	81.7
127	9.1	7.7	11.5



#48
Methyl methacrylate
Concen: 5.582 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion:	41	Resp:	9213
Ion	Ratio	Lower	Upper
41	100		
69	79.3	69.6	104.4
39	64.6	45.5	68.3





#49

1,4-Dioxane

Concen: 90.896 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

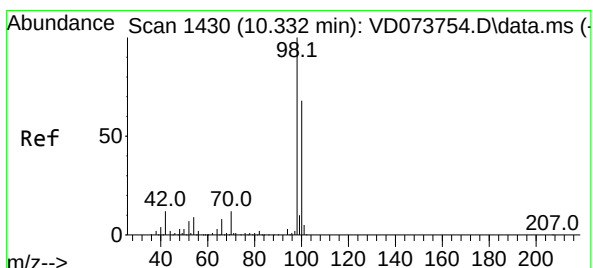
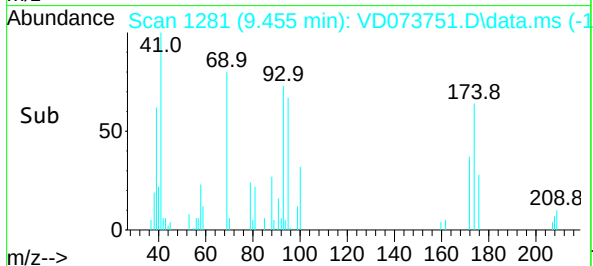
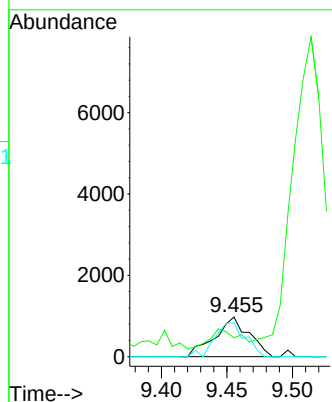
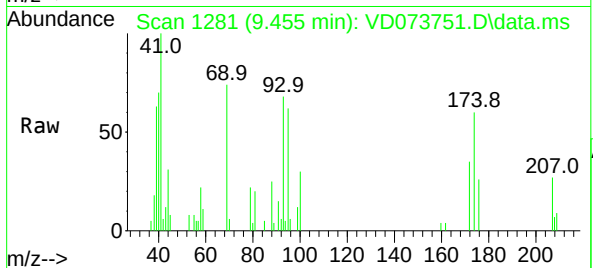
Tgt Ion: 88 Resp: 1764

Ion Ratio Lower Upper

88 100

43 55.5 24.5 36.7#

58 76.5 54.4 81.6



#50

Toluene-d8

Concen: 5.614 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073751.D

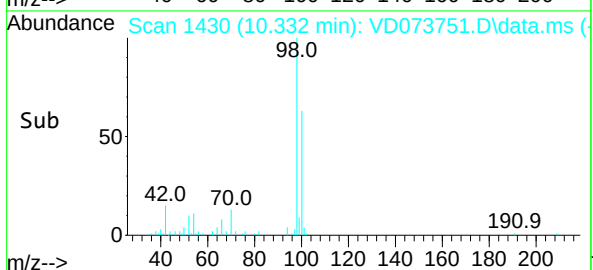
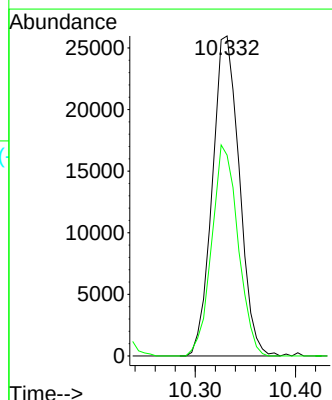
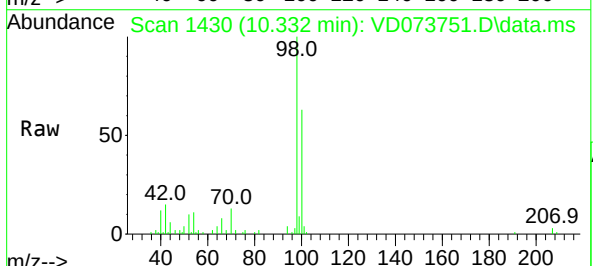
Acq: 30 Jun 2022 15:59

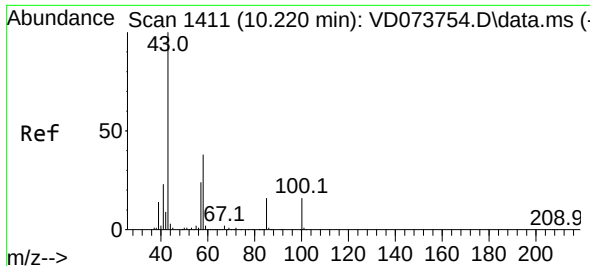
Tgt Ion: 98 Resp: 48553

Ion Ratio Lower Upper

98 100

100 64.3 54.0 81.0

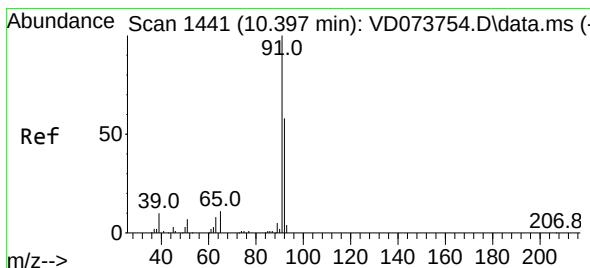
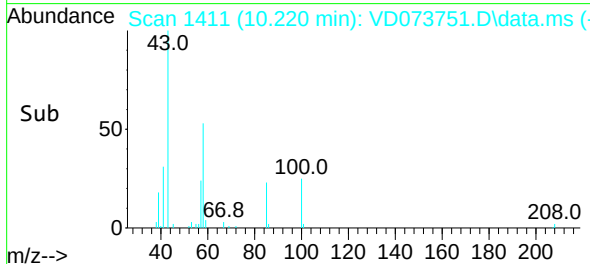
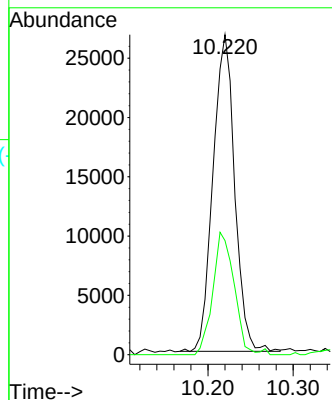
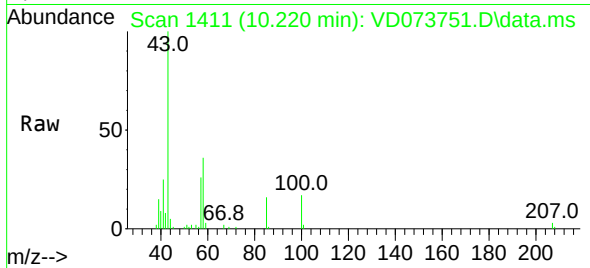




#51
4-Methyl-2-Pentanone
Concen: 25.167 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

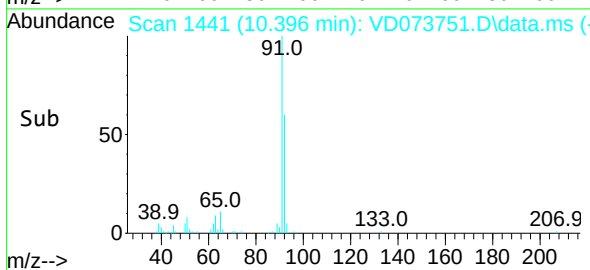
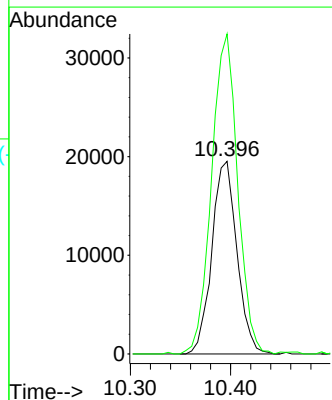
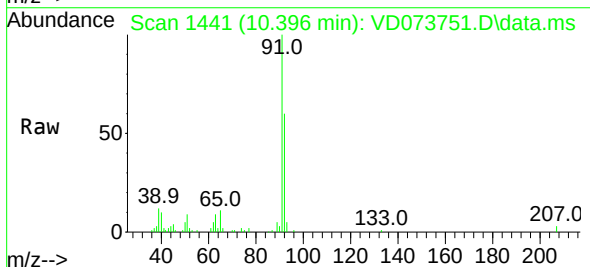
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

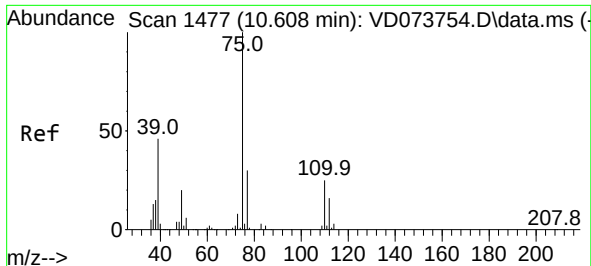
Tgt Ion: 43 Resp: 47132
Ion Ratio Lower Upper
43 100
58 38.4 32.3 48.5



#52
Toluene
Concen: 5.257 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 92 Resp: 33901
Ion Ratio Lower Upper
92 100
91 172.8 136.1 204.1

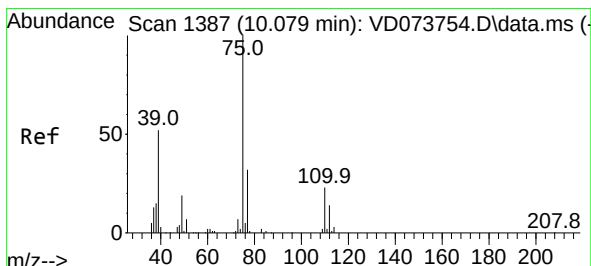
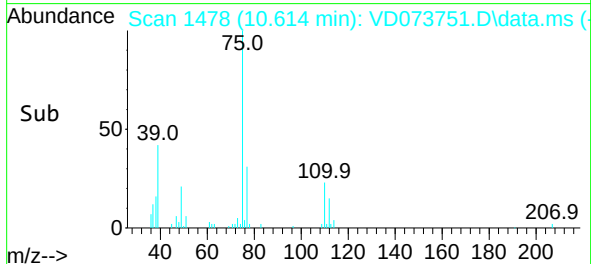
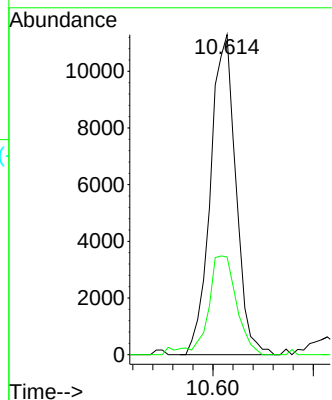
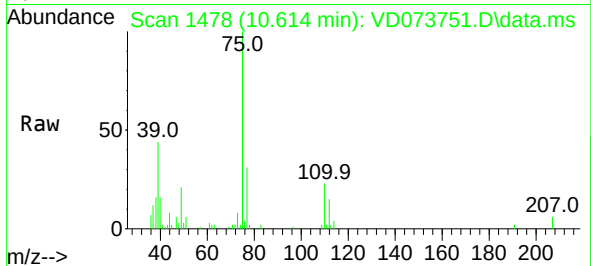




#53
t-1,3-Dichloropropene
Concen: 5.168 ug/l
RT: 10.614 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

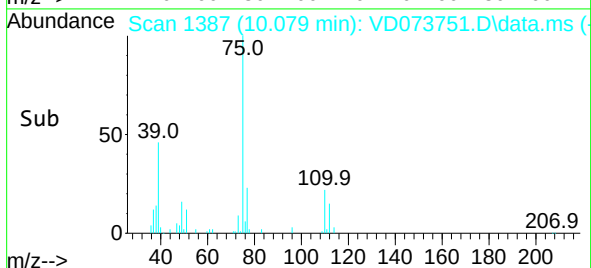
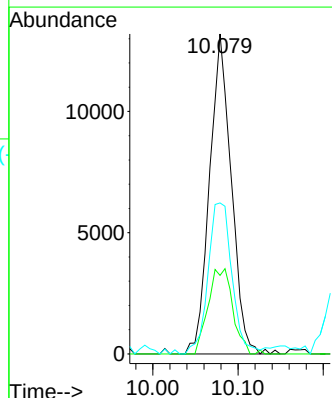
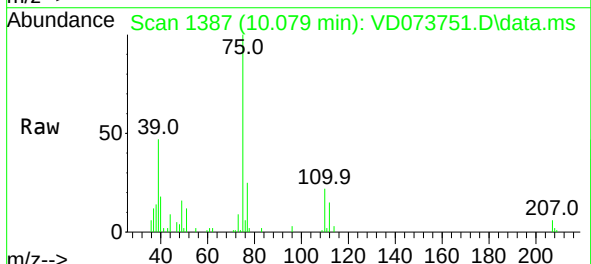
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

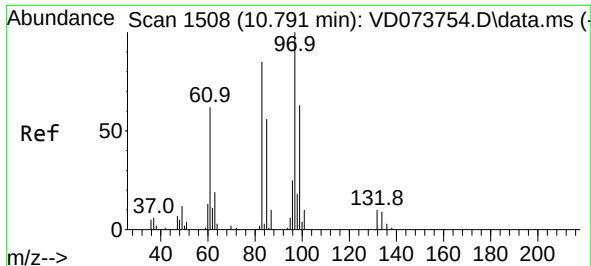
Tgt Ion: 75 Resp: 19833
Ion Ratio Lower Upper
75 100
77 30.5 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 5.389 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 75 Resp: 23415
Ion Ratio Lower Upper
75 100
77 24.6 26.2 39.2#
39 47.2 38.0 57.0

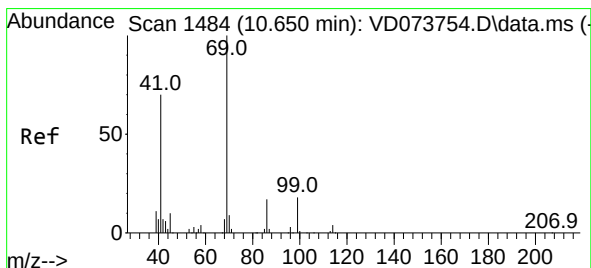
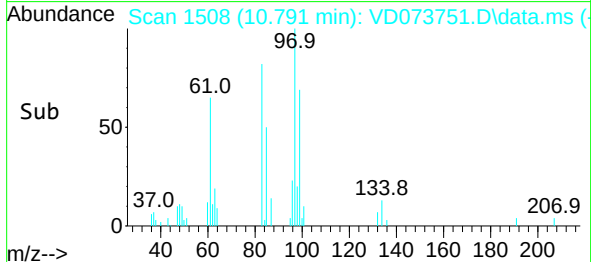
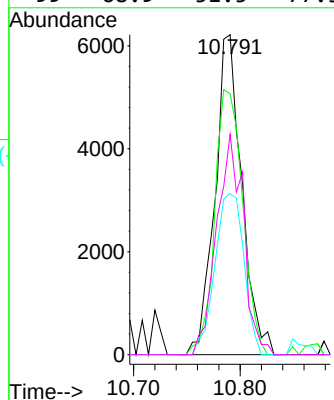
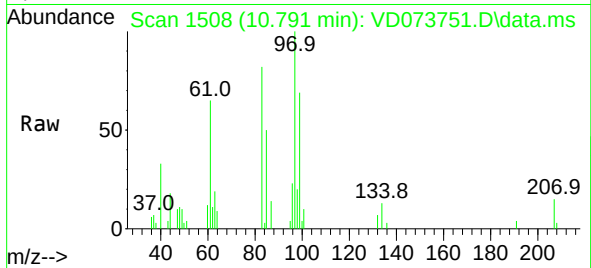




#55
1,1,2-Trichloroethane
Concen: 5.036 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

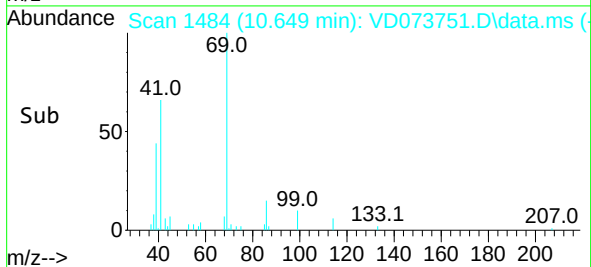
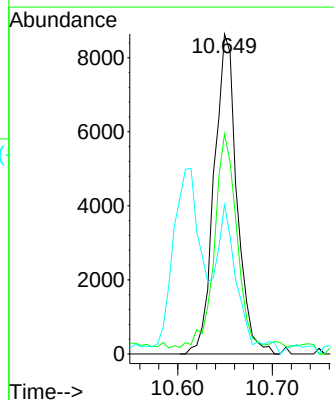
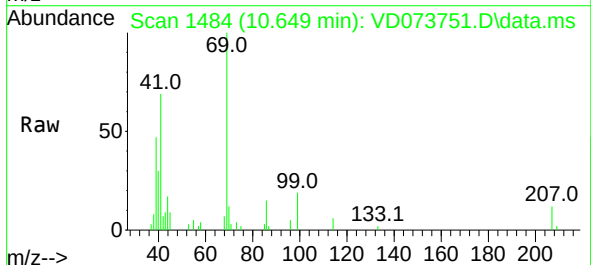
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

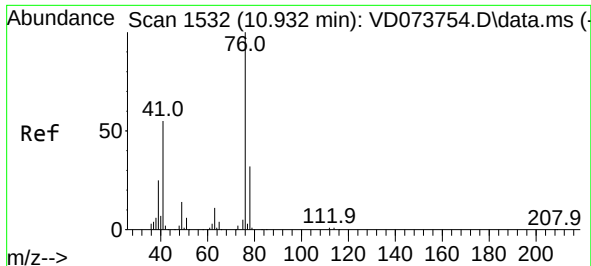
Tgt Ion: 97	Resp: 10870
Ion Ratio	Lower Upper
97 100	
83 81.5	67.1 100.7
85 50.4	44.0 66.0
99 68.9	51.5 77.3



#56
Ethyl methacrylate
Concen: 5.031 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 69	Resp: 14401
Ion Ratio	Lower Upper
69 100	
41 64.8	51.6 77.4
39 42.2	29.2 43.8





#57

1,3-Dichloropropane

Concen: 5.070 ug/l

RT: 10.938 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

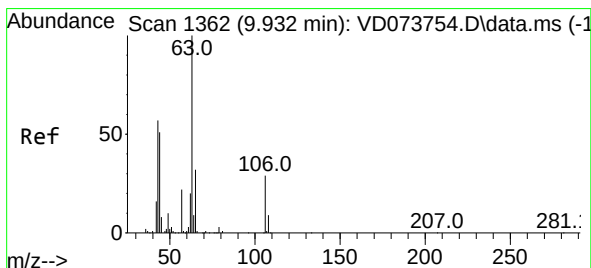
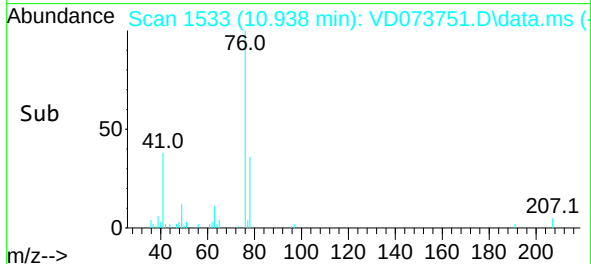
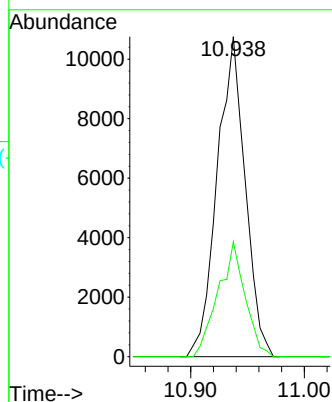
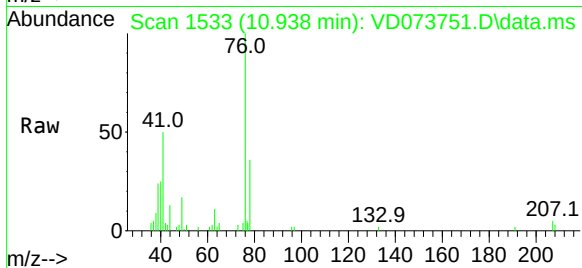
VSTDIC005

Tgt Ion: 76 Resp: 18421

Ion Ratio Lower Upper

76 100

78 34.6 27.1 40.7



#58

2-Chloroethyl Vinyl ether

Concen: 29.031 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073751.D

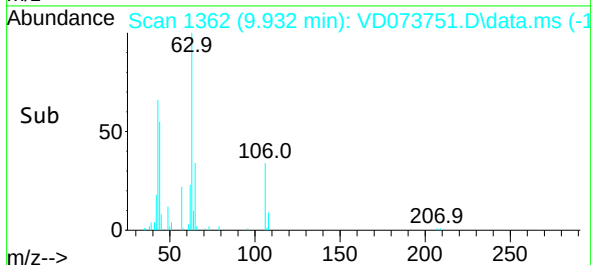
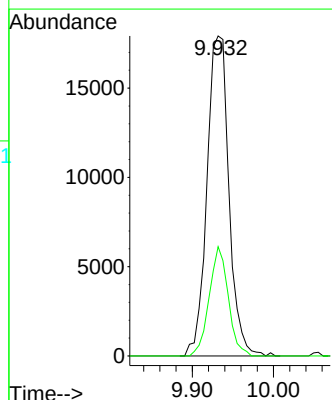
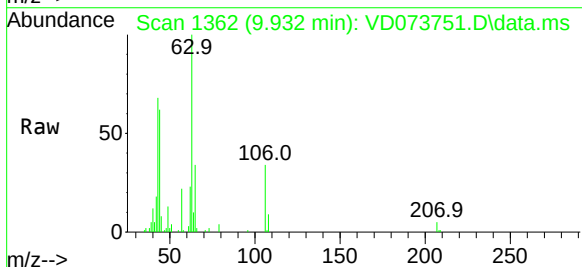
Acq: 30 Jun 2022 15:59

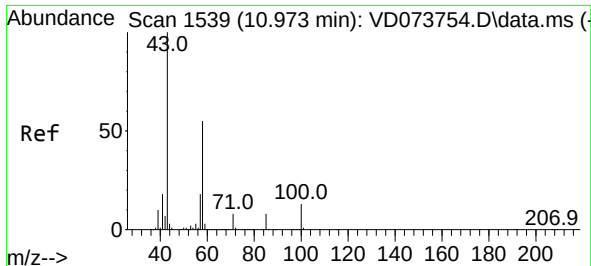
Tgt Ion: 63 Resp: 33686

Ion Ratio Lower Upper

63 100

106 29.6 25.2 37.8

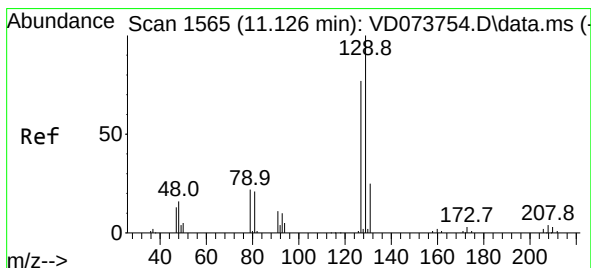
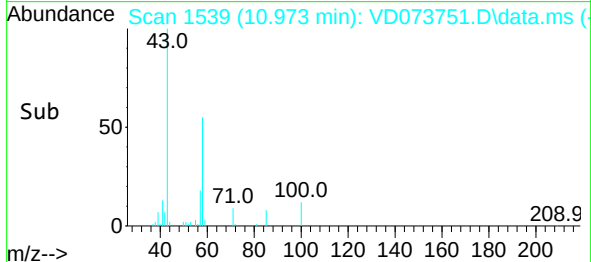
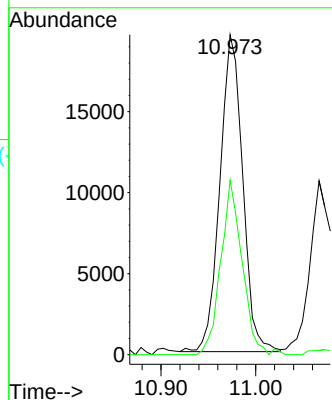
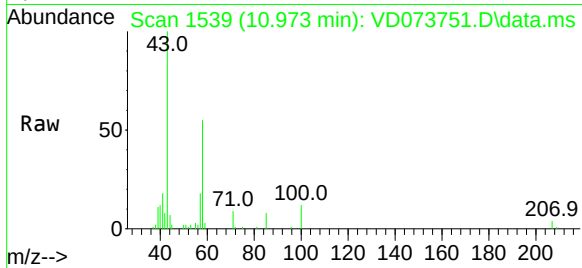




#59
2-Hexanone
Concen: 25.696 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

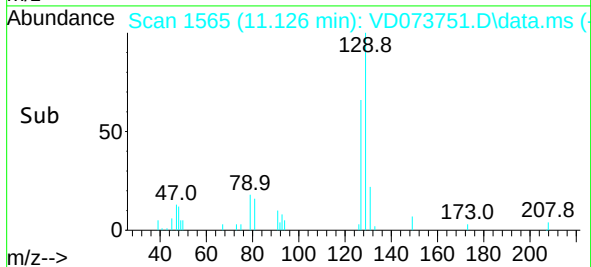
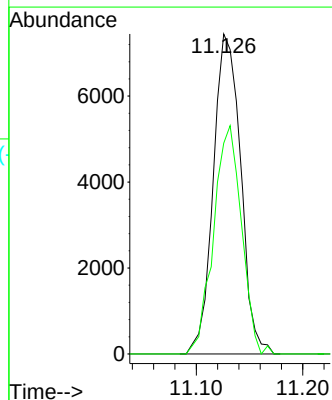
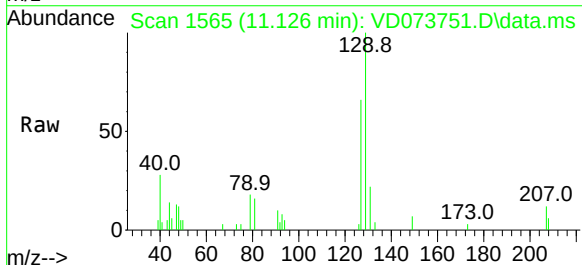
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

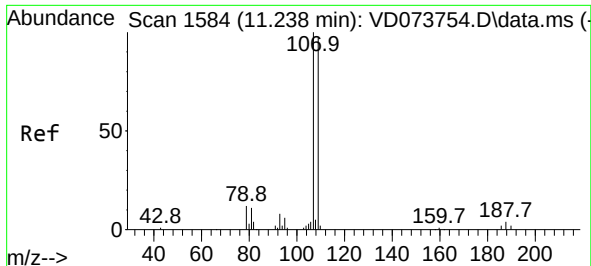
Tgt Ion: 43 Resp: 32792
Ion Ratio Lower Upper
43 100
58 51.1 28.8 86.4



#60
Dibromochloromethane
Concen: 5.067 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 129 Resp: 13281
Ion Ratio Lower Upper
129 100
127 72.7 36.8 110.4

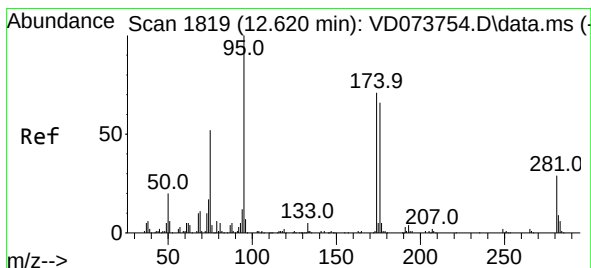
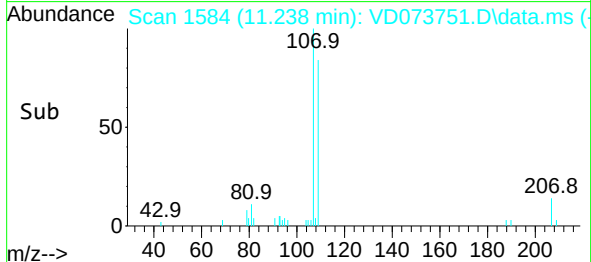
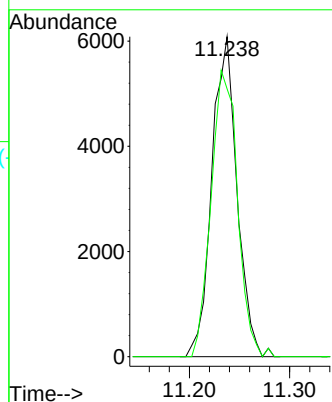
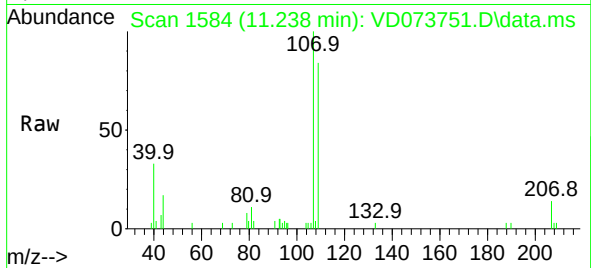




#61
1,2-Dibromoethane
Concen: 5.307 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

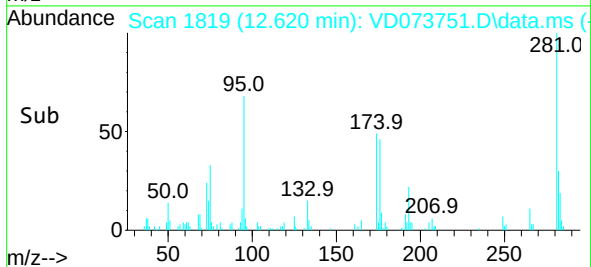
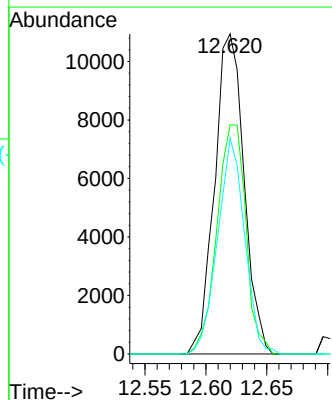
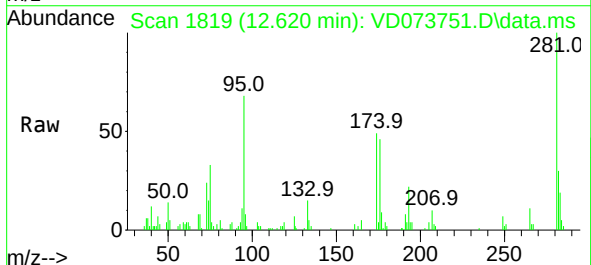
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

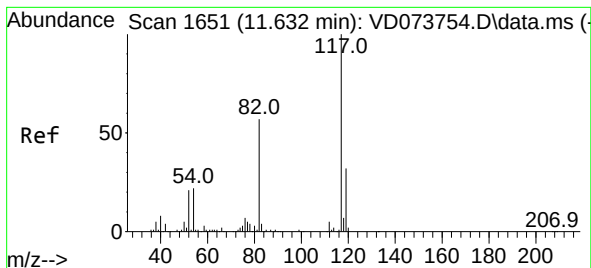
Tgt Ion:107 Resp: 10583
Ion Ratio Lower Upper
107 100
109 94.3 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 5.397 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 95 Resp: 18409
Ion Ratio Lower Upper
95 100
174 70.3 0.0 158.4
176 61.8 0.0 154.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

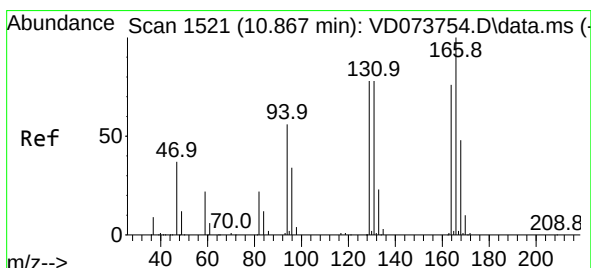
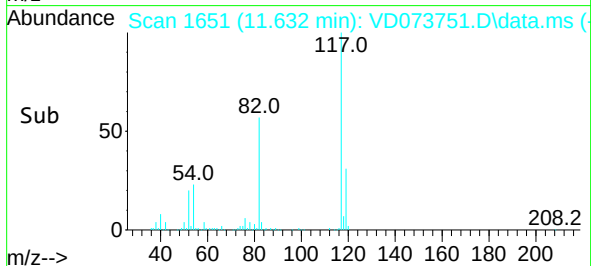
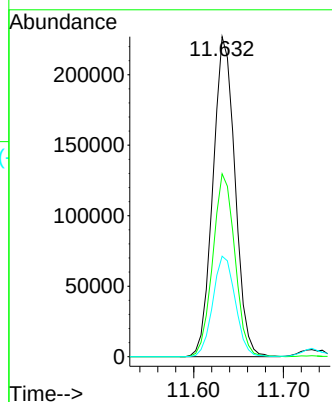
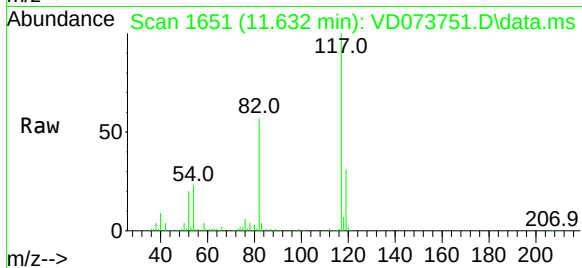
Tgt Ion:117 Resp: 387742

Ion Ratio Lower Upper

117 100

82 57.2 41.5 62.3

119 31.4 27.1 40.7



#64

Tetrachloroethene

Concen: 5.781 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.000 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

Tgt Ion:164 Resp: 11459

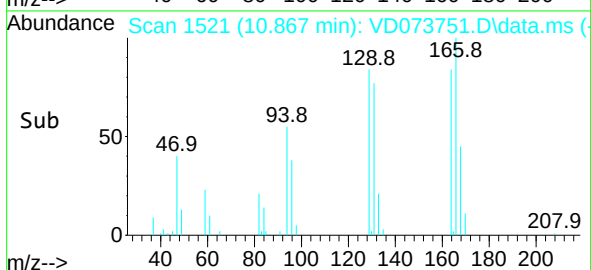
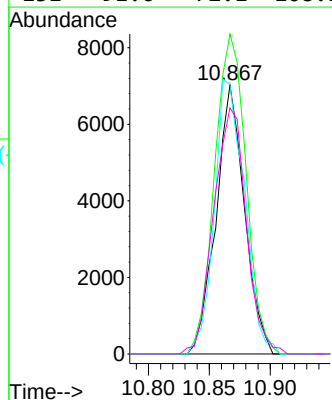
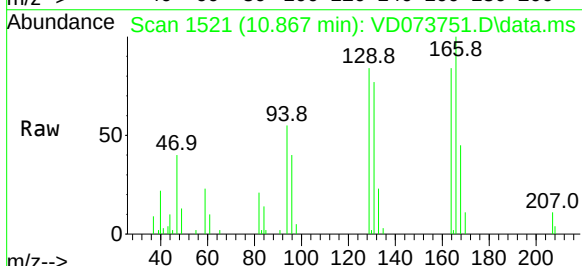
Ion Ratio Lower Upper

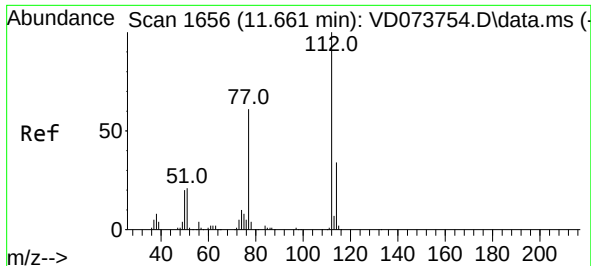
164 100

166 119.1 97.0 145.4

129 100.2 75.2 112.8

131 91.6 72.1 108.1

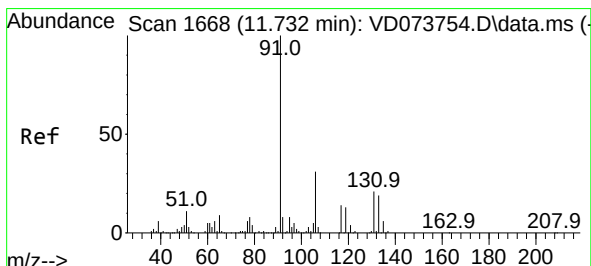
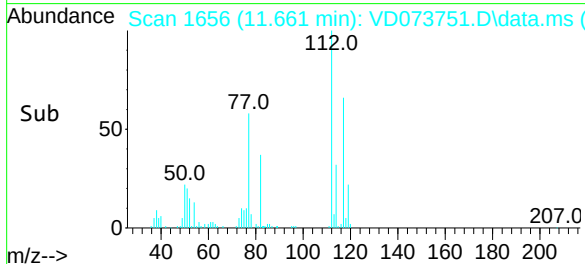
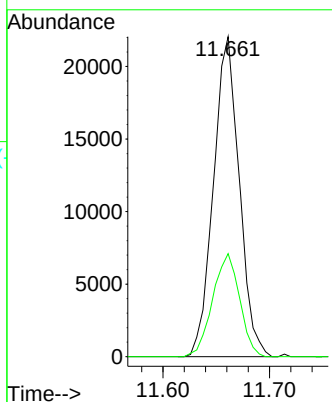
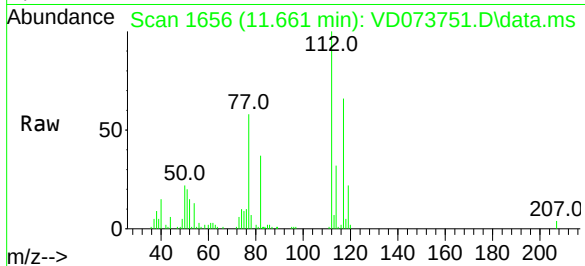




#65
Chlorobenzene
Concen: 5.178 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

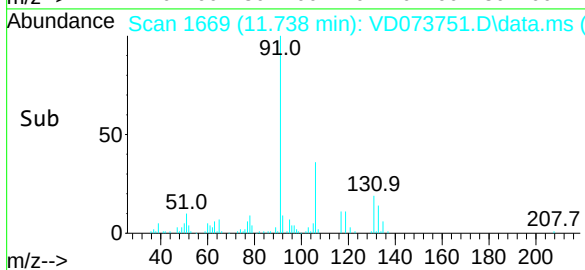
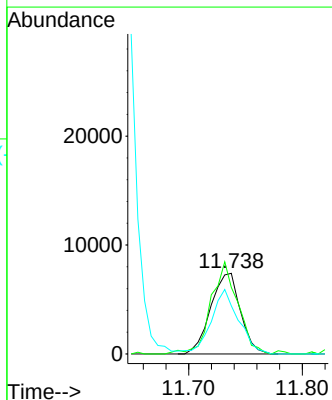
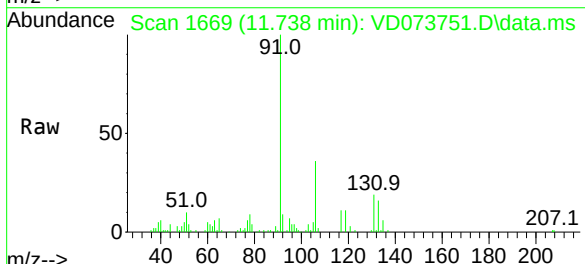
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

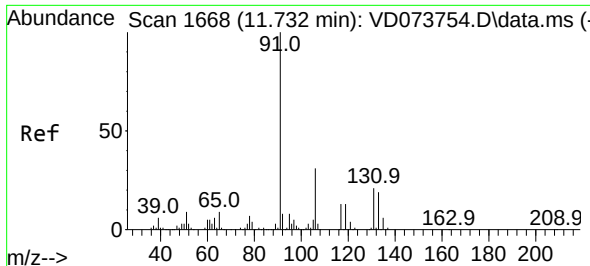
Tgt Ion:112 Resp: 37050
Ion Ratio Lower Upper
112 100
114 32.2 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 4.982 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion:131 Resp: 13440
Ion Ratio Lower Upper
131 100
133 103.2 47.1 141.4
119 74.3 31.4 94.3





#67

Ethyl Benzene

Concen: 5.231 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

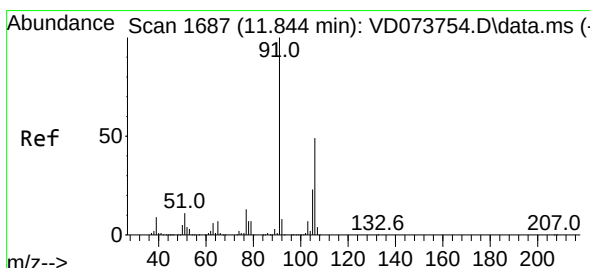
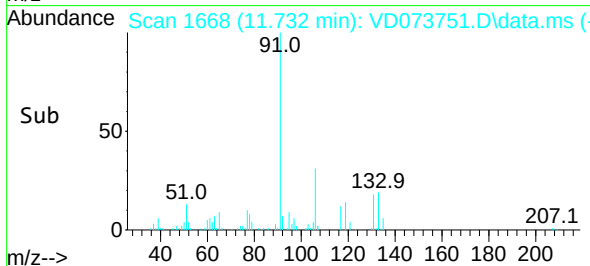
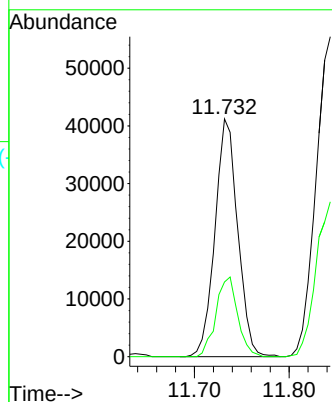
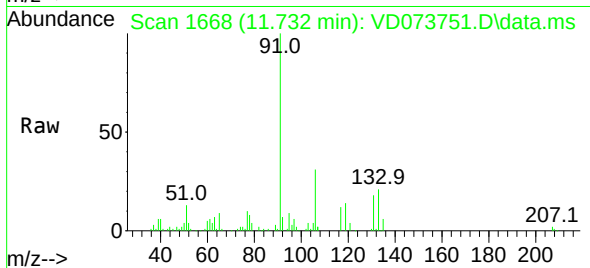
VSTDIC005

Tgt Ion: 91 Resp: 68760

Ion Ratio Lower Upper

91 100

106 31.4 23.5 35.3



#68

m/p-Xylenes

Concen: 10.383 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VD073751.D

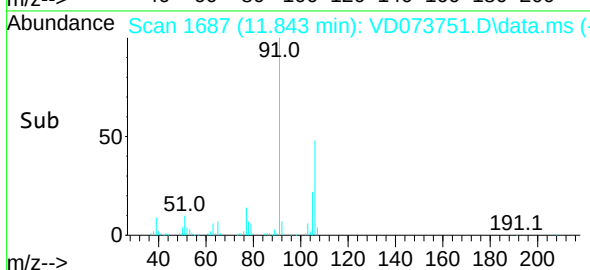
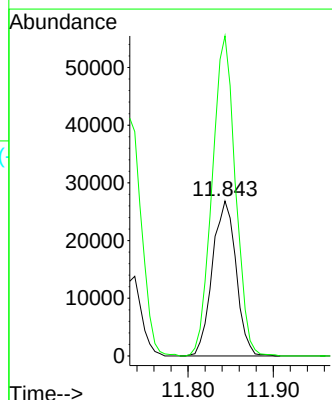
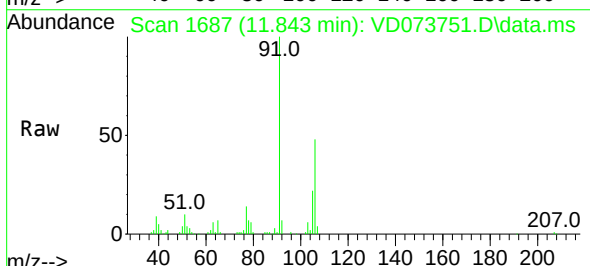
Acq: 30 Jun 2022 15:59

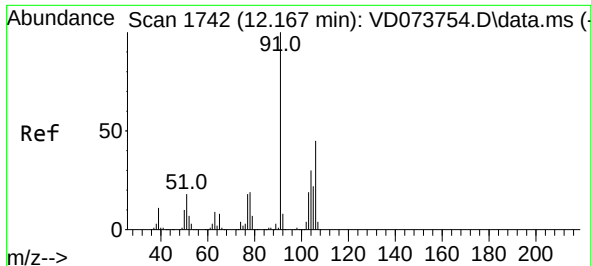
Tgt Ion: 106 Resp: 51918

Ion Ratio Lower Upper

106 100

91 202.4 161.4 242.2

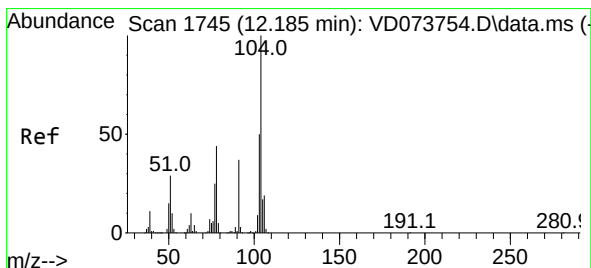
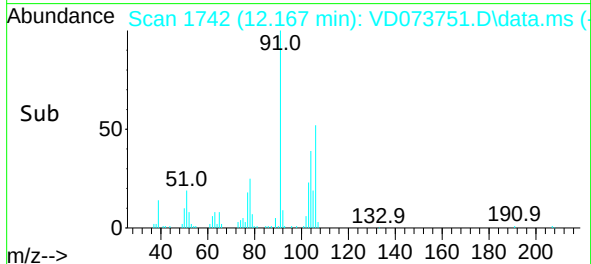
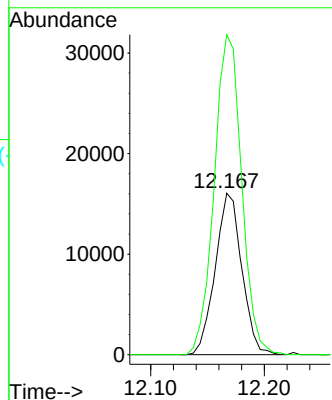
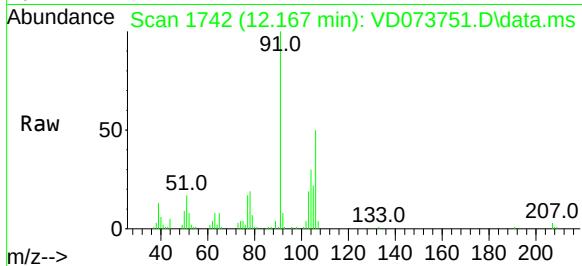




#69
o-Xylene
Concen: 5.330 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

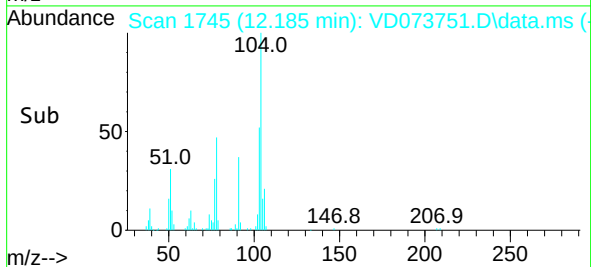
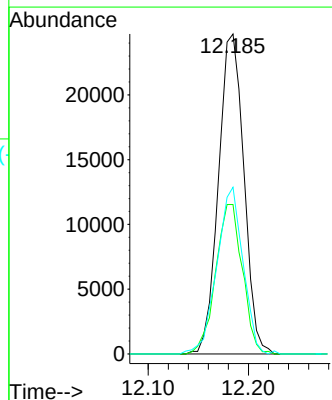
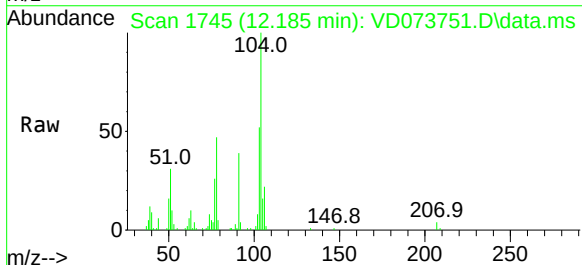
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

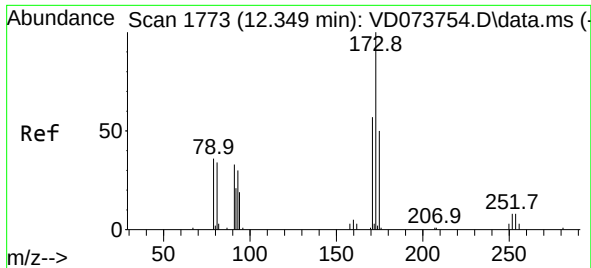
Tgt Ion:106 Resp: 26087
Ion Ratio Lower Upper
106 100
91 204.8 107.6 322.8



#70
Styrene
Concen: 5.185 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion:104 Resp: 43459
Ion Ratio Lower Upper
104 100
78 49.2 39.8 59.8
103 53.6 43.3 64.9

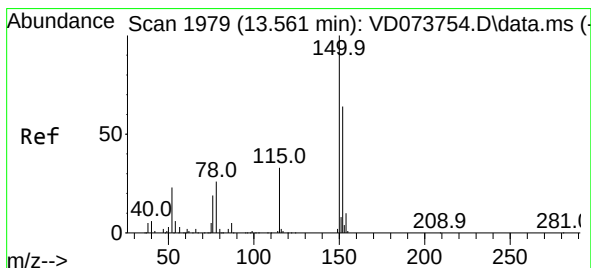
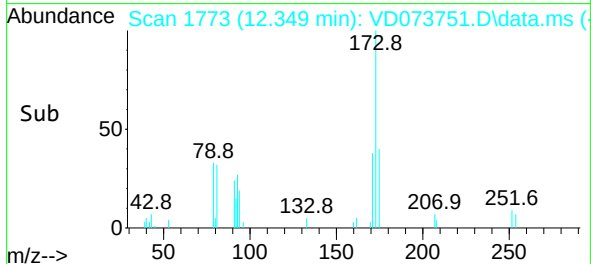
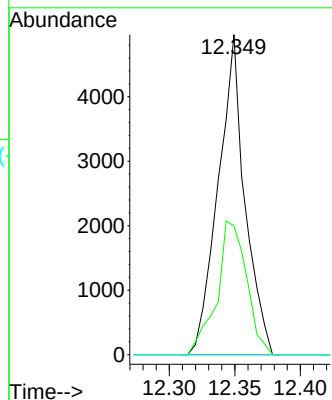
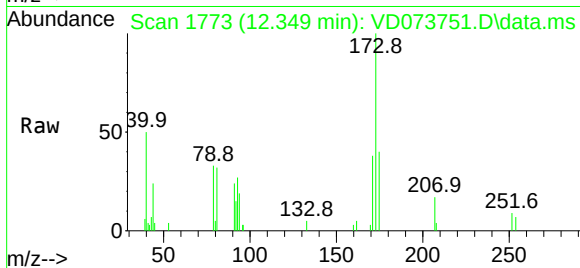




#71
Bromoform
Concen: 4.980 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

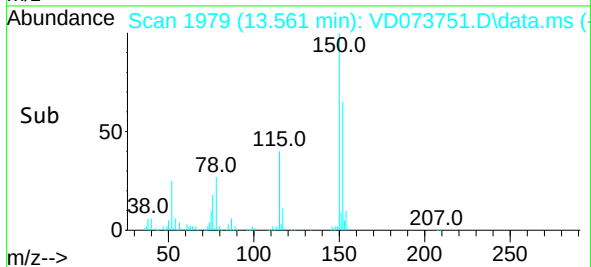
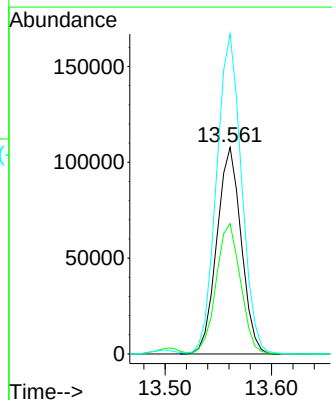
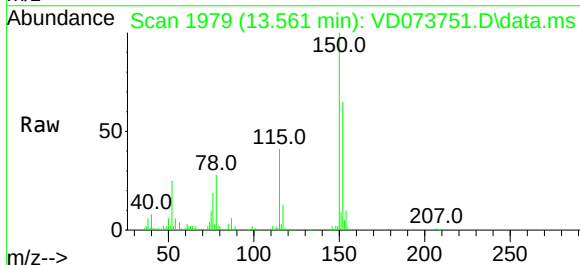
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

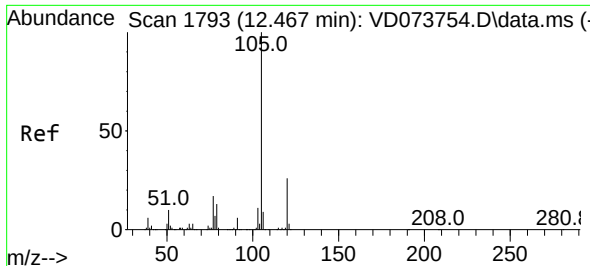
Tgt Ion:173 Resp: 7008
Ion Ratio Lower Upper
173 100
175 46.5 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion:152 Resp: 170998
Ion Ratio Lower Upper
152 100
115 63.4 30.6 91.6
150 158.8 0.0 355.0

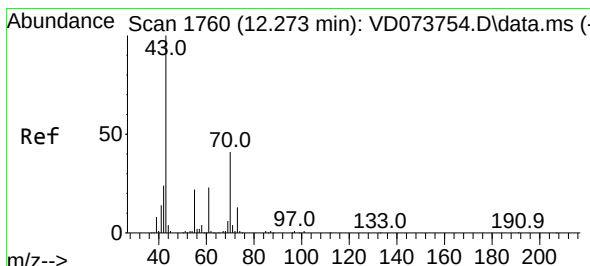
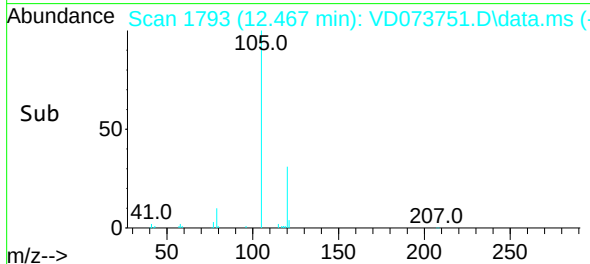
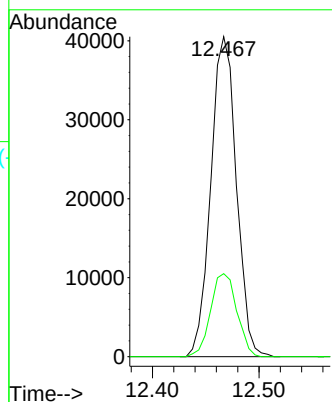
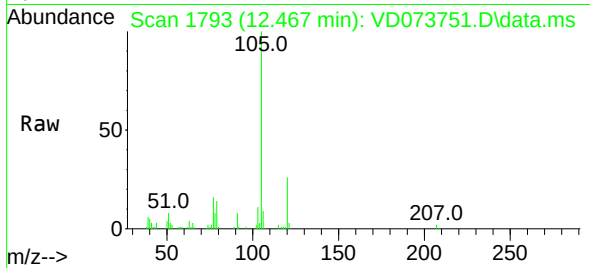




#73
Isopropylbenzene
Concen: 5.209 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

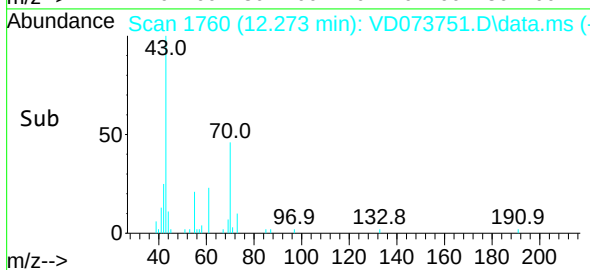
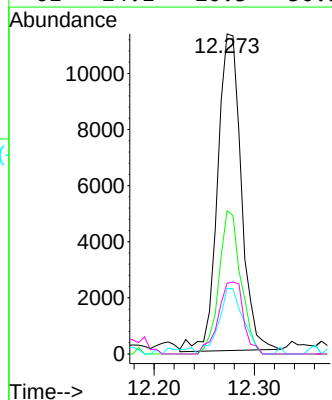
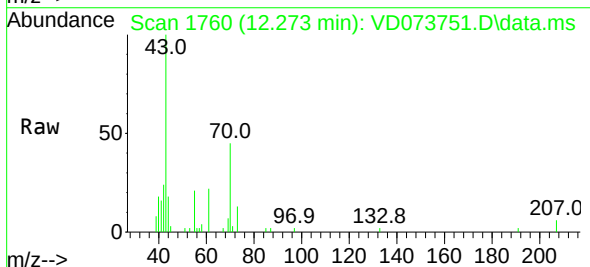
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

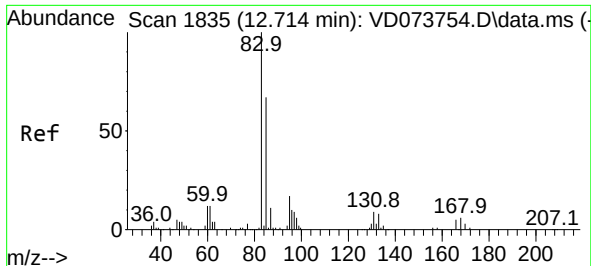
Tgt Ion:105 Resp: 67484
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6



#74
N-ethyl acetate
Concen: 5.259 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 43 Resp: 18497
Ion Ratio Lower Upper
43 100
70 41.5 35.0 52.6
55 21.2 21.0 31.4
61 24.1 20.3 30.5

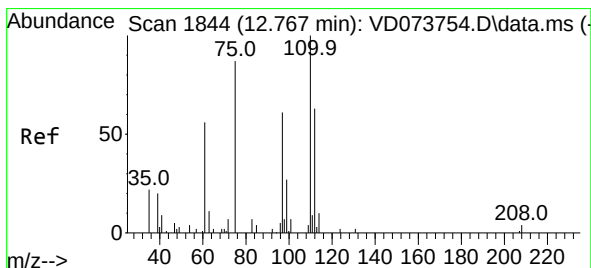
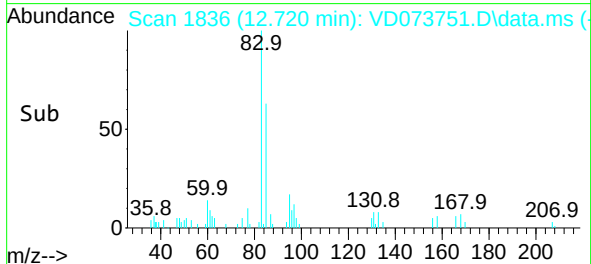
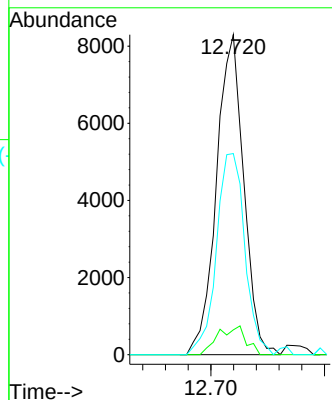
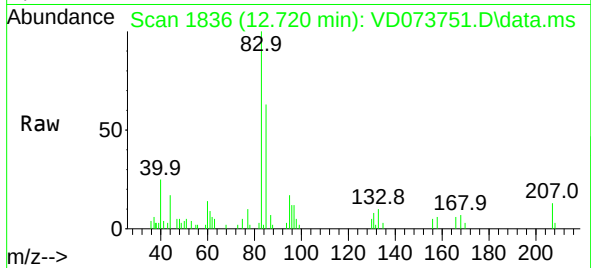




#75
1,1,2-Tetrachloroethane
Concen: 5.360 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

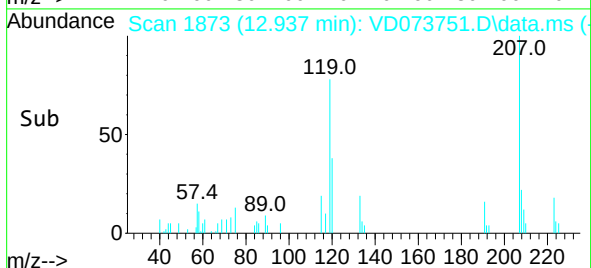
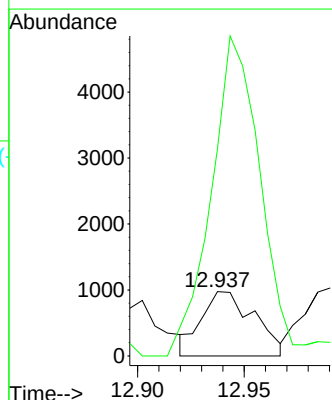
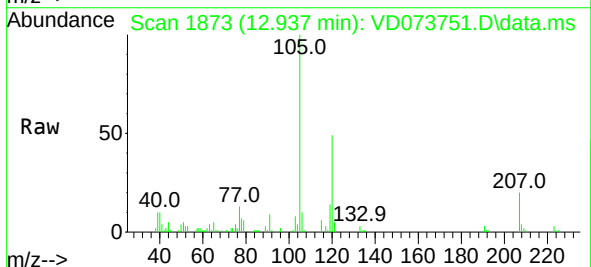
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

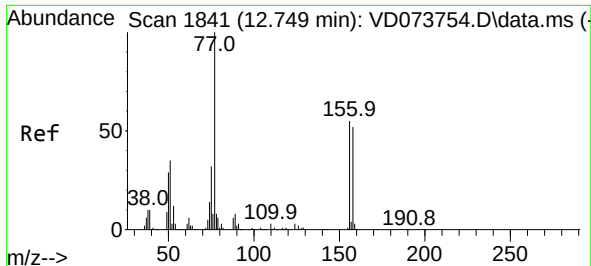
Tgt Ion: 83 Resp: 13840
Ion Ratio Lower Upper
83 100
131 9.1 5.5 16.7
85 65.4 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 1.029 ug/l
RT: 12.937 min Scan# 1873
Delta R.T. 0.170 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 75 Resp: 1681
Ion Ratio Lower Upper
75 100
77 459.1 195.3 586.0

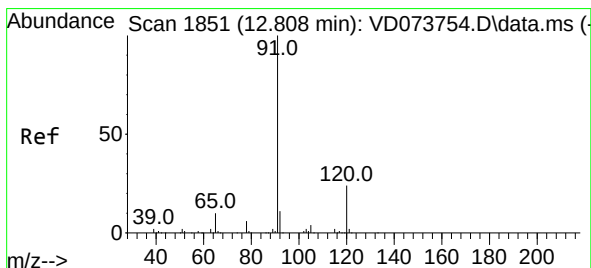
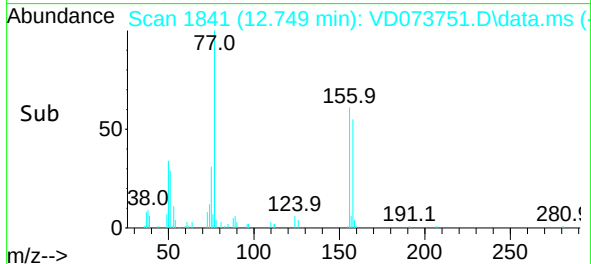
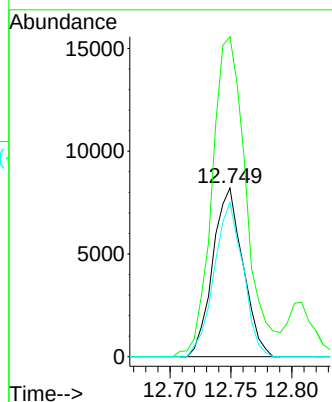
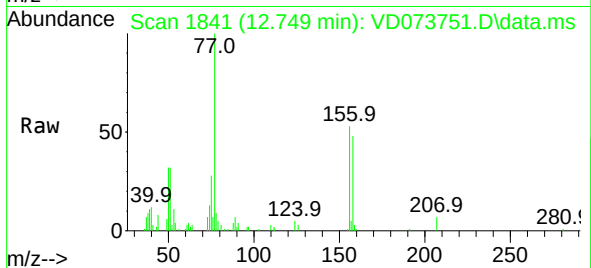




#77
Bromobenzene
Concen: 5.331 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

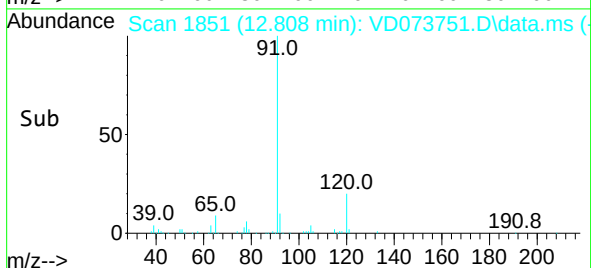
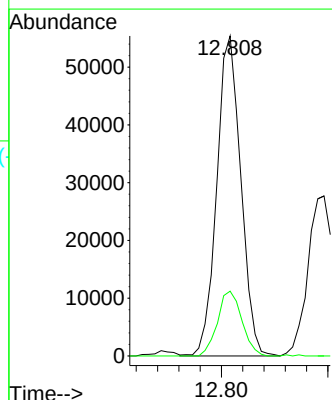
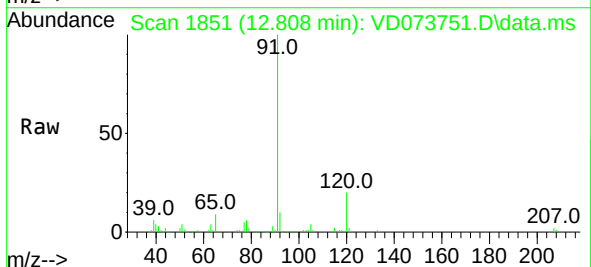
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

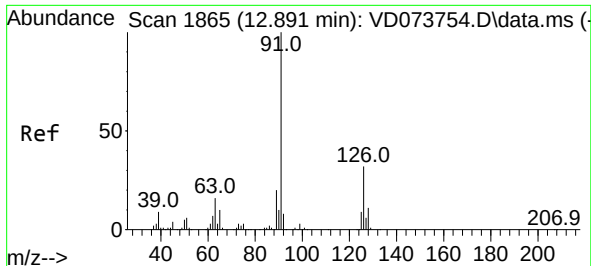
Tgt Ion:156 Resp: 14150
Ion Ratio Lower Upper
156 100
77 214.3 90.9 272.7
158 87.9 48.4 145.2



#78
n-propylbenzene
Concen: 5.349 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 91 Resp: 86735
Ion Ratio Lower Upper
91 100
120 20.5 11.8 35.3

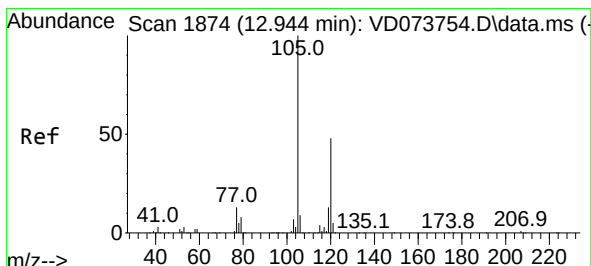
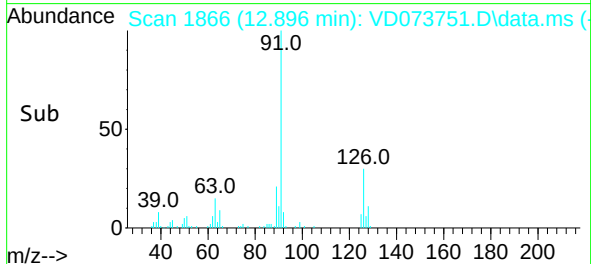
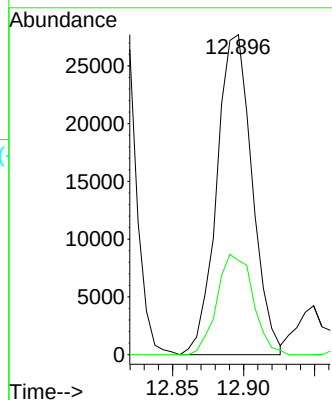
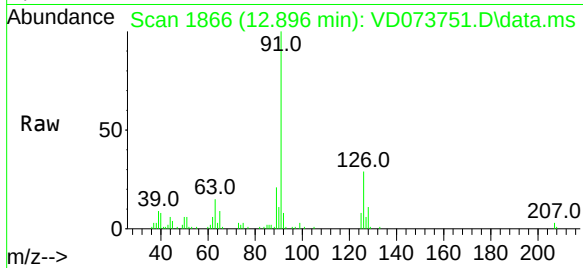




#79
2-Chlorotoluene
Concen: 5.296 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

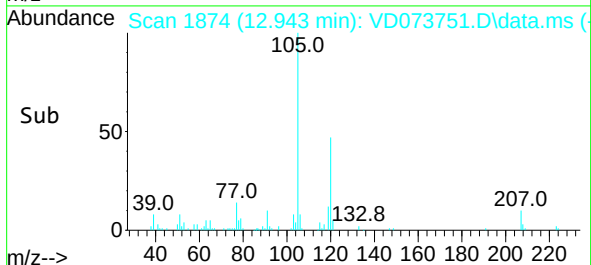
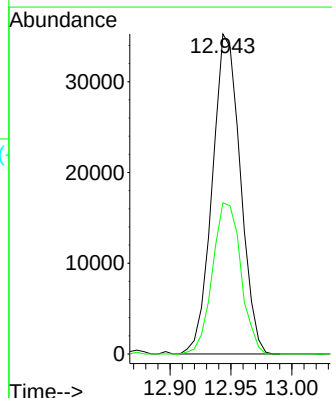
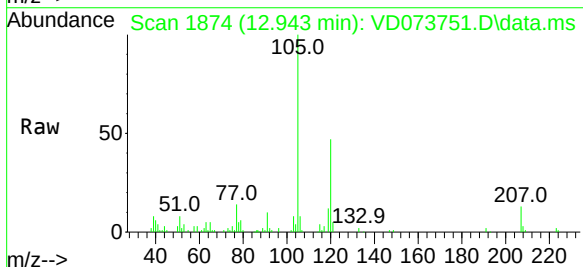
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

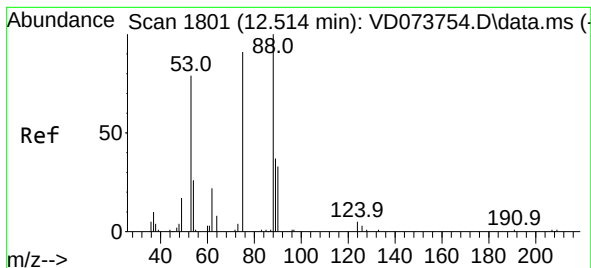
Tgt Ion: 91 Resp: 47923
Ion Ratio Lower Upper
91 100
126 32.0 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 5.239 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 105 Resp: 56450
Ion Ratio Lower Upper
105 100
120 47.8 24.5 73.5

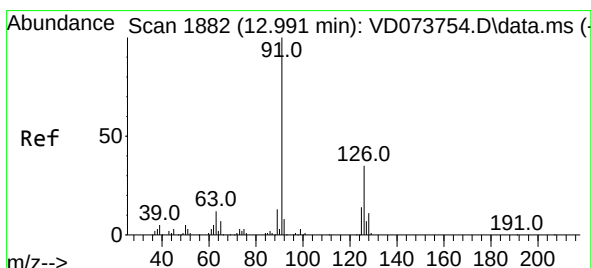
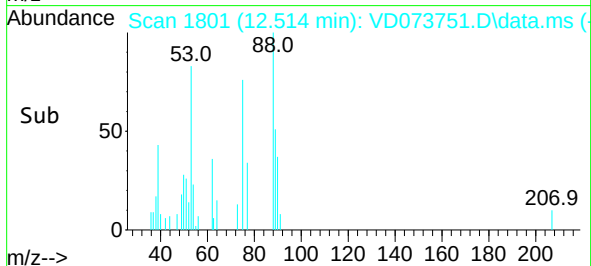
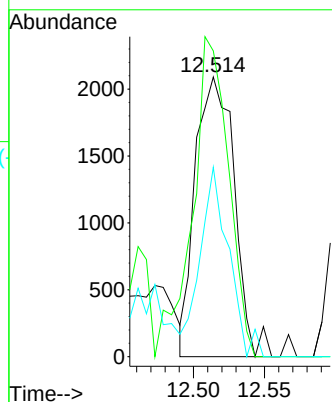
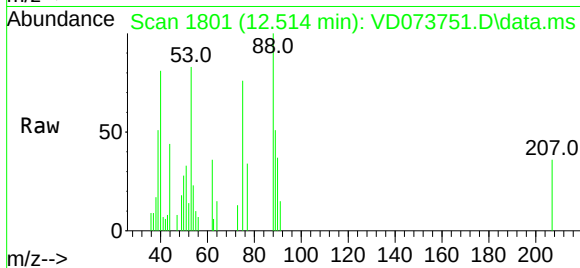




#81
trans-1,4-Dichloro-2-butene
Concen: 4.696 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

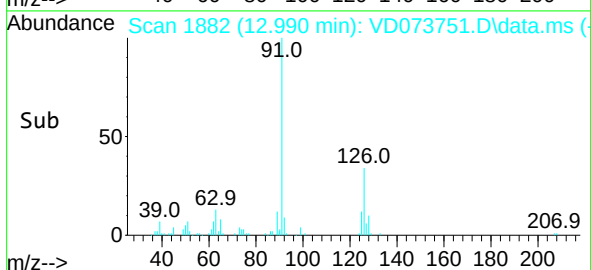
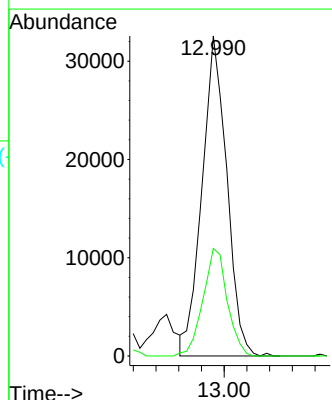
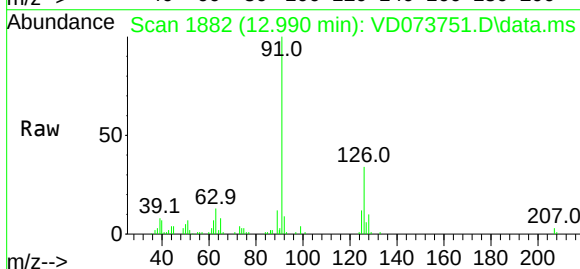
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

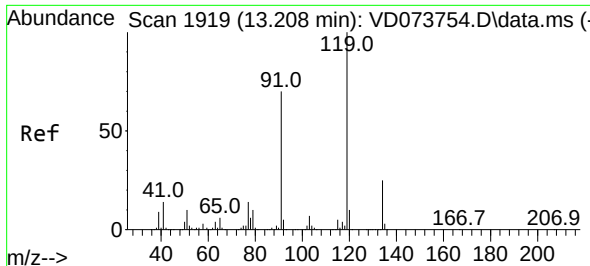
Tgt Ion: 75 Resp: 3978
Ion Ratio Lower Upper
75 100
53 100.1 77.0 115.6
89 49.8 37.8 56.8



#82
4-Chlorotoluene
Concen: 5.244 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 91 Resp: 49209
Ion Ratio Lower Upper
91 100
126 32.9 16.8 50.4

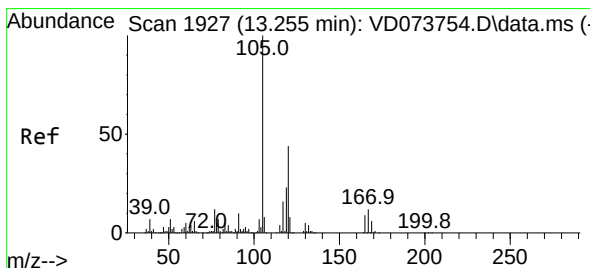
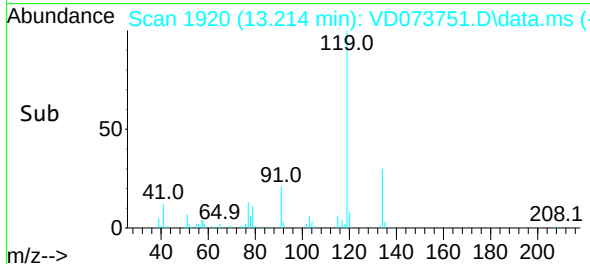
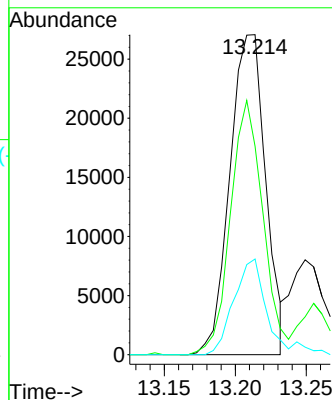
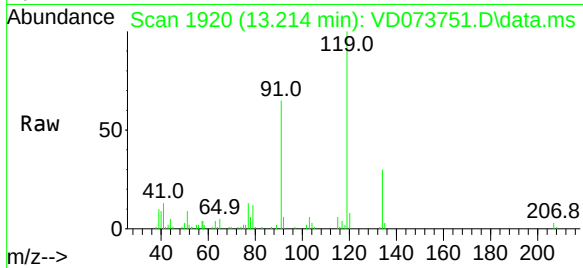




#83
tert-Butylbenzene
Concen: 4.974 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

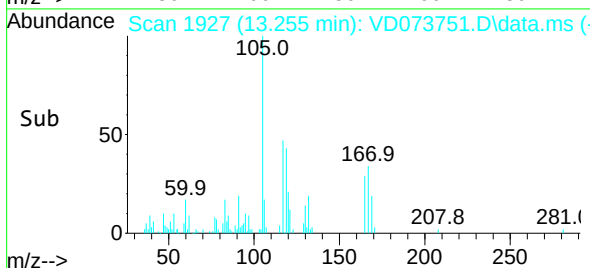
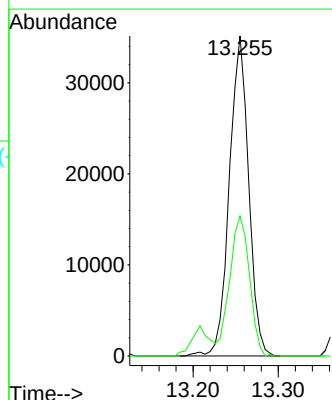
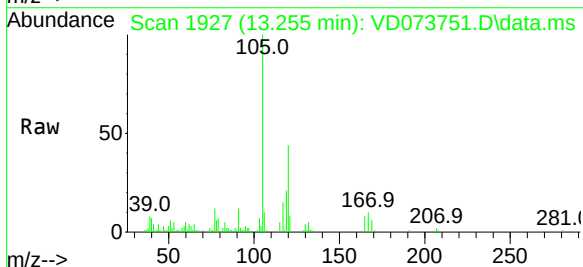
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

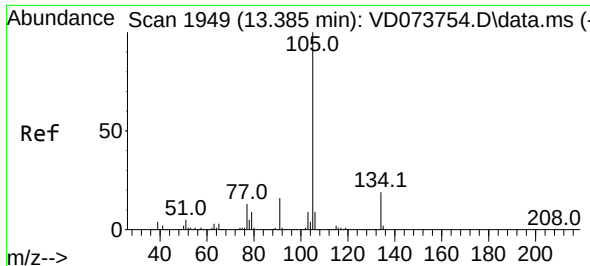
Tgt Ion:119 Resp: 47427
Ion Ratio Lower Upper
119 100
91 72.0 32.1 96.5
134 28.1 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 5.189 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion:105 Resp: 55254
Ion Ratio Lower Upper
105 100
120 45.0 22.6 67.8

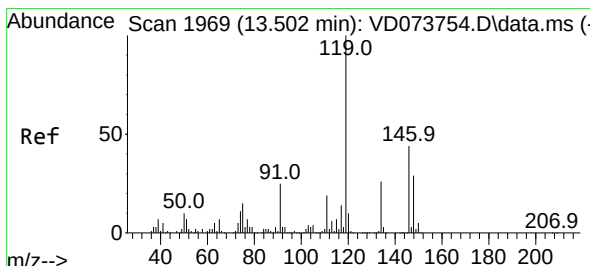
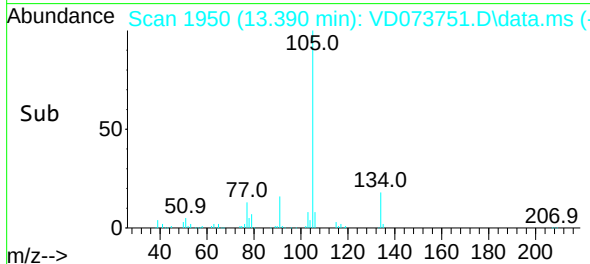
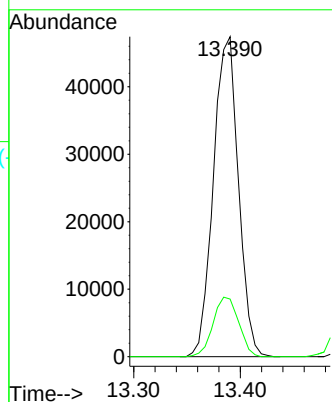
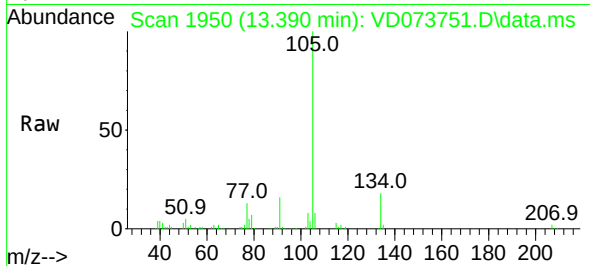




#85
 sec-Butylbenzene
 Concen: 5.238 ug/l
 RT: 13.390 min Scan# 1949
 Delta R.T. 0.006 min
 Lab File: VD073751.D
 Acq: 30 Jun 2022 15:59

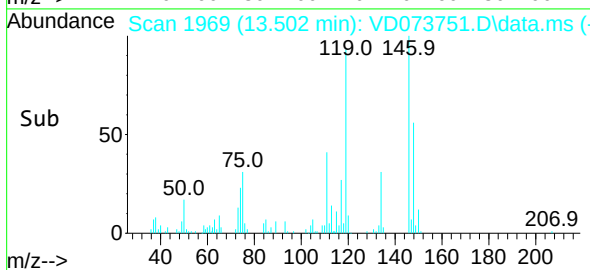
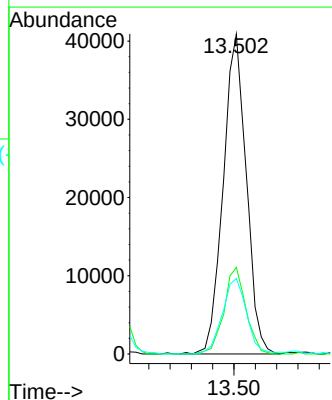
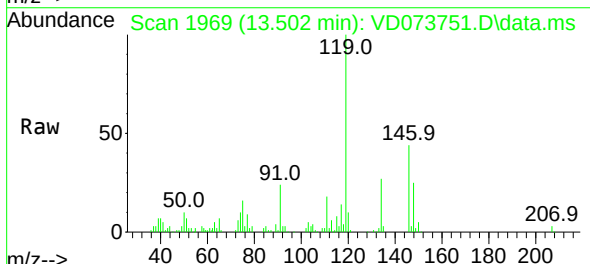
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

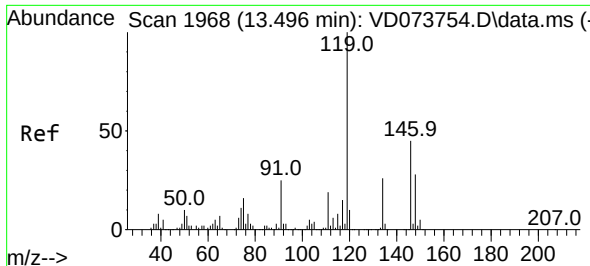
Tgt Ion:105 Resp: 77263
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 5.187 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD073751.D
 Acq: 30 Jun 2022 15:59

Tgt Ion:119 Resp: 61307
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.6 12.1 36.3

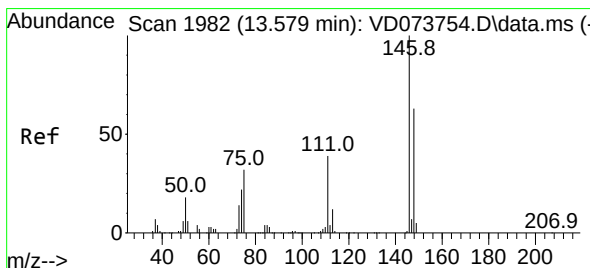
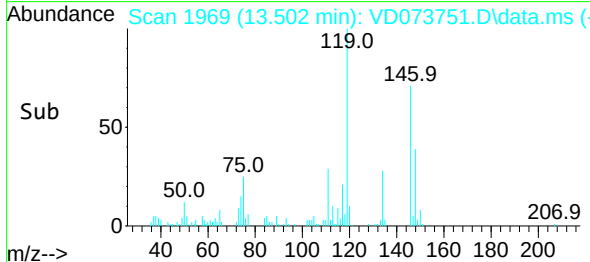
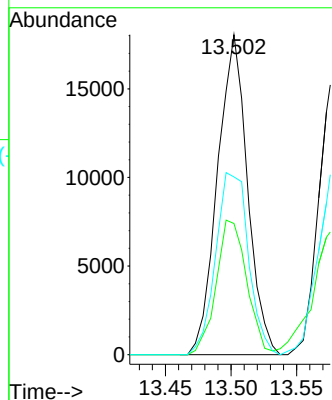
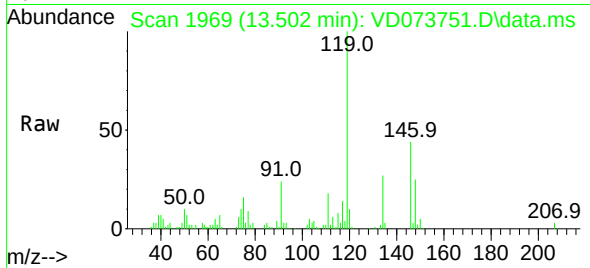




#87
1,3-Dichlorobenzene
Concen: 5.187 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

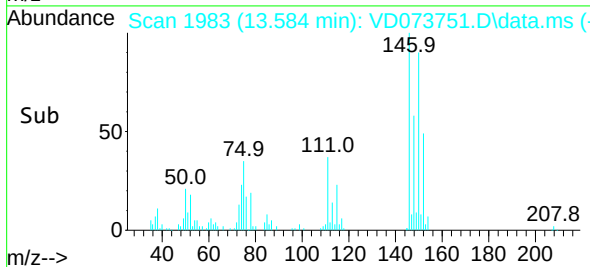
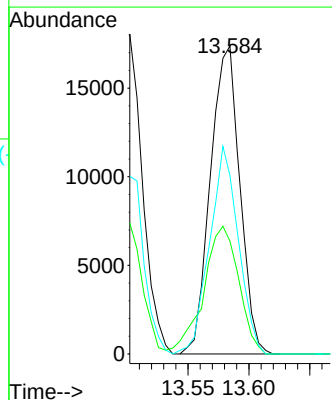
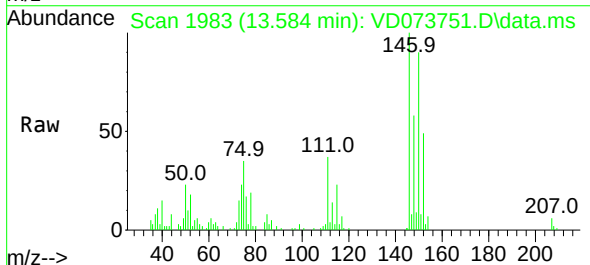
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

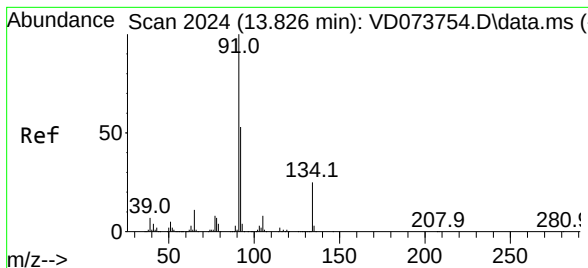
Tgt Ion:146 Resp: 28689
Ion Ratio Lower Upper
146 100
111 42.9 20.3 60.9
148 62.3 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 5.297 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. 0.006 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion:146 Resp: 29204
Ion Ratio Lower Upper
146 100
111 49.6 19.6 58.8
148 65.9 31.8 95.3





#89

n-Butylbenzene

Concen: 5.203 ug/l

RT: 13.826 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

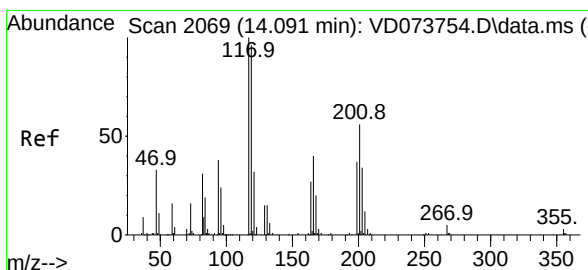
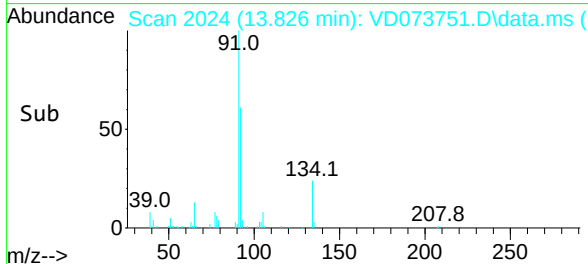
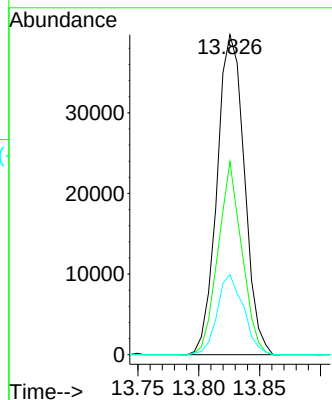
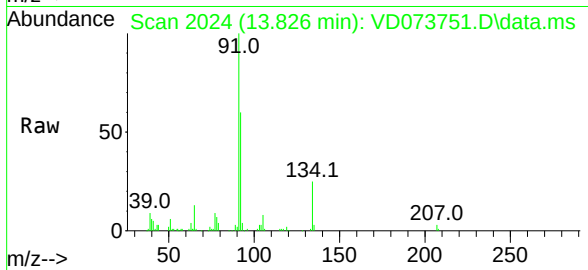
Tgt Ion: 91 Resp: 62067

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.2

134 24.1 12.7 38.0



#90

Hexachloroethane

Concen: 5.317 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VD073751.D

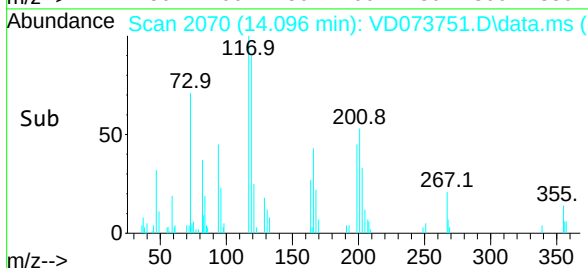
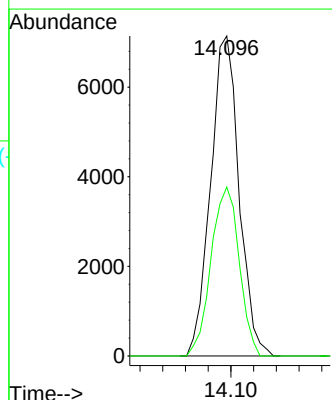
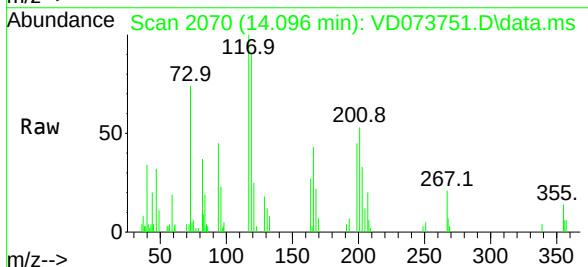
Acq: 30 Jun 2022 15:59

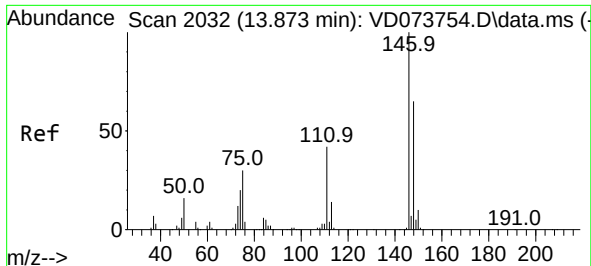
Tgt Ion: 117 Resp: 12424

Ion Ratio Lower Upper

117 100

201 52.1 33.8 101.4

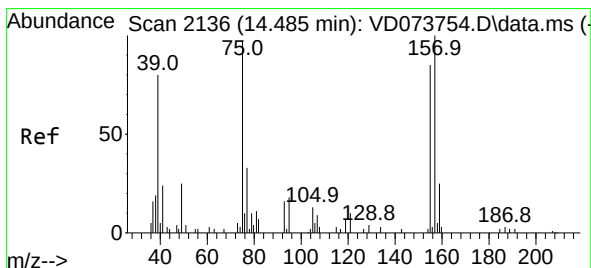
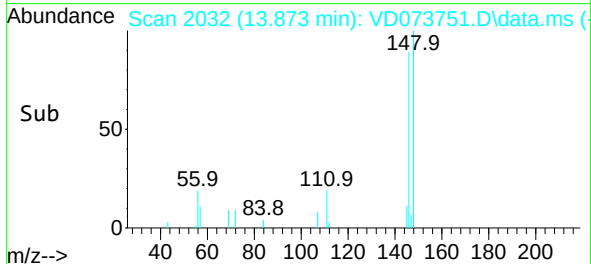
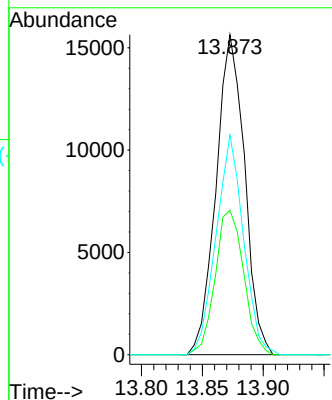
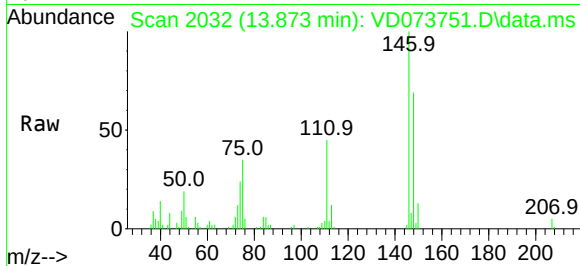




#91
1,2-Dichlorobenzene
Concen: 5.212 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

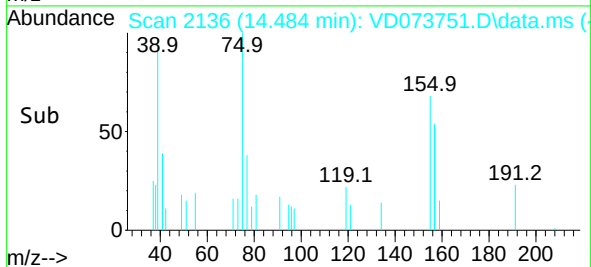
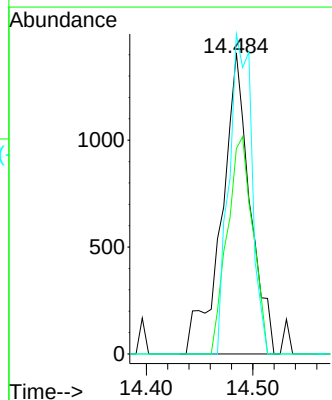
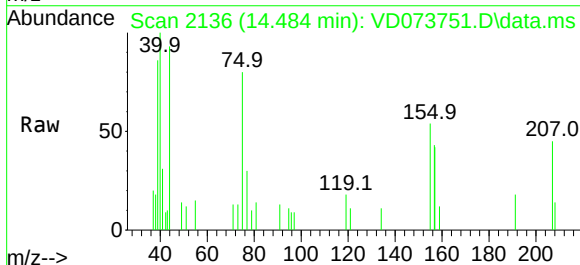
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

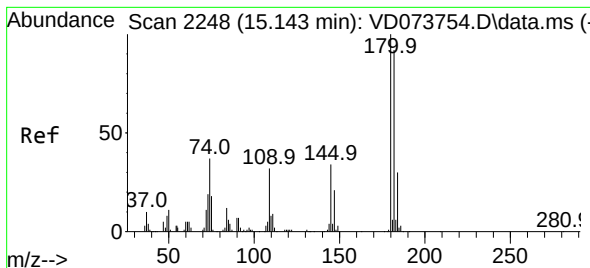
Tgt Ion:146 Resp: 25502
Ion Ratio Lower Upper
146 100
111 45.1 21.1 63.3
148 65.9 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.134 ug/l
RT: 14.484 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VD073751.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 75 Resp: 2609
Ion Ratio Lower Upper
75 100
155 64.7 41.2 123.6
157 85.7 55.5 166.5





#93

1,2,4-Trichlorobenzene

Concen: 5.248 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. -0.000 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

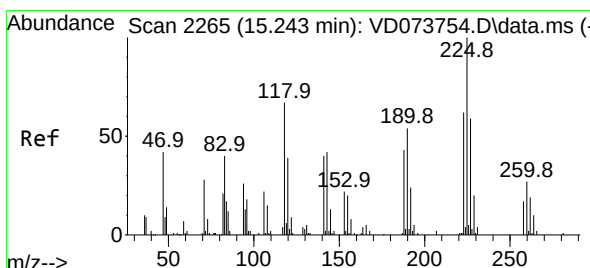
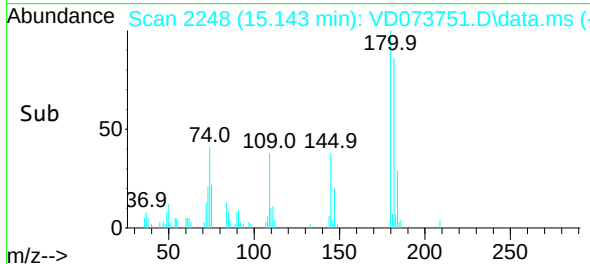
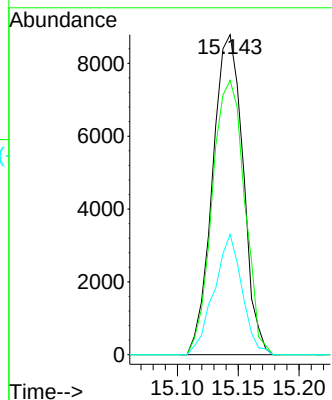
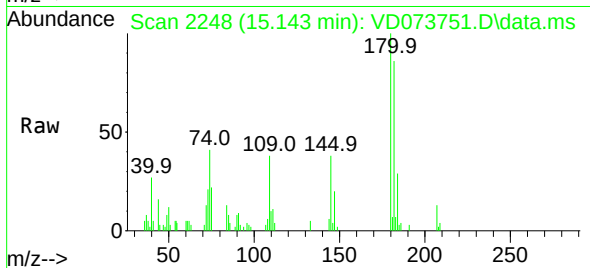
Tgt Ion:180 Resp: 15315

Ion Ratio Lower Upper

180 100

182 90.8 48.0 144.0

145 34.5 16.2 48.5



#94

Hexachlorobutadiene

Concen: 5.385 ug/l

RT: 15.243 min Scan# 2265

Delta R.T. -0.000 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

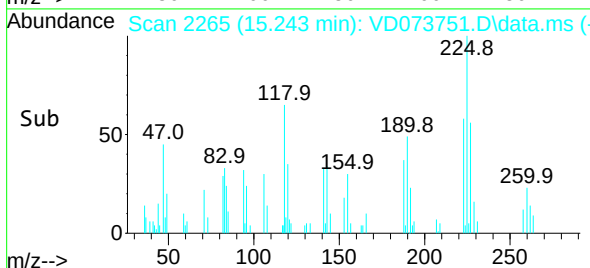
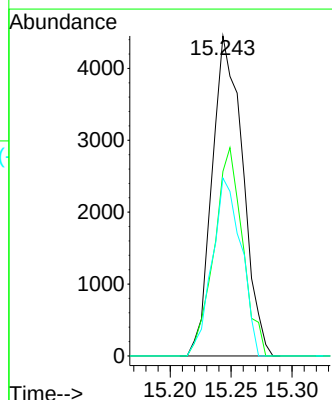
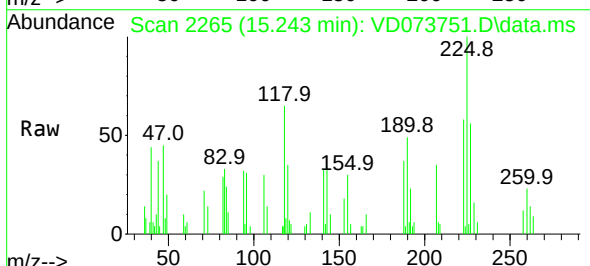
Tgt Ion:225 Resp: 7799

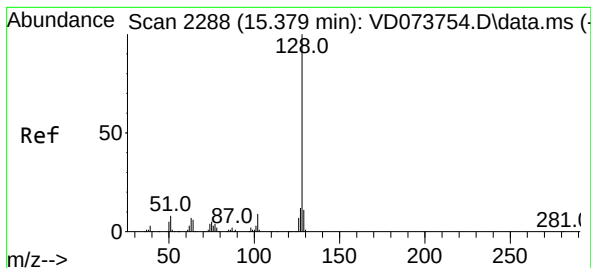
Ion Ratio Lower Upper

225 100

223 60.4 32.6 97.8

227 52.5 32.6 97.8





#95

Naphthalene

Concen: 5.057 ug/l

RT: 15.384 min Scan# 2288

Delta R.T. 0.006 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

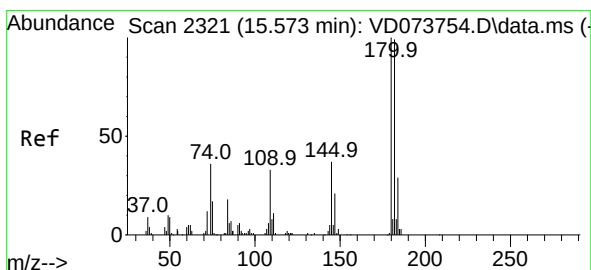
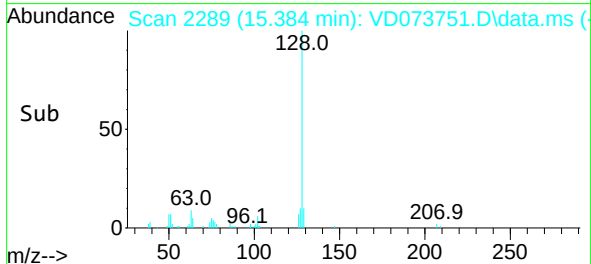
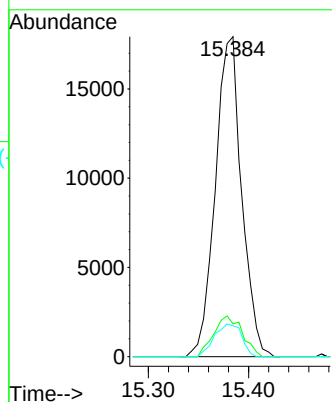
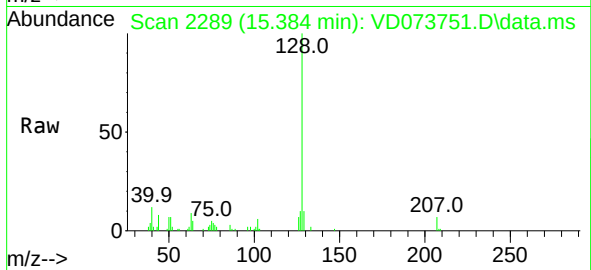
Tgt Ion:128 Resp: 32716

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 10.6 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 5.070 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073751.D

Acq: 30 Jun 2022 15:59

Tgt Ion:180 Resp: 12868

Ion Ratio Lower Upper

180 100

182 97.9 49.0 147.0

145 36.3 17.6 52.8

