

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073876.D
 Acq On : 20 Jul 2022 12:26
 Operator : VA/SY
 Sample : VD0720SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0720SBS01

Quant Time: Jul 20 16:27:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	152165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	254382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	229626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	118635	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	96582	53.154	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.300%	
35) Dibromofluoromethane	7.902	113	97115	54.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.220%	
50) Toluene-d8	10.332	98	350610	53.817	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.640%	
62) 4-Bromofluorobenzene	12.620	95	121075	54.053	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.100%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	32768	22.447	ug/l	98
3) Chloromethane	2.209	50	58945	23.127	ug/l	97
4) Vinyl Chloride	2.344	62	72870	20.779	ug/l	97
5) Bromomethane	2.744	94	38274	16.146	ug/l	96
6) Chloroethane	2.909	64	47959	20.288	ug/l	97
7) Trichlorofluoromethane	3.250	101	94112	30.009	ug/l	100
8) Diethyl Ether	3.709	74	16061	20.878	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.085	101	38119	21.906	ug/l	99
10) Methyl Iodide	4.285	142	36254	21.149	ug/l	98
11) Tert butyl alcohol	5.238	59	10936	86.879	ug/l #	74
12) 1,1-Dichloroethene	4.056	96	34225	22.133	ug/l	84
13) Acrolein	3.914	56	8414	99.758	ug/l	95
14) Allyl chloride	4.703	41	44717	19.812	ug/l #	87
15) Acrylonitrile	5.414	53	33351	106.221	ug/l	96
16) Acetone	4.156	43	29129	97.698	ug/l	90
17) Carbon Disulfide	4.403	76	105365	21.325	ug/l	98
18) Methyl Acetate	4.714	43	19185	25.677	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	80099	21.625	ug/l	94
20) Methylene Chloride	4.961	84	37533	7.126	ug/l	84
21) trans-1,2-Dichloroethene	5.461	96	38775	21.211	ug/l	89
22) Diisopropyl ether	6.356	45	96487	20.088	ug/l #	94
23) Vinyl Acetate	6.297	43	275977	105.265	ug/l #	89
24) 1,1-Dichloroethane	6.250	63	66145	20.850	ug/l	96
25) 2-Butanone	7.203	43	45347	107.156	ug/l	96
26) 2,2-Dichloropropane	7.197	77	59969	21.286	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	43328	21.053	ug/l	91
28) Bromochloromethane	7.544	49	22430	18.844	ug/l #	72
29) Tetrahydrofuran	7.555	42	27809	108.372	ug/l #	84
30) Chloroform	7.703	83	71759	20.550	ug/l	95
31) Cyclohexane	7.979	56	58702	20.332	ug/l #	71
32) 1,1,1-Trichloroethane	7.897	97	69289	21.328	ug/l	97
36) 1,1-Dichloropropene	8.097	75	54749	21.147	ug/l	98
37) Ethyl Acetate	7.291	43	22154	23.798	ug/l #	92
38) Carbon Tetrachloride	8.085	117	58938	19.934	ug/l	94
39) Methylcyclohexane	9.344	83	62966	20.865	ug/l	96
40) Benzene	8.338	78	145487	20.655	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	12045	20.821	ug/l #	83
42) 1,2-Dichloroethane	8.414	62	44925	20.840	ug/l	95
43) Isopropyl Acetate	8.444	43	41996	22.574	ug/l #	95
44) Trichloroethene	9.102	130	44453	22.613	ug/l	86
45) 1,2-Dichloropropane	9.379	63	35371	20.775	ug/l	96
46) Dibromomethane	9.461	93	21990	21.294	ug/l	95
47) Bromodichloromethane	9.649	83	55351	20.701	ug/l	96
48) Methyl methacrylate	9.444	41	19649	21.542	ug/l	89
49) 1,4-Dioxane	9.449	88	4935	456.717	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	103705	111.504	ug/l	96
52) Toluene	10.391	92	99160	20.917	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	51055	21.629	ug/l	94
54) cis-1,3-Dichloropropene	10.079	75	58941	21.580	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	28106	21.396	ug/l	96
56) Ethyl methacrylate	10.649	69	32944	21.662	ug/l	91
57) 1,3-Dichloropropane	10.938	76	49153	22.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	62848	77.284	ug/l	92
59) 2-Hexanone	10.973	43	70438	110.838	ug/l	95
60) Dibromochloromethane	11.132	129	37749	21.213	ug/l	99
61) 1,2-Dibromoethane	11.232	107	27938	21.020	ug/l	95
64) Tetrachloroethene	10.867	164	38871	25.381	ug/l	98
65) Chlorobenzene	11.655	112	105573	22.323	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.732	131	37665	20.956	ug/l	97
67) Ethyl Benzene	11.732	91	186767	21.389	ug/l	98
68) m/p-Xylenes	11.843	106	151562	44.407	ug/l	96
69) o-Xylene	12.167	106	69456	21.737	ug/l	93
70) Styrene	12.185	104	116421	21.312	ug/l	99
71) Bromoform	12.343	173	21211	21.810	ug/l #	95
73) Isopropylbenzene	12.467	105	181623	20.213	ug/l	99
74) N-amyl acetate	12.273	43	38533	21.741	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	33679	21.685	ug/l	98
76) 1,2,3-Trichloropropane	12.761	75	42285	33.219	ug/l #	100
77) Bromobenzene	12.743	156	41686	20.875	ug/l	88
78) n-propylbenzene	12.802	91	230120	20.993	ug/l	98
79) 2-Chlorotoluene	12.896	91	127166	20.680	ug/l	95
80) 1,3,5-Trimethylbenzene	12.943	105	157715	20.823	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.508	75	9020	19.122	ug/l #	94
82) 4-Chlorotoluene	12.990	91	132347	20.352	ug/l	97
83) tert-Butylbenzene	13.208	119	132228	20.418	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	155254	20.579	ug/l	99
85) sec-Butylbenzene	13.385	105	208805	21.382	ug/l	100
86) p-Isopropyltoluene	13.496	119	175611	21.357	ug/l	100
87) 1,3-Dichlorobenzene	13.496	146	87826	21.002	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	88103	21.314	ug/l	98
89) n-Butylbenzene	13.826	91	162554	20.821	ug/l	99
90) Hexachloroethane	14.096	117	27908	17.176	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	77552	21.465	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	5890	22.585	ug/l	93
93) 1,2,4-Trichlorobenzene	15.137	180	45046	20.422	ug/l	97
94) Hexachlorobutadiene	15.249	225	25066	21.444	ug/l	99
95) Naphthalene	15.379	128	86018	21.696	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	41402	22.077	ug/l	98

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QLast Update : Wed Jul 20 15:29:08 2022
Response via : Initial Calibration

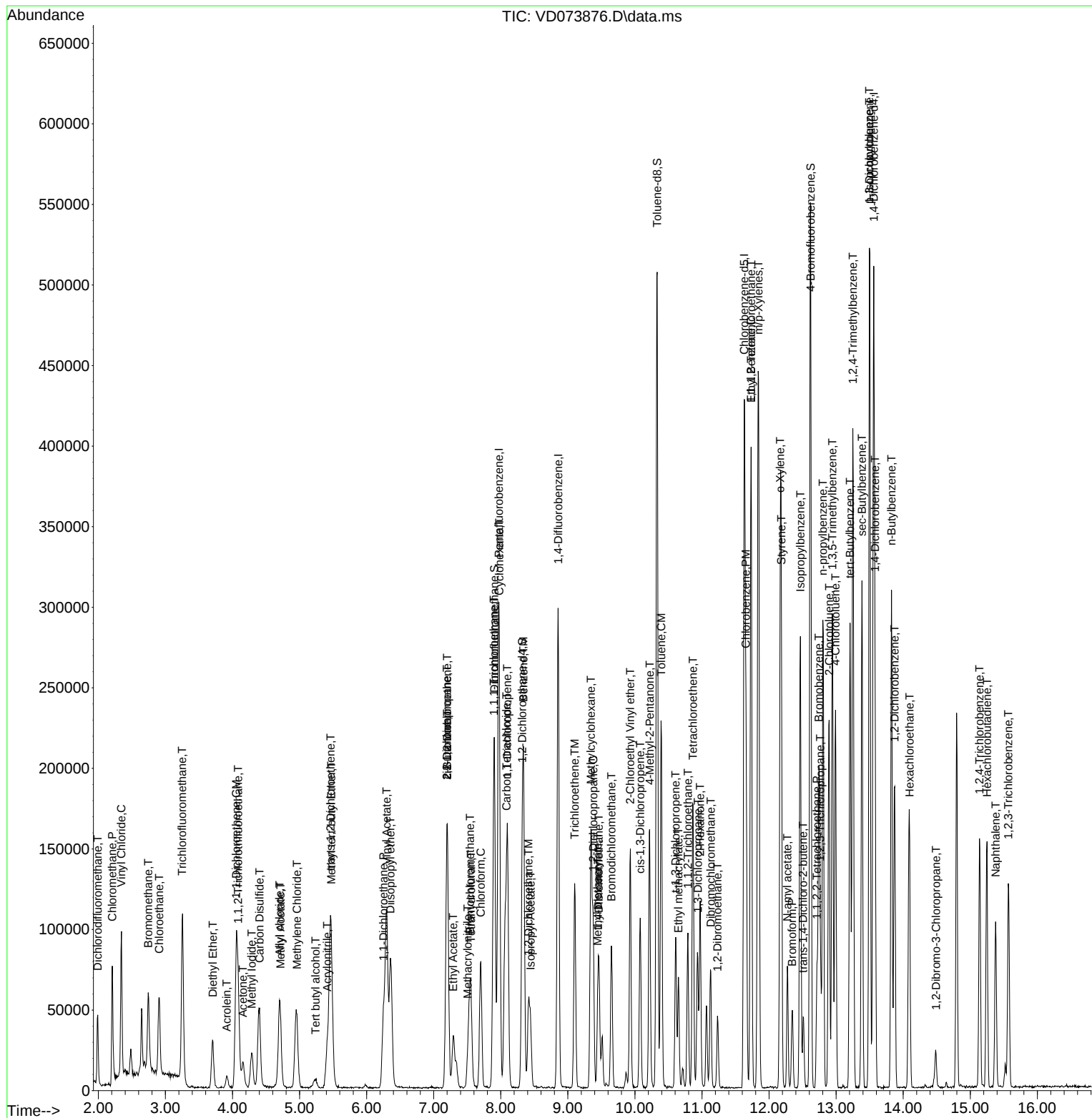
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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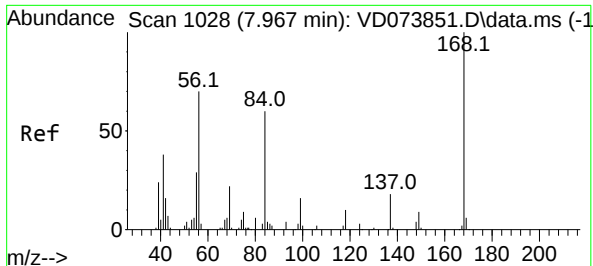
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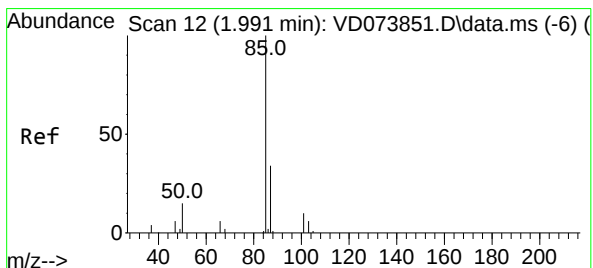
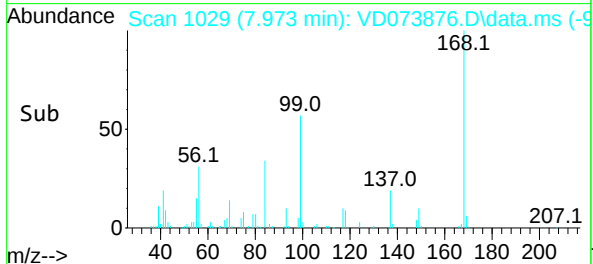
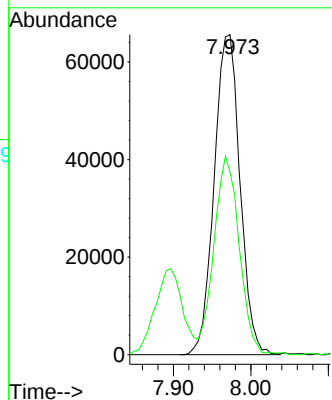
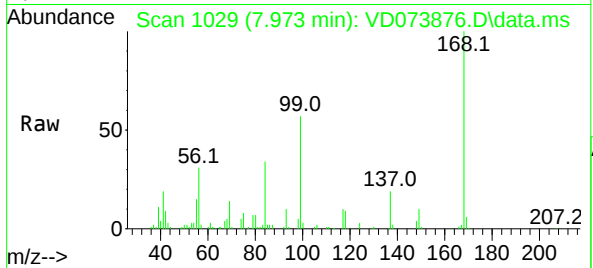




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD073876.D
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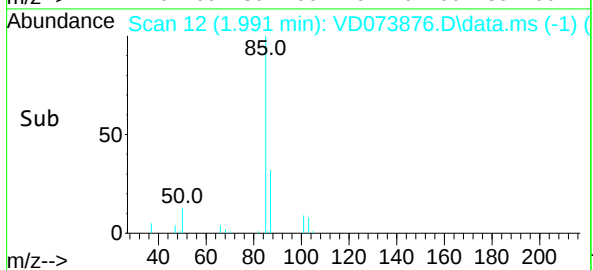
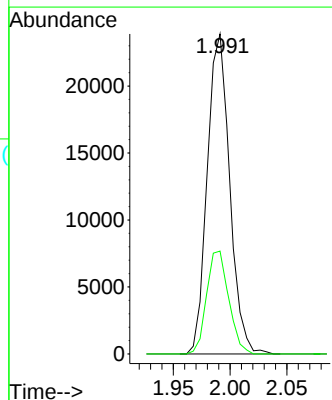
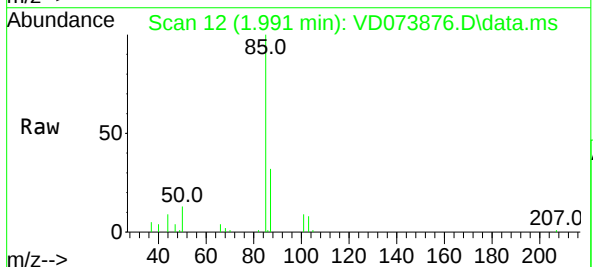
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

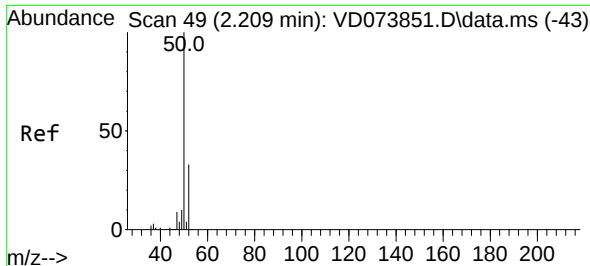
Tgt Ion:168 Resp: 152165
Ion Ratio Lower Upper
168 100
99 56.6 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 22.447 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion: 85 Resp: 32768
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0

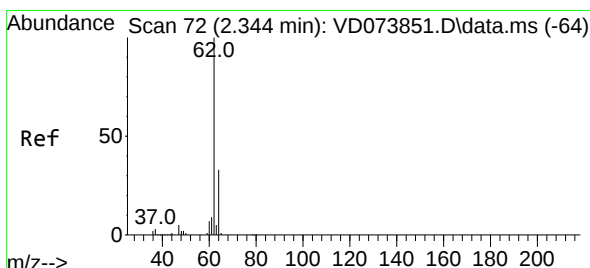
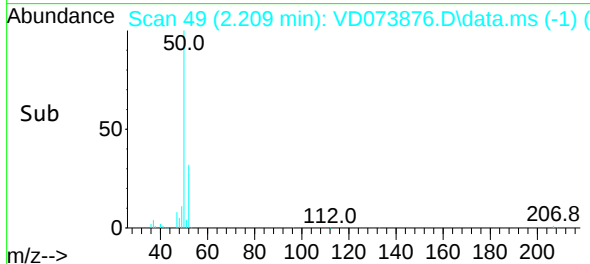
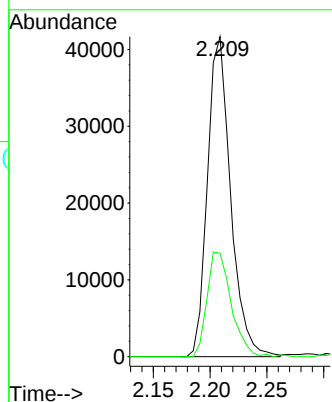
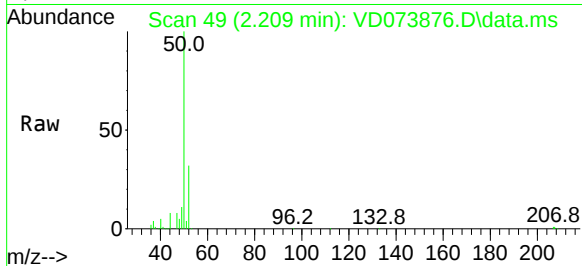




#3
Chloromethane
Concen: 23.127 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

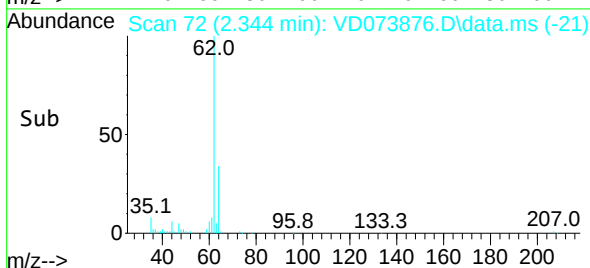
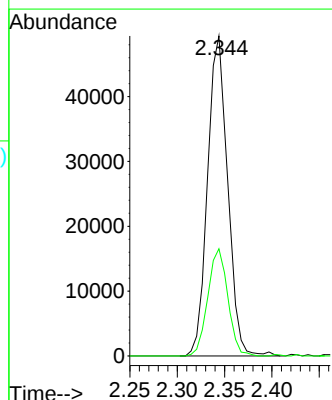
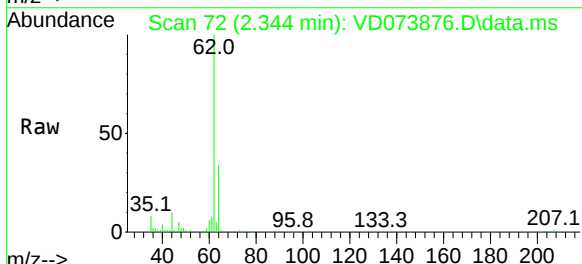
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

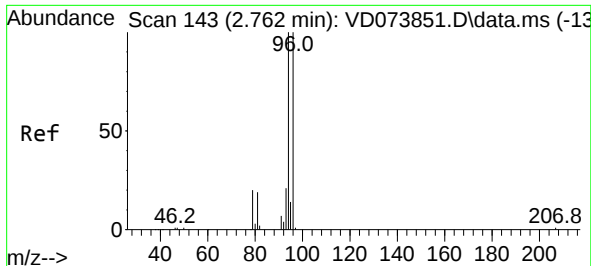
Tgt Ion: 50 Resp: 58945
Ion Ratio Lower Upper
50 100
52 32.3 27.4 41.0



#4
Vinyl Chloride
Concen: 20.779 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion: 62 Resp: 72870
Ion Ratio Lower Upper
62 100
64 33.5 25.4 38.0

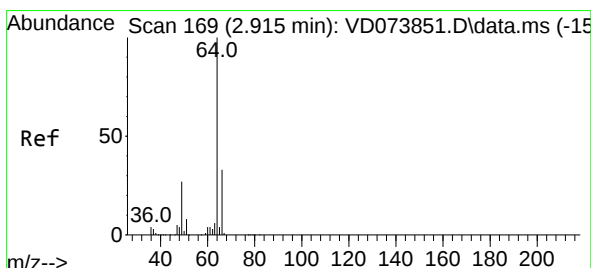
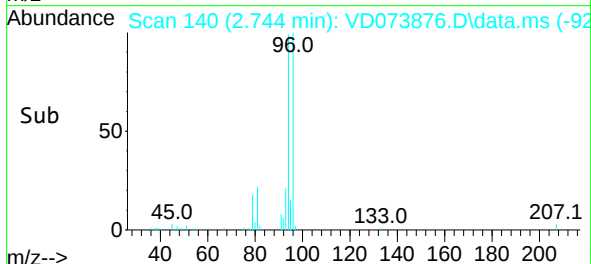
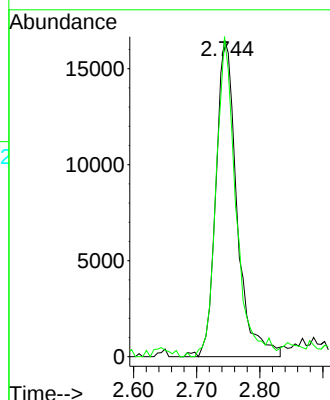
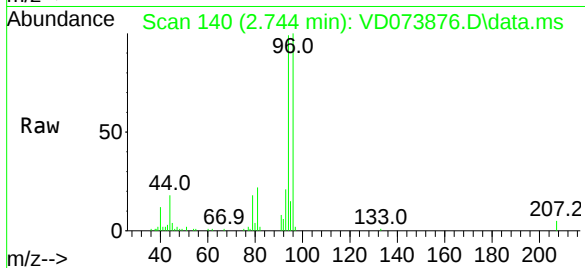




#5
Bromomethane
Concen: 16.146 ug/l
RT: 2.744 min Scan# 14
Delta R.T. -0.018 min
Lab File: VD073876.D
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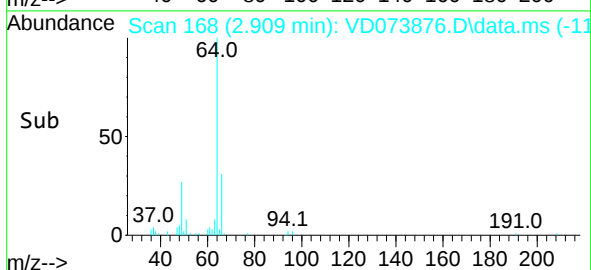
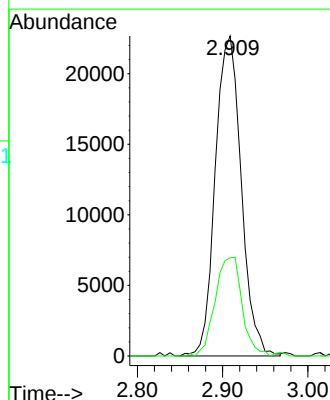
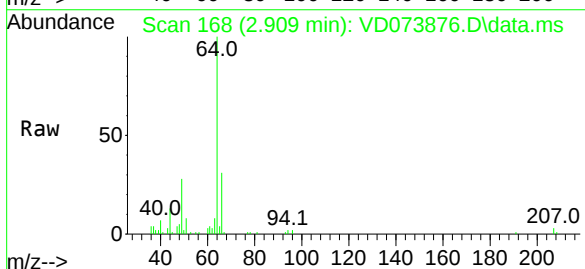
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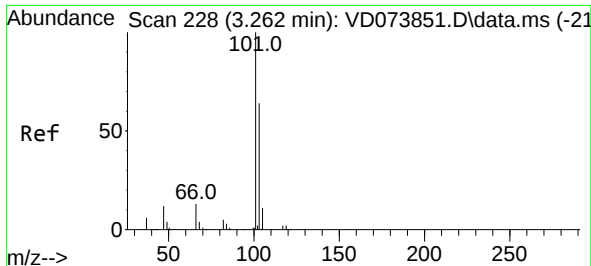
Tgt Ion: 94 Resp: 38274
Ion Ratio Lower Upper
94 100
96 101.0 77.6 116.4



#6
Chloroethane
Concen: 20.288 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD073876.D
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Tgt Ion: 64 Resp: 47959
Ion Ratio Lower Upper
64 100
66 30.7 25.9 38.9

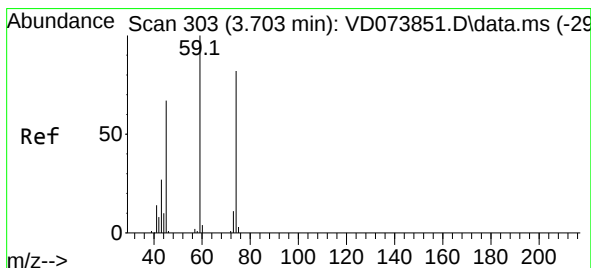
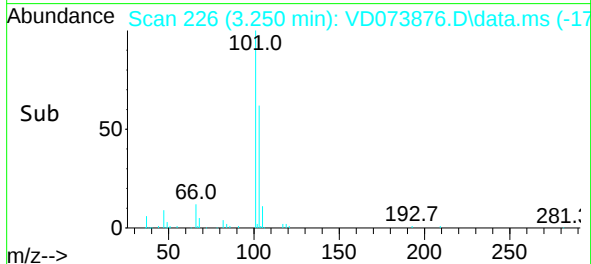
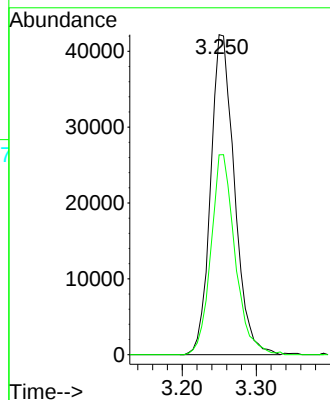
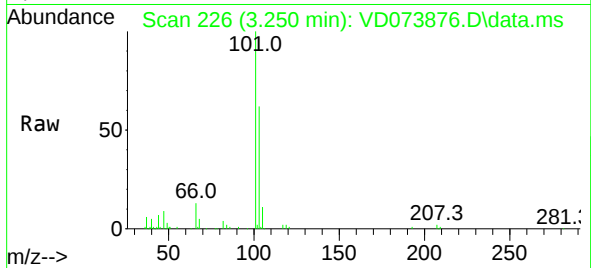




#7
 Trichlorofluoromethane
 Concen: 30.009 ug/l
 RT: 3.250 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VD073876.D
 Acq: 20 Jul 2022 12:26

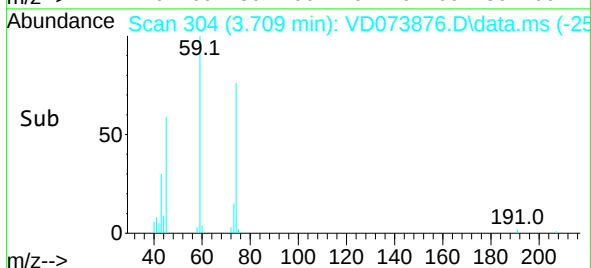
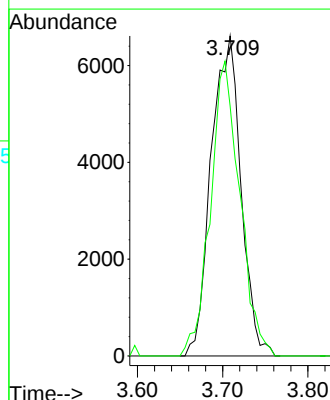
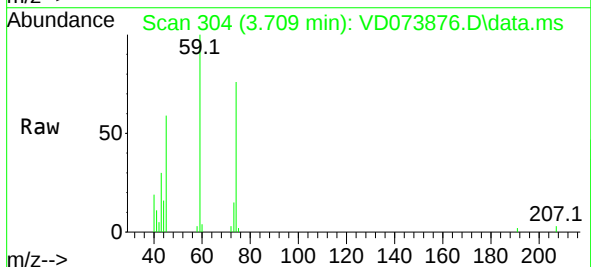
Instrument :
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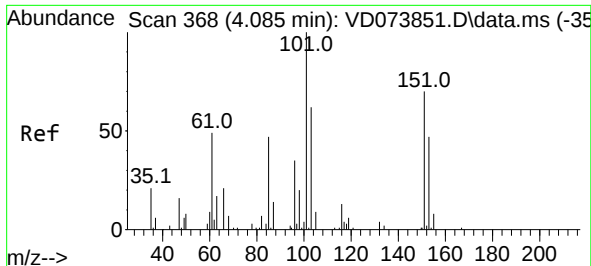
Tgt Ion:101 Resp: 94112
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.1 75.1



#8
 Diethyl Ether
 Concen: 20.878 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.006 min
 Lab File: VD073876.D
 Acq: 20 Jul 2022 12:26

Tgt Ion: 74 Resp: 16061
 Ion Ratio Lower Upper
 74 100
 45 91.0 52.6 157.8

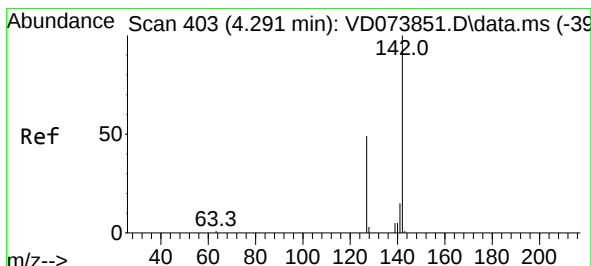
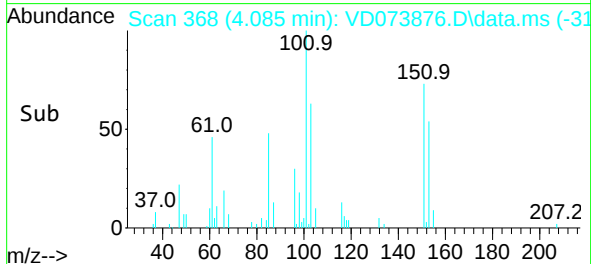
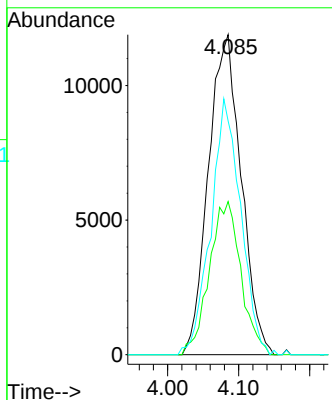
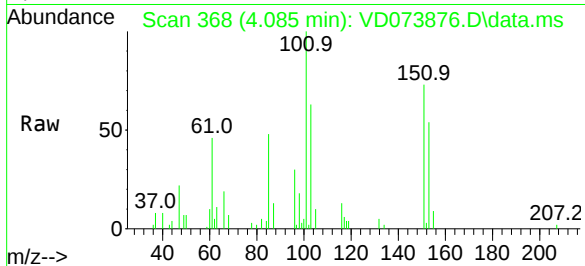




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.906 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

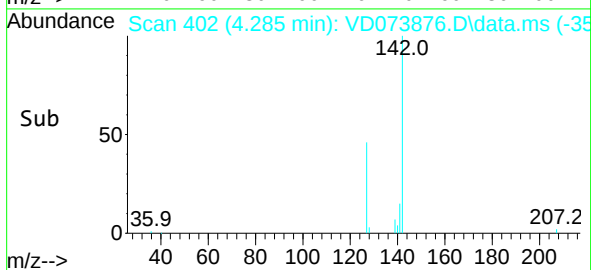
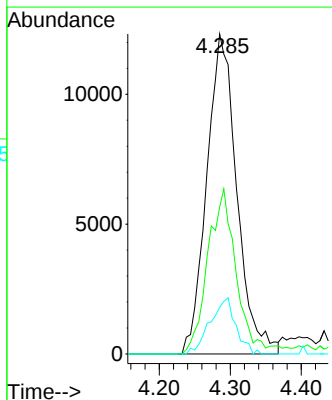
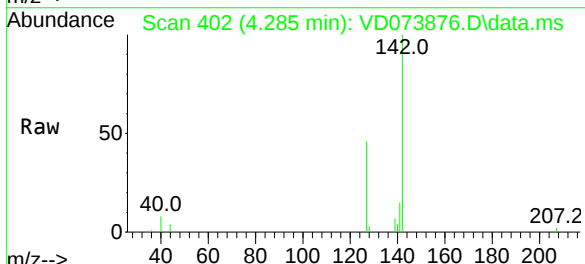
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

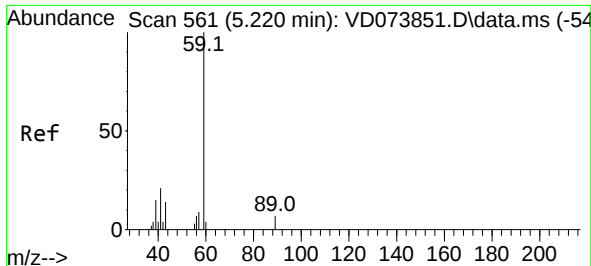
Tgt Ion:101 Resp: 38119
Ion Ratio Lower Upper
101 100
85 46.1 36.4 54.6
151 72.9 57.3 85.9



#10
Methyl Iodide
Concen: 21.149 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.006 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion:142 Resp: 36254
Ion Ratio Lower Upper
142 100
127 48.0 37.3 55.9
141 14.9 11.7 17.5

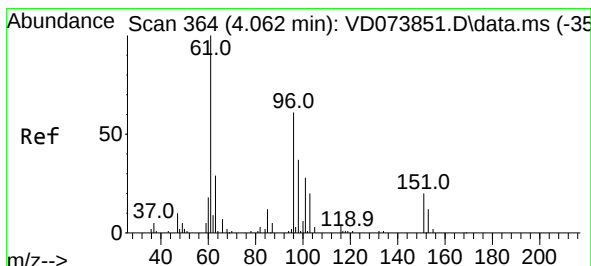
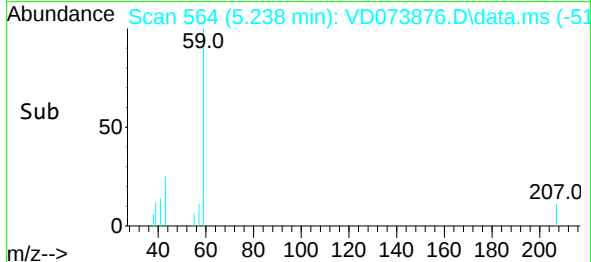
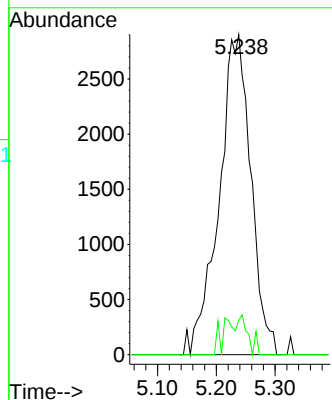
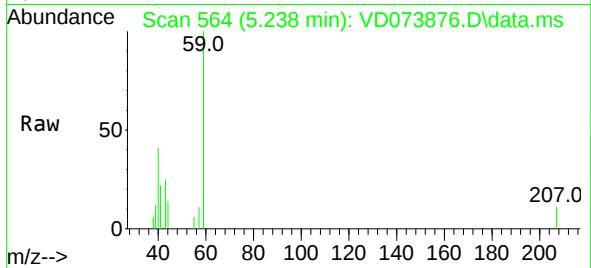




#11
Tert butyl alcohol
Concen: 86.879 ug/l
RT: 5.238 min Scan# 501
Delta R.T. 0.018 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

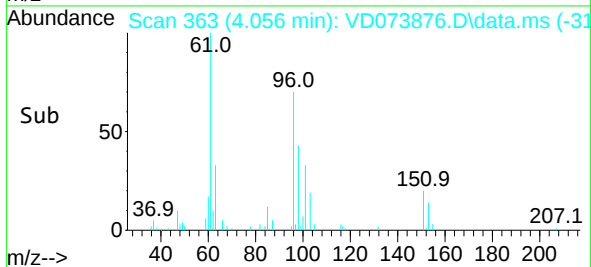
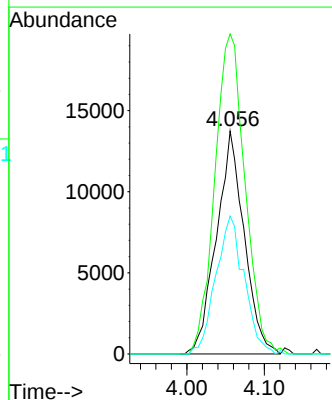
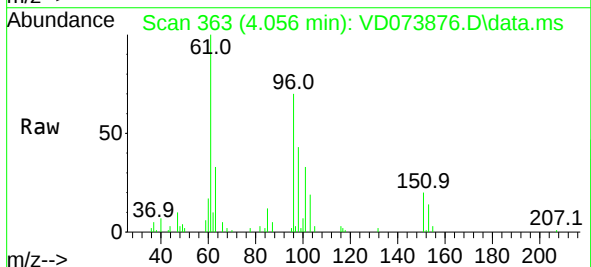
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

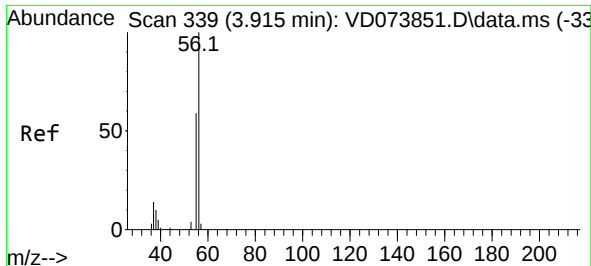
Tgt Ion: 59 Resp: 10936
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 22.133 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.006 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion: 96 Resp: 34225
Ion Ratio Lower Upper
96 100
61 143.6 138.5 207.7
98 61.9 48.6 73.0





#13

Acrolein

Concen: 99.758 ug/l

RT: 3.914 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

Instrument :

MSVOA_D

ClientSampleId :

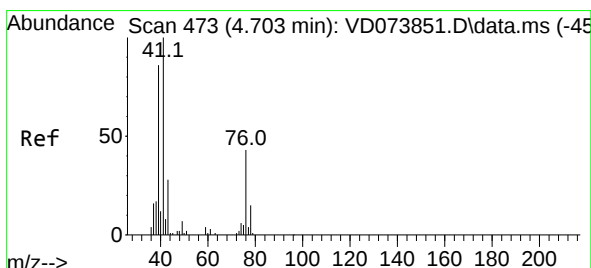
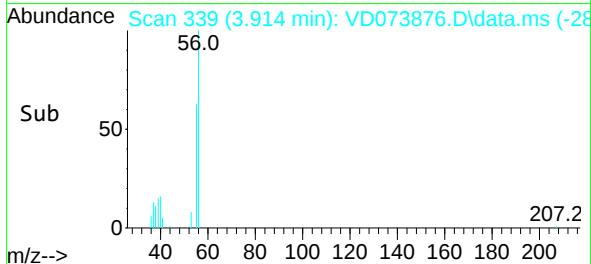
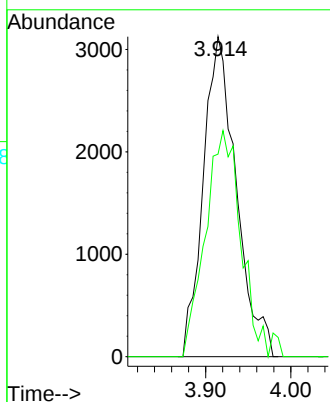
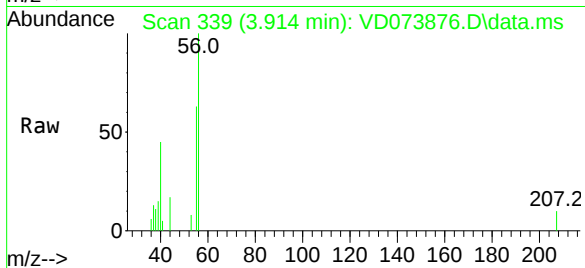
VD0720SBS01

Tgt Ion: 56 Resp: 8414

Ion Ratio Lower Upper

56 100

55 75.4 57.1 85.7



#14

Allyl chloride

Concen: 19.812 ug/l

RT: 4.703 min Scan# 473

Delta R.T. -0.000 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

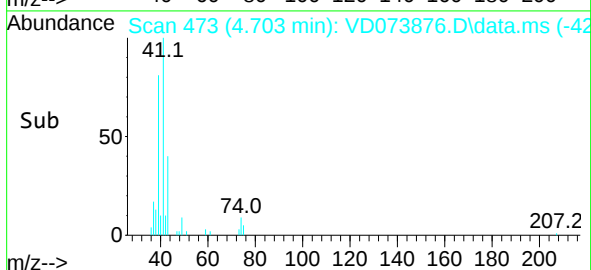
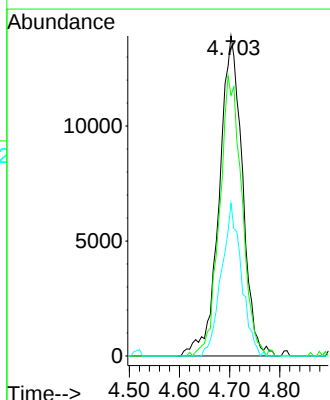
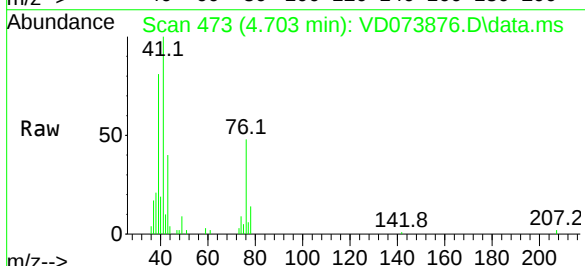
Tgt Ion: 41 Resp: 44717

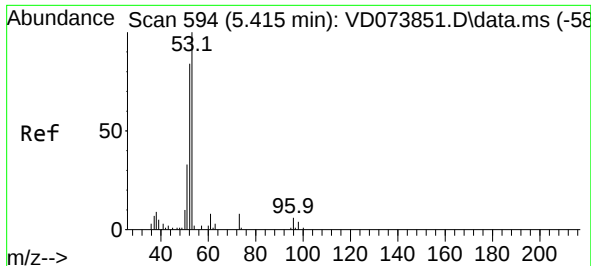
Ion Ratio Lower Upper

41 100

39 84.1 59.3 88.9

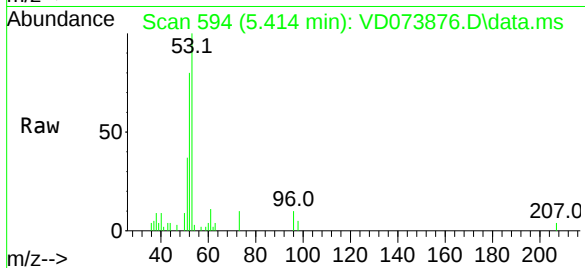
76 41.2 25.7 38.5#



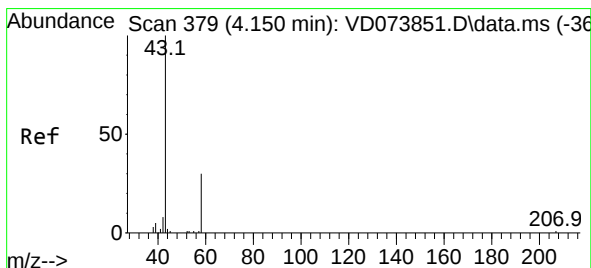
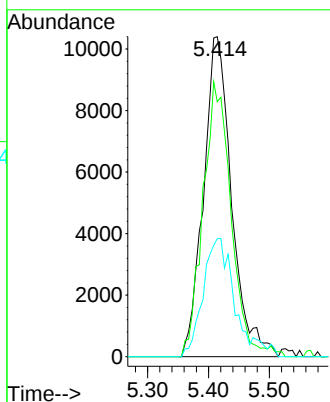
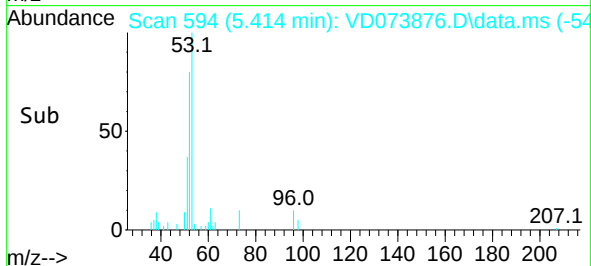


#15
Acrylonitrile
Concen: 106.221 ug/l
RT: 5.414 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

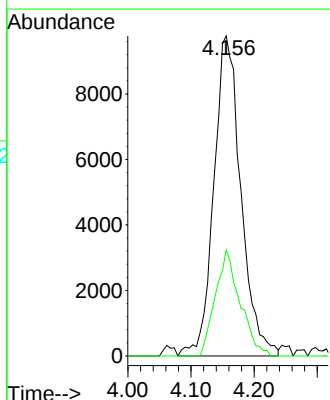
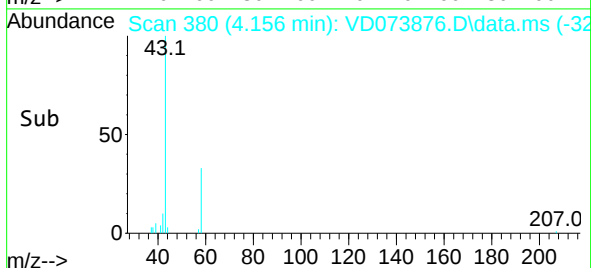
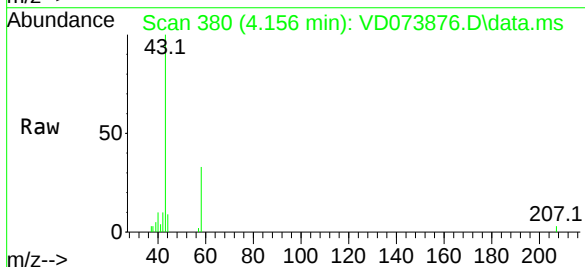


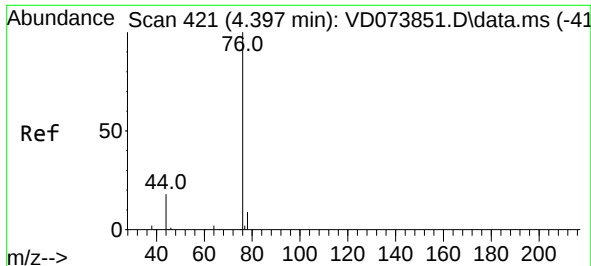
Tgt Ion: 53	Resp: 33351
Ion Ratio	Lower Upper
53 100	
52 86.2	67.2 100.8
51 41.8	30.3 45.5



#16
Acetone
Concen: 97.698 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion: 43	Resp: 29129
Ion Ratio	Lower Upper
43 100	
58 33.1	22.1 33.1

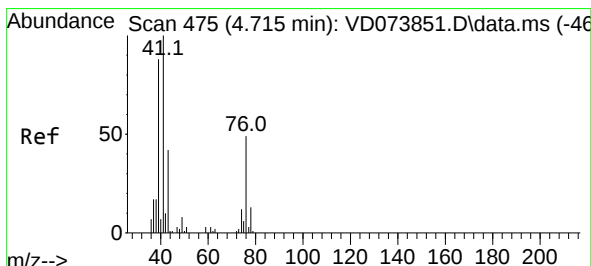
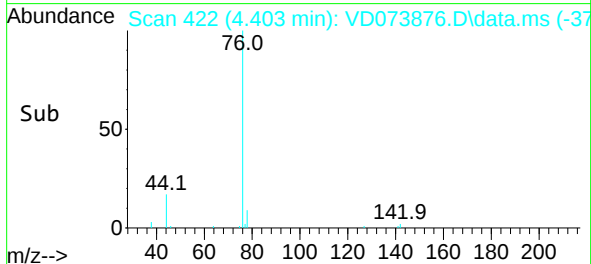
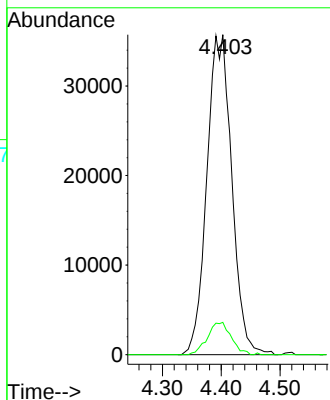
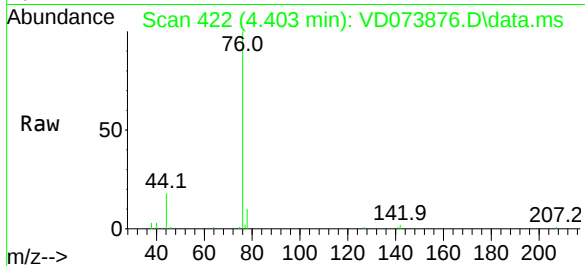




#17
Carbon Disulfide
Concen: 21.325 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

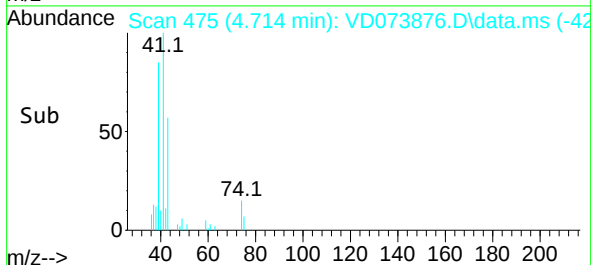
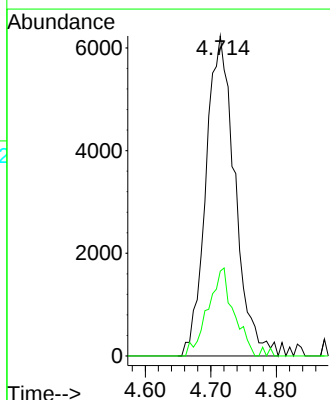
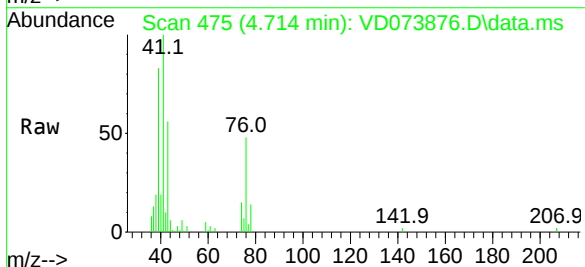
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

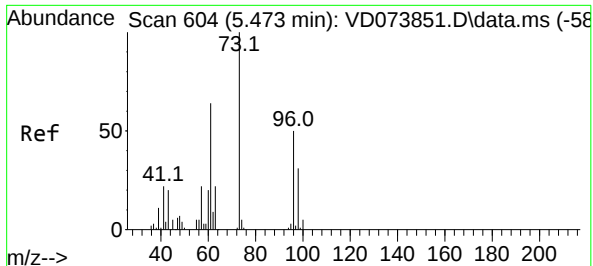
Tgt Ion: 76 Resp: 105365
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3



#18
Methyl Acetate
Concen: 25.677 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion: 43 Resp: 19185
Ion Ratio Lower Upper
43 100
74 24.3 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 21.625 ug/l

RT: 5.473 min Scan# 604

Delta R.T. -0.000 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

Instrument :

MSVOA_D

ClientSampleId :

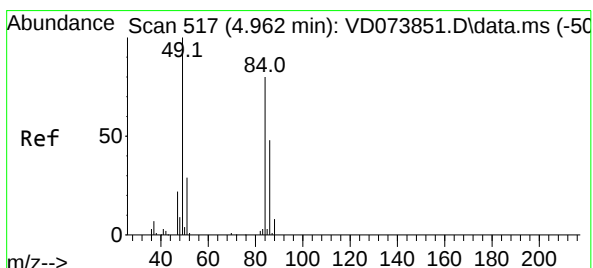
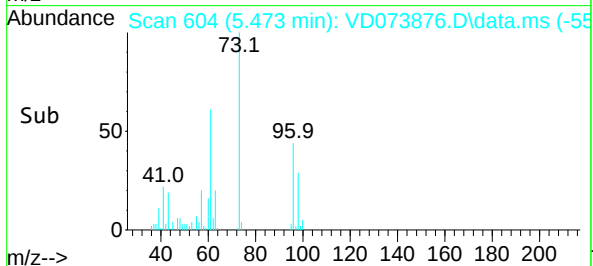
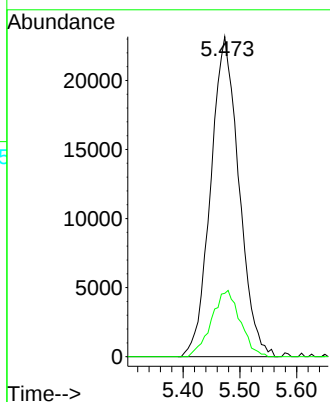
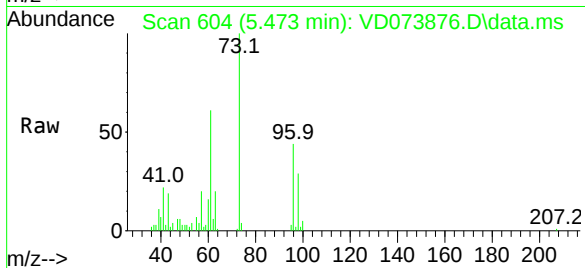
VD0720SBS01

Tgt Ion: 73 Resp: 80099

Ion Ratio Lower Upper

73 100

57 19.8 18.0 27.0



#20

Methylene Chloride

Concen: 7.126 ug/l

RT: 4.961 min Scan# 517

Delta R.T. -0.001 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

Tgt Ion: 84 Resp: 37533

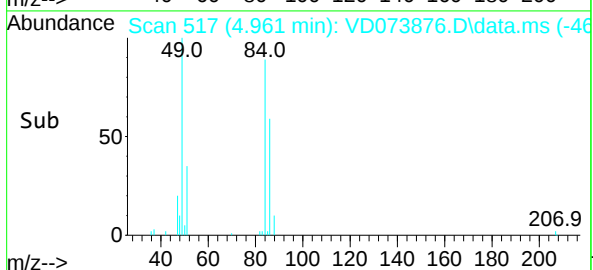
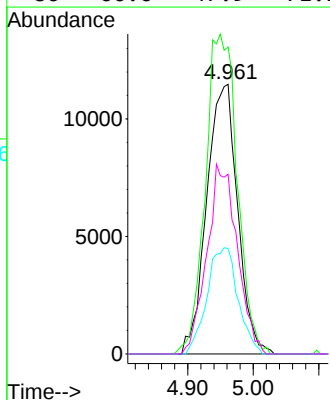
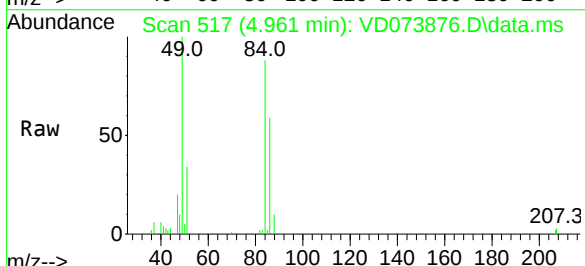
Ion Ratio Lower Upper

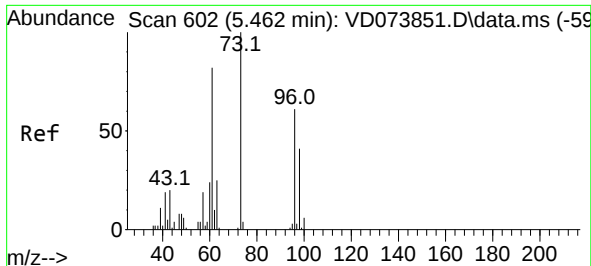
84 100

49 113.8 112.8 169.2

51 39.1 32.6 48.8

86 66.6 47.9 71.9

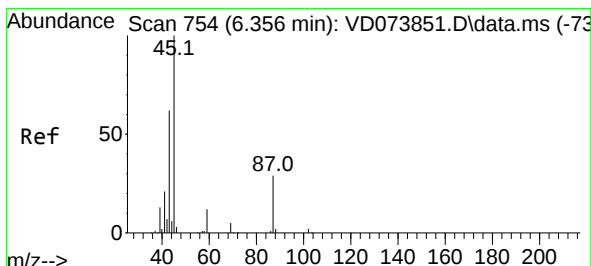
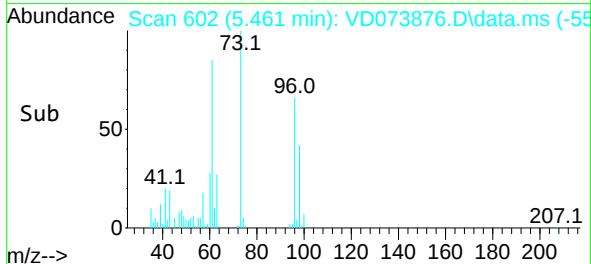
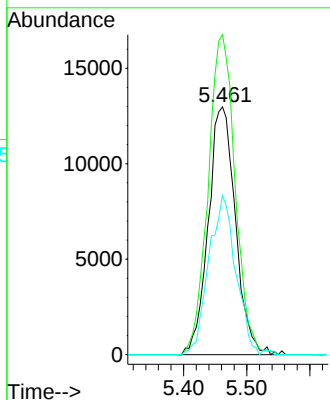
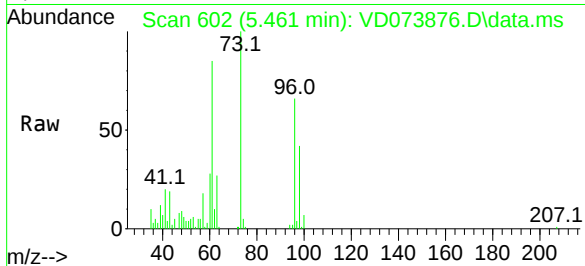




#21
trans-1,2-Dichloroethene
Concen: 21.211 ug/l
RT: 5.461 min Scan# 602
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

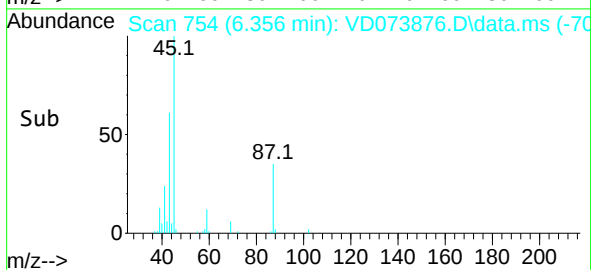
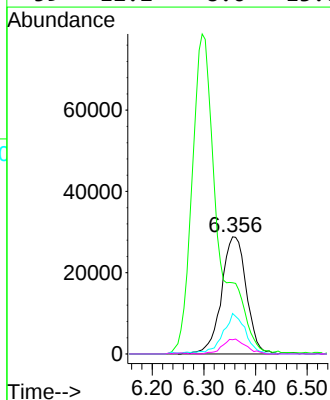
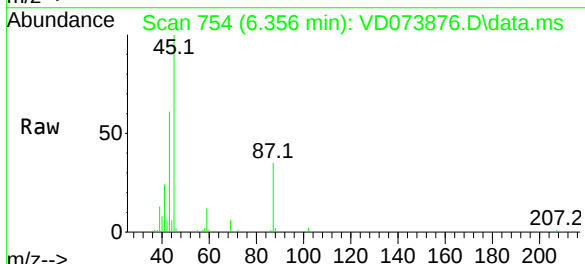
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

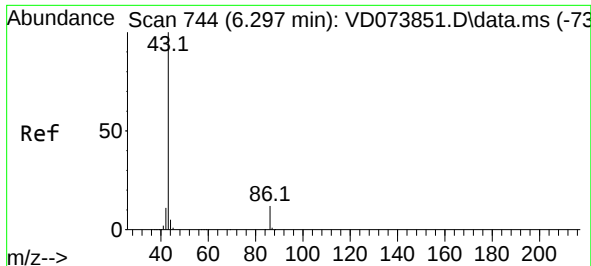
Tgt Ion: 96 Resp: 38775
Ion Ratio Lower Upper
96 100
61 129.1 117.9 176.9
98 64.2 49.4 74.2



#22
Diisopropyl ether
Concen: 20.088 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion: 45 Resp: 96487
Ion Ratio Lower Upper
45 100
43 58.4 46.6 70.0
87 34.6 18.4 27.6#
59 12.2 8.6 13.0

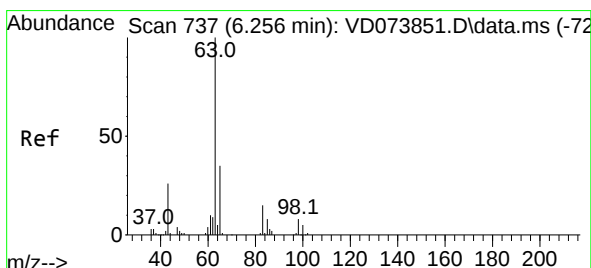
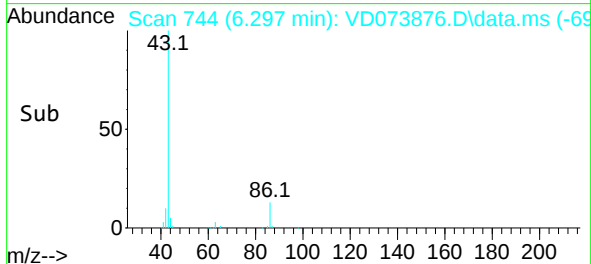
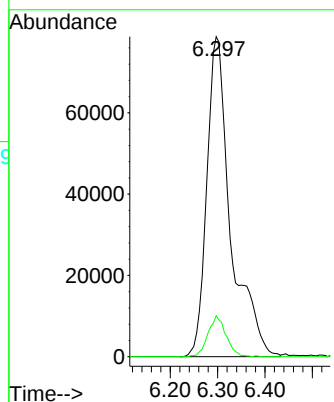
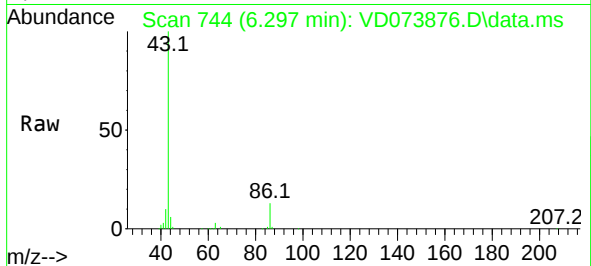




#23
 Vinyl Acetate
 Concen: 105.265 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073876.D
 Acq: 20 Jul 2022 12:26

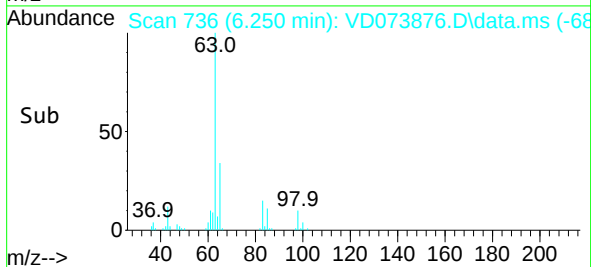
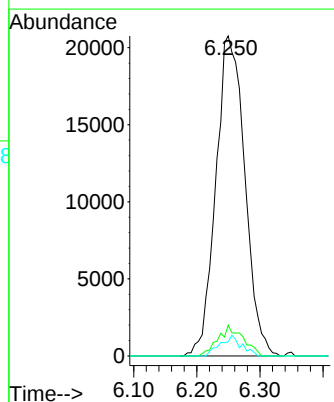
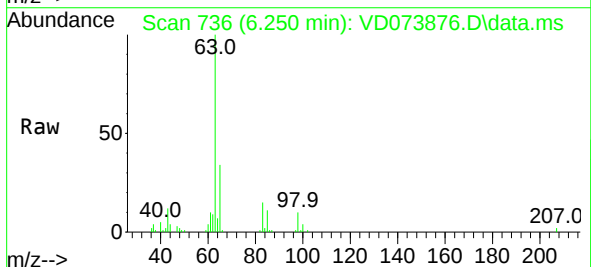
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0720SBS01

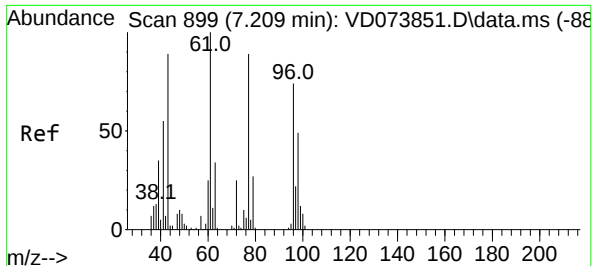
Tgt Ion: 43 Resp: 275977
 Ion Ratio Lower Upper
 43 100
 86 12.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.850 ug/l
 RT: 6.250 min Scan# 736
 Delta R.T. -0.006 min
 Lab File: VD073876.D
 Acq: 20 Jul 2022 12:26

Tgt Ion: 63 Resp: 66145
 Ion Ratio Lower Upper
 63 100
 98 9.7 3.6 10.9
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 107.156 ug/l

RT: 7.203 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

Instrument :

MSVOA_D

ClientSampleId :

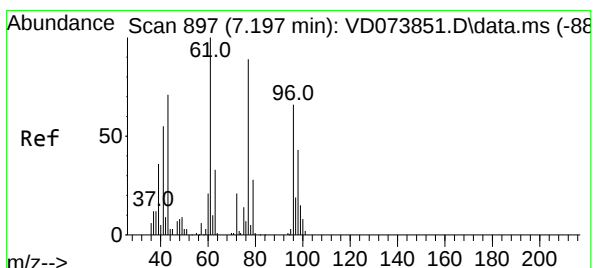
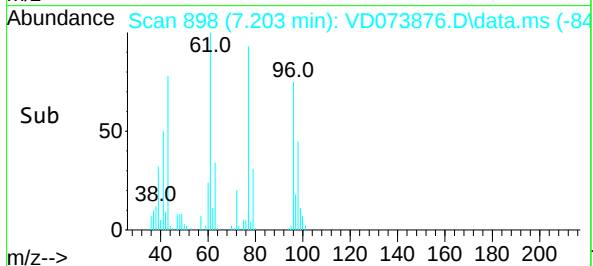
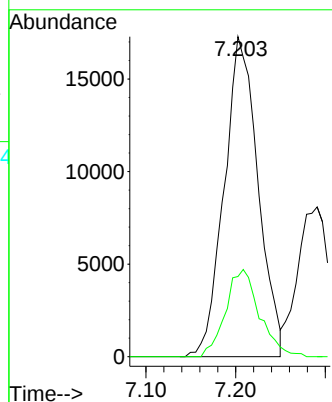
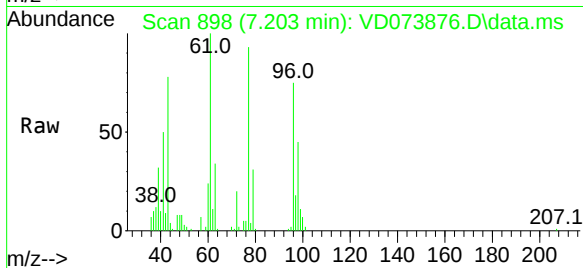
VD0720SBS01

Tgt Ion: 43 Resp: 45347

Ion Ratio Lower Upper

43 100

72 25.1 18.6 27.8



#26

2,2-Dichloropropane

Concen: 21.286 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.000 min

Lab File: VD073876.D

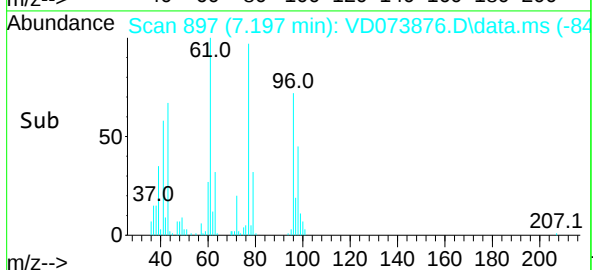
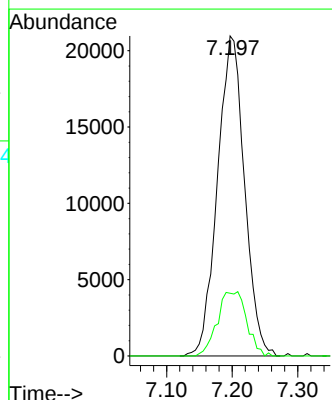
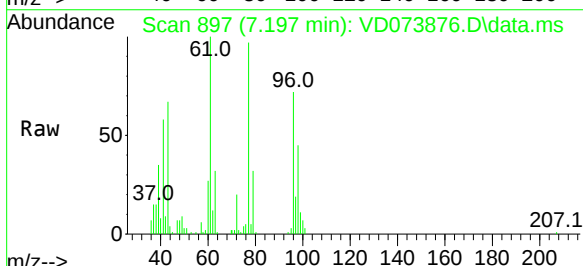
Acq: 20 Jul 2022 12:26

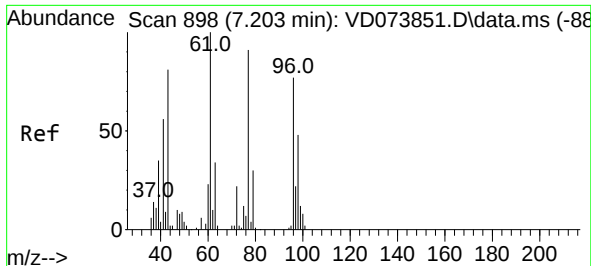
Tgt Ion: 77 Resp: 59969

Ion Ratio Lower Upper

77 100

97 21.8 10.8 32.4

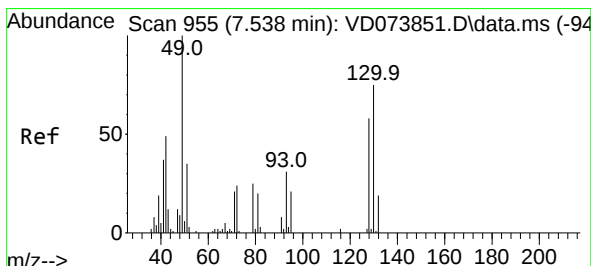
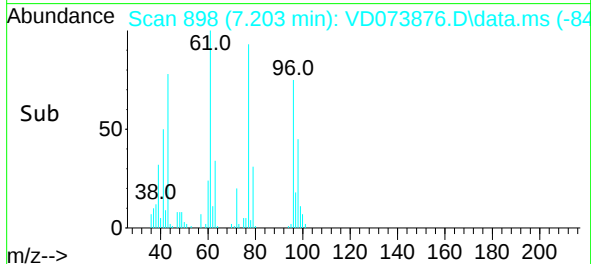
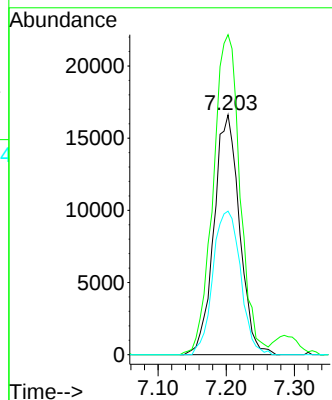
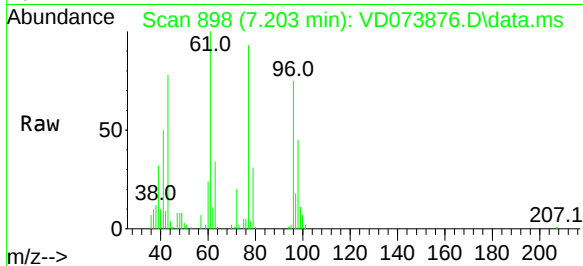




#27
 cis-1,2-Dichloroethene
 Concen: 21.053 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. -0.000 min
 Lab File: VD073876.D
 Acq: 20 Jul 2022 12:26

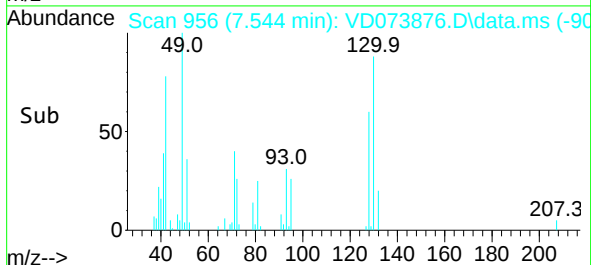
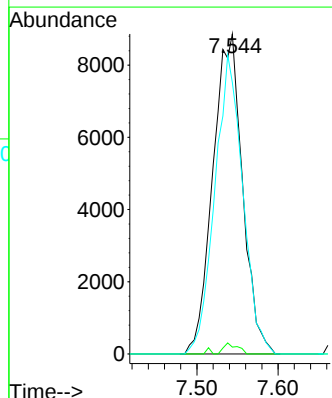
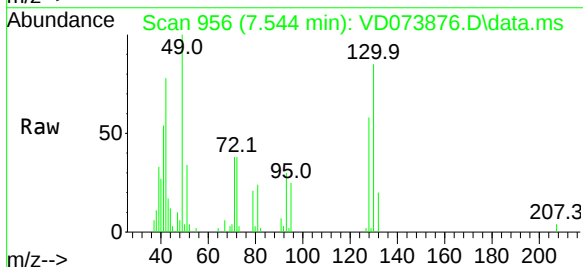
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0720SBS01

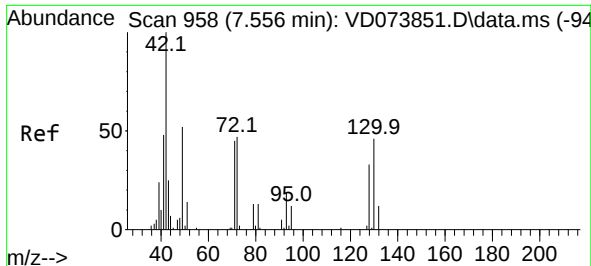
Tgt Ion: 96 Resp: 43328
 Ion Ratio Lower Upper
 96 100
 61 140.7 0.0 313.8
 98 64.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 18.844 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.006 min
 Lab File: VD073876.D
 Acq: 20 Jul 2022 12:26

Tgt Ion: 49 Resp: 22430
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.0
 130 88.4 52.6 79.0#





#29

Tetrahydrofuran

Concen: 108.372 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS01

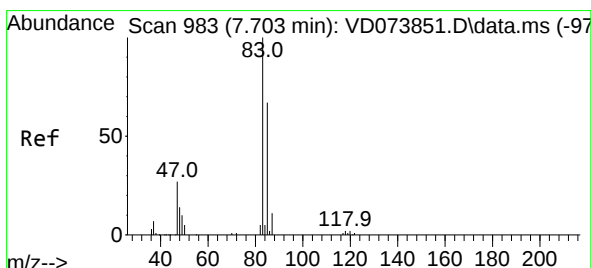
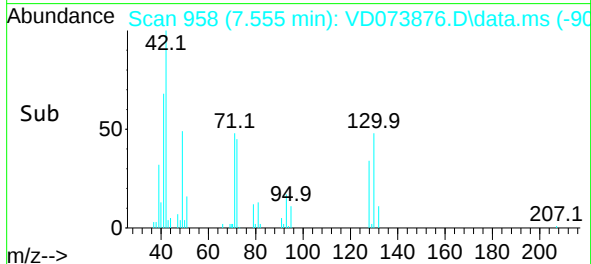
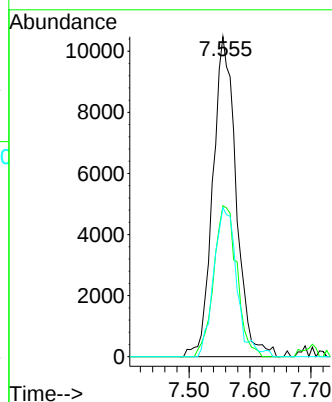
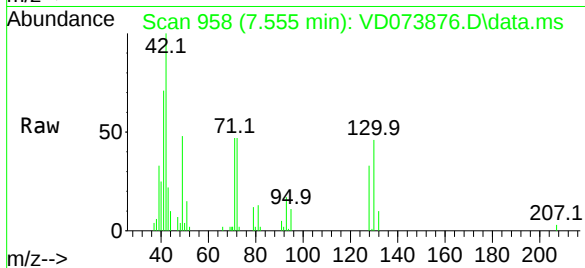
Tgt Ion: 42 Resp: 27809

Ion Ratio Lower Upper

42 100

72 46.9 30.7 46.1#

71 45.9 28.6 43.0#



#30

Chloroform

Concen: 20.550 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.000 min

Lab File: VD073876.D

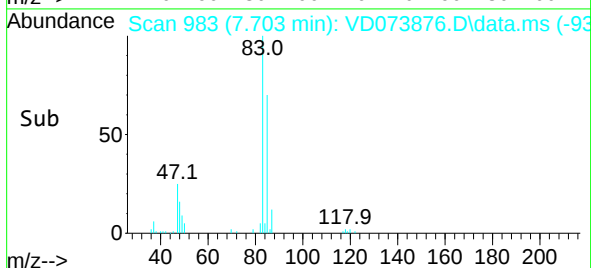
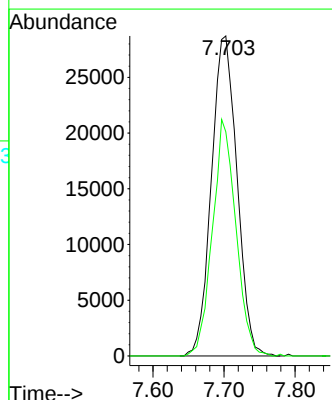
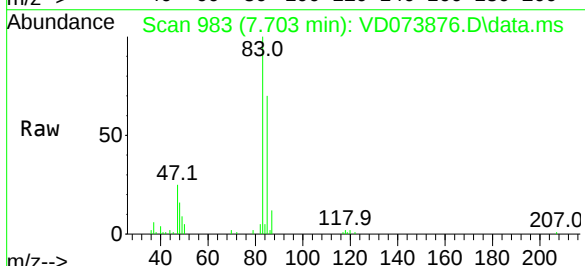
Acq: 20 Jul 2022 12:26

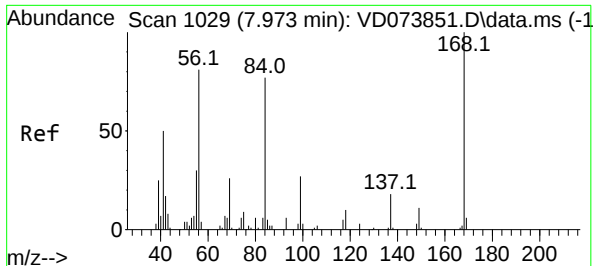
Tgt Ion: 83 Resp: 71759

Ion Ratio Lower Upper

83 100

85 70.1 52.7 79.1





#31

Cyclohexane

Concen: 20.332 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS01

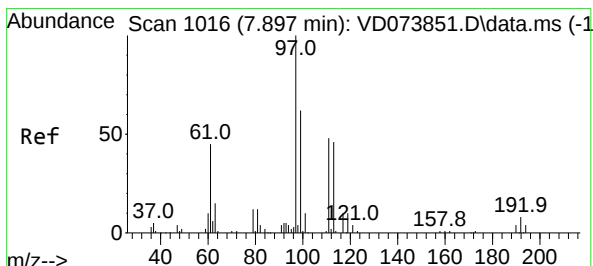
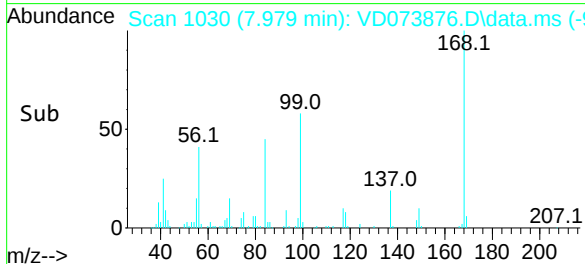
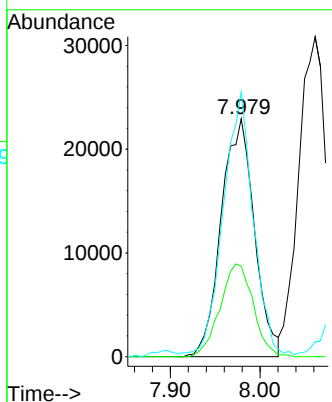
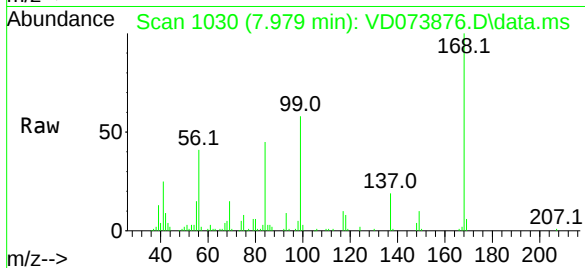
Tgt Ion: 56 Resp: 58702

Ion Ratio Lower Upper

56 100

69 38.0 25.4 38.2

84 110.0 63.0 94.4#



#32

1,1,1-Trichloroethane

Concen: 21.328 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.000 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

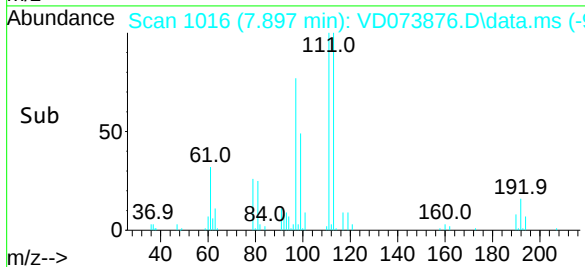
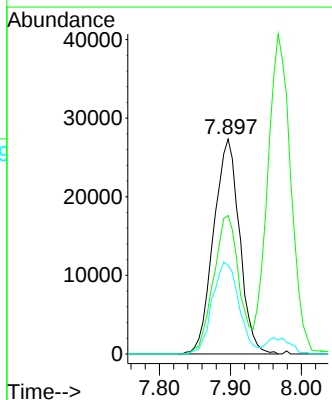
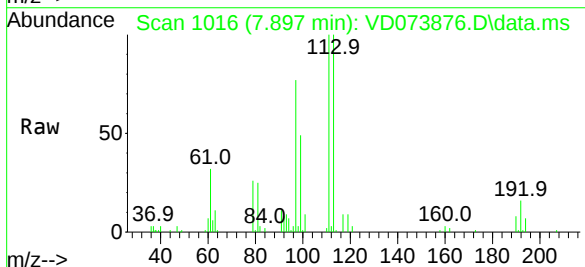
Tgt Ion: 97 Resp: 69289

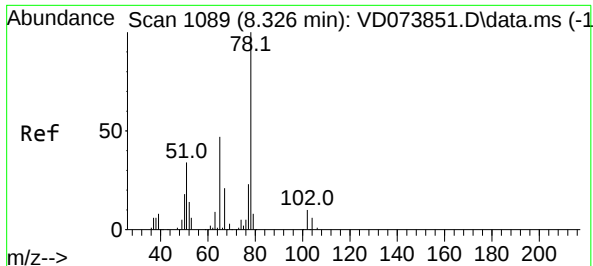
Ion Ratio Lower Upper

97 100

99 64.1 52.4 78.6

61 44.1 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 53.154 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

Instrument :

MSVOA_D

ClientSampleId :

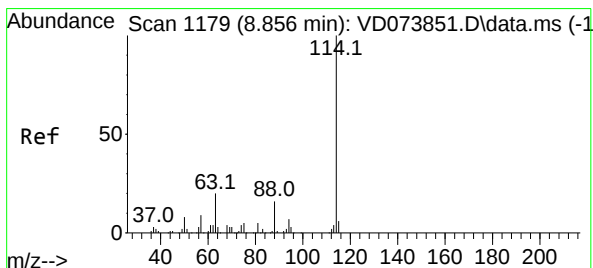
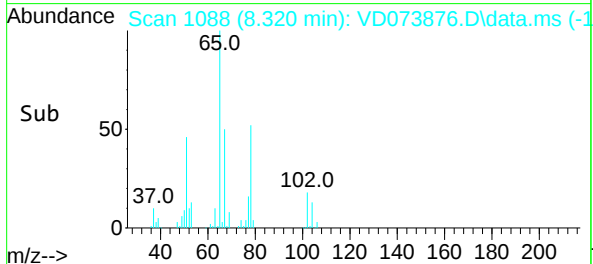
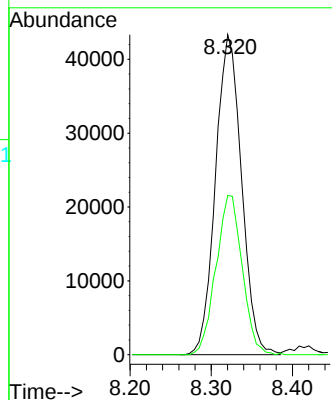
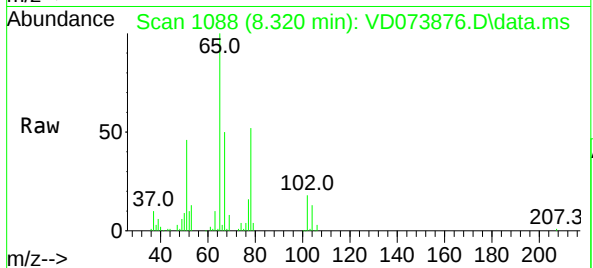
VD0720SBS01

Tgt Ion: 65 Resp: 96582

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

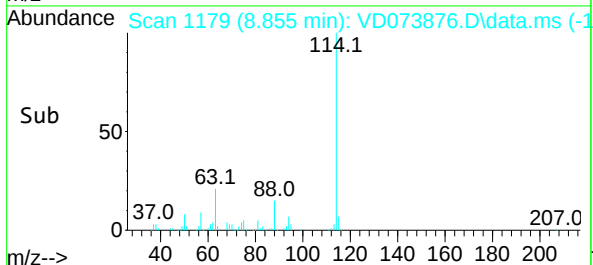
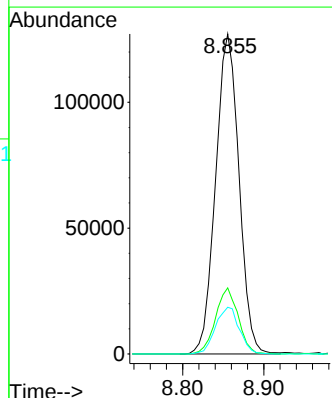
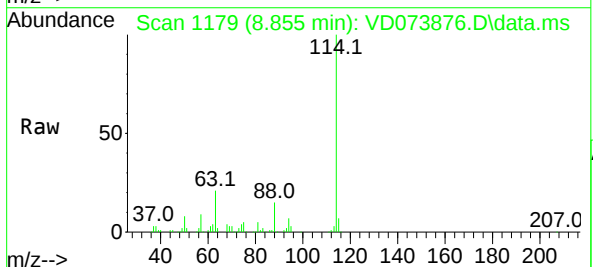
Tgt Ion: 114 Resp: 254382

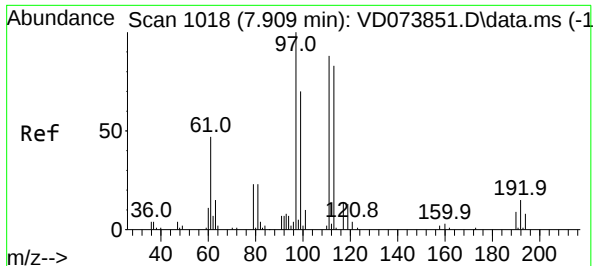
Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 14.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.115 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

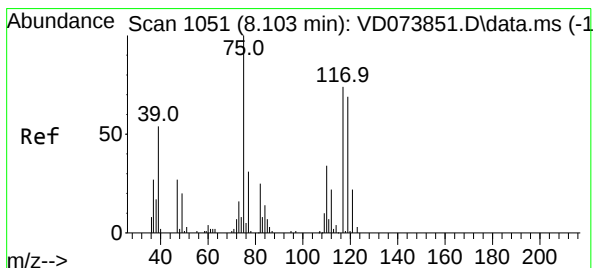
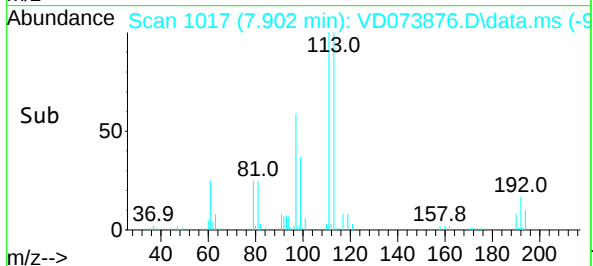
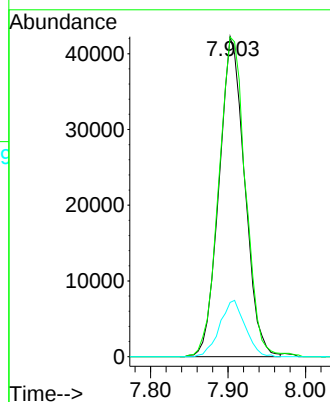
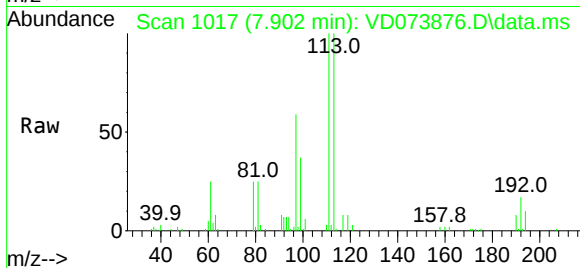
Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS01

Tgt Ion:	113	Resp:	97115
Ion Ratio	Lower	Upper	
113	100		
111	104.1	83.8	125.6
192	17.5	14.6	21.8



#36

1,1-Dichloropropene

Concen: 21.147 ug/l

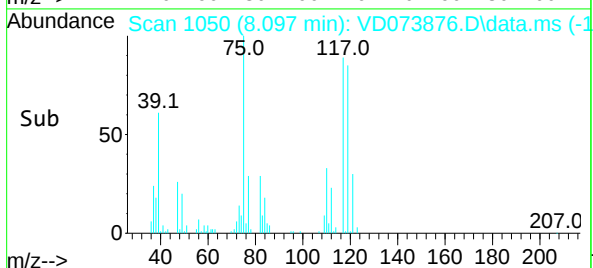
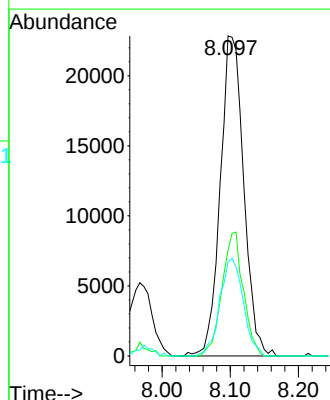
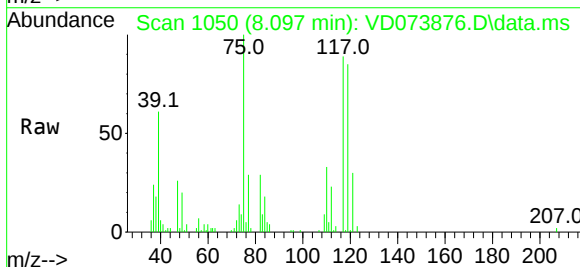
RT: 8.097 min Scan# 1050

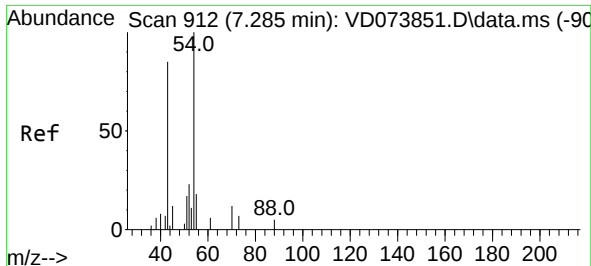
Delta R.T. -0.006 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

Tgt Ion:	75	Resp:	54749
Ion Ratio	Lower	Upper	
75	100		
110	35.2	16.4	49.1
77	30.4	24.2	36.2

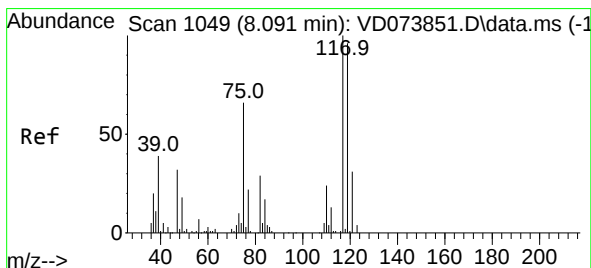
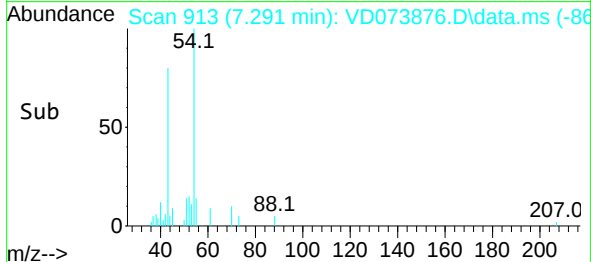
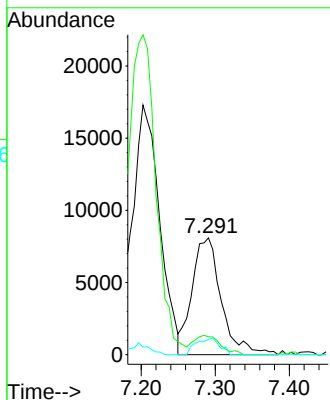
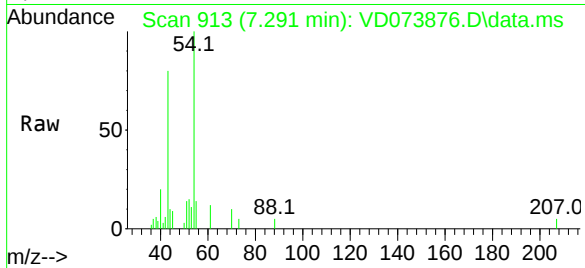




#37
Ethyl Acetate
Concen: 23.798 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

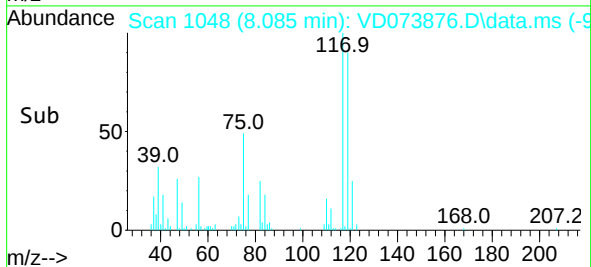
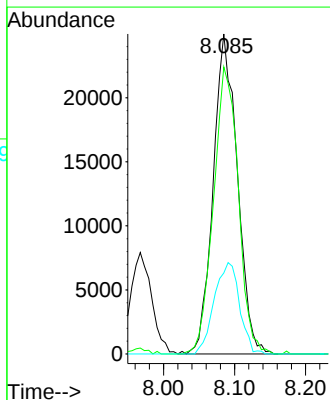
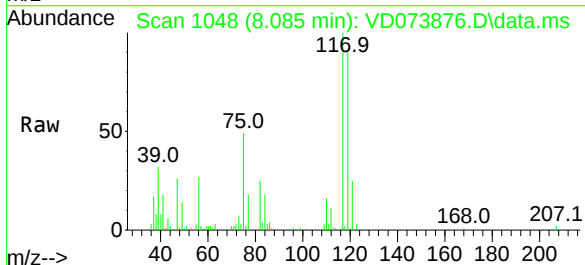
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

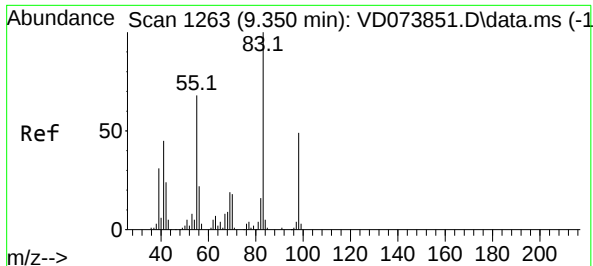
Tgt Ion: 43 Resp: 22154
Ion Ratio Lower Upper
43 100
61 15.2 9.8 14.8#
70 11.5 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 19.934 ug/l
RT: 8.085 min Scan# 1048
Delta R.T. -0.006 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion: 117 Resp: 58938
Ion Ratio Lower Upper
117 100
119 89.7 75.8 113.6
121 25.3 24.5 36.7





#39

Methylcyclohexane

Concen: 20.865 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS01

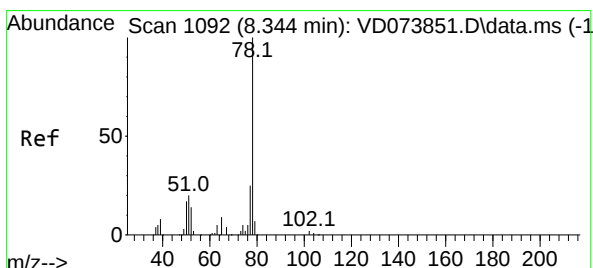
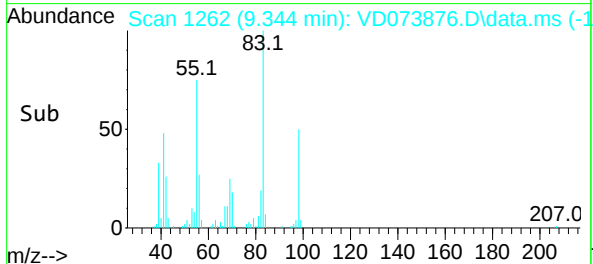
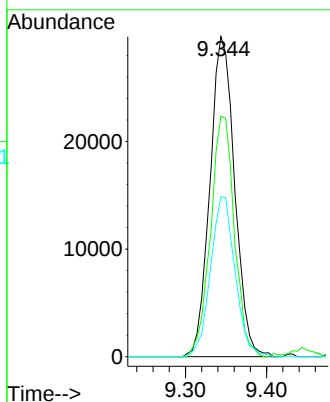
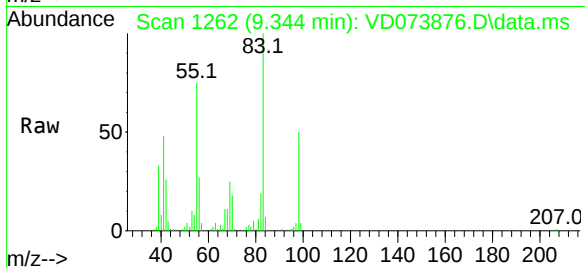
Tgt Ion: 83 Resp: 62966

Ion Ratio Lower Upper

83 100

55 75.2 63.2 94.8

98 50.0 38.2 57.4



#40

Benzene

Concen: 20.655 ug/l

RT: 8.338 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD073876.D

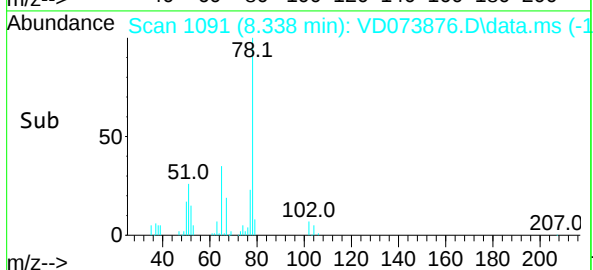
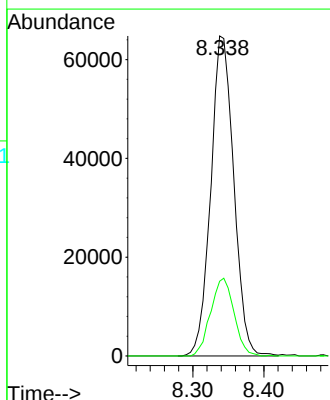
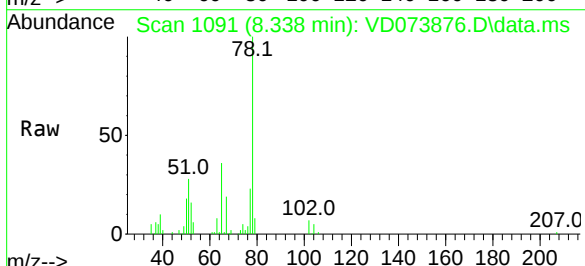
Acq: 20 Jul 2022 12:26

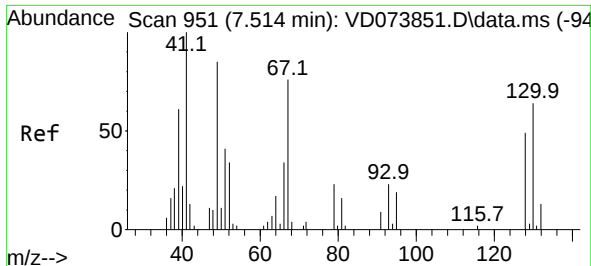
Tgt Ion: 78 Resp: 145487

Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7

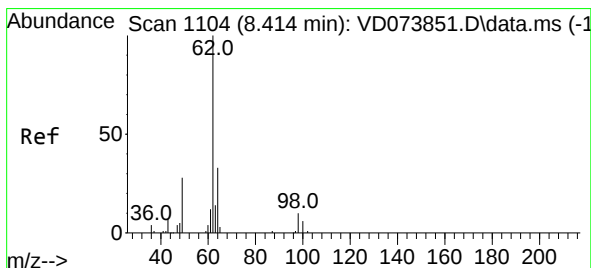
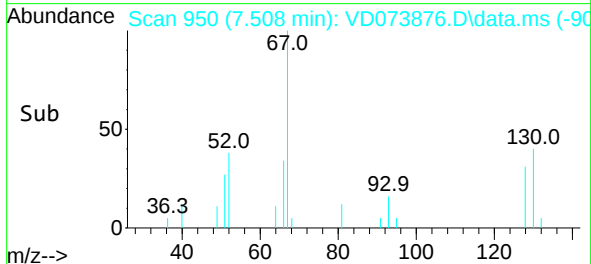
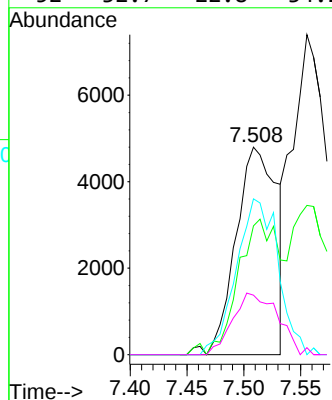
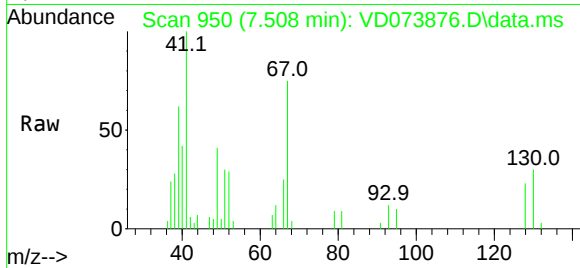




#41
Methacrylonitrile
Concen: 20.821 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

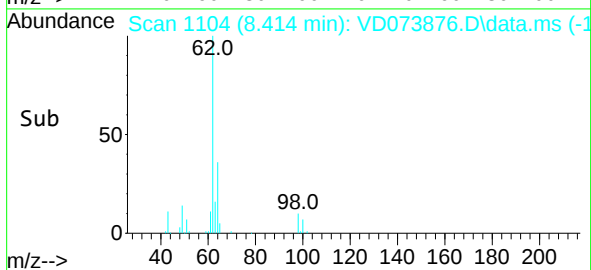
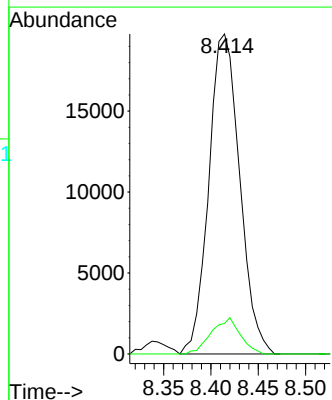
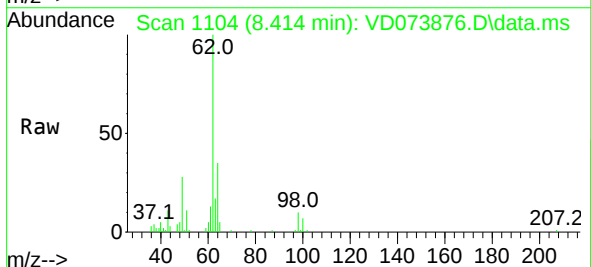
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

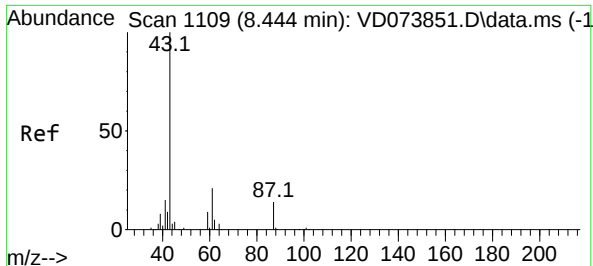
Tgt Ion:	41	Resp:	12045
Ion	Ratio	Lower	Upper
41	100		
39	68.0	44.6	67.0#
67	76.7	48.2	72.4#
52	32.7	22.8	34.2



#42
1,2-Dichloroethane
Concen: 20.840 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion:	62	Resp:	44925
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	17.6

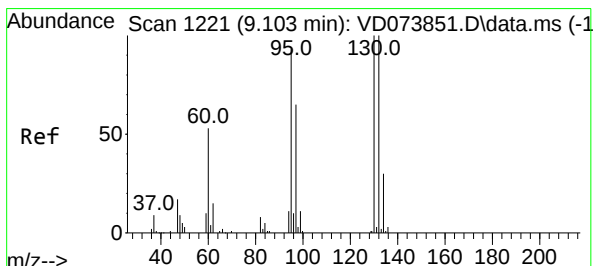
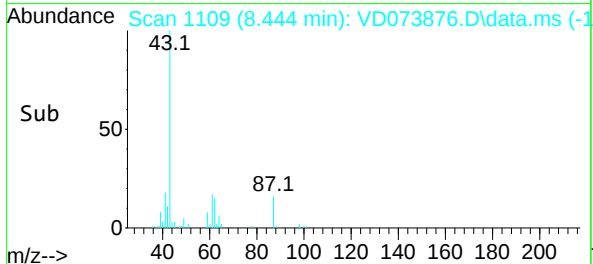
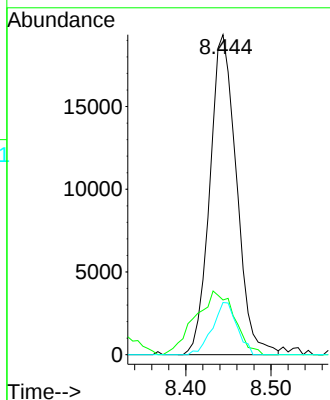
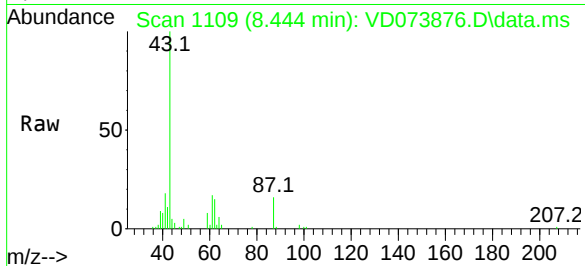




#43
Isopropyl Acetate
Concen: 22.574 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

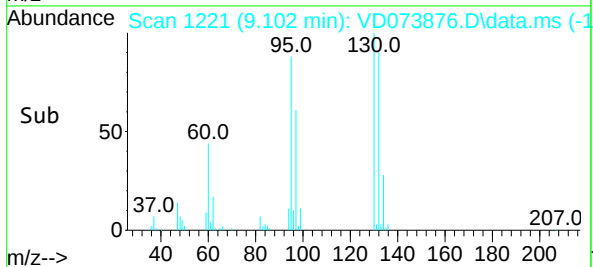
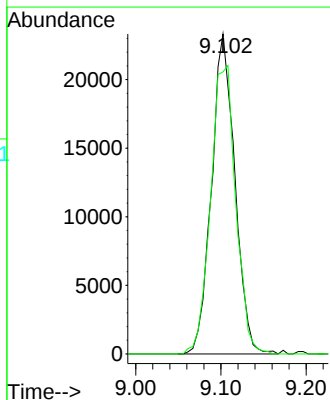
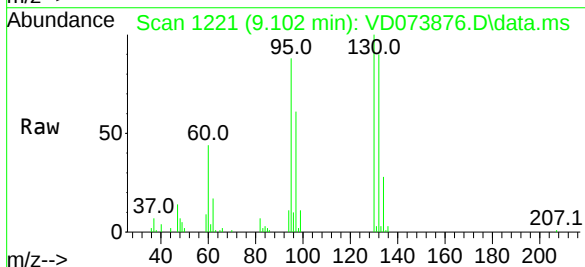
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

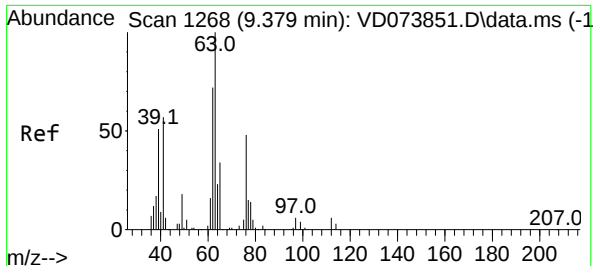
Tgt Ion: 43 Resp: 41996
Ion Ratio Lower Upper
43 100
61 29.3 22.4 33.6
87 15.1 8.7 13.1#



#44
Trichloroethene
Concen: 22.613 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion:130 Resp: 44453
Ion Ratio Lower Upper
130 100
95 88.2 0.0 205.4





#45

1,2-Dichloropropane

Concen: 20.775 ug/l

RT: 9.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

Instrument :

MSVOA_D

ClientSampleId :

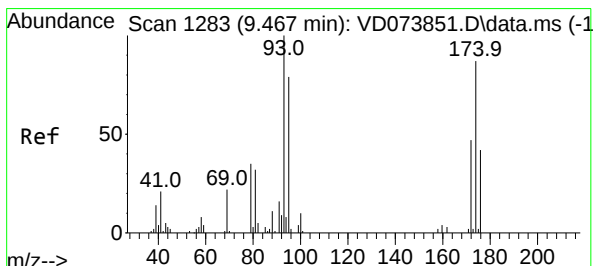
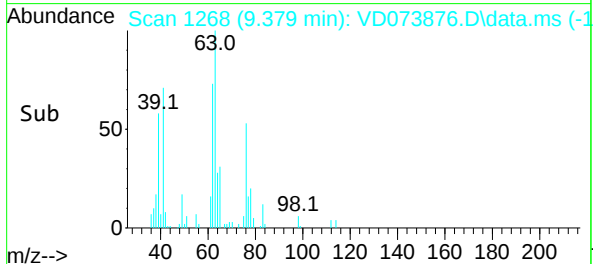
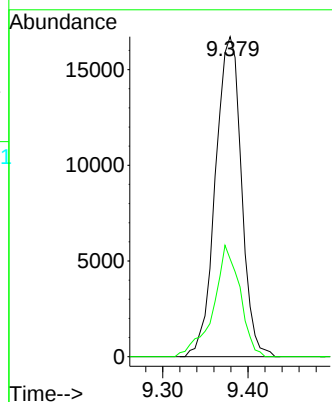
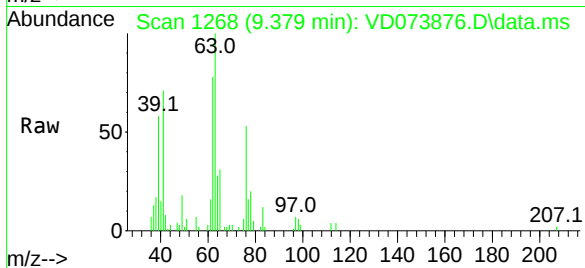
VD0720SBS01

Tgt Ion: 63 Resp: 35371

Ion Ratio Lower Upper

63 100

65 30.6 26.2 39.4



#46

Dibromomethane

Concen: 21.294 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

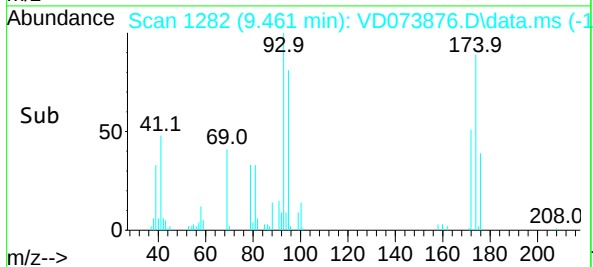
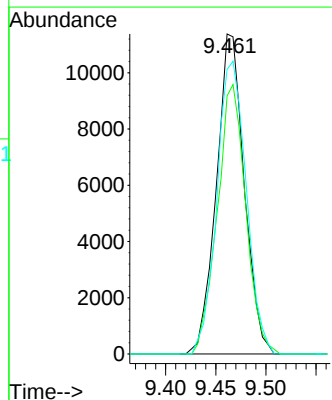
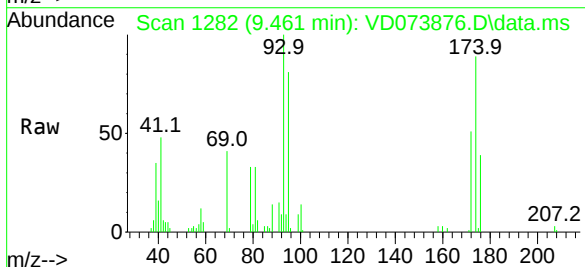
Tgt Ion: 93 Resp: 21990

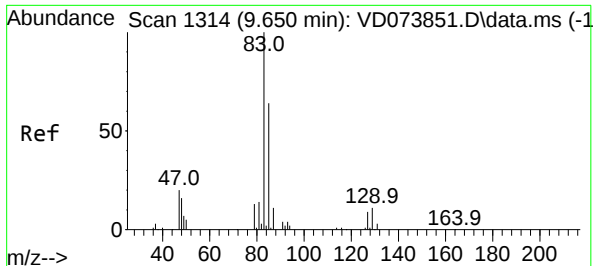
Ion Ratio Lower Upper

93 100

95 86.0 66.7 100.1

174 96.5 71.6 107.4





#47

Bromodichloromethane

Concen: 20.701 ug/l

RT: 9.649 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS01

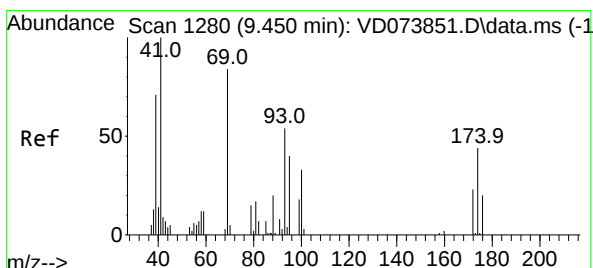
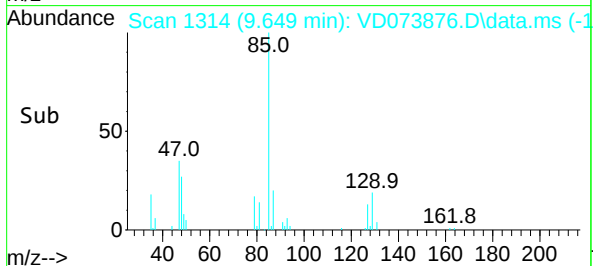
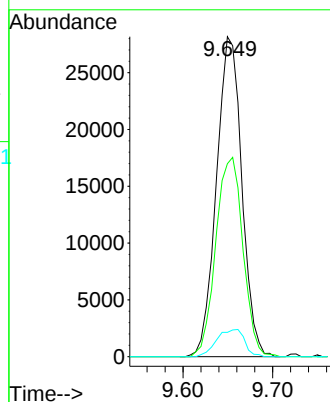
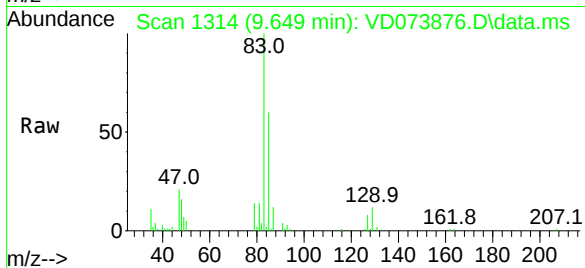
Tgt Ion: 83 Resp: 55351

Ion Ratio Lower Upper

83 100

85 60.3 51.4 77.0

127 7.6 6.1 9.1



#48

Methyl methacrylate

Concen: 21.542 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. -0.006 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

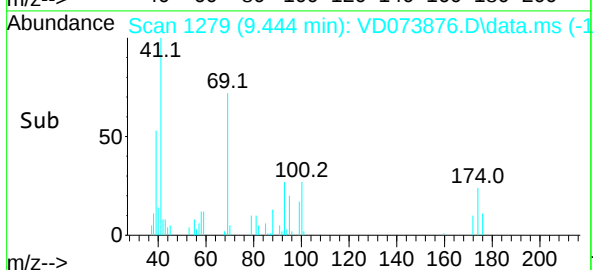
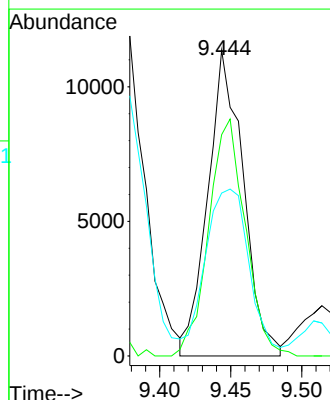
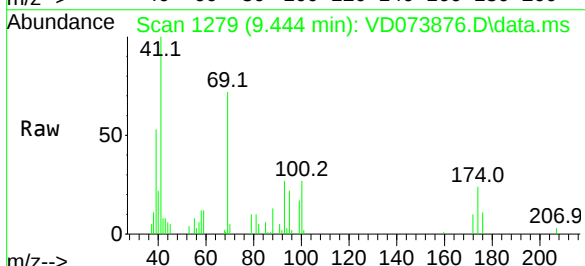
Tgt Ion: 41 Resp: 19649

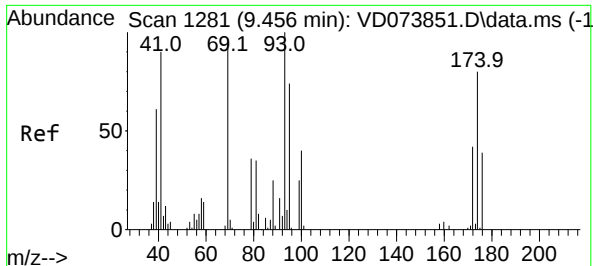
Ion Ratio Lower Upper

41 100

69 80.3 56.7 85.1

39 61.0 42.7 64.1





#49

1,4-Dioxane

Concen: 456.717 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.006 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS01

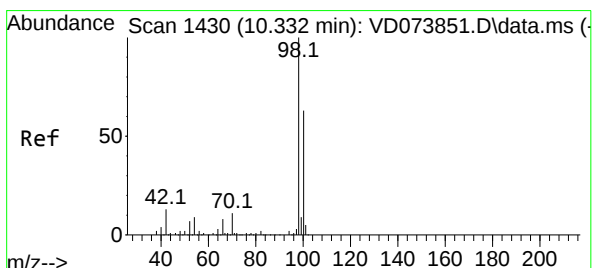
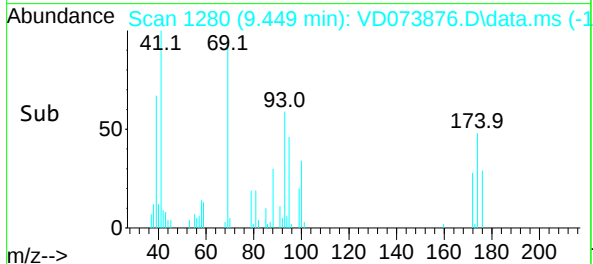
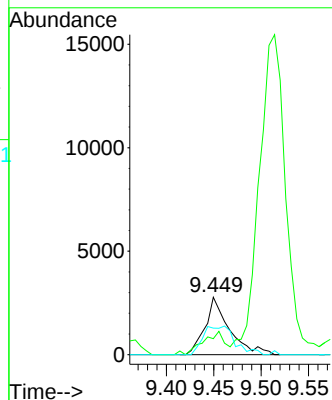
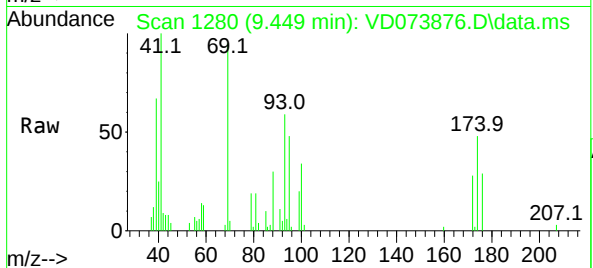
Tgt Ion: 88 Resp: 4935

Ion Ratio Lower Upper

88 100

43 36.8 31.0 46.4

58 64.6 58.1 87.1



#50

Toluene-d8

Concen: 53.817 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073876.D

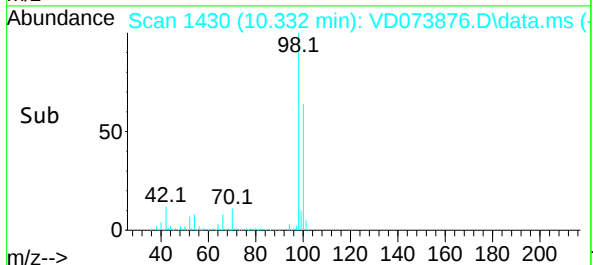
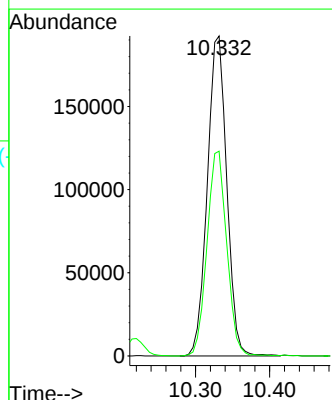
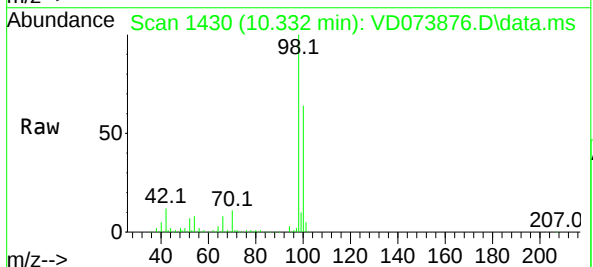
Acq: 20 Jul 2022 12:26

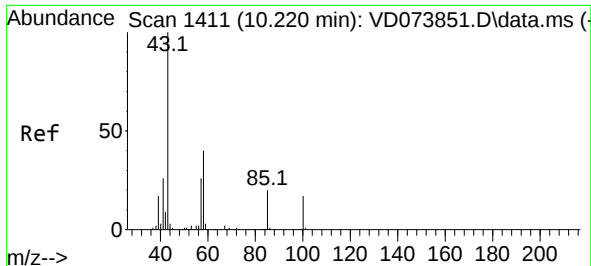
Tgt Ion: 98 Resp: 350610

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6

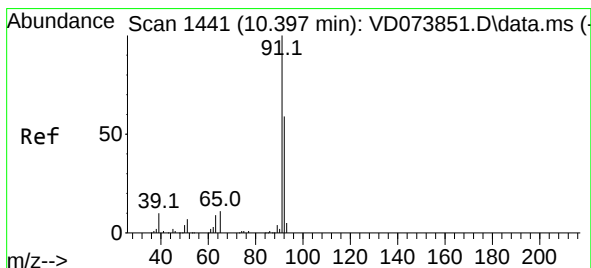
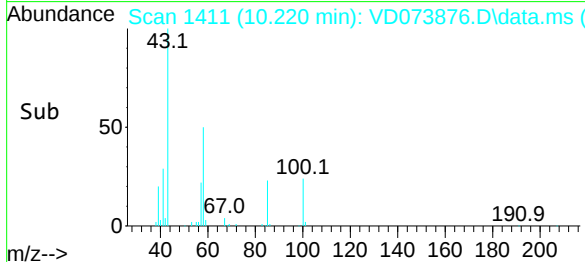
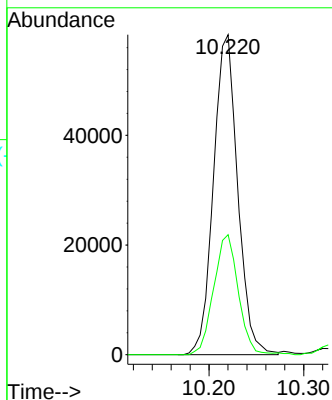
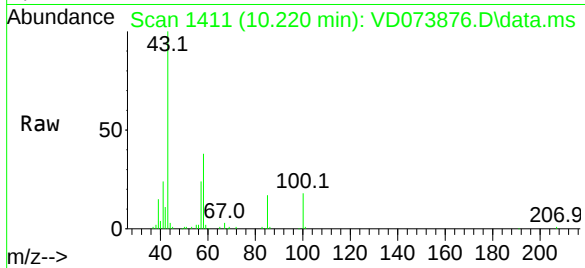




#51
4-Methyl-2-Pentanone
Concen: 111.504 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

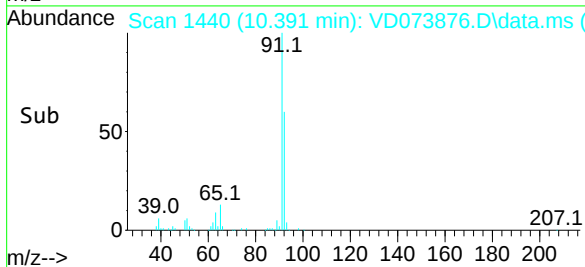
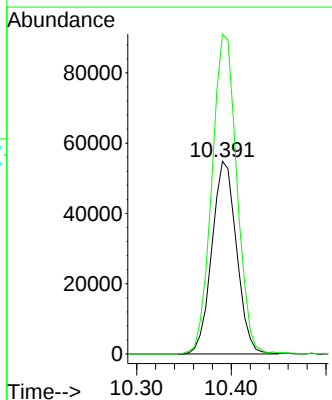
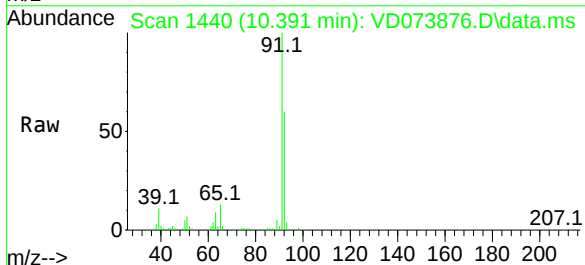
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

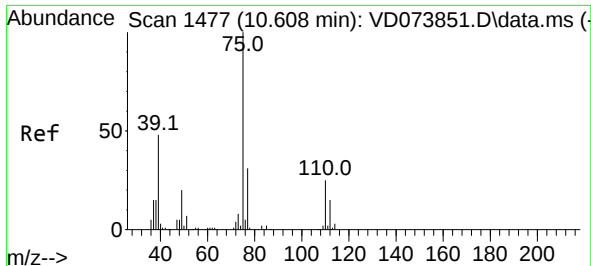
Tgt Ion: 43 Resp: 103705
Ion Ratio Lower Upper
43 100
58 38.2 28.6 43.0



#52
Toluene
Concen: 20.917 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion: 92 Resp: 99160
Ion Ratio Lower Upper
92 100
91 168.7 139.6 209.4

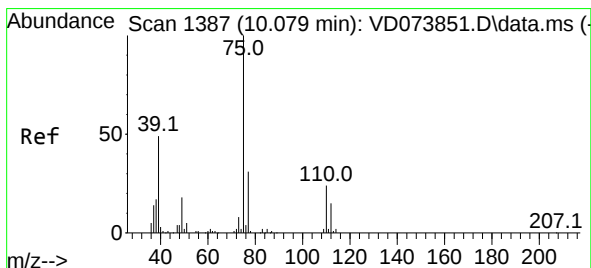
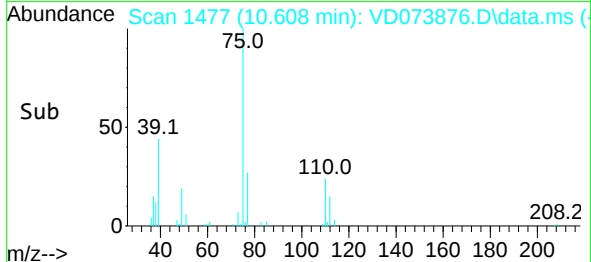
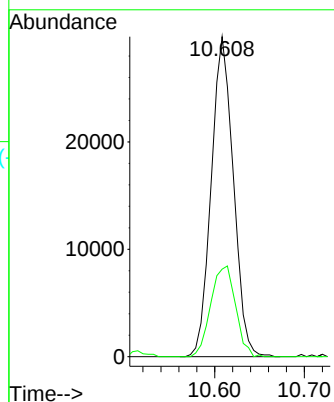
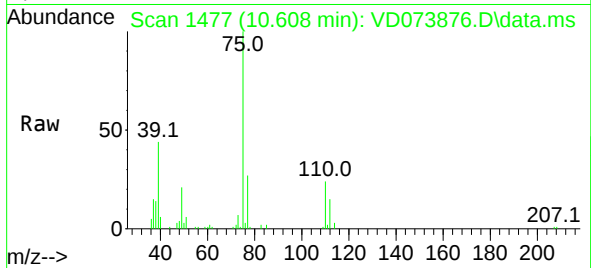




#53
 t-1,3-Dichloropropene
 Concen: 21.629 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. -0.000 min
 Lab File: VD073876.D
 Acq: 20 Jul 2022 12:26

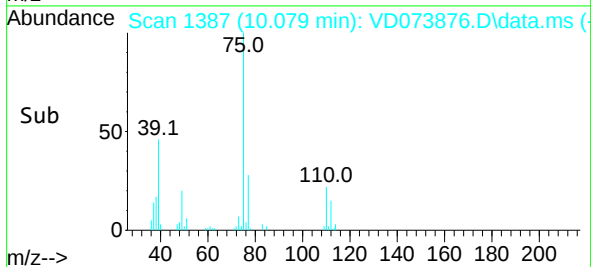
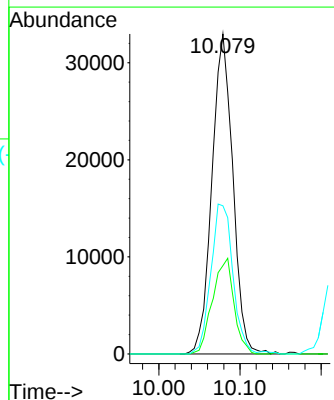
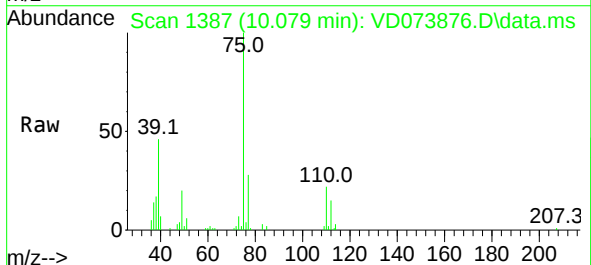
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0720SBS01

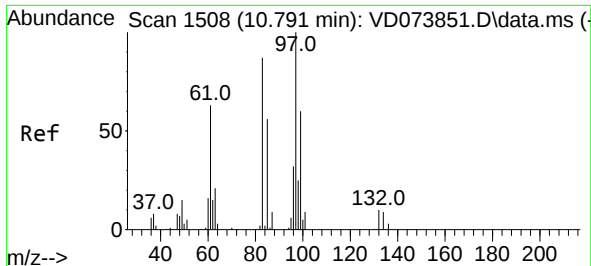
Tgt Ion: 75 Resp: 51055
 Ion Ratio Lower Upper
 75 100
 77 27.3 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 21.580 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. -0.000 min
 Lab File: VD073876.D
 Acq: 20 Jul 2022 12:26

Tgt Ion: 75 Resp: 58941
 Ion Ratio Lower Upper
 75 100
 77 27.6 24.8 37.2
 39 46.3 46.8 70.2#

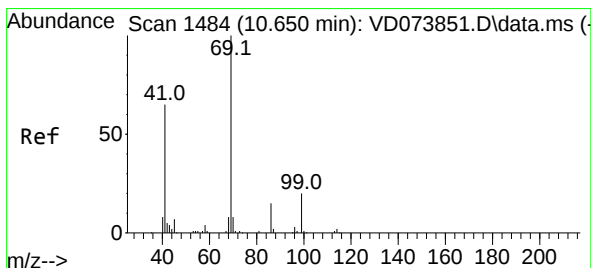
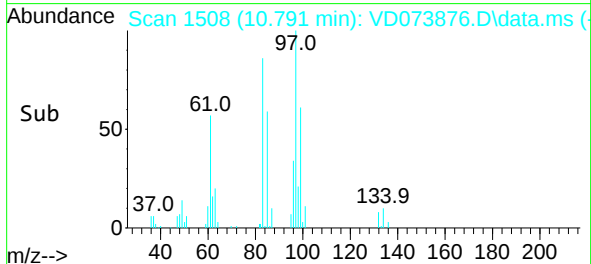
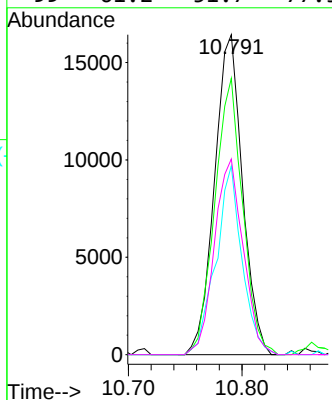
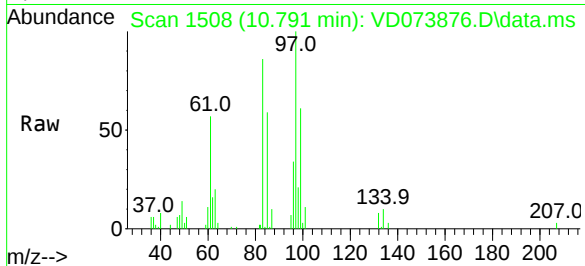




#55
1,1,2-Trichloroethane
Concen: 21.396 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

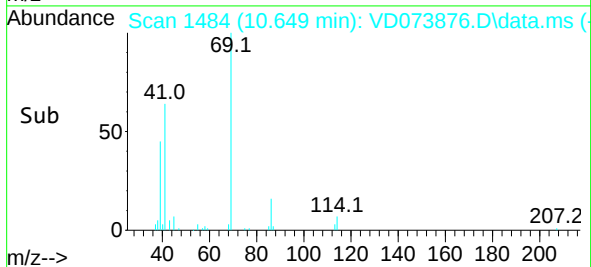
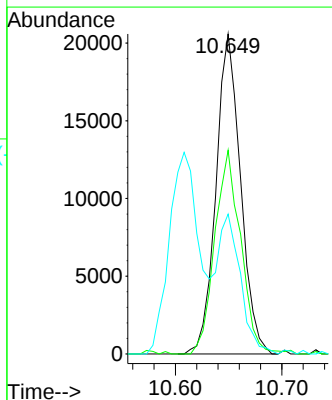
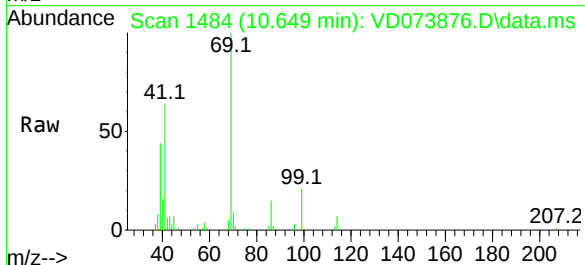
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

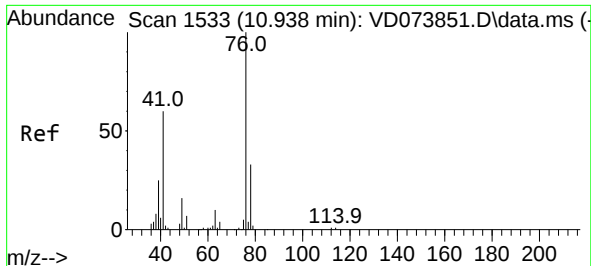
Tgt Ion: 97	Resp:	28106	
Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.0	103.4
85	59.0	42.6	63.8
99	61.2	51.7	77.5



#56
Ethyl methacrylate
Concen: 21.662 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion: 69	Resp: 32944
Ion Ratio	Lower Upper
69 100	
41 67.4	63.0 94.6
39 41.5	33.8 50.8





#57

1,3-Dichloropropane

Concen: 22.002 ug/l

RT: 10.938 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

Instrument :

MSVOA_D

ClientSampleId :

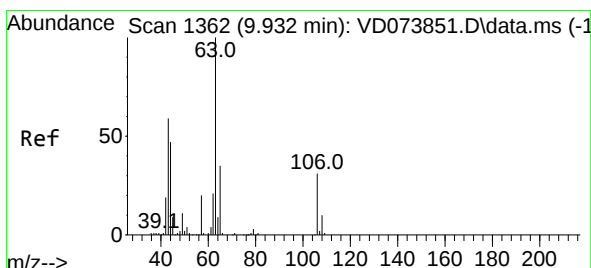
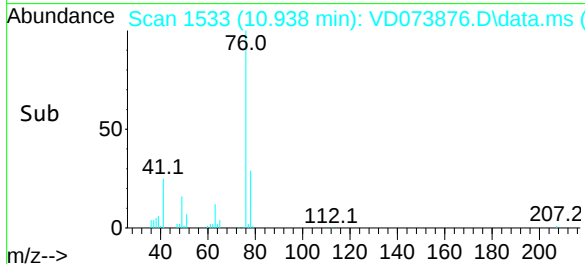
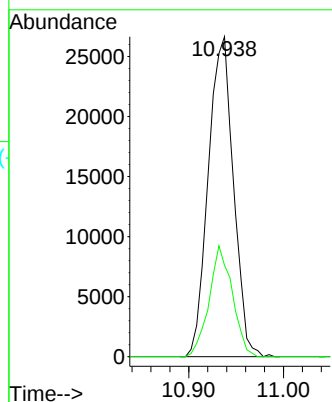
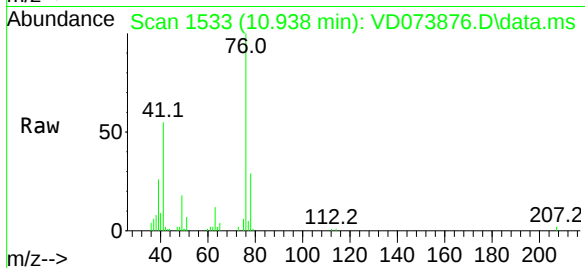
VD0720SBS01

Tgt Ion: 76 Resp: 49153

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 77.284 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073876.D

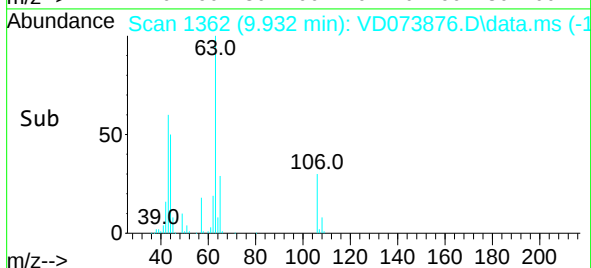
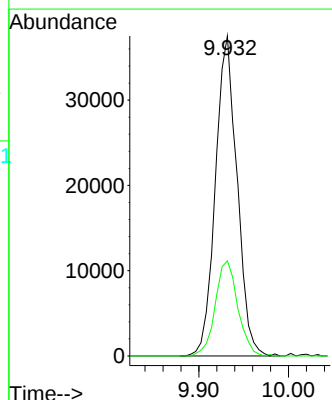
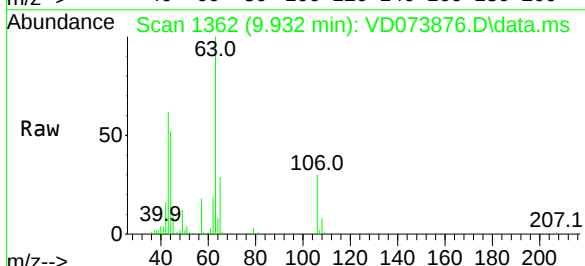
Acq: 20 Jul 2022 12:26

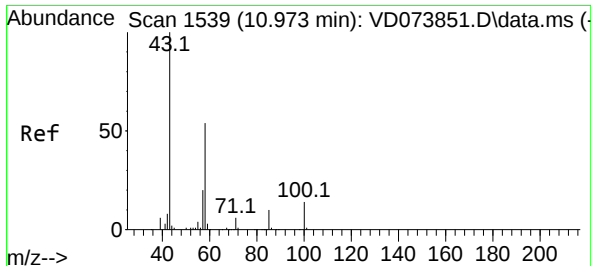
Tgt Ion: 63 Resp: 62848

Ion Ratio Lower Upper

63 100

106 30.9 21.4 32.0

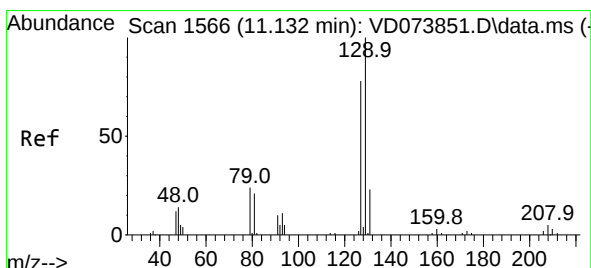
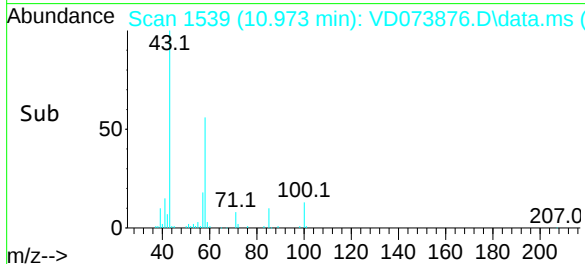
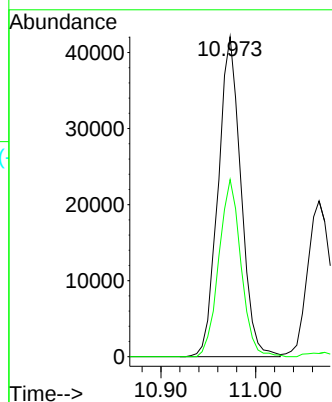
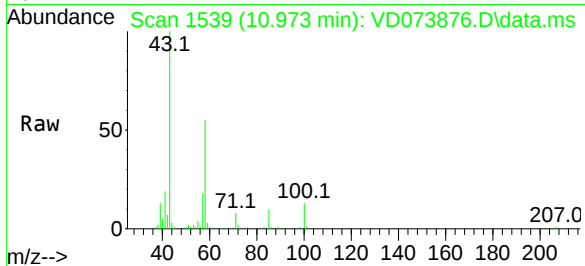




#59
2-Hexanone
Concen: 110.838 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

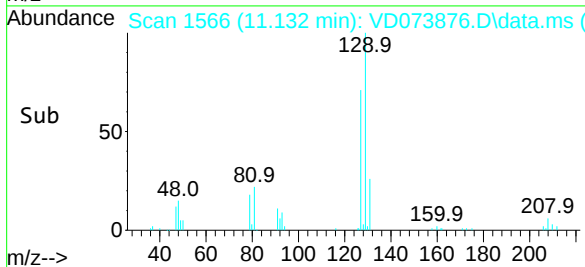
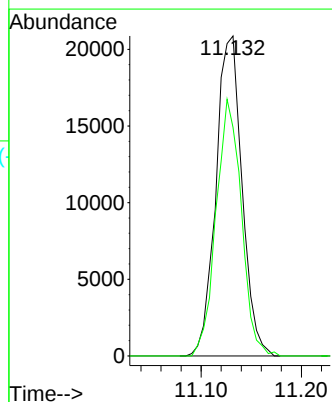
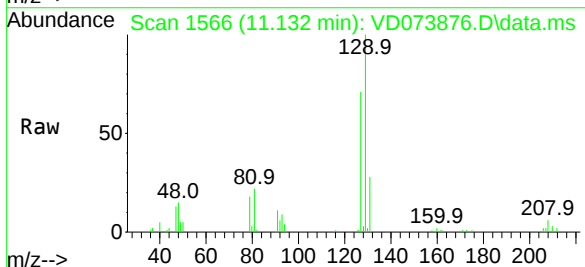
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

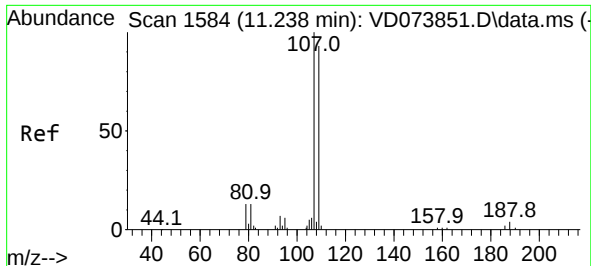
Tgt Ion: 43 Resp: 70438
Ion Ratio Lower Upper
43 100
58 53.7 25.3 75.9



#60
Dibromochloromethane
Concen: 21.213 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion: 129 Resp: 37749
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6

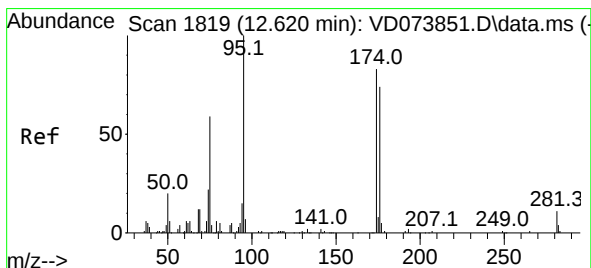
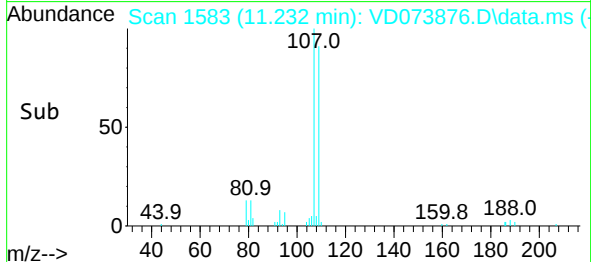
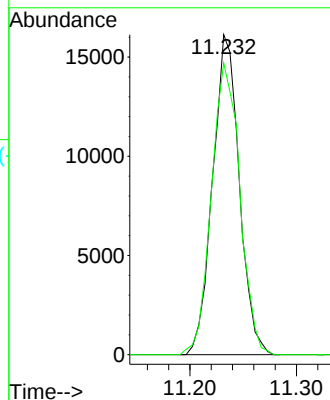
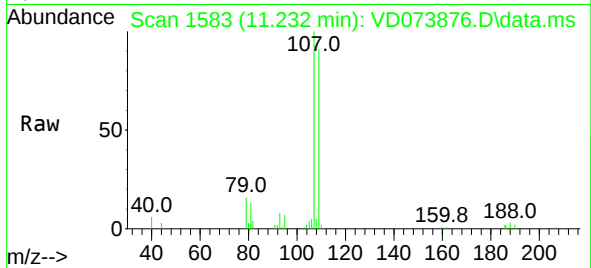




#61
1,2-Dibromoethane
Concen: 21.020 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

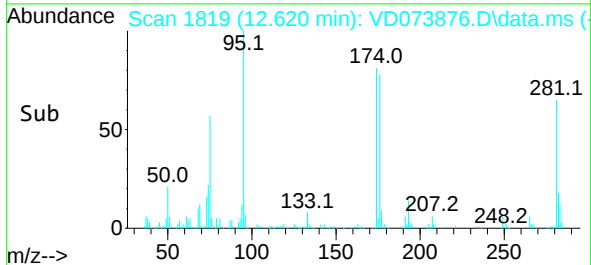
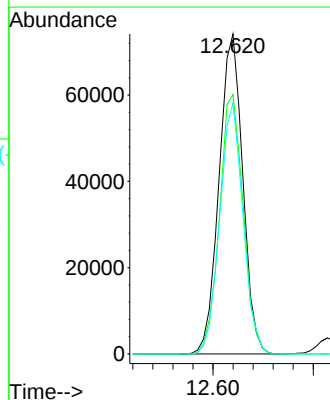
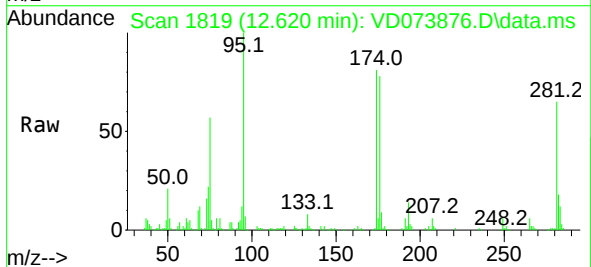
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

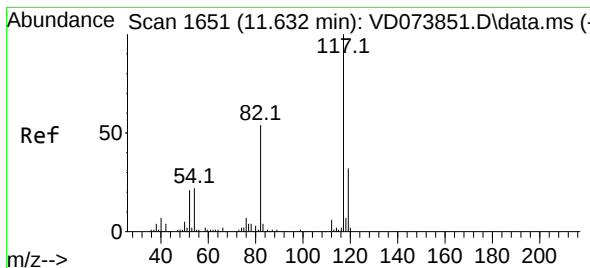
Tgt Ion:107 Resp: 27938
Ion Ratio Lower Upper
107 100
109 97.6 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 54.053 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion: 95 Resp: 121075
Ion Ratio Lower Upper
95 100
174 81.4 0.0 152.8
176 77.2 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS01

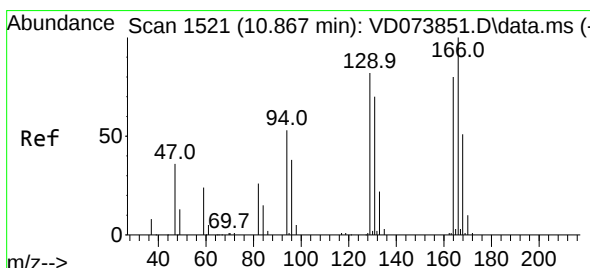
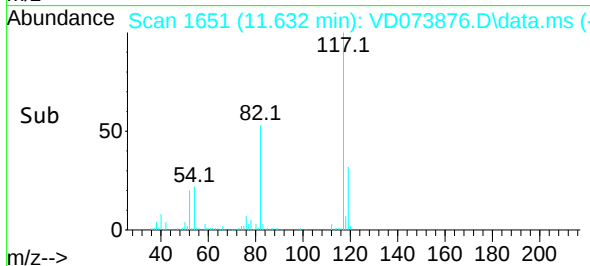
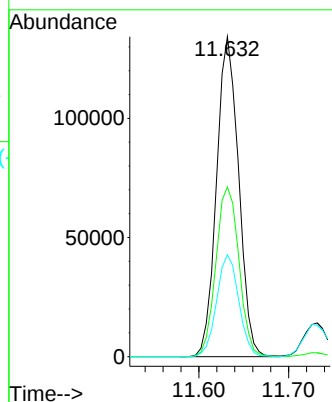
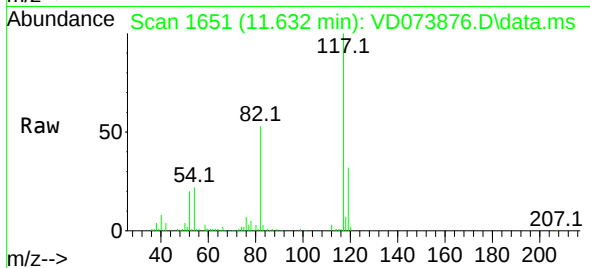
Tgt Ion:117 Resp: 229626

Ion Ratio Lower Upper

117 100

82 53.1 45.3 67.9

119 31.9 26.6 40.0



#64

Tetrachloroethene

Concen: 25.381 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.000 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

Tgt Ion:164 Resp: 38871

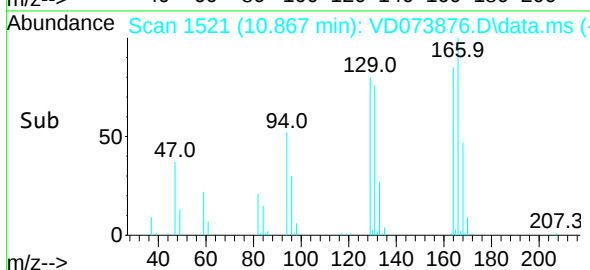
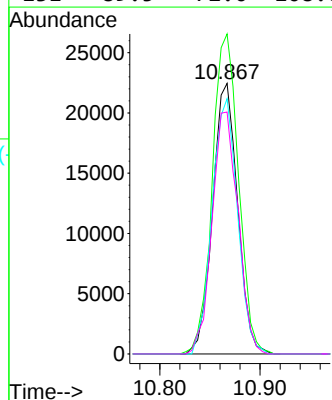
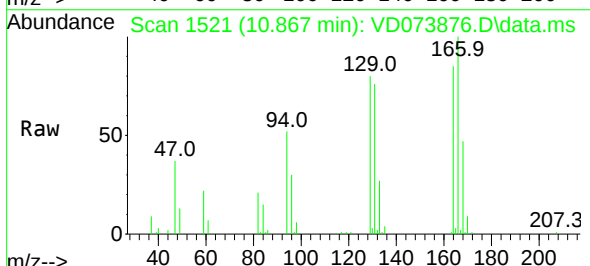
Ion Ratio Lower Upper

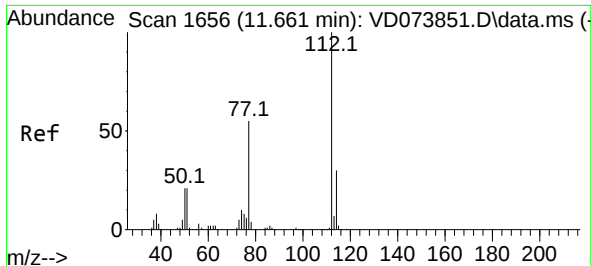
164 100

166 118.3 98.5 147.7

129 94.4 74.6 111.8

131 89.5 72.0 108.0

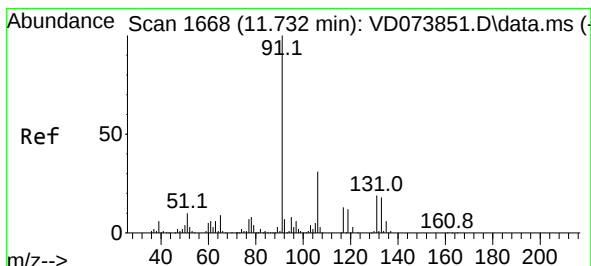
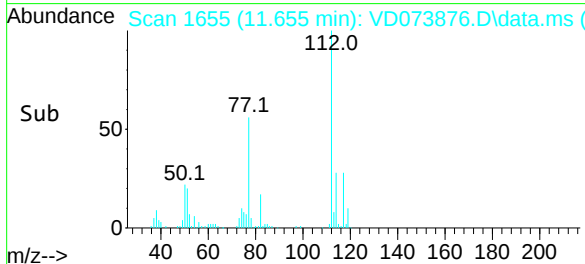
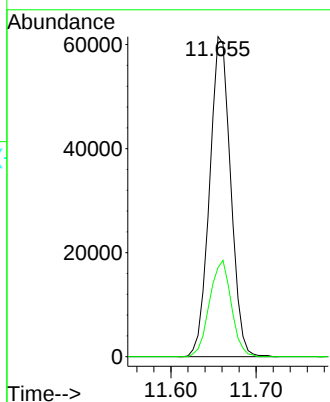
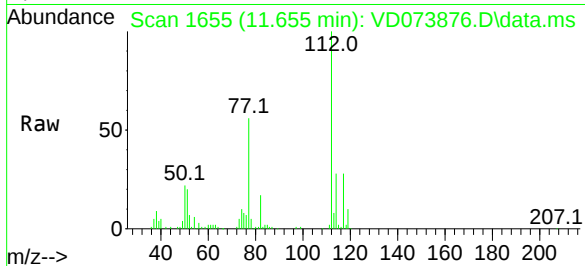




#65
Chlorobenzene
Concen: 22.323 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

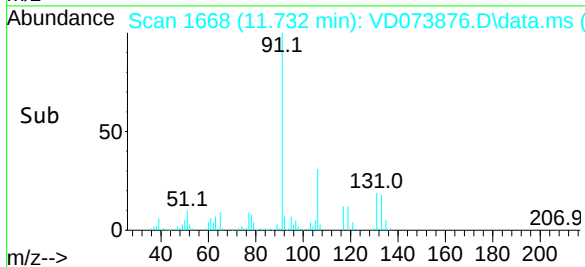
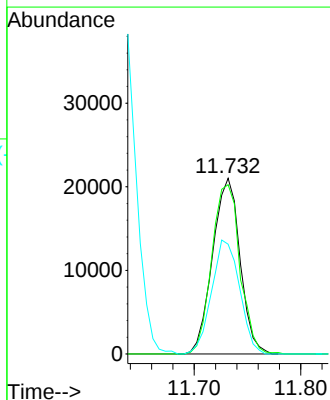
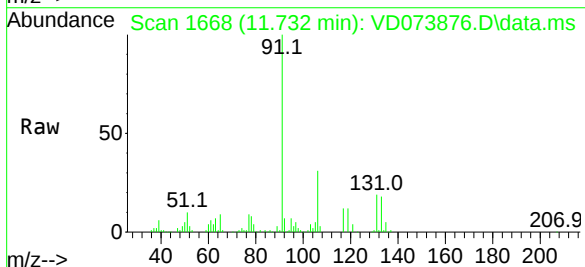
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

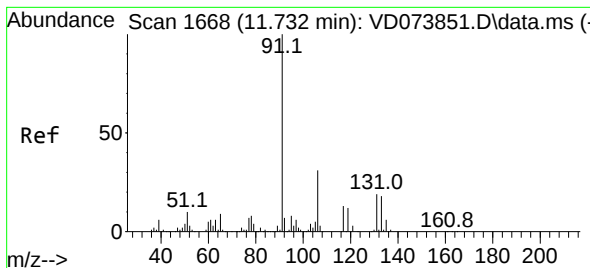
Tgt Ion:112 Resp: 105573
Ion Ratio Lower Upper
112 100
114 27.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.956 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion:131 Resp: 37665
Ion Ratio Lower Upper
131 100
133 99.0 48.1 144.3
119 66.1 31.9 95.9





#67

Ethyl Benzene

Concen: 21.389 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

Instrument :

MSVOA_D

ClientSampleId :

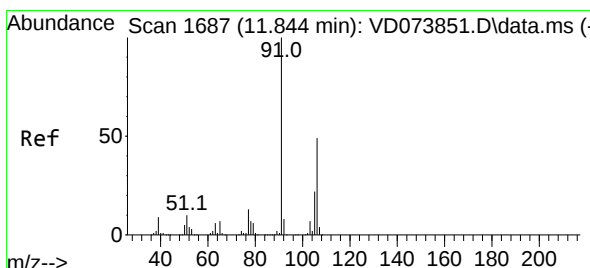
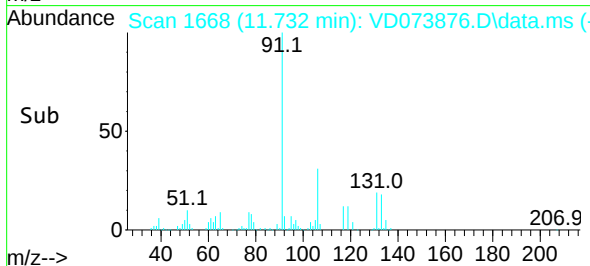
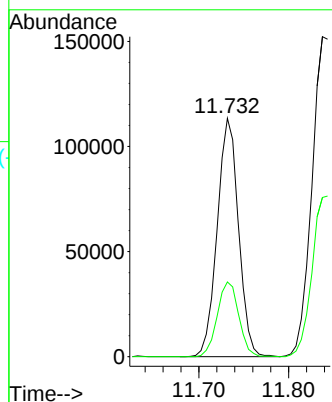
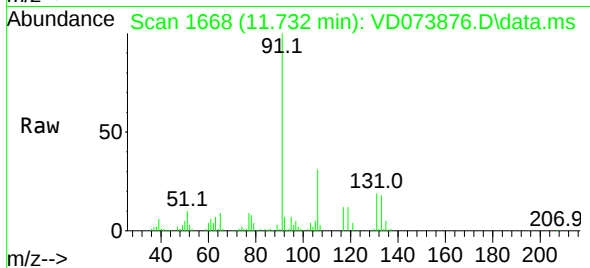
VD0720SBS01

Tgt Ion: 91 Resp: 186767

Ion Ratio Lower Upper

91 100

106 31.4 24.2 36.4



#68

m/p-Xylenes

Concen: 44.407 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VD073876.D

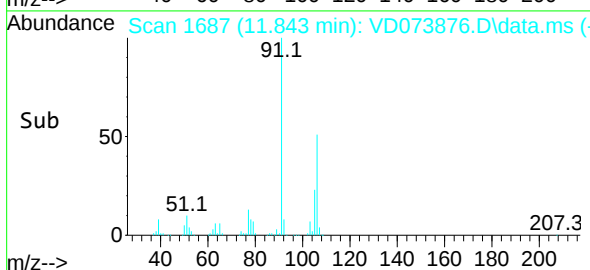
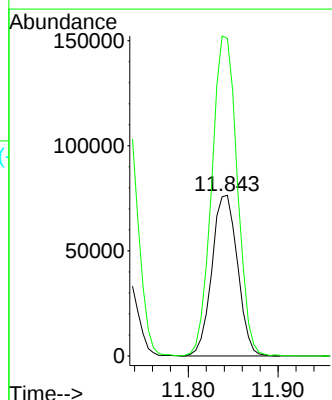
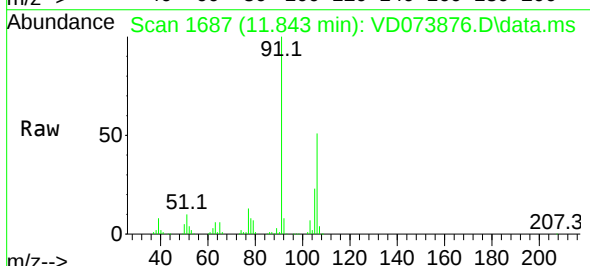
Acq: 20 Jul 2022 12:26

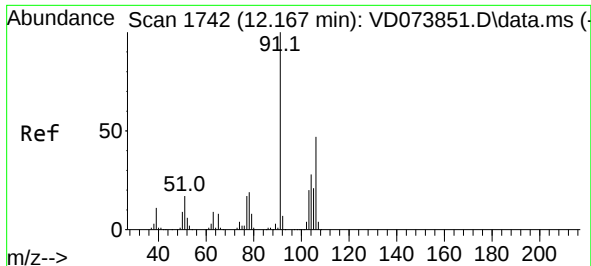
Tgt Ion:106 Resp: 151562

Ion Ratio Lower Upper

106 100

91 198.2 163.7 245.5

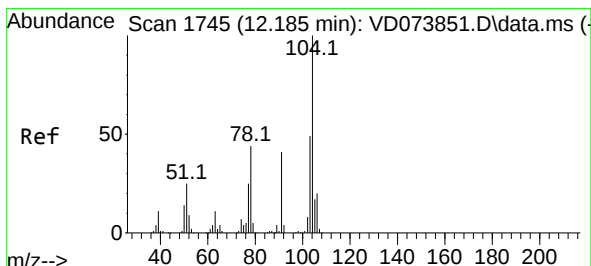
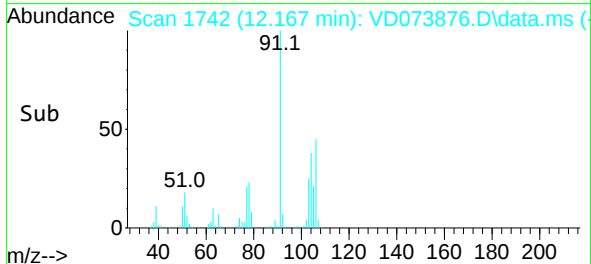
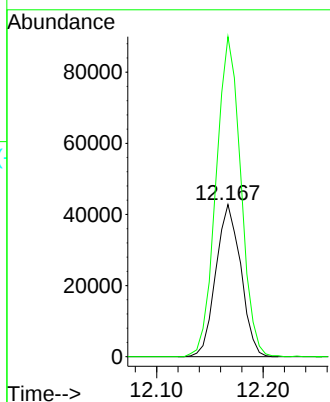
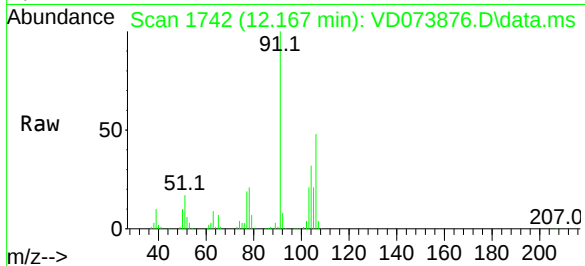




#69
o-Xylene
Concen: 21.737 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

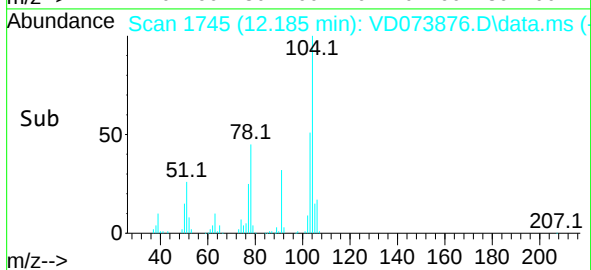
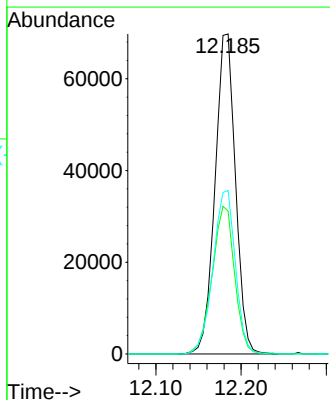
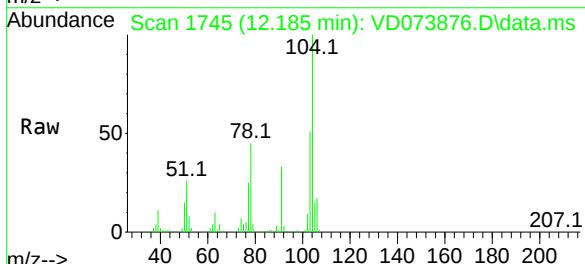
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

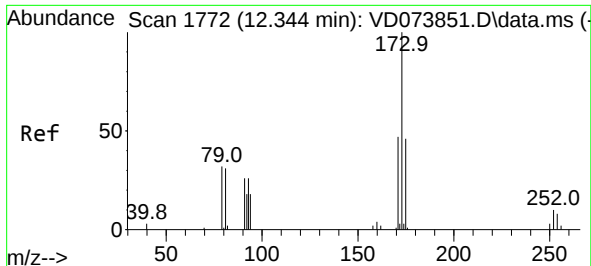
Tgt Ion:106 Resp: 69456
Ion Ratio Lower Upper
106 100
91 209.0 110.4 331.2



#70
Styrene
Concen: 21.312 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion:104 Resp: 116421
Ion Ratio Lower Upper
104 100
78 50.7 41.8 62.8
103 55.8 44.2 66.4

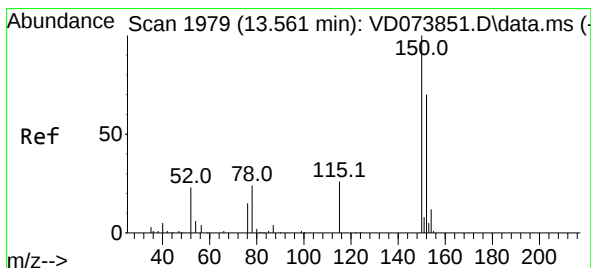
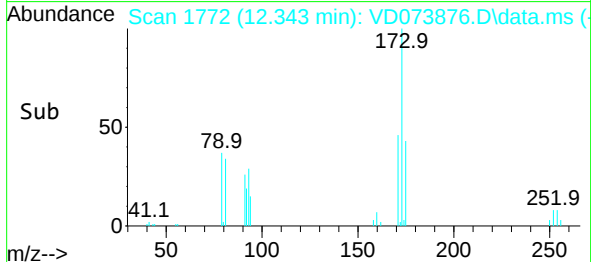
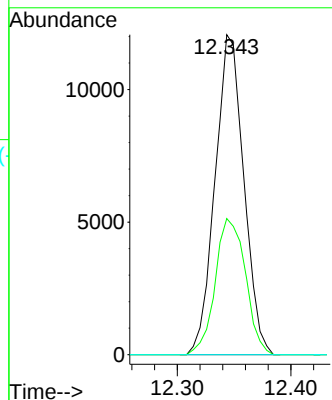
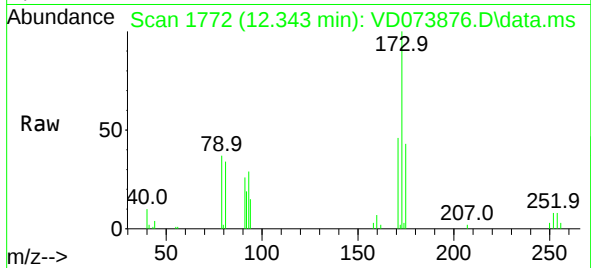




#71
Bromoform
Concen: 21.810 ug/l
RT: 12.343 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

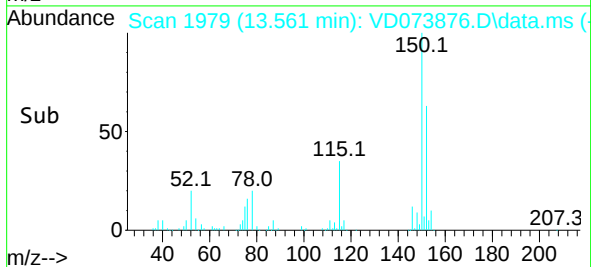
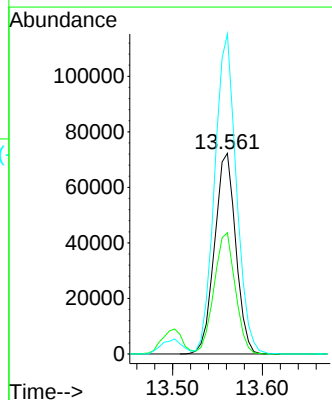
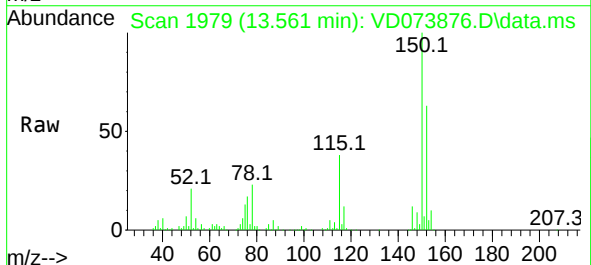
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

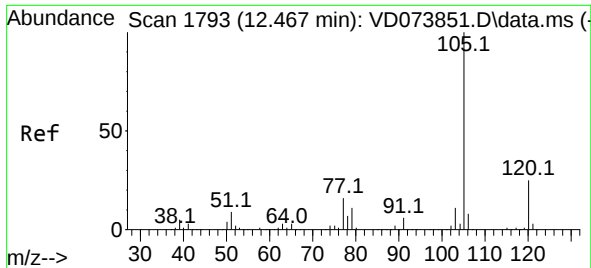
Tgt Ion:173 Resp: 21211
Ion Ratio Lower Upper
173 100
175 44.8 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion:152 Resp: 118635
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 163.2 0.0 348.6

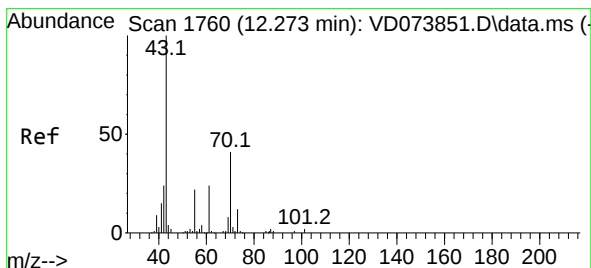
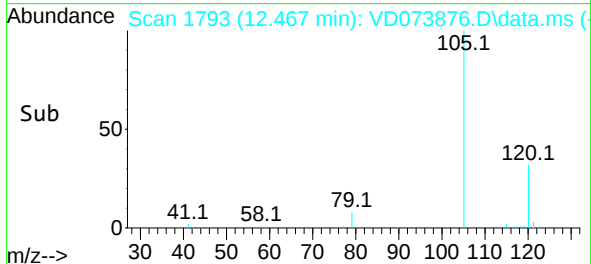
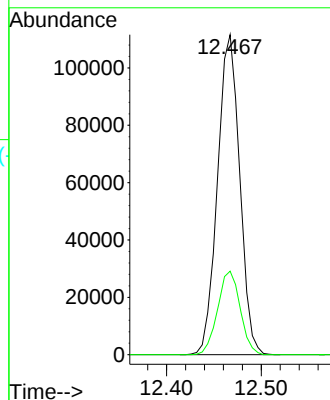
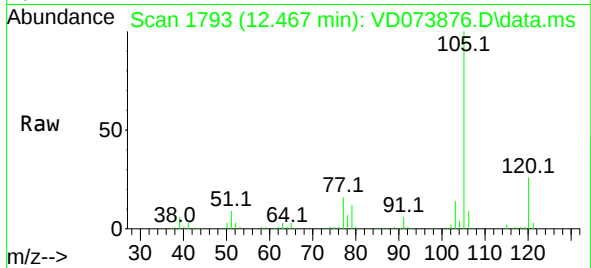




#73
Isopropylbenzene
Concen: 20.213 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

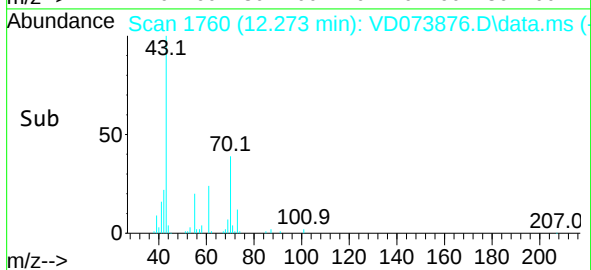
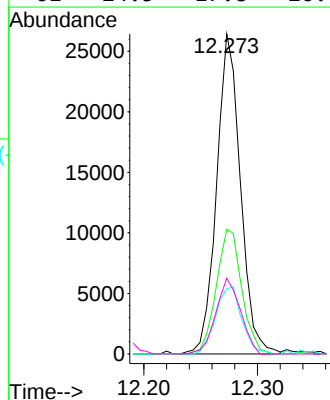
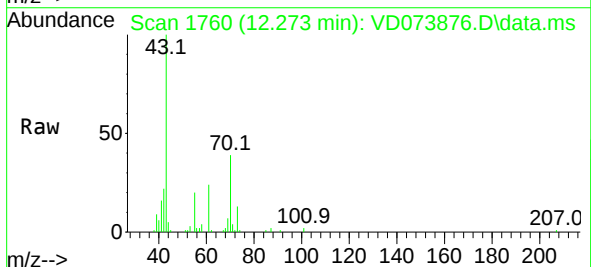
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

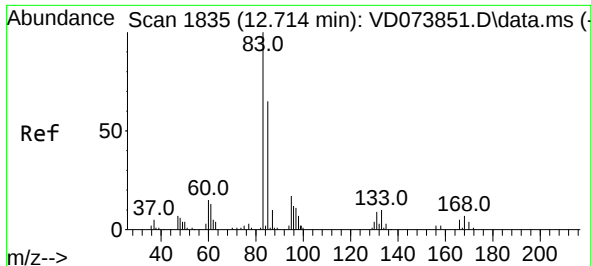
Tgt Ion:105 Resp: 181623
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9



#74
N-ethyl acetate
Concen: 21.741 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion: 43 Resp: 38533
Ion Ratio Lower Upper
43 100
70 41.6 31.3 46.9
55 23.2 20.0 30.0
61 24.5 17.8 26.8

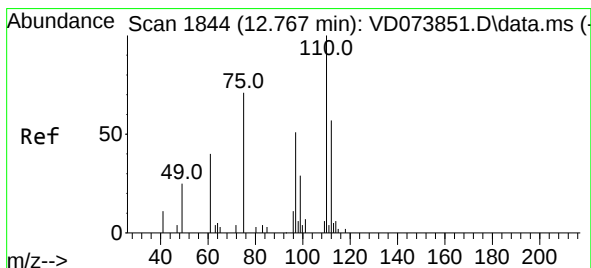
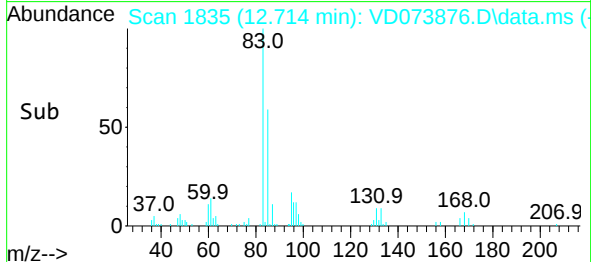
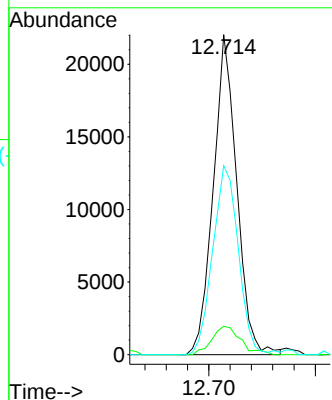
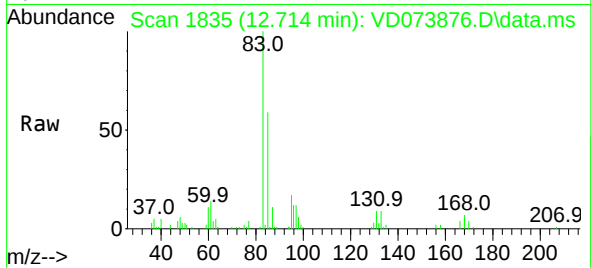




#75
1,1,2,2-Tetrachloroethane
Concen: 21.685 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

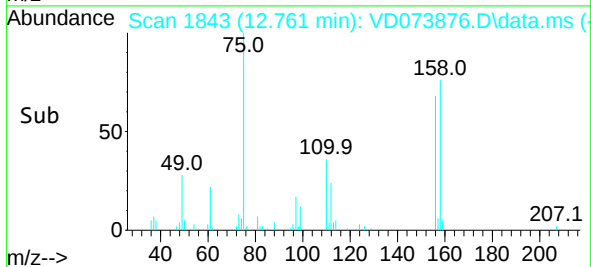
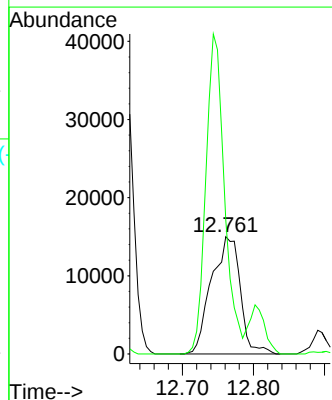
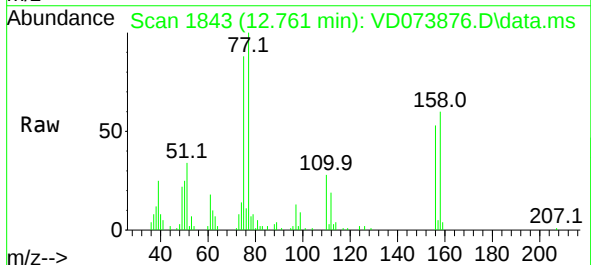
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

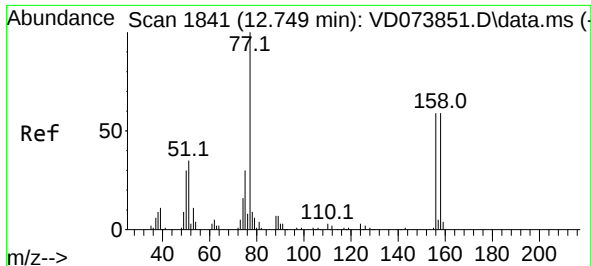
Tgt Ion: 83 Resp: 33679
Ion Ratio Lower Upper
83 100
131 10.9 5.0 14.9
85 64.2 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 33.219 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.006 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion: 75 Resp: 42285
Ion Ratio Lower Upper
75 100
77 177.3 0.0 0.0#

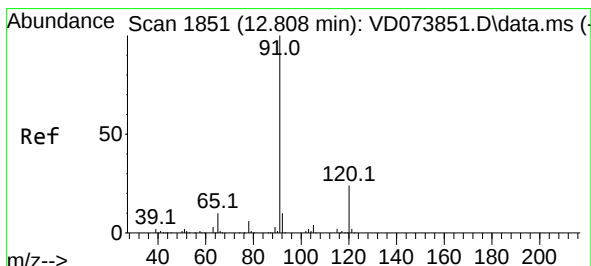
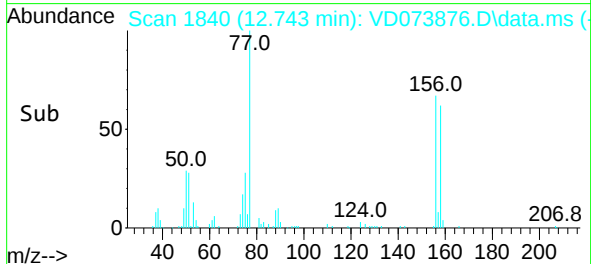
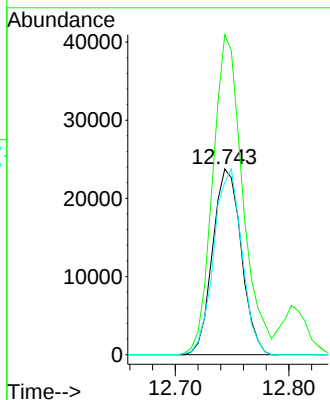
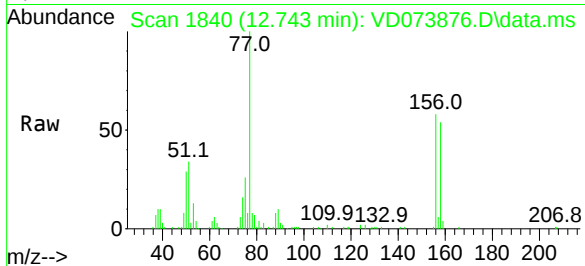




#77
Bromobenzene
Concen: 20.875 ug/l
RT: 12.743 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

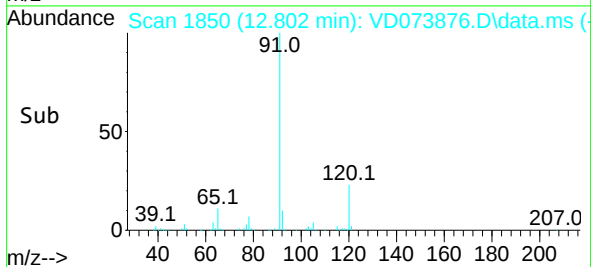
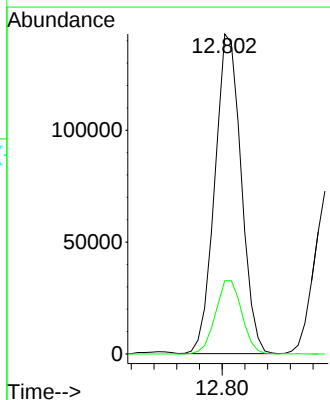
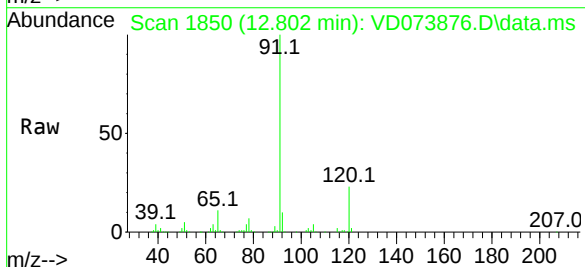
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

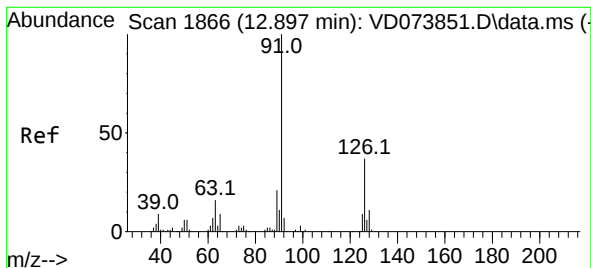
Tgt Ion:156 Resp: 41686
Ion Ratio Lower Upper
156 100
77 179.9 102.8 308.3
158 98.1 48.7 146.1



#78
n-propylbenzene
Concen: 20.993 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion: 91 Resp: 230120
Ion Ratio Lower Upper
91 100
120 23.0 10.9 32.9





#79

2-Chlorotoluene

Concen: 20.680 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

Instrument :

MSVOA_D

ClientSampleId :

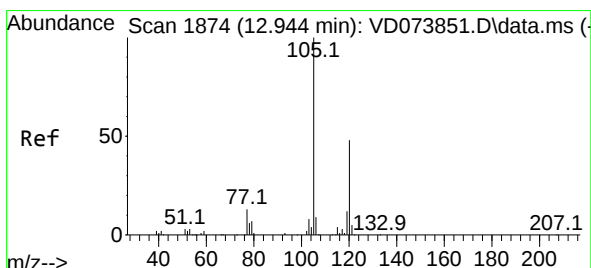
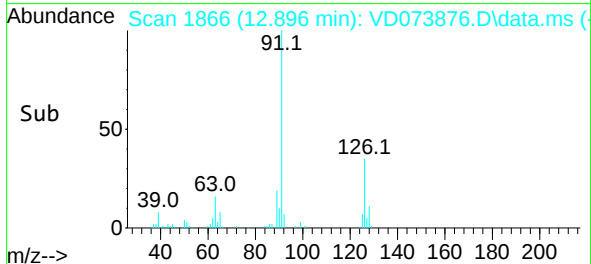
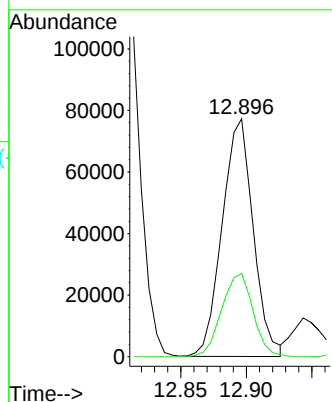
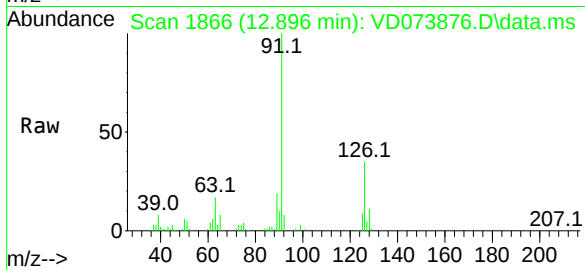
VD0720SBS01

Tgt Ion: 91 Resp: 127166

Ion Ratio Lower Upper

91 100

126 35.3 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 20.823 ug/l

RT: 12.943 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VD073876.D

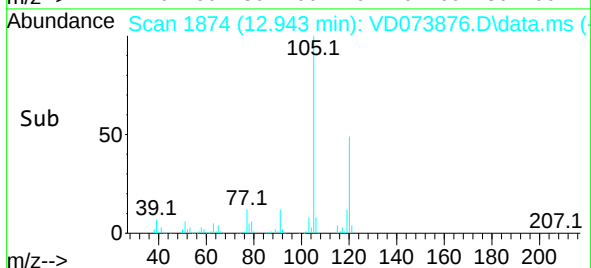
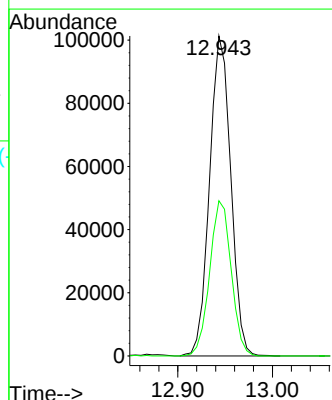
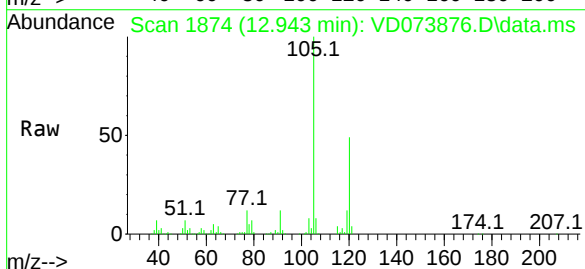
Acq: 20 Jul 2022 12:26

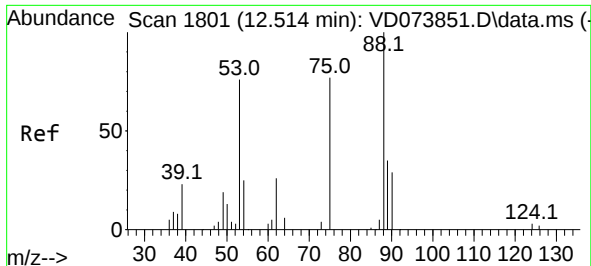
Tgt Ion:105 Resp: 157715

Ion Ratio Lower Upper

105 100

120 49.2 24.3 72.8

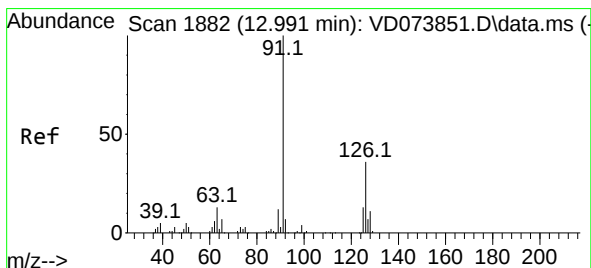
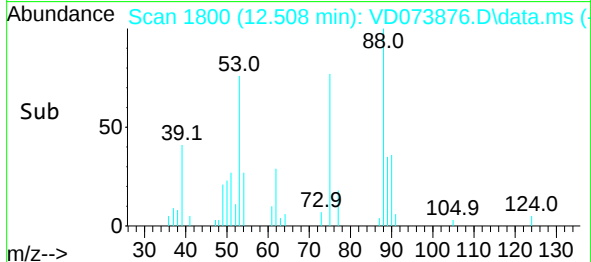
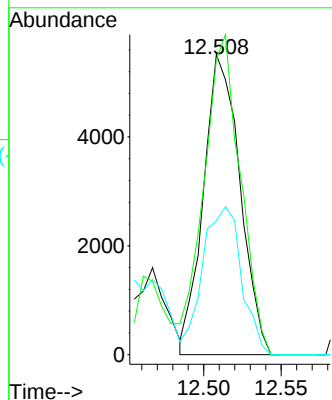
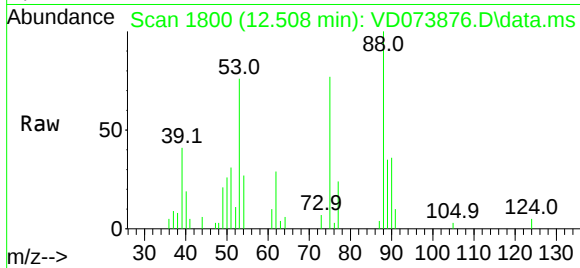




#81
trans-1,4-Dichloro-2-butene
Concen: 19.122 ug/l
RT: 12.508 min Scan# 1800
Delta R.T. -0.006 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

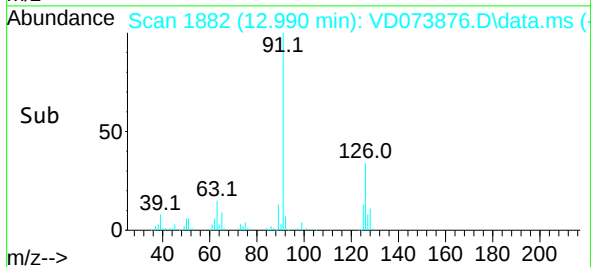
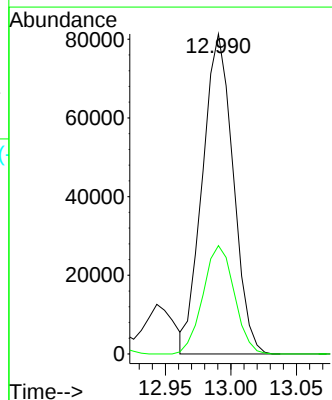
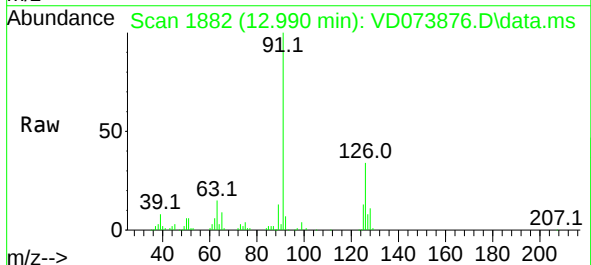
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

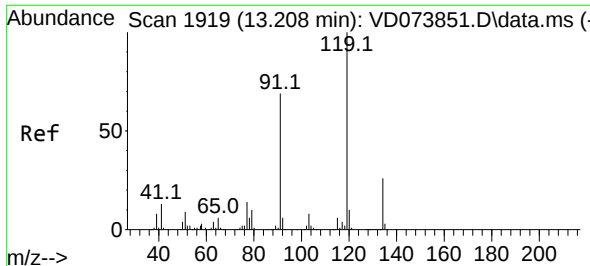
Tgt Ion: 75 Resp: 9020
Ion Ratio Lower Upper
75 100
53 106.0 86.5 129.7
89 52.5 33.9 50.9#



#82
4-Chlorotoluene
Concen: 20.352 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion: 91 Resp: 132347
Ion Ratio Lower Upper
91 100
126 34.5 16.5 49.5

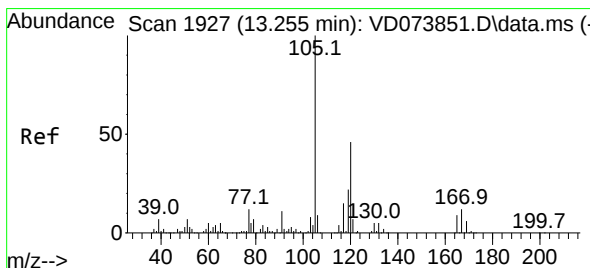
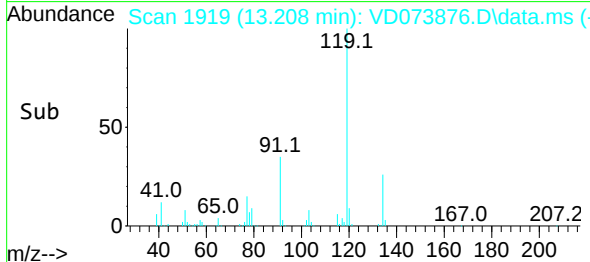
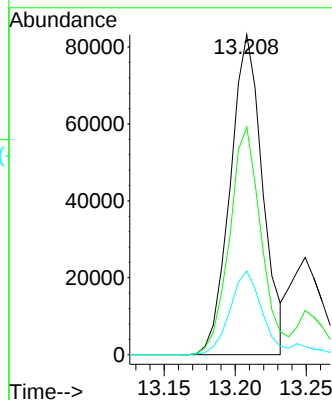
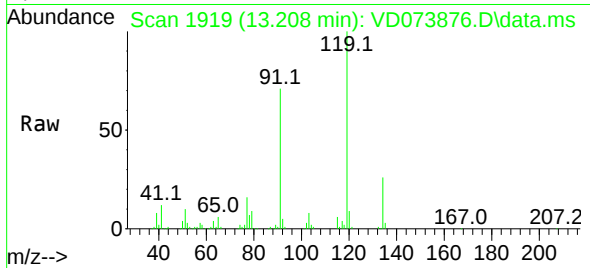




#83
tert-Butylbenzene
Concen: 20.418 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

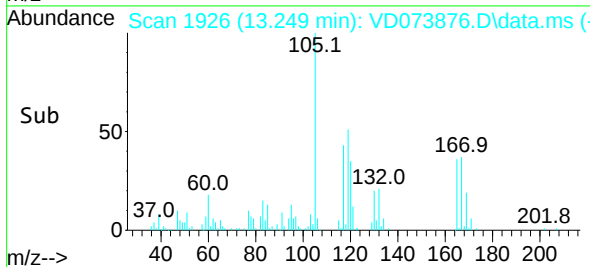
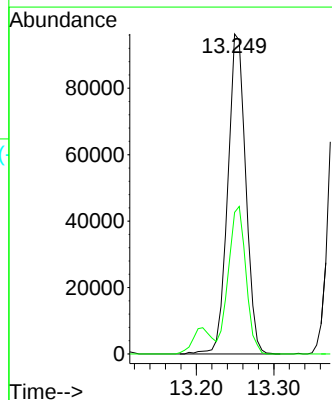
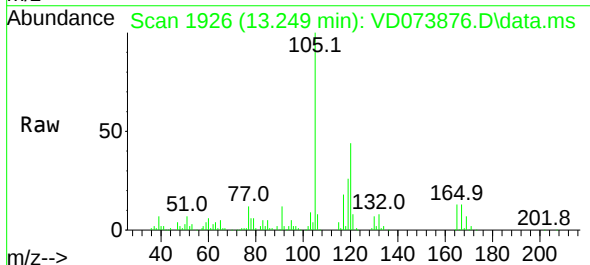
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

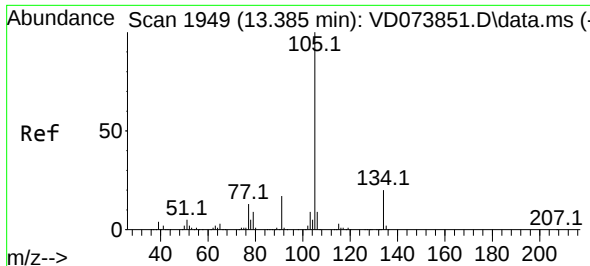
Tgt Ion:119 Resp: 132228
Ion Ratio Lower Upper
119 100
91 69.7 34.8 104.5
134 25.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.579 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion:105 Resp: 155254
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8

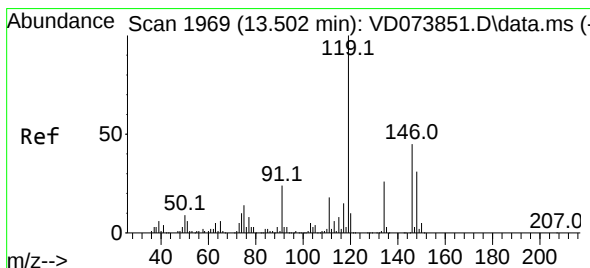
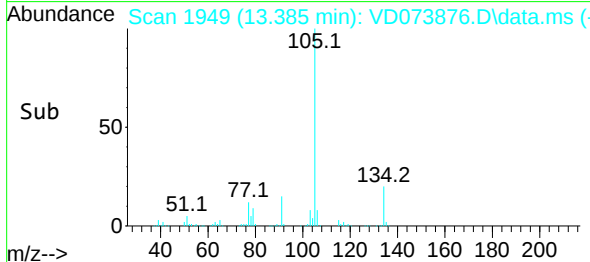
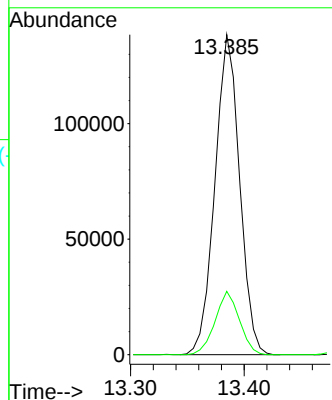
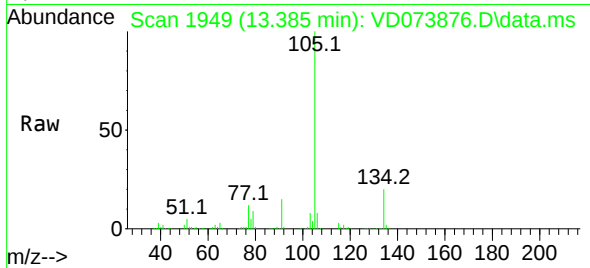




#85
 sec-Butylbenzene
 Concen: 21.382 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073876.D
 Acq: 20 Jul 2022 12:26

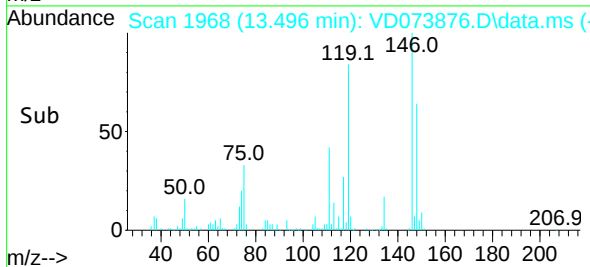
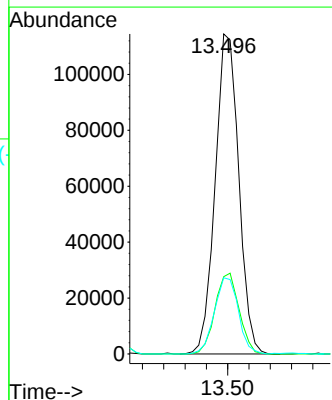
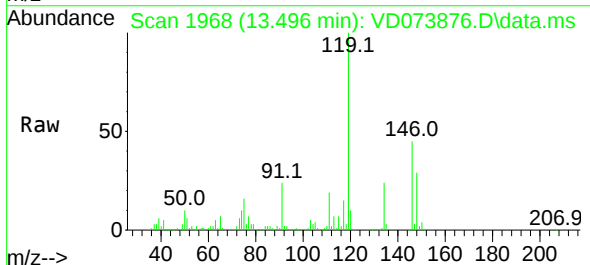
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0720SBS01

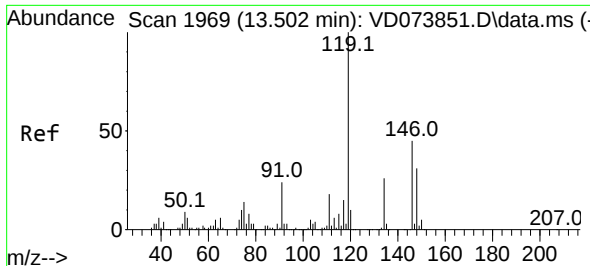
Tgt Ion:105 Resp: 208805
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 21.357 ug/l
 RT: 13.496 min Scan# 1968
 Delta R.T. -0.006 min
 Lab File: VD073876.D
 Acq: 20 Jul 2022 12:26

Tgt Ion:119 Resp: 175611
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 24.3 12.1 36.3

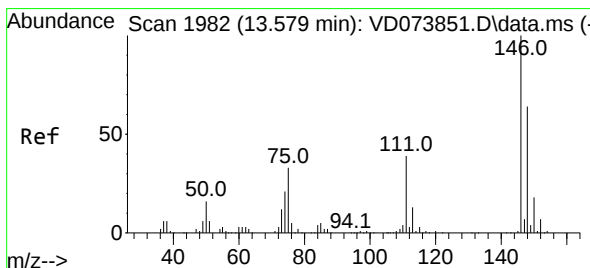
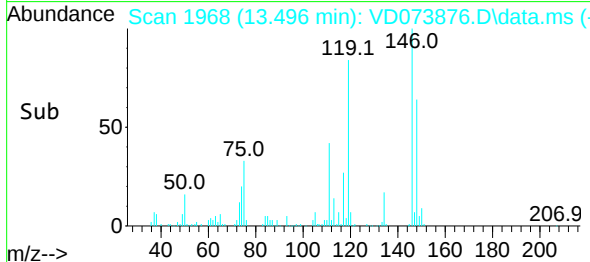
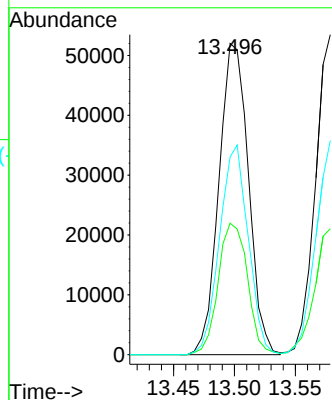
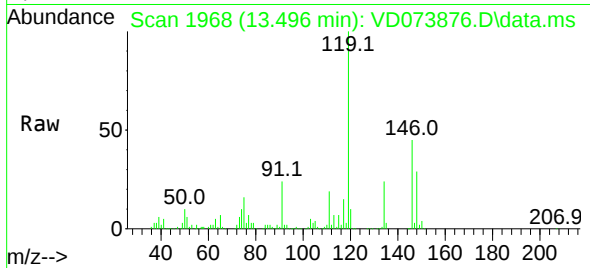




#87
1,3-Dichlorobenzene
Concen: 21.002 ug/l
RT: 13.496 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

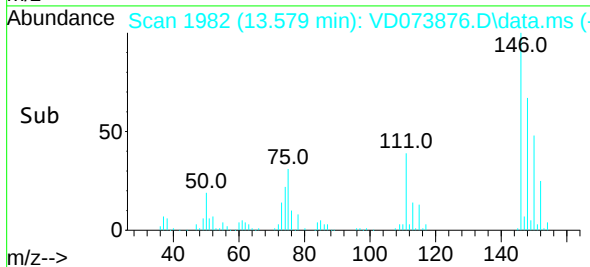
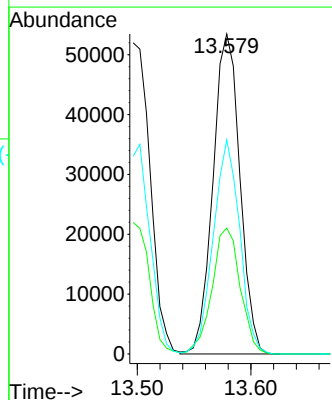
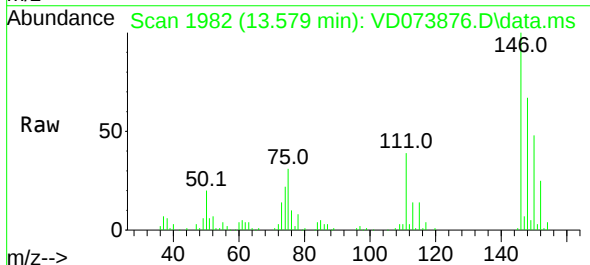
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

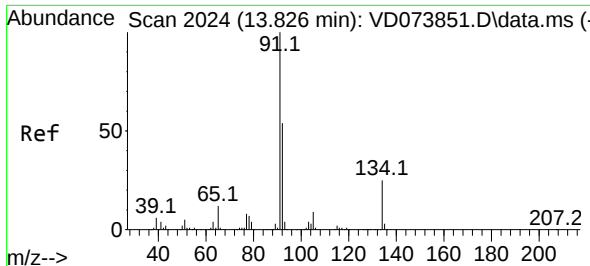
Tgt Ion:146 Resp: 87826
Ion Ratio Lower Upper
146 100
111 41.9 20.4 61.3
148 65.4 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 21.314 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion:146 Resp: 88103
Ion Ratio Lower Upper
146 100
111 41.2 20.3 60.9
148 65.6 31.7 95.1

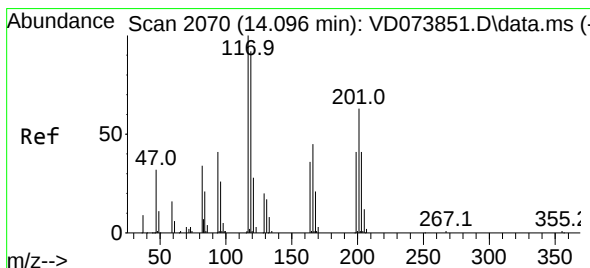
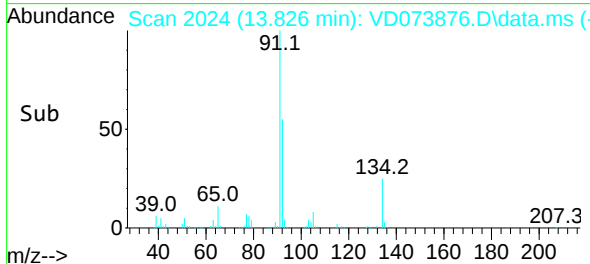
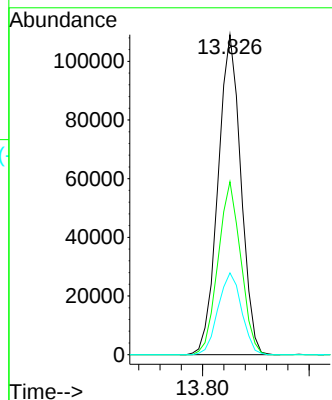
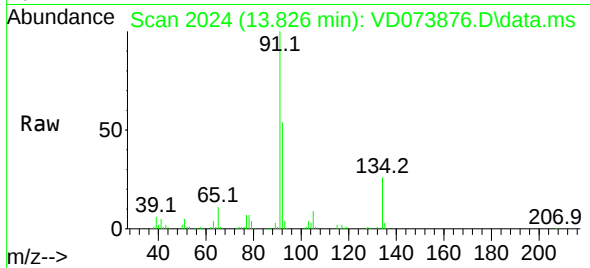




#89
n-Butylbenzene
Concen: 20.821 ug/l
RT: 13.826 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

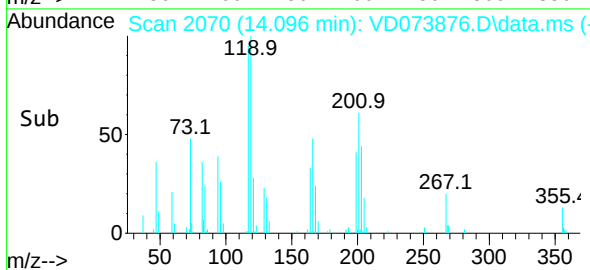
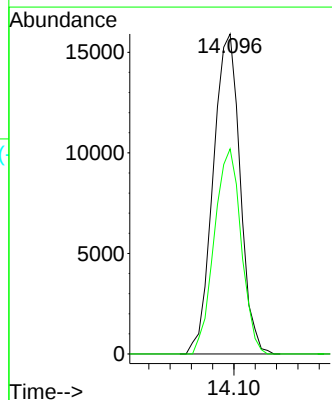
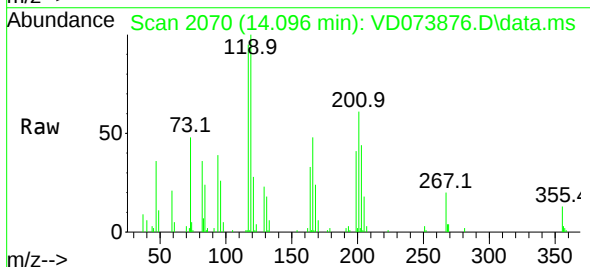
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

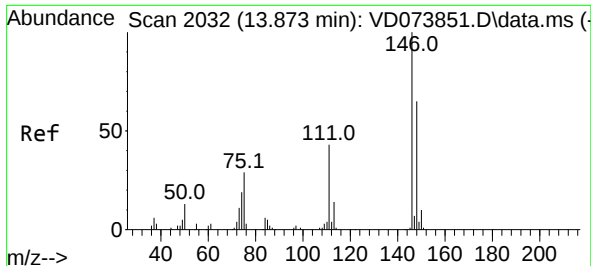
Tgt Ion: 91 Resp: 162554
Ion Ratio Lower Upper
91 100
92 53.6 26.6 79.8
134 26.2 12.3 36.9



#90
Hexachloroethane
Concen: 17.176 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion: 117 Resp: 27908
Ion Ratio Lower Upper
117 100
201 64.0 33.4 100.2

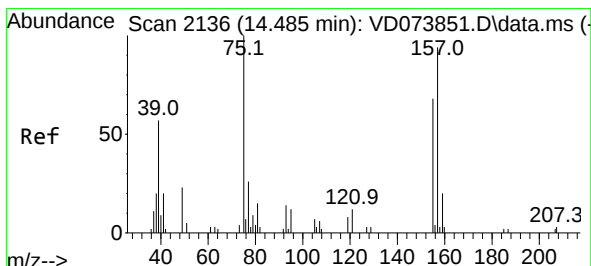
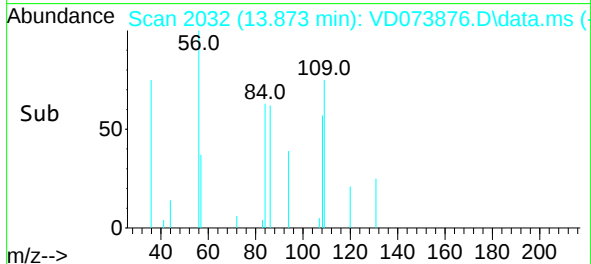
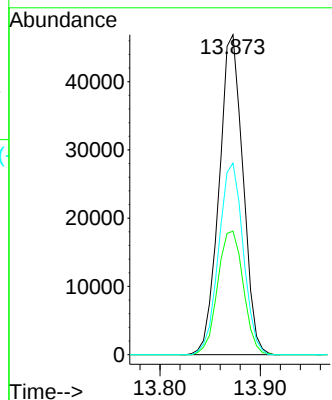
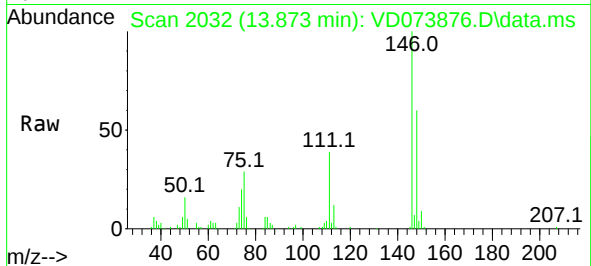




#91
1,2-Dichlorobenzene
Concen: 21.465 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

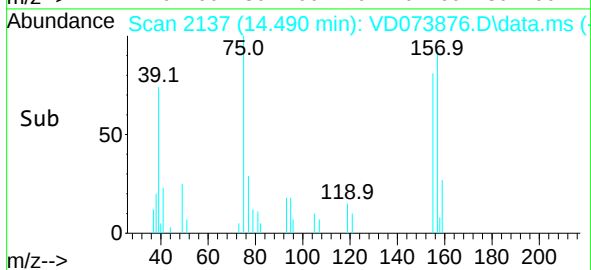
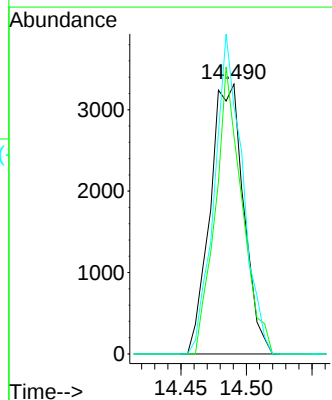
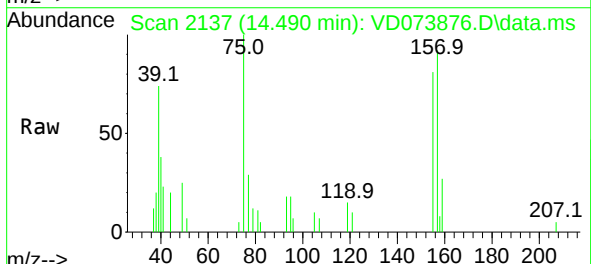
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

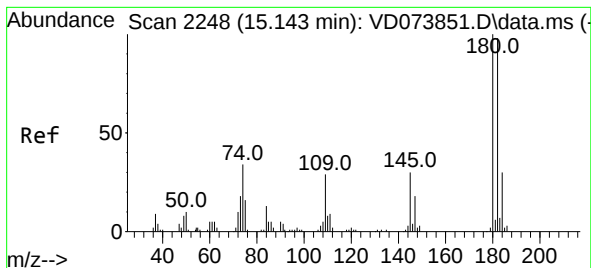
Tgt Ion:146 Resp: 77552
Ion Ratio Lower Upper
146 100
111 41.4 21.1 63.3
148 61.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.585 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion: 75 Resp: 5890
Ion Ratio Lower Upper
75 100
155 84.4 36.8 110.3
157 99.4 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 20.422 ug/l

RT: 15.137 min Scan# 2247

Delta R.T. -0.006 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS01

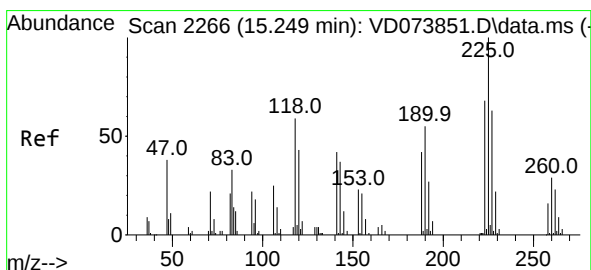
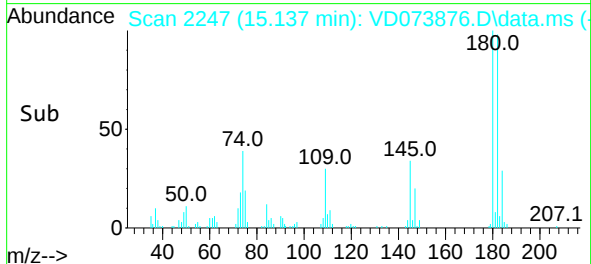
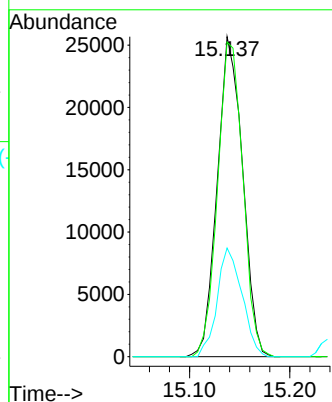
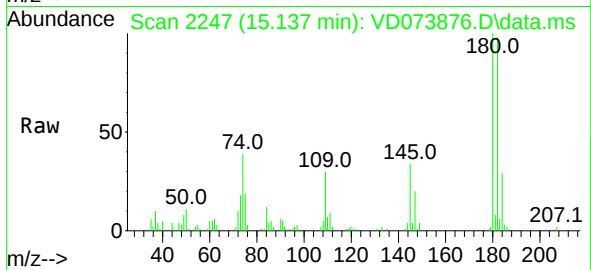
Tgt Ion:180 Resp: 45046

Ion Ratio Lower Upper

180 100

182 97.8 47.3 142.0

145 33.2 16.2 48.5



#94

Hexachlorobutadiene

Concen: 21.444 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.000 min

Lab File: VD073876.D

Acq: 20 Jul 2022 12:26

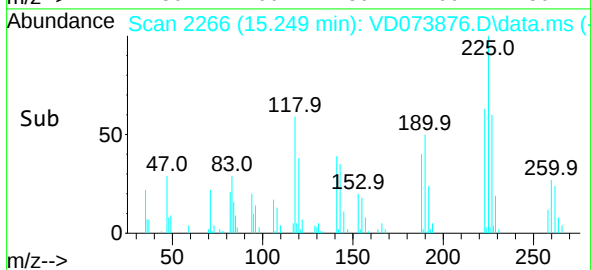
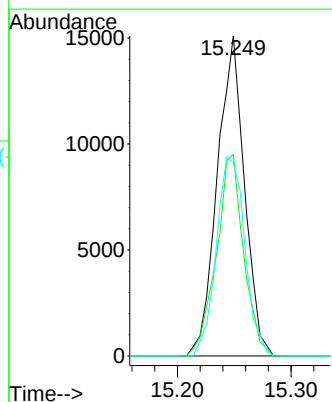
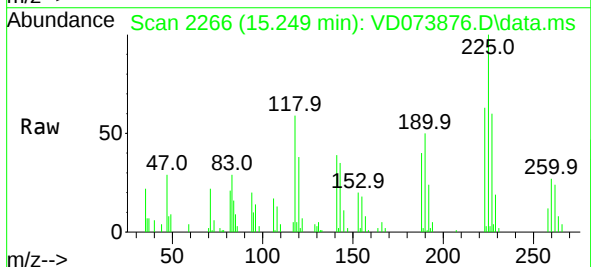
Tgt Ion:225 Resp: 25066

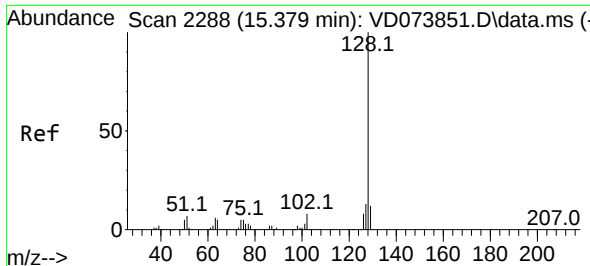
Ion Ratio Lower Upper

225 100

223 63.3 31.1 93.2

227 65.4 32.4 97.0

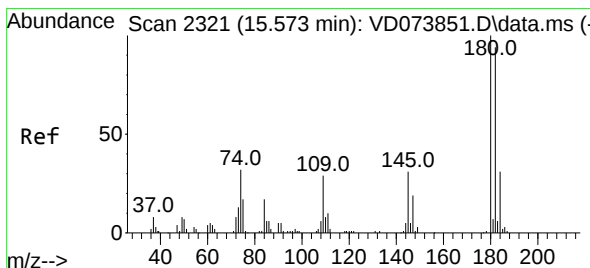
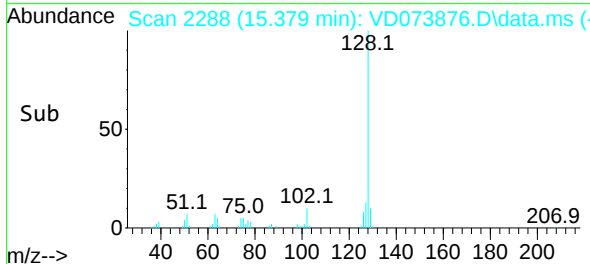
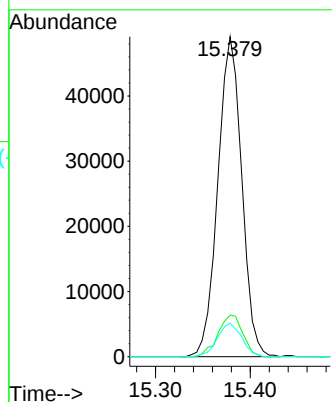
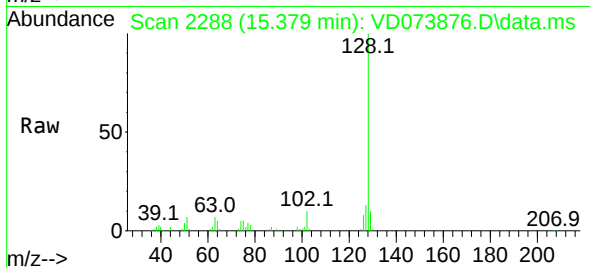




#95
Naphthalene
Concen: 21.696 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS01

Tgt Ion:128	Resp:	86018
Ion Ratio	Lower	Upper
128	100	
127	13.6	10.3 15.5
129	10.7	8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 22.077 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. -0.006 min
Lab File: VD073876.D
Acq: 20 Jul 2022 12:26

Tgt Ion:180	Resp:	41402
Ion Ratio	Lower	Upper
180	100	
182	93.3	47.6 142.9
145	33.1	17.1 51.3

