

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072122\
 Data File : VD073891.D
 Acq On : 21 Jul 2022 12:25
 Operator : VA/SY
 Sample : VD0721SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

Quant Time: Jul 22 01:18:26 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	7.967	168	142322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	233725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	213343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	109382	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	85780	50.474	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.940%	
35) Dibromofluoromethane	7.909	113	88954	53.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.900%	
50) Toluene-d8	10.332	98	317714	53.078	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.160%	
62) 4-Bromofluorobenzene	12.614	95	110515	53.699	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	31118	22.824	ug/l	97
3) Chloromethane	2.209	50	52973	21.979	ug/l	100
4) Vinyl Chloride	2.344	62	68523	20.890	ug/l	99
5) Bromomethane	2.744	94	37122	16.743	ug/l	97
6) Chloroethane	2.909	64	43931	19.870	ug/l	98
7) Trichlorofluoromethane	3.256	101	64824	22.100	ug/l	95
8) Diethyl Ether	3.703	74	14774	20.533	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.085	101	35862	22.034	ug/l	97
10) Methyl Iodide	4.291	142	32695	20.392	ug/l	97
11) Tert butyl alcohol	5.232	59	10411	89.211	ug/l #	87
12) 1,1-Dichloroethene	4.062	96	32092	22.189	ug/l	87
13) Acrolein	3.921	56	7453	94.476	ug/l	99
14) Allyl chloride	4.709	41	41157	19.496	ug/l #	85
15) Acrylonitrile	5.409	53	32079	109.236	ug/l	97
16) Acetone	4.156	43	25520	91.513	ug/l	100
17) Carbon Disulfide	4.397	76	95275	20.616	ug/l	97
18) Methyl Acetate	4.720	43	16663	23.601	ug/l #	86
19) Methyl tert-butyl Ether	5.473	73	75019	21.655	ug/l	92
20) Methylene Chloride	4.956	84	59941	24.377	ug/l #	84
21) trans-1,2-Dichloroethene	5.468	96	37150	21.728	ug/l #	82
22) Diisopropyl ether	6.362	45	93425	20.796	ug/l #	92
23) Vinyl Acetate	6.297	43	208383	84.980	ug/l #	89
24) 1,1-Dichloroethane	6.262	63	62301	20.996	ug/l	99
25) 2-Butanone	7.209	43	39946	100.922	ug/l	92
26) 2,2-Dichloropropane	7.203	77	58675	22.268	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	40480	21.030	ug/l	89
28) Bromochloromethane	7.538	49	21627	19.426	ug/l #	73
29) Tetrahydrofuran	7.556	42	26317	109.651	ug/l #	88
30) Chloroform	7.703	83	68624	21.011	ug/l	98
31) Cyclohexane	7.979	56	55349	20.497	ug/l #	84
32) 1,1,1-Trichloroethane	7.891	97	64511	21.230	ug/l	97
36) 1,1-Dichloropropene	8.103	75	52142	21.920	ug/l	96
37) Ethyl Acetate	7.285	43	20542	24.016	ug/l	97
38) Carbon Tetrachloride	8.091	117	56210	20.691	ug/l	96
39) Methylcyclohexane	9.350	83	59454	21.442	ug/l	94
40) Benzene	8.344	78	136156	21.039	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	11957	22.496	ug/l #	89
42) 1,2-Dichloroethane	8.414	62	43273	21.847	ug/l	99
43) Isopropyl Acetate	8.444	43	38182	22.338	ug/l #	92
44) Trichloroethene	9.103	130	40440	22.390	ug/l	97
45) 1,2-Dichloropropane	9.379	63	34347	21.957	ug/l	93
46) Dibromomethane	9.461	93	21693	22.863	ug/l	98
47) Bromodichloromethane	9.656	83	53067	21.601	ug/l #	100
48) Methyl methacrylate	9.444	41	17141	20.454	ug/l #	77
49) 1,4-Dioxane	9.450	88	4255	428.588	ug/l	89
51) 4-Methyl-2-Pentanone	10.220	43	93888	109.871	ug/l	95
52) Toluene	10.391	92	95252	21.869	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	47086	21.711	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	52932	21.093	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	26811	22.214	ug/l	97
56) Ethyl methacrylate	10.650	69	31037	22.212	ug/l	88
57) 1,3-Dichloropropane	10.938	76	45210	22.025	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	51334	68.704	ug/l	91
59) 2-Hexanone	10.973	43	64400	110.293	ug/l	94
60) Dibromochloromethane	11.126	129	35591	21.768	ug/l	99
61) 1,2-Dibromoethane	11.232	107	27850	22.806	ug/l	97
64) Tetrachloroethene	10.867	164	36932	25.956	ug/l	98
65) Chlorobenzene	11.661	112	99561	22.659	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.732	131	37246	22.305	ug/l	97
67) Ethyl Benzene	11.732	91	175389	21.619	ug/l	98
68) m/p-Xylenes	11.844	106	137408	43.333	ug/l	98
69) o-Xylene	12.167	106	64842	21.841	ug/l	92
70) Styrene	12.179	104	111251	21.919	ug/l	97
71) Bromoform	12.344	173	20064	22.205	ug/l #	99
73) Isopropylbenzene	12.467	105	171869	20.745	ug/l	99
74) N-amyl acetate	12.273	43	35374	21.647	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	30705	21.443	ug/l	97
76) 1,2,3-Trichloropropane	12.761	75	38855	33.107	ug/l #	100
77) Bromobenzene	12.744	156	40196	21.832	ug/l	86
78) n-propylbenzene	12.808	91	211197	20.897	ug/l	97
79) 2-Chlorotoluene	12.891	91	119635	21.101	ug/l	95
80) 1,3,5-Trimethylbenzene	12.944	105	146806	21.022	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	9036	20.776	ug/l	95
82) 4-Chlorotoluene	12.991	91	126238	21.055	ug/l	96
83) tert-Butylbenzene	13.208	119	125384	20.999	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	148270	21.316	ug/l	99
85) sec-Butylbenzene	13.385	105	190806	21.192	ug/l	99
86) p-Isopropyltoluene	13.502	119	159039	20.978	ug/l	98
87) 1,3-Dichlorobenzene	13.496	146	83910	21.763	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	83848	22.000	ug/l	99
89) n-Butylbenzene	13.826	91	151555	21.055	ug/l	99
90) Hexachloroethane	14.096	117	27559	18.396	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	72949	21.899	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	4876	20.278	ug/l	81
93) 1,2,4-Trichlorobenzene	15.138	180	42060	20.682	ug/l	96
94) Hexachlorobutadiene	15.243	225	24253	22.503	ug/l	93
95) Naphthalene	15.379	128	80164	21.930	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	37793	21.858	ug/l	98

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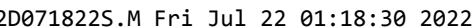
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MSVOA_D
ClientSampleId :
VD0721SBS01

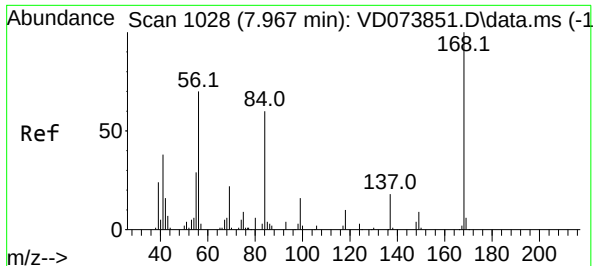
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Quant Title : SW846 8260
QLast Update : Wed Jul 20 15:29:08 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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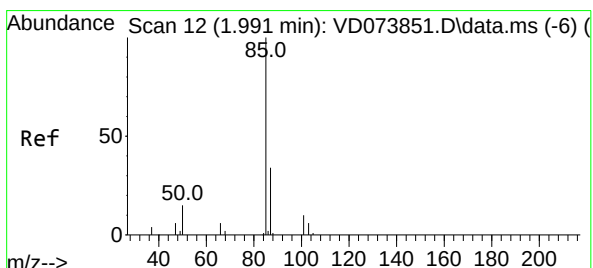
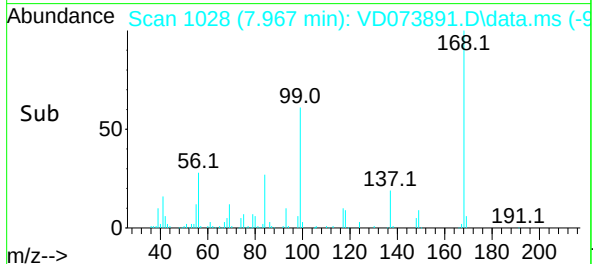
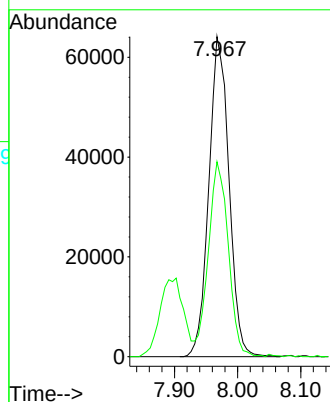
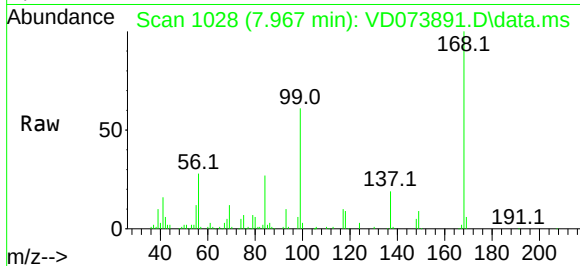




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD073891.D
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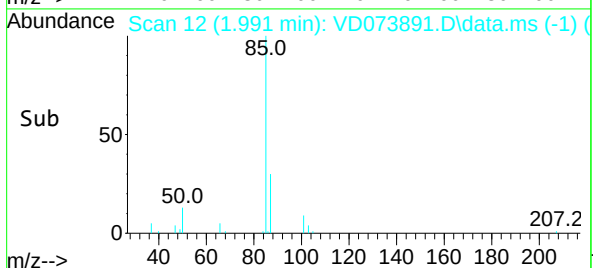
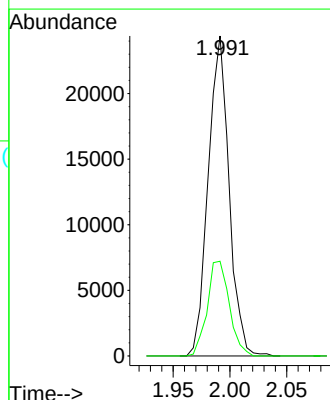
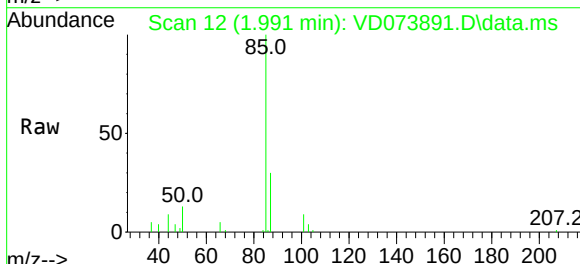
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

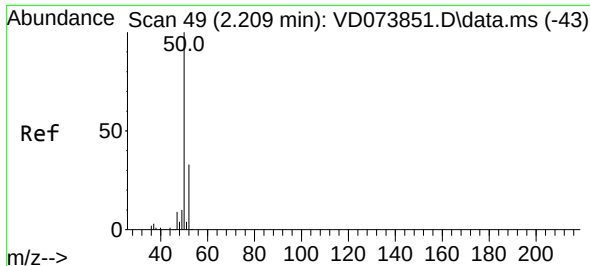
Tgt Ion:168 Resp: 142322
Ion Ratio Lower Upper
168 100
99 60.6 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 22.824 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion: 85 Resp: 31118
Ion Ratio Lower Upper
85 100
87 29.6 15.7 47.0

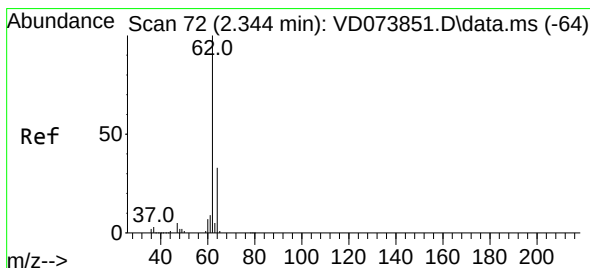
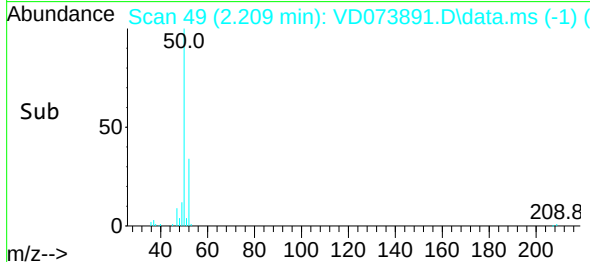
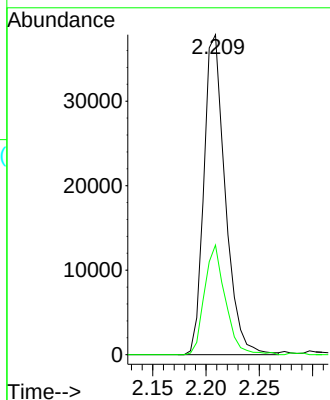
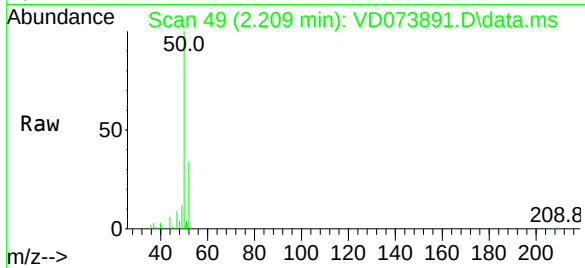




#3
Chloromethane
Concen: 21.979 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

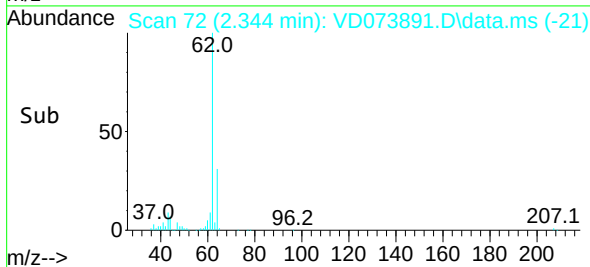
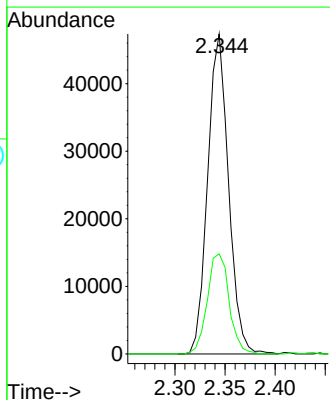
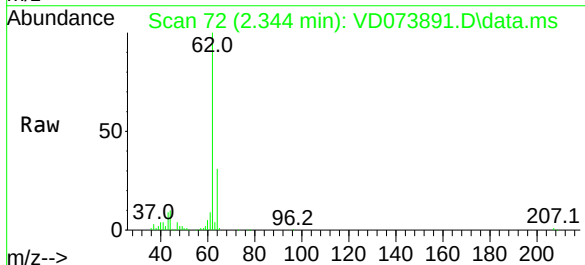
Instrument :
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ClientSampleId :
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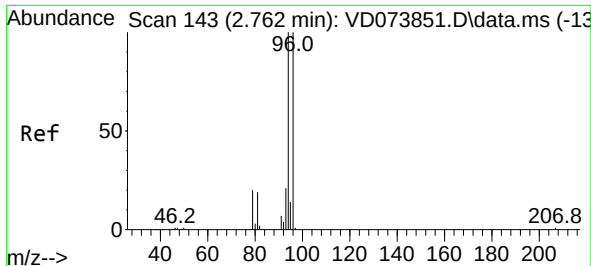
Tgt Ion: 50 Resp: 52973
Ion Ratio Lower Upper
50 100
52 34.3 27.4 41.0



#4
Vinyl Chloride
Concen: 20.890 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion: 62 Resp: 68523
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0

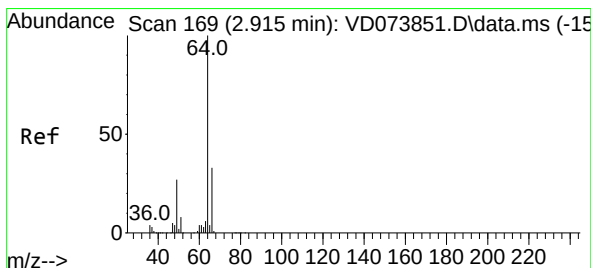
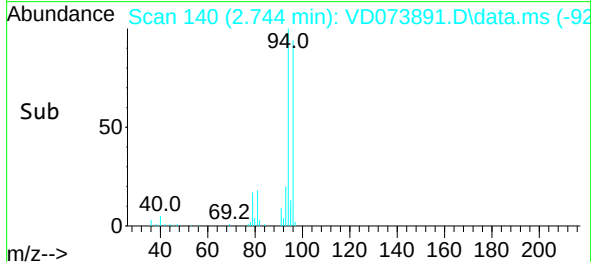
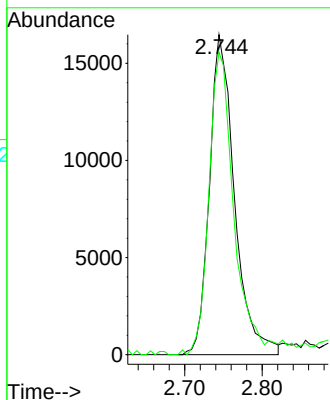
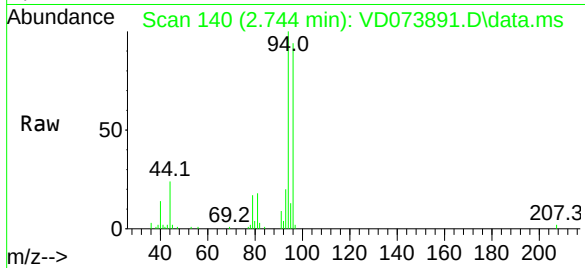




#5
Bromomethane
Concen: 16.743 ug/l
RT: 2.744 min Scan# 14
Delta R.T. -0.018 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

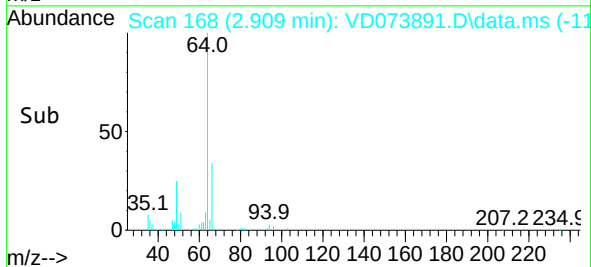
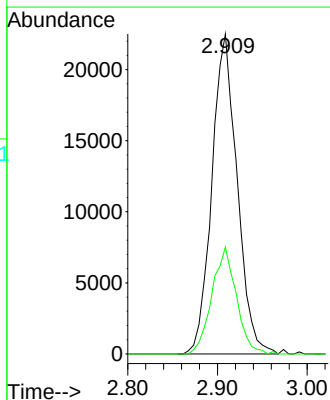
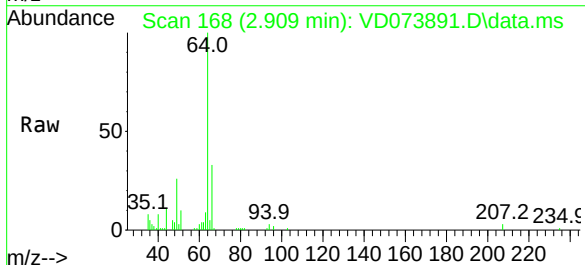
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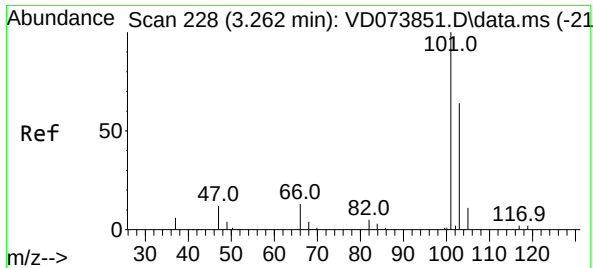
Tgt Ion: 94 Resp: 37122
Ion Ratio Lower Upper
94 100
96 94.5 77.6 116.4



#6
Chloroethane
Concen: 19.870 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion: 64 Resp: 43931
Ion Ratio Lower Upper
64 100
66 33.4 25.9 38.9

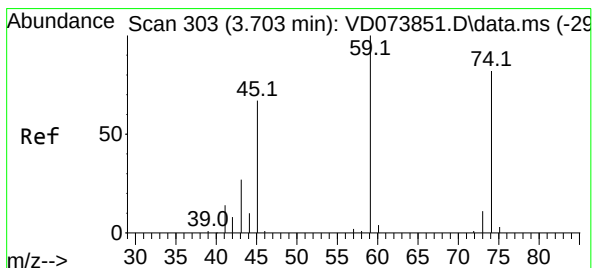
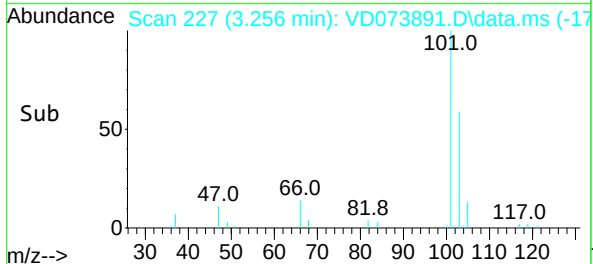
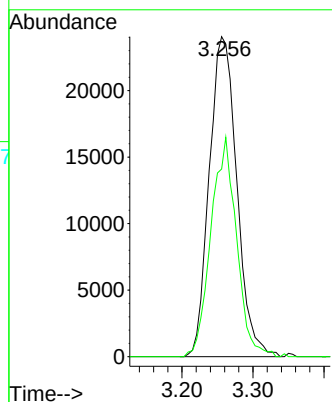
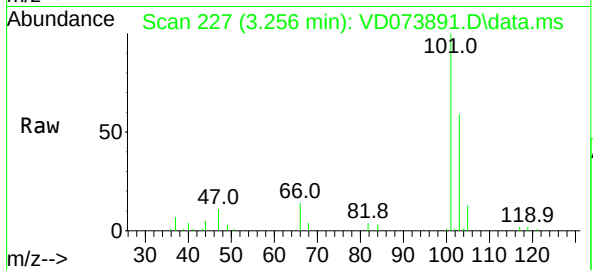




#7
 Trichlorofluoromethane
 Concen: 22.100 ug/l
 RT: 3.256 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073891.D
 Acq: 21 Jul 2022 12:25

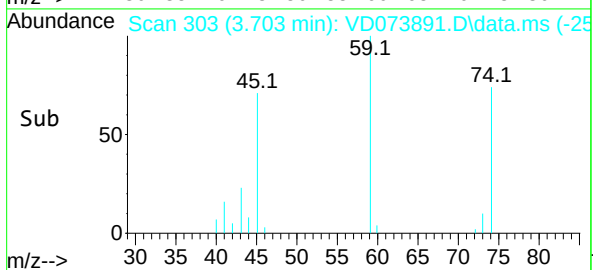
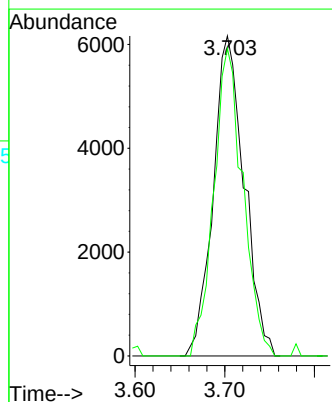
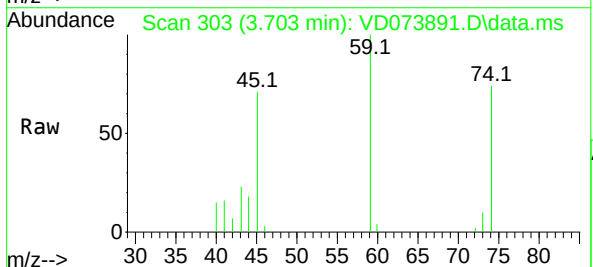
Instrument :
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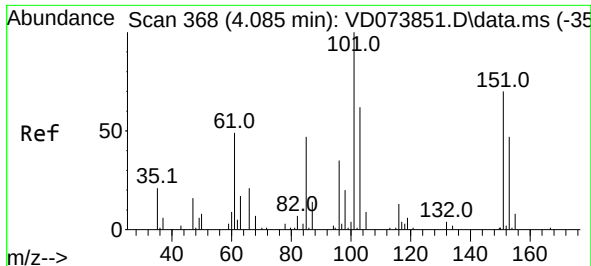
Tgt Ion:101 Resp: 64824
 Ion Ratio Lower Upper
 101 100
 103 58.7 50.1 75.1



#8
 Diethyl Ether
 Concen: 20.533 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. 0.000 min
 Lab File: VD073891.D
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Tgt Ion: 74 Resp: 14774
 Ion Ratio Lower Upper
 74 100
 45 90.3 52.6 157.8

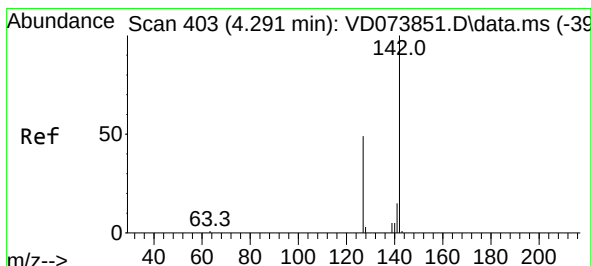
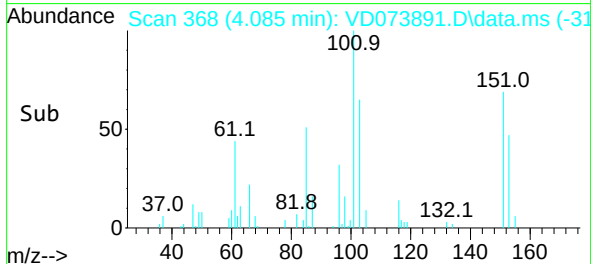
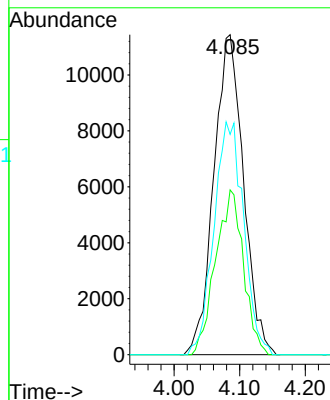
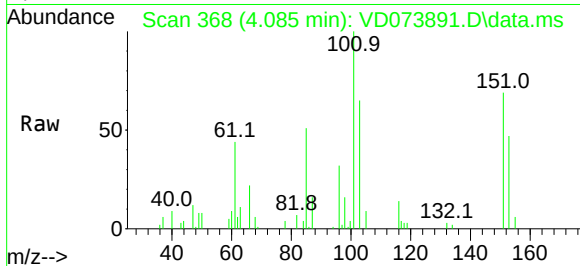




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.034 ug/l
RT: 4.085 min Scan# 368
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

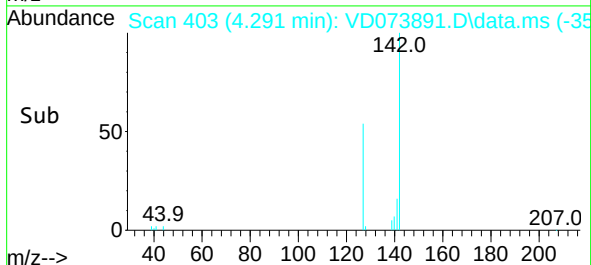
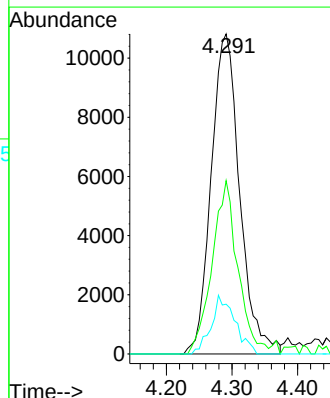
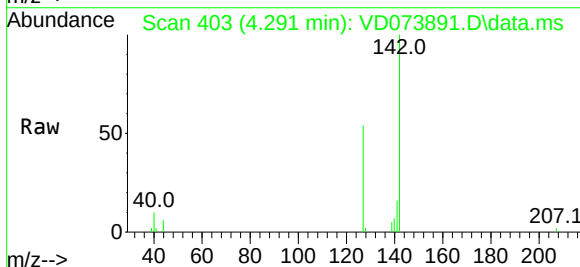
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

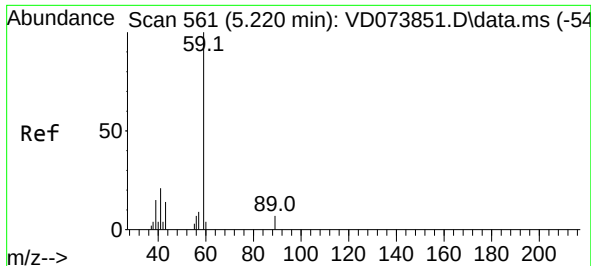
Tgt Ion:101 Resp: 35862
Ion Ratio Lower Upper
101 100
85 48.5 36.4 54.6
151 73.1 57.3 85.9



#10
Methyl Iodide
Concen: 20.392 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion:142 Resp: 32695
Ion Ratio Lower Upper
142 100
127 48.7 37.3 55.9
141 15.3 11.7 17.5

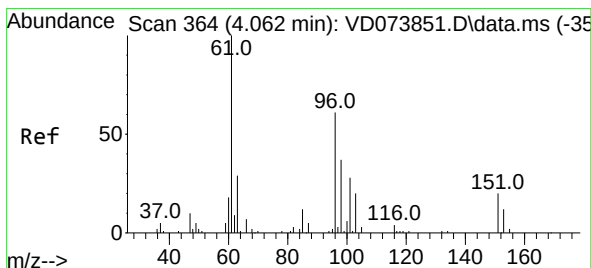
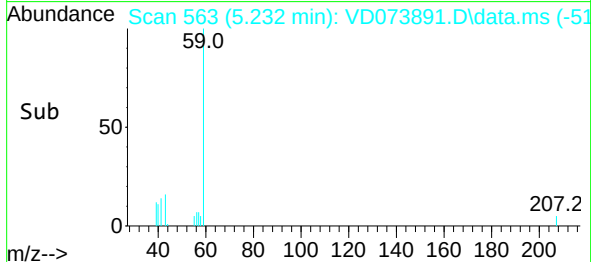
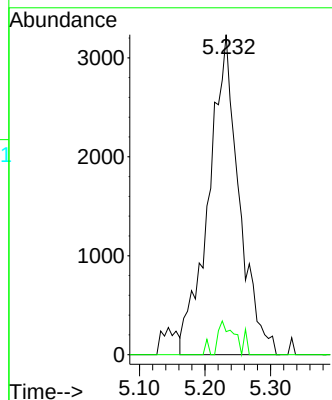
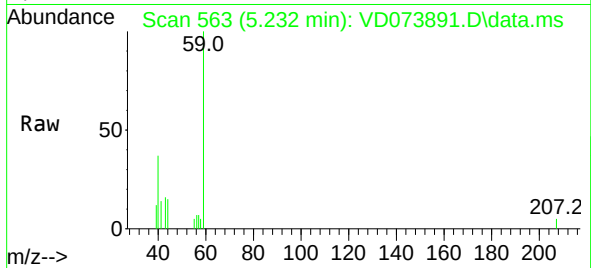




#11
Tert butyl alcohol
Concen: 89.211 ug/l
RT: 5.232 min Scan# 501
Delta R.T. 0.012 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

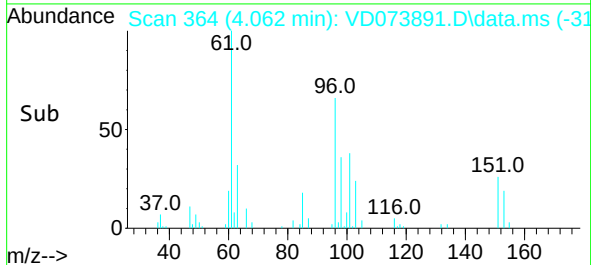
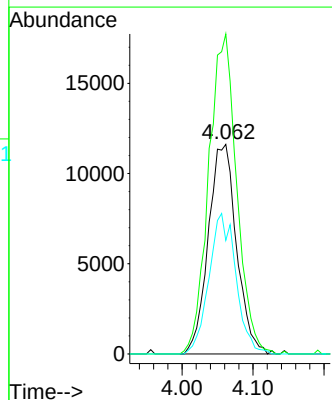
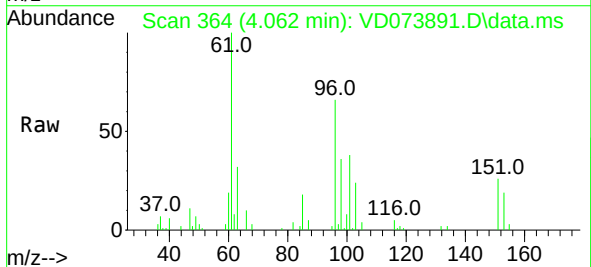
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

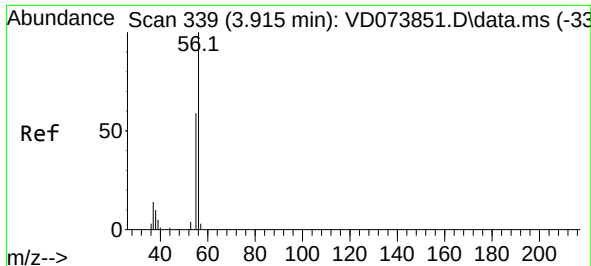
Tgt Ion: 59 Resp: 10411
Ion Ratio Lower Upper
59 100
57 5.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 22.189 ug/l
RT: 4.062 min Scan# 364
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion: 96 Resp: 32092
Ion Ratio Lower Upper
96 100
61 152.6 138.5 207.7
98 54.2 48.6 73.0





#13

Acrolein

Concen: 94.476 ug/l

RT: 3.921 min Scan# 34

Delta R.T. 0.006 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

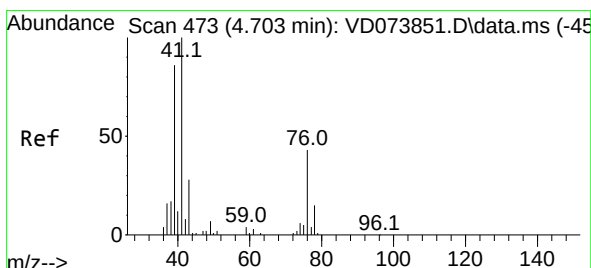
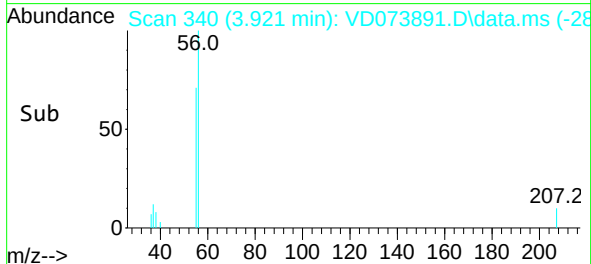
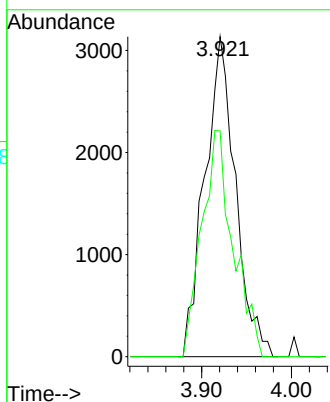
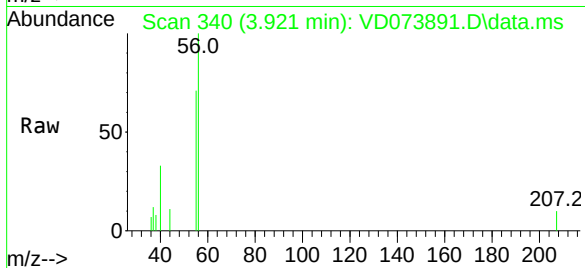
VD0721SBS01

Tgt Ion: 56 Resp: 7453

Ion Ratio Lower Upper

56 100

55 72.1 57.1 85.7



#14

Allyl chloride

Concen: 19.496 ug/l

RT: 4.709 min Scan# 474

Delta R.T. 0.006 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

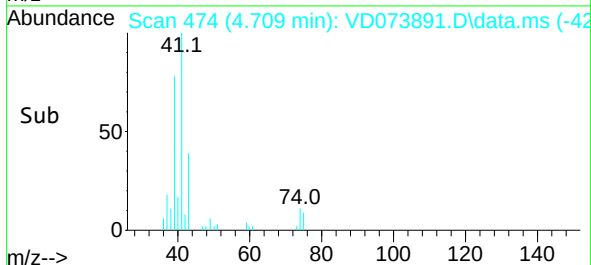
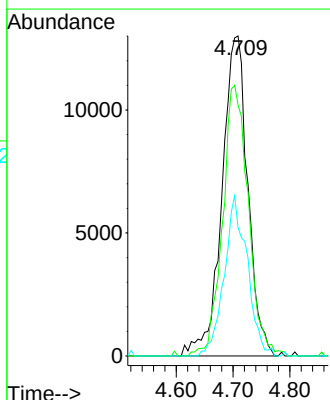
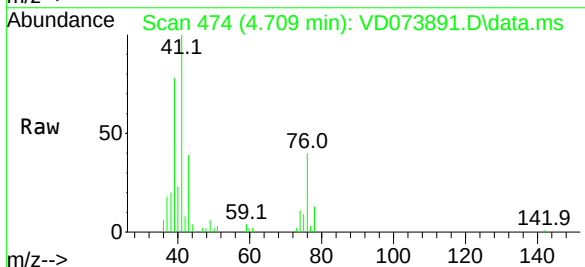
Tgt Ion: 41 Resp: 41157

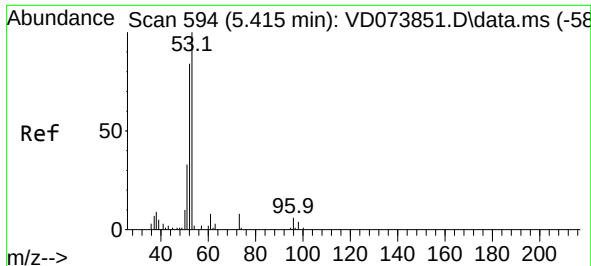
Ion Ratio Lower Upper

41 100

39 84.1 59.3 88.9

76 44.6 25.7 38.5#

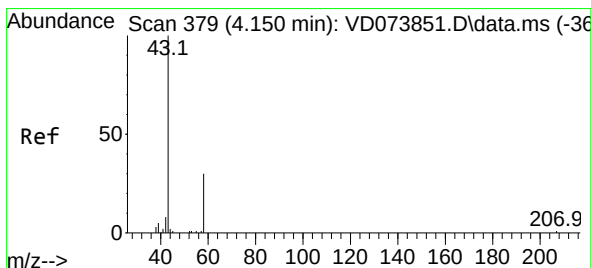
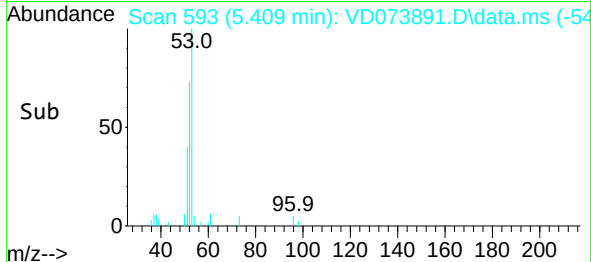
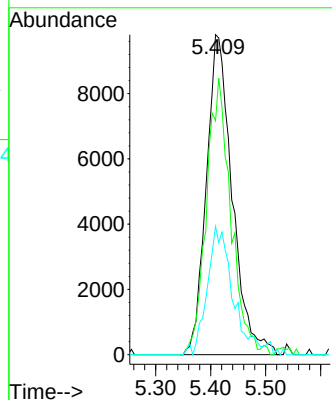
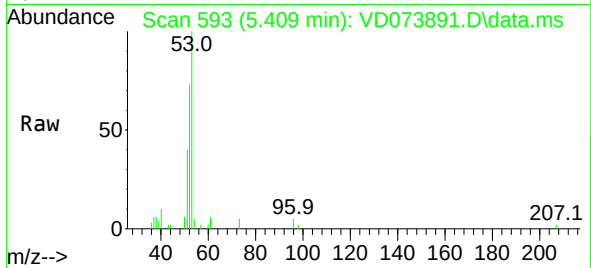




#15
Acrylonitrile
Concen: 109.236 ug/l
RT: 5.409 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

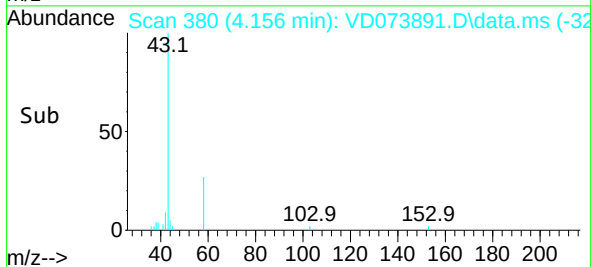
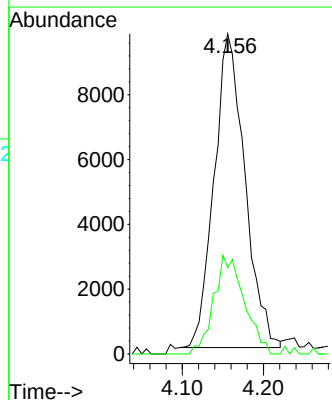
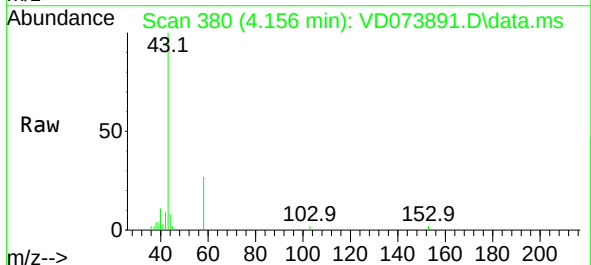
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

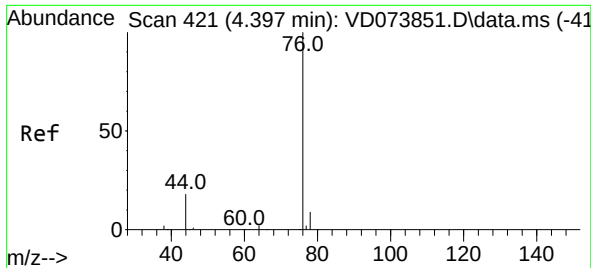
Tgt Ion: 53 Resp: 32079
Ion Ratio Lower Upper
53 100
52 81.2 67.2 100.8
51 39.3 30.3 45.5



#16
Acetone
Concen: 91.513 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion: 43 Resp: 25520
Ion Ratio Lower Upper
43 100
58 27.6 22.1 33.1





#17

Carbon Disulfide

Concen: 20.616 ug/l

RT: 4.397 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

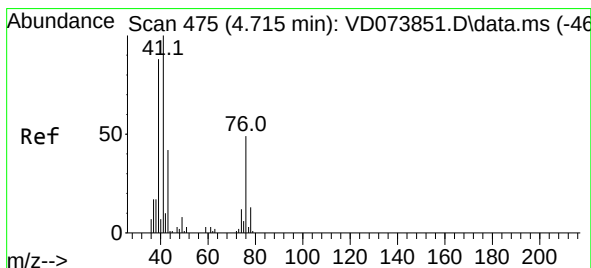
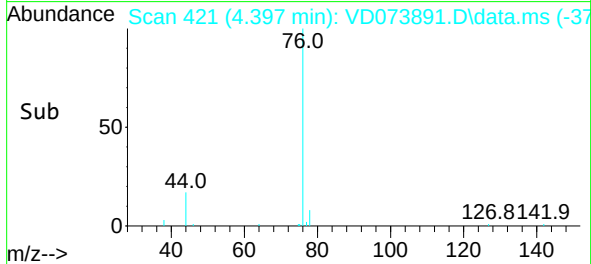
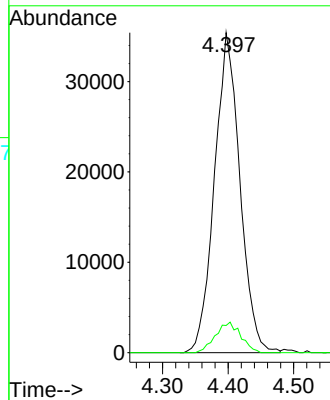
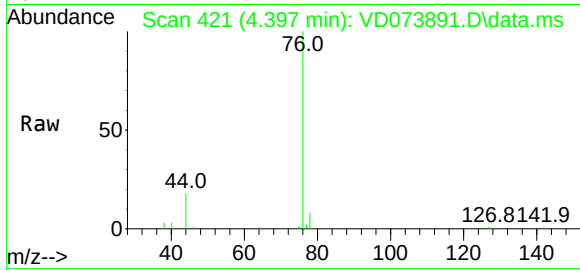
VD0721SBS01

Tgt Ion: 76 Resp: 95275

Ion Ratio Lower Upper

76 100

78 8.5 7.5 11.3



#18

Methyl Acetate

Concen: 23.601 ug/l

RT: 4.720 min Scan# 476

Delta R.T. 0.005 min

Lab File: VD073891.D

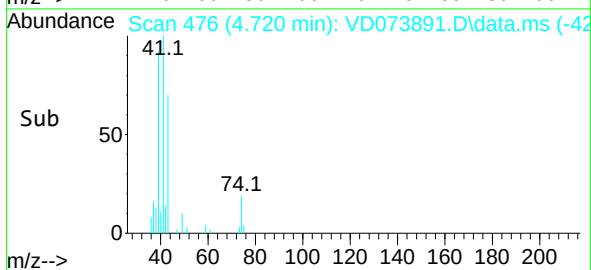
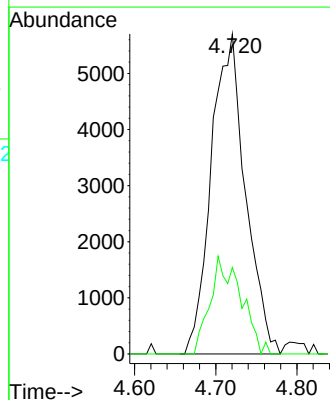
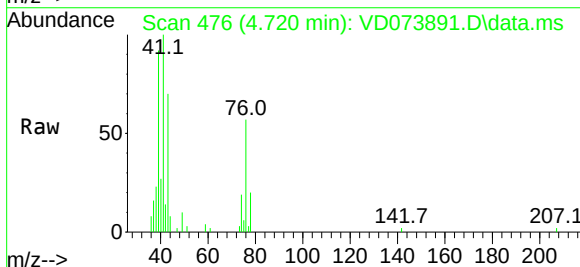
Acq: 21 Jul 2022 12:25

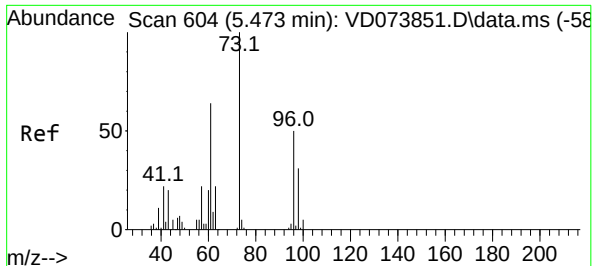
Tgt Ion: 43 Resp: 16663

Ion Ratio Lower Upper

43 100

74 27.5 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 21.655 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

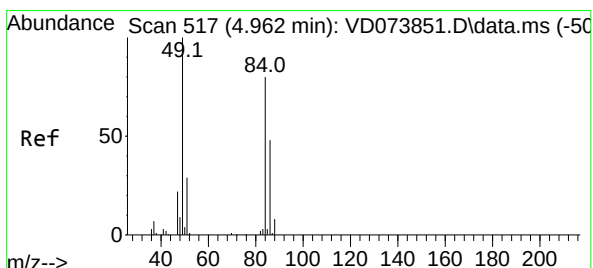
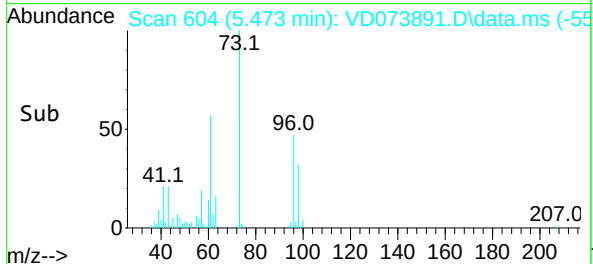
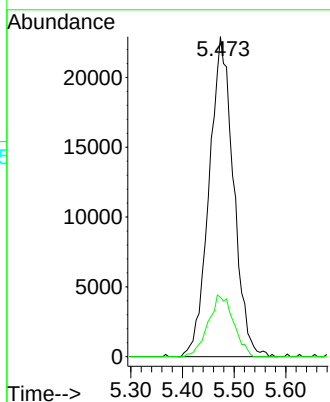
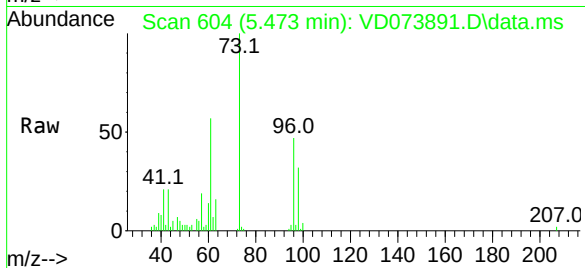
VD0721SBS01

Tgt Ion: 73 Resp: 75019

Ion Ratio Lower Upper

73 100

57 18.6 18.0 27.0



#20

Methylene Chloride

Concen: 24.377 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Tgt Ion: 84 Resp: 59941

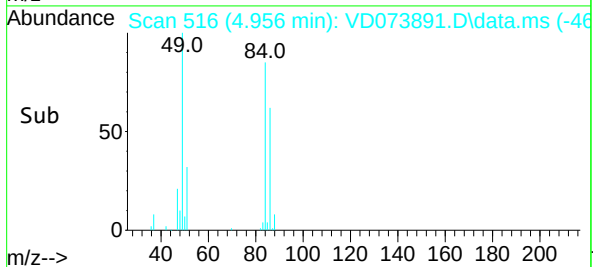
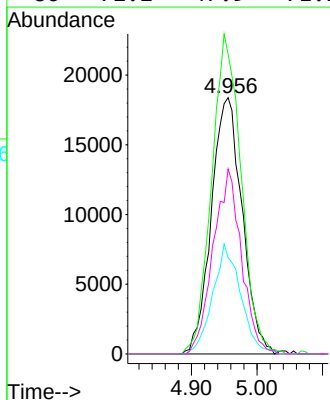
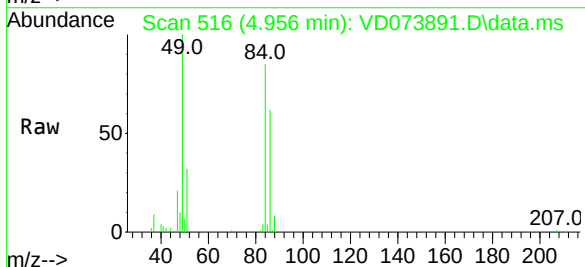
Ion Ratio Lower Upper

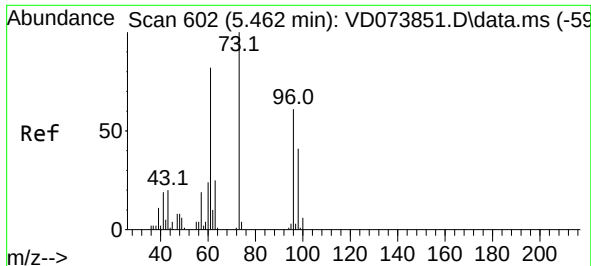
84 100

49 117.0 112.8 169.2

51 37.5 32.6 48.8

86 72.2 47.9 71.9#

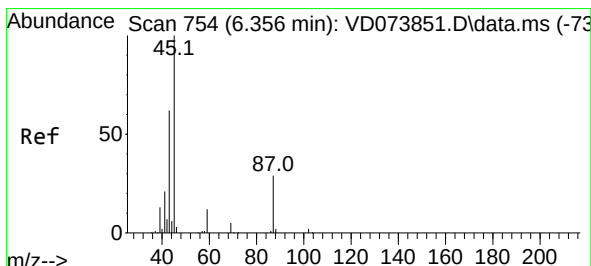
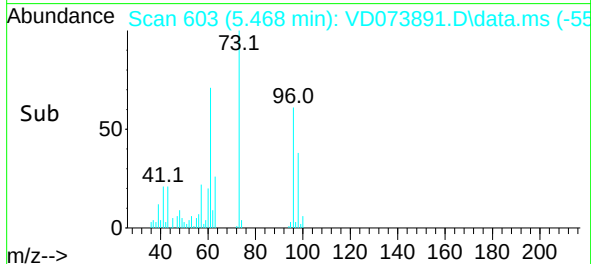
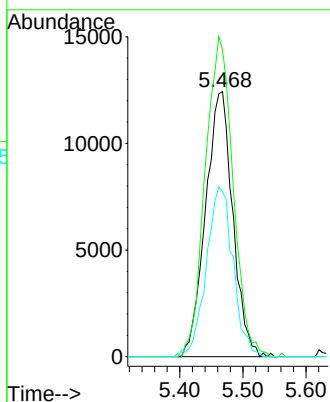
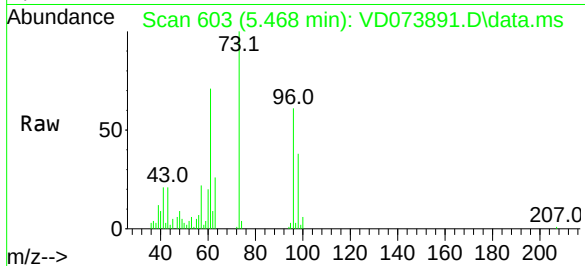




#21
trans-1,2-Dichloroethene
Concen: 21.728 ug/l
RT: 5.468 min Scan# 602
Delta R.T. 0.006 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

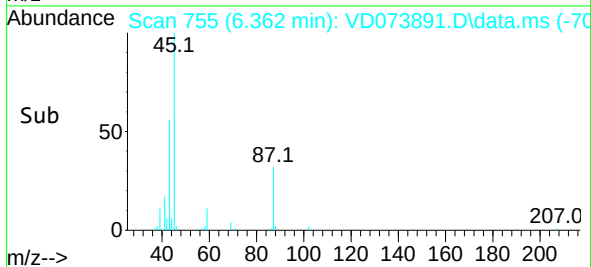
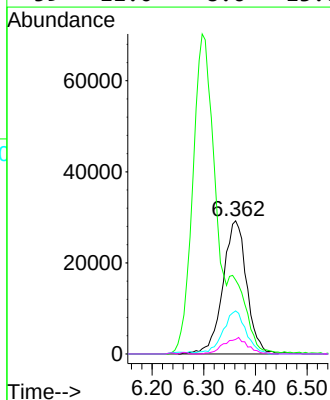
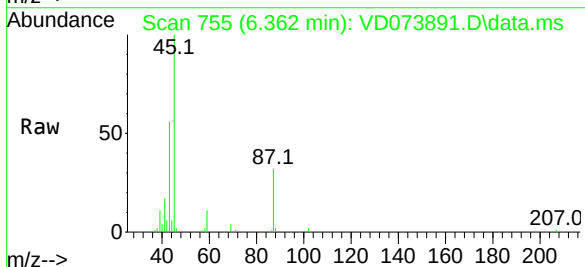
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

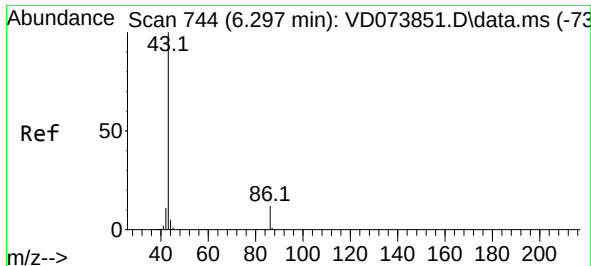
Tgt Ion: 96 Resp: 37150
Ion Ratio Lower Upper
96 100
61 115.8 117.9 176.9#
98 62.2 49.4 74.2



#22
Diisopropyl ether
Concen: 20.796 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.006 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion: 45 Resp: 93425
Ion Ratio Lower Upper
45 100
43 54.0 46.6 70.0
87 32.3 18.4 27.6#
59 11.0 8.6 13.0

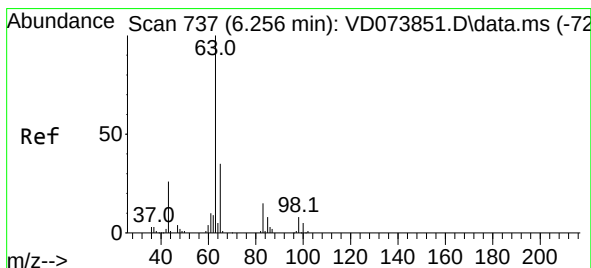
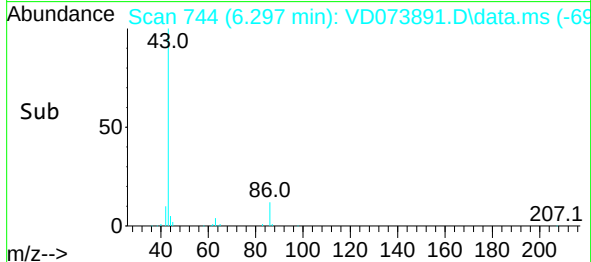
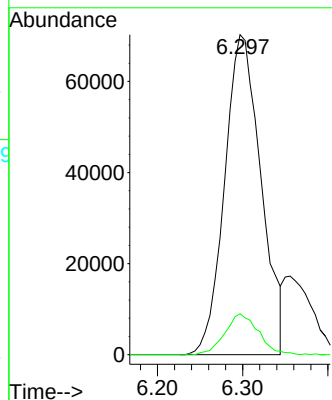
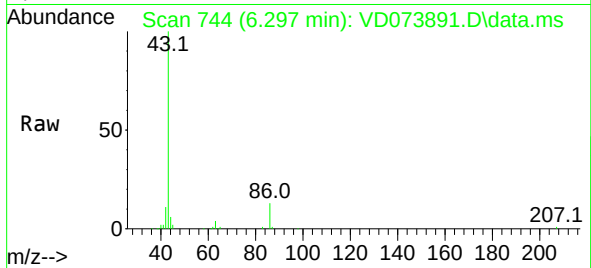




#23
 Vinyl Acetate
 Concen: 84.980 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073891.D
 Acq: 21 Jul 2022 12:25

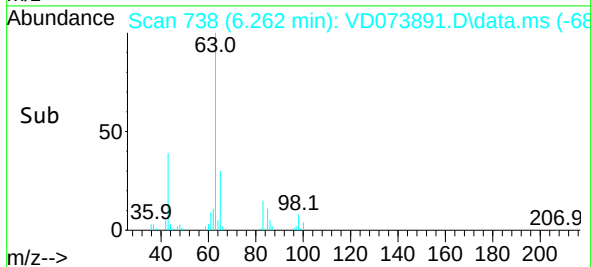
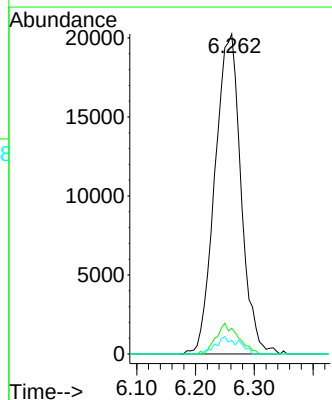
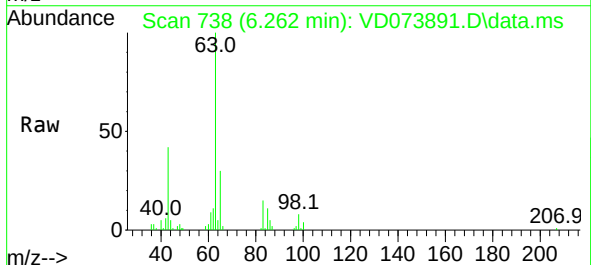
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

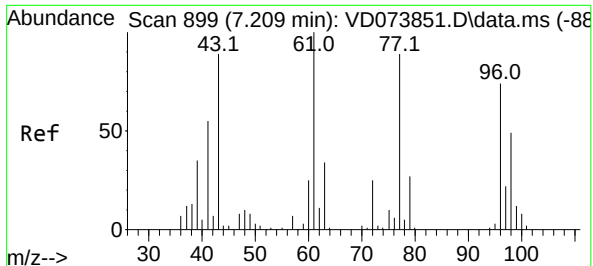
Tgt Ion: 43 Resp: 208383
 Ion Ratio Lower Upper
 43 100
 86 12.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.996 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.006 min
 Lab File: VD073891.D
 Acq: 21 Jul 2022 12:25

Tgt Ion: 63 Resp: 62301
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.9
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 100.922 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

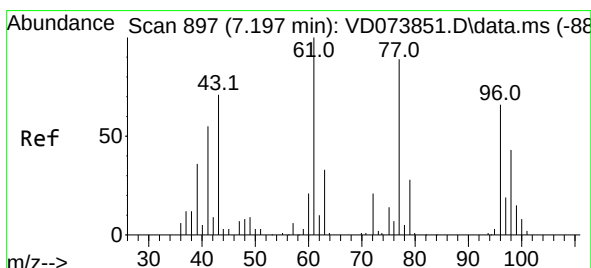
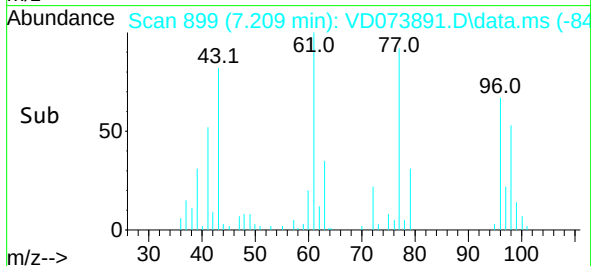
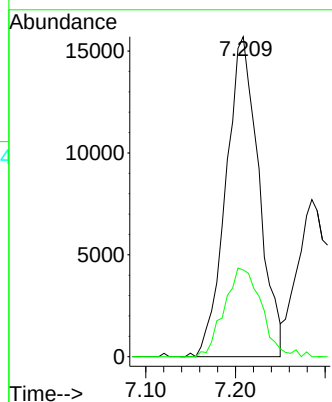
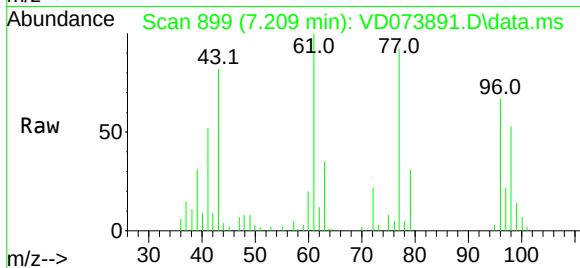
VD0721SBS01

Tgt Ion: 43 Resp: 39946

Ion Ratio Lower Upper

43 100

72 27.1 18.6 27.8



#26

2,2-Dichloropropane

Concen: 22.268 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.006 min

Lab File: VD073891.D

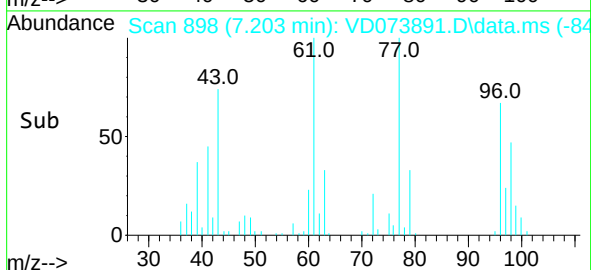
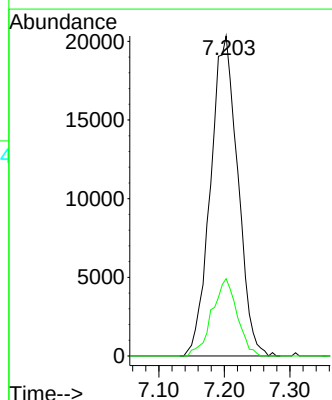
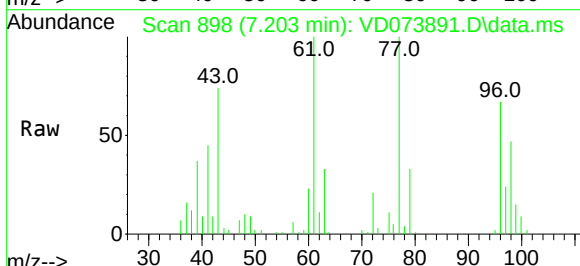
Acq: 21 Jul 2022 12:25

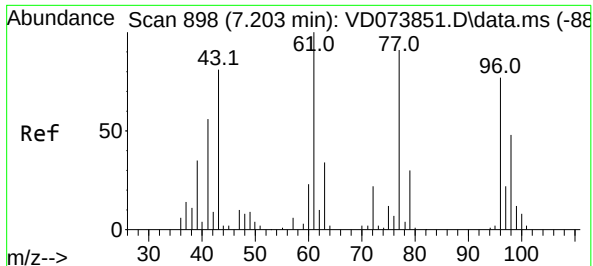
Tgt Ion: 77 Resp: 58675

Ion Ratio Lower Upper

77 100

97 22.3 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 21.030 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

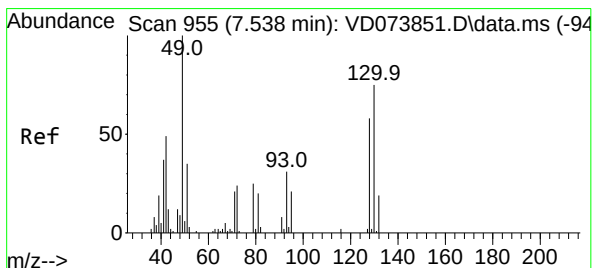
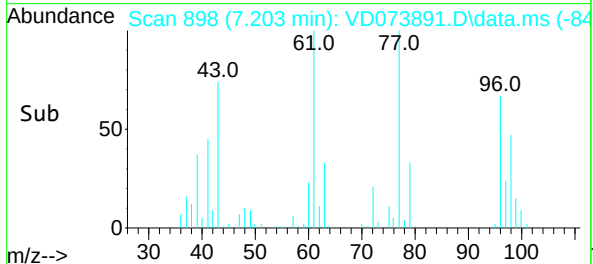
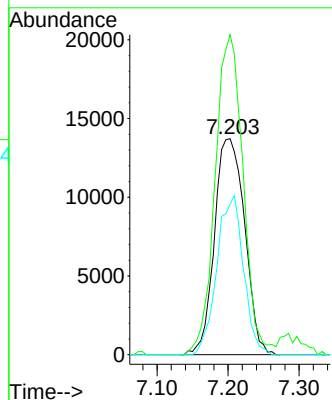
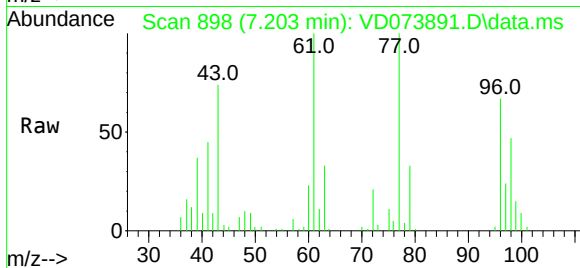
Tgt Ion: 96 Resp: 40480

Ion Ratio Lower Upper

96 100

61 136.4 0.0 313.8

98 64.8 0.0 128.8



#28

Bromochloromethane

Concen: 19.426 ug/l

RT: 7.538 min Scan# 955

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

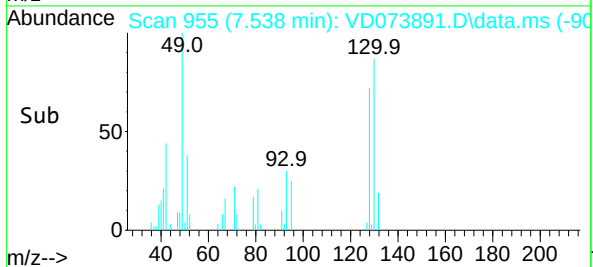
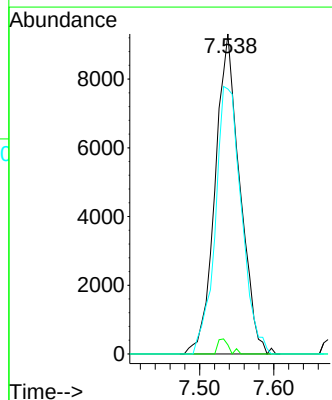
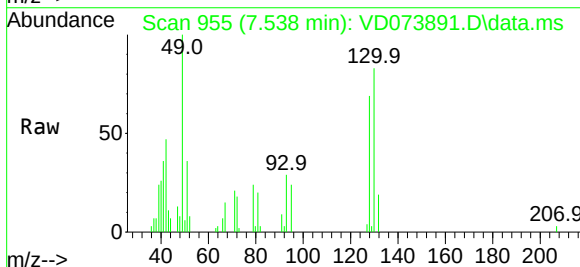
Tgt Ion: 49 Resp: 21627

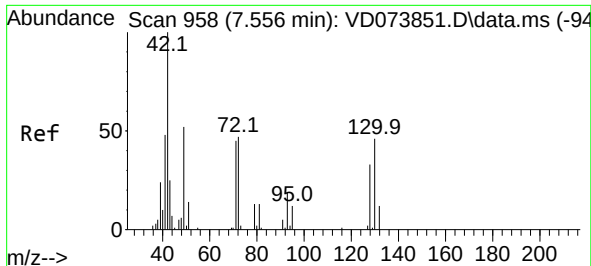
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 88.2 52.6 79.0#





#29

Tetrahydrofuran

Concen: 109.651 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

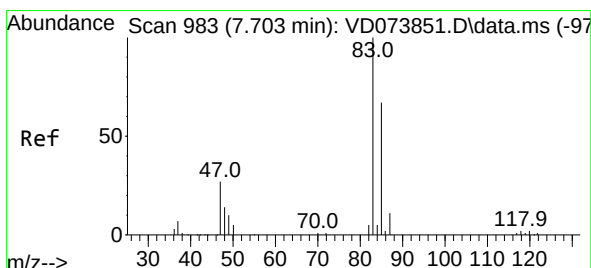
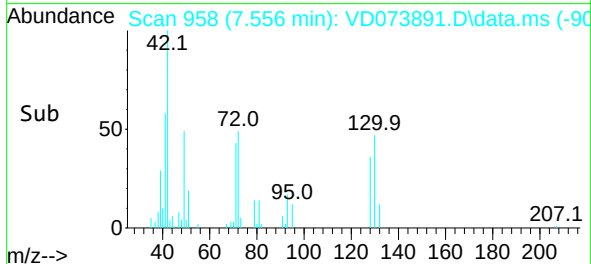
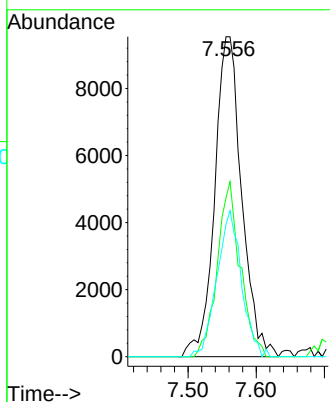
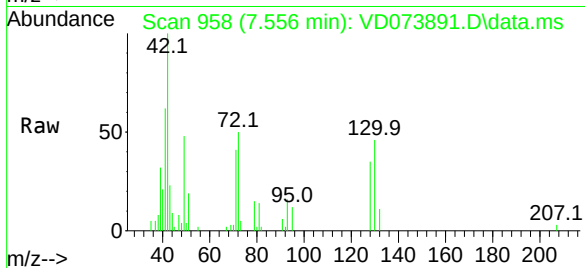
Tgt Ion: 42 Resp: 26317

Ion Ratio Lower Upper

42 100

72 46.4 30.7 46.1#

71 41.6 28.6 43.0



#30

Chloroform

Concen: 21.011 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073891.D

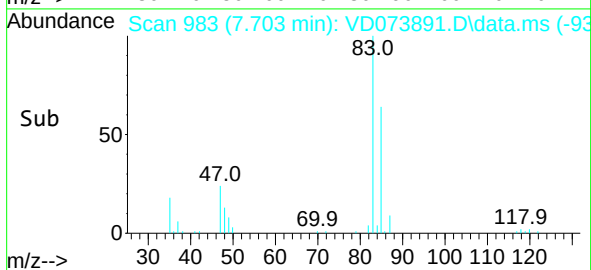
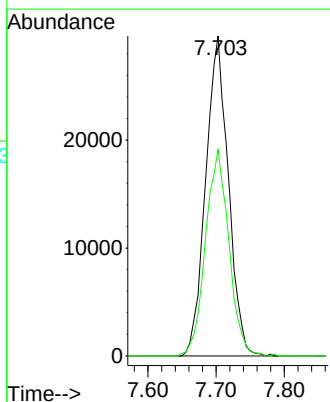
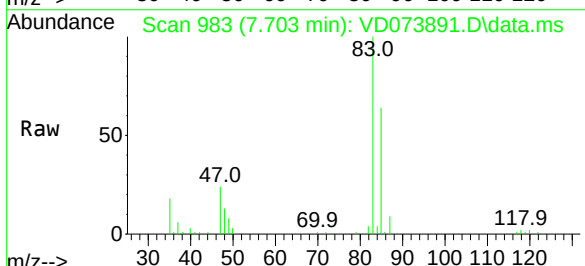
Acq: 21 Jul 2022 12:25

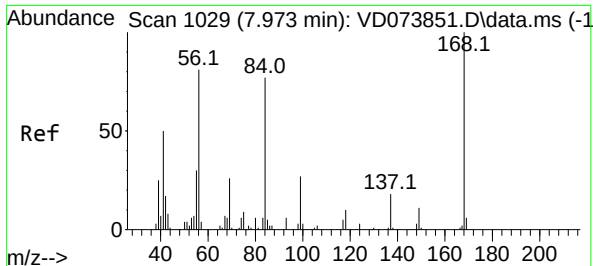
Tgt Ion: 83 Resp: 68624

Ion Ratio Lower Upper

83 100

85 64.5 52.7 79.1





#31

Cyclohexane

Concen: 20.497 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

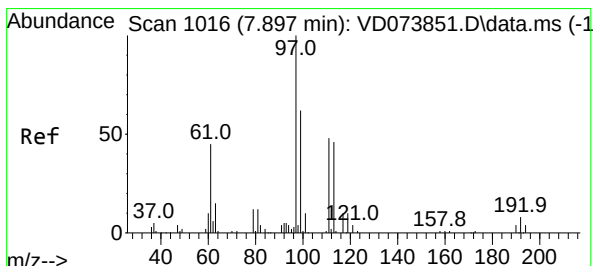
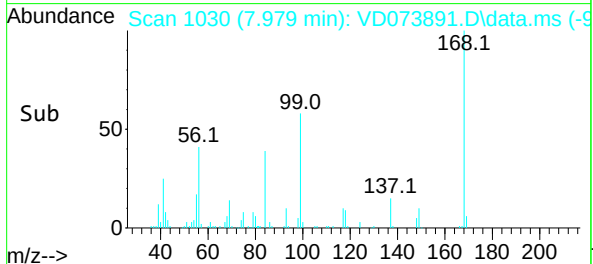
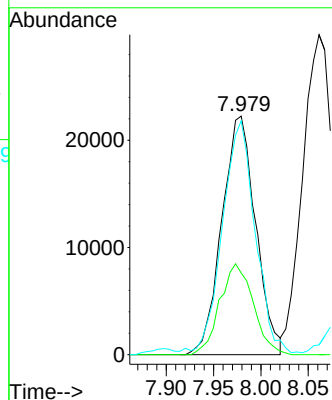
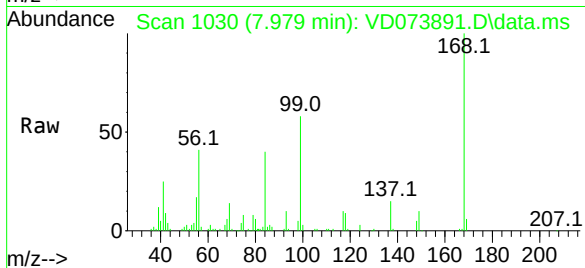
Tgt Ion: 56 Resp: 55349

Ion Ratio Lower Upper

56 100

69 34.2 25.4 38.2

84 96.6 63.0 94.4#



#32

1,1,1-Trichloroethane

Concen: 21.230 ug/l

RT: 7.891 min Scan# 1015

Delta R.T. -0.006 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

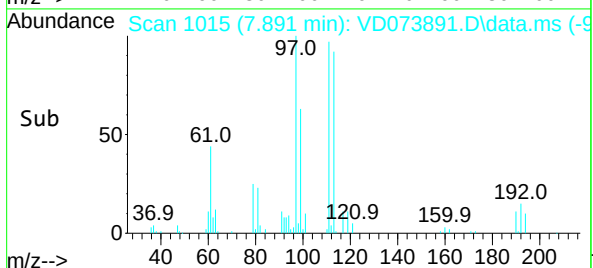
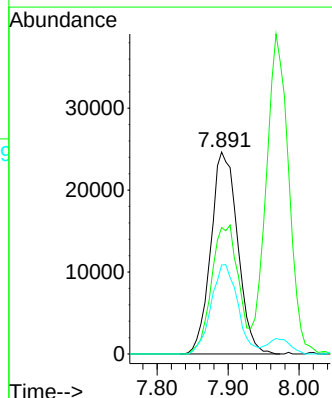
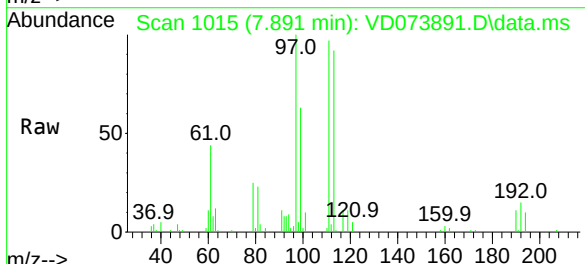
Tgt Ion: 97 Resp: 64511

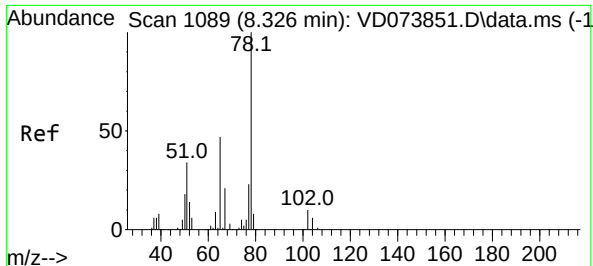
Ion Ratio Lower Upper

97 100

99 64.8 52.4 78.6

61 43.9 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 50.474 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

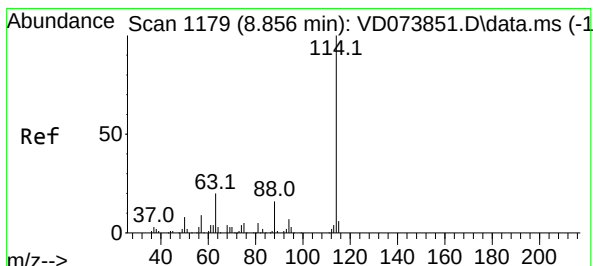
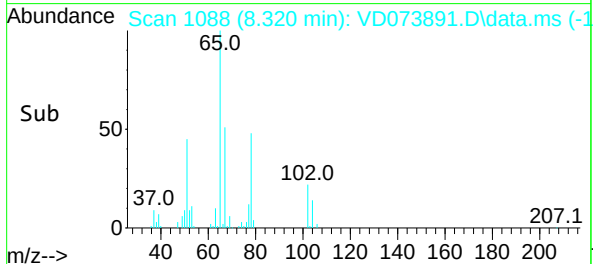
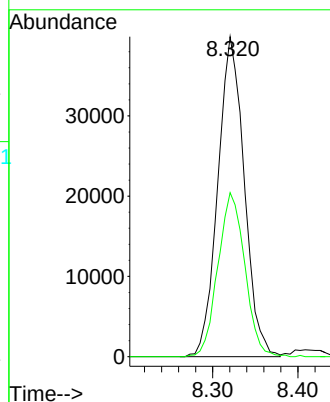
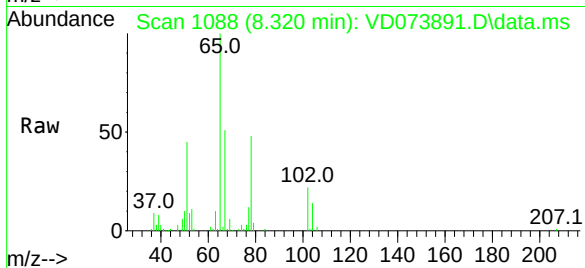
VD0721SBS01

Tgt Ion: 65 Resp: 85780

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

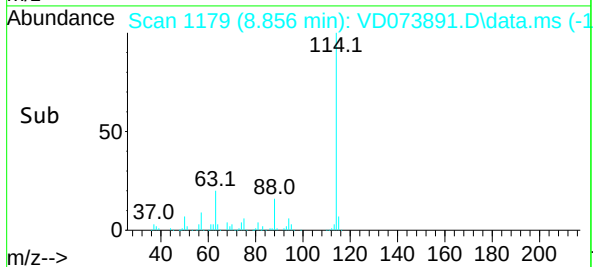
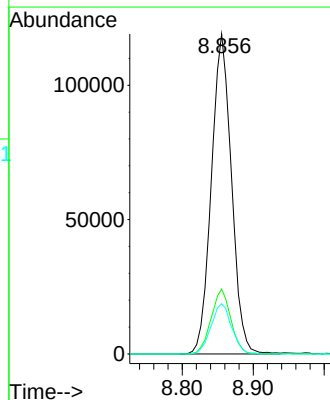
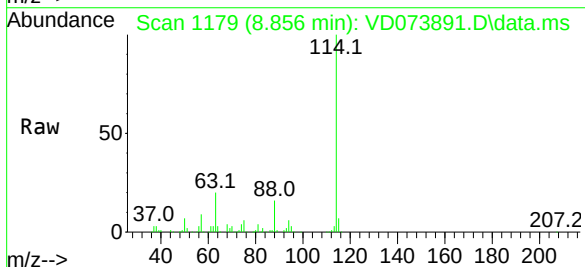
Tgt Ion: 114 Resp: 233725

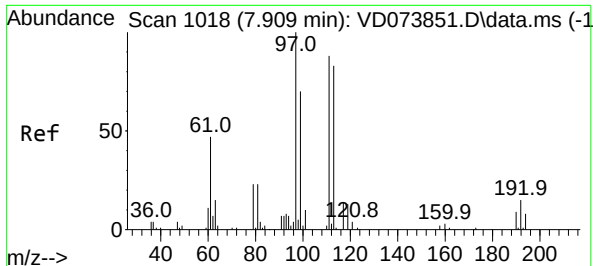
Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.948 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

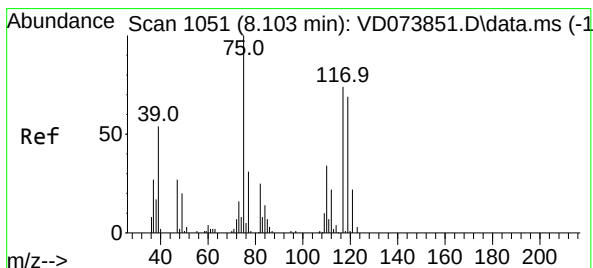
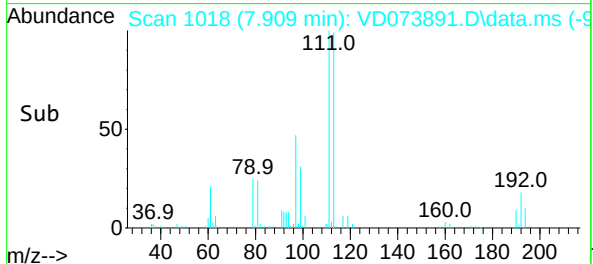
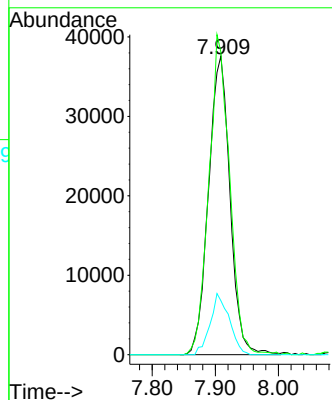
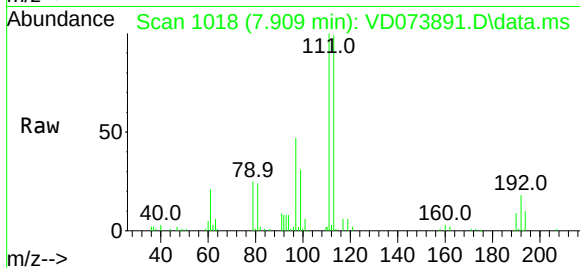
Tgt Ion:113 Resp: 88954

Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 18.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 21.920 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

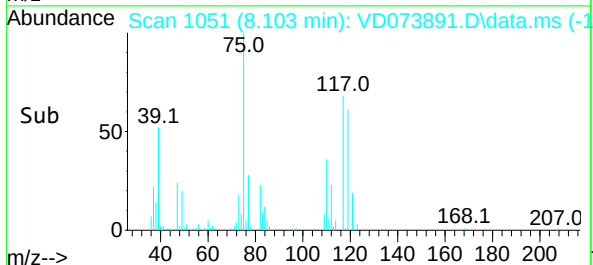
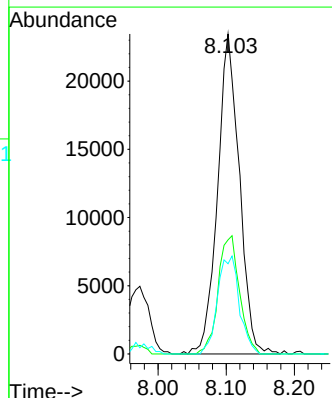
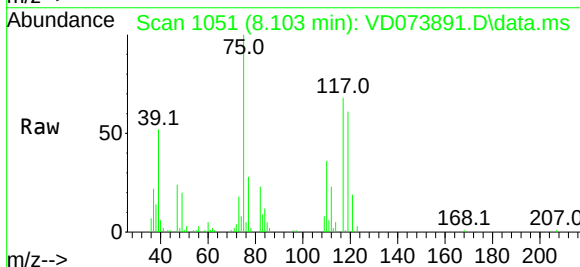
Tgt Ion: 75 Resp: 52142

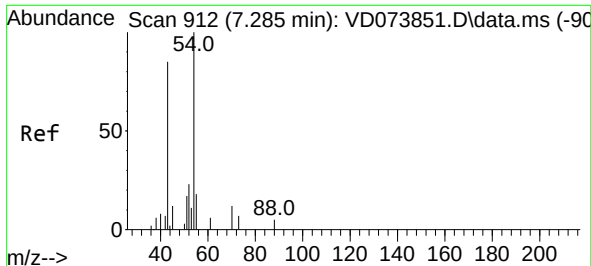
Ion Ratio Lower Upper

75 100

110 36.3 16.4 49.1

77 30.6 24.2 36.2

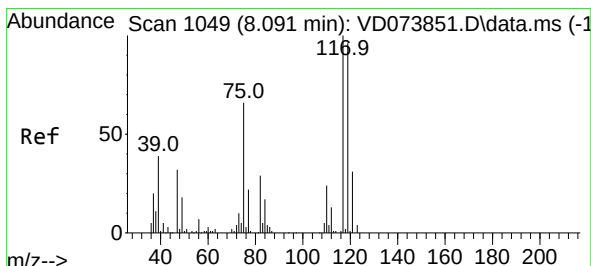
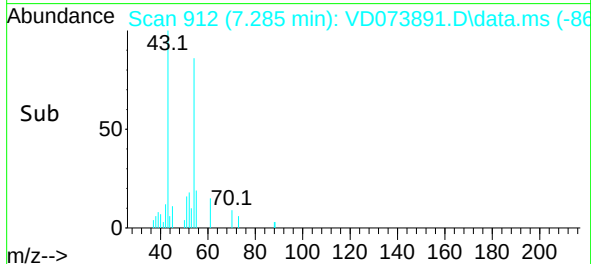
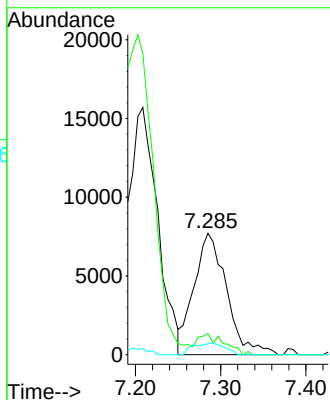
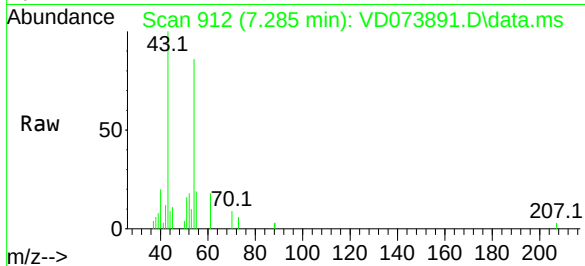




#37
Ethyl Acetate
Concen: 24.016 ug/l
RT: 7.285 min Scan# 912
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

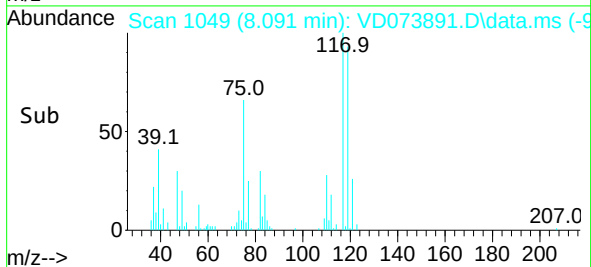
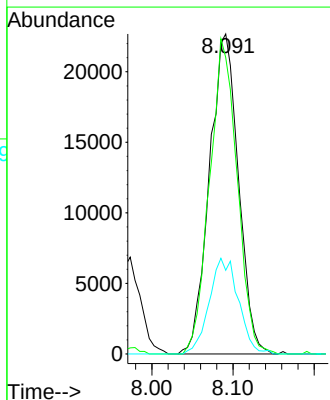
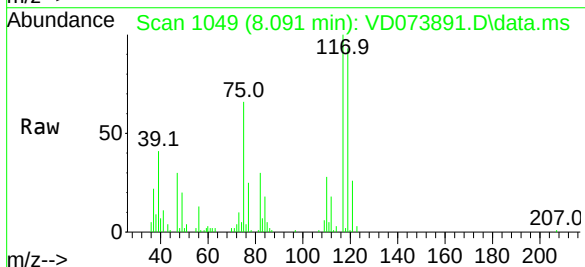
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

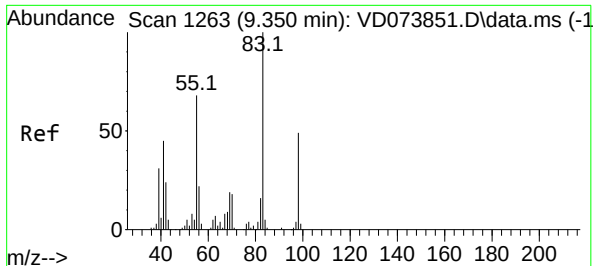
Tgt Ion: 43 Resp: 20542
Ion Ratio Lower Upper
43 100
61 13.8 9.8 14.8
70 9.3 6.9 10.3



#38
Carbon Tetrachloride
Concen: 20.691 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion: 117 Resp: 56210
Ion Ratio Lower Upper
117 100
119 92.7 75.8 113.6
121 26.2 24.5 36.7





#39

Methylcyclohexane

Concen: 21.442 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

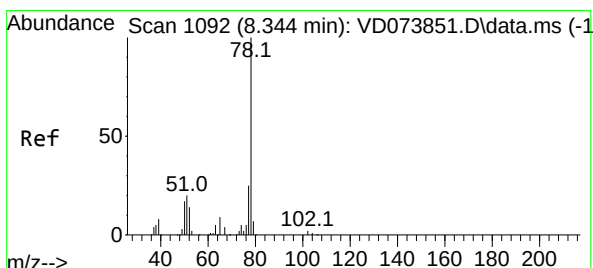
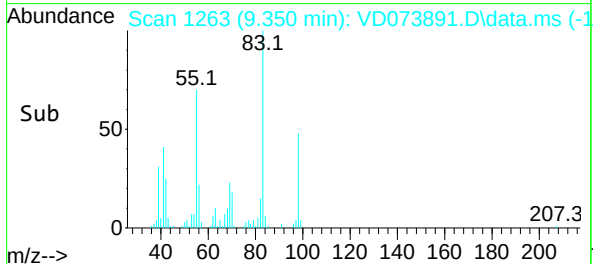
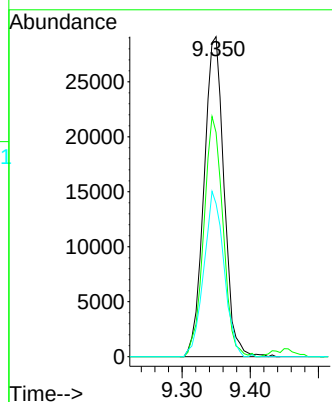
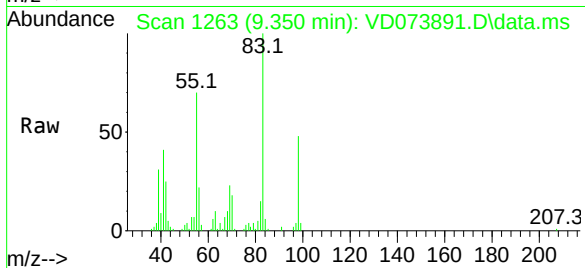
Tgt Ion: 83 Resp: 59454

Ion Ratio Lower Upper

83 100

55 70.1 63.2 94.8

98 47.9 38.2 57.4



#40

Benzene

Concen: 21.039 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073891.D

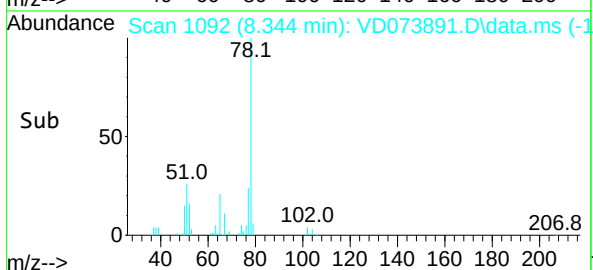
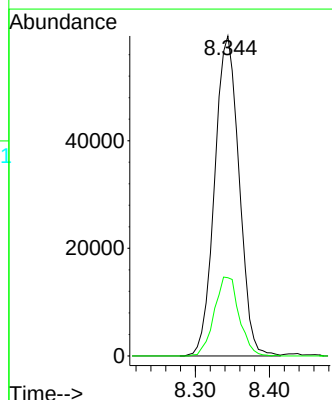
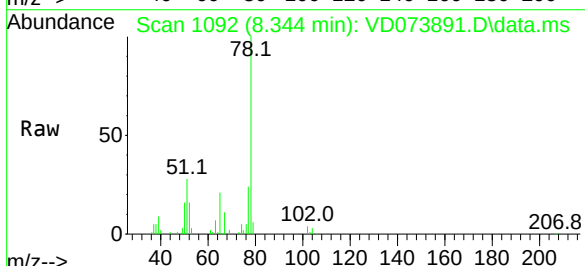
Acq: 21 Jul 2022 12:25

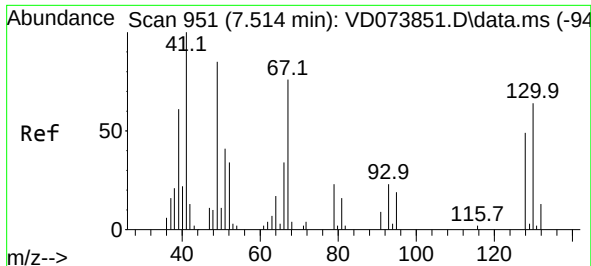
Tgt Ion: 78 Resp: 136156

Ion Ratio Lower Upper

78 100

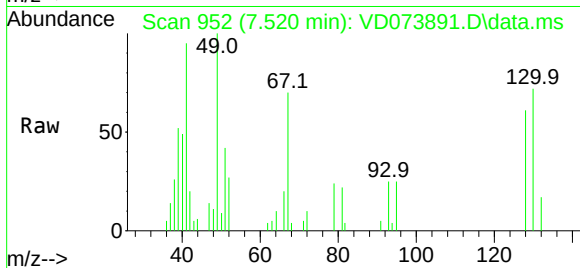
77 24.5 19.1 28.7





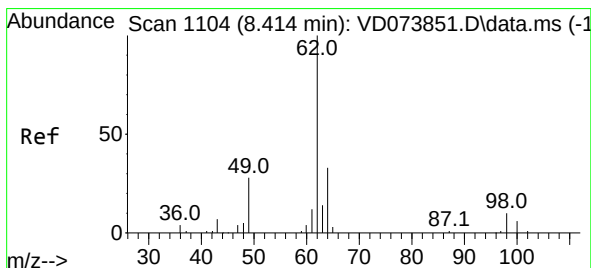
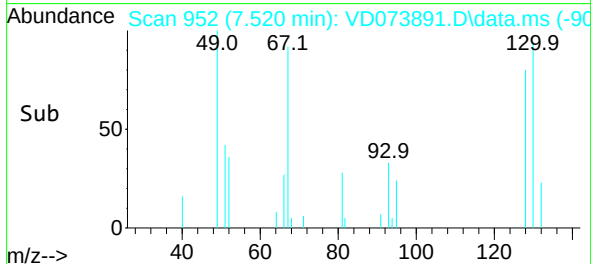
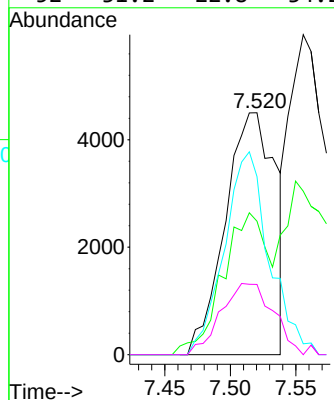
#41
Methacrylonitrile
Concen: 22.496 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01



Tgt Ion: 41 Resp: 11957

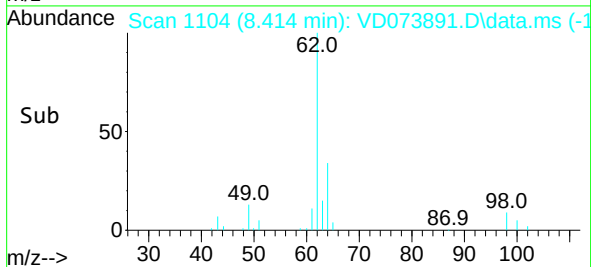
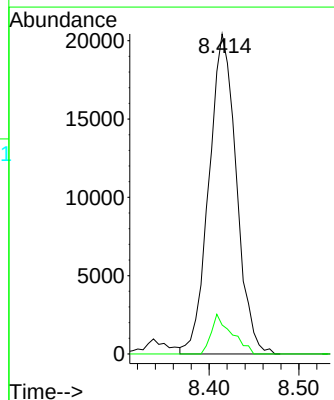
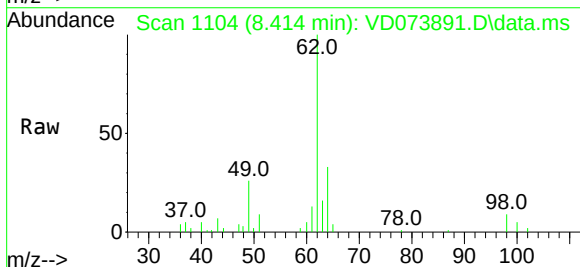
Ion	Ratio	Lower	Upper
41	100		
39	53.1	44.6	67.0
67	75.1	48.2	72.4#
52	31.2	22.8	34.2

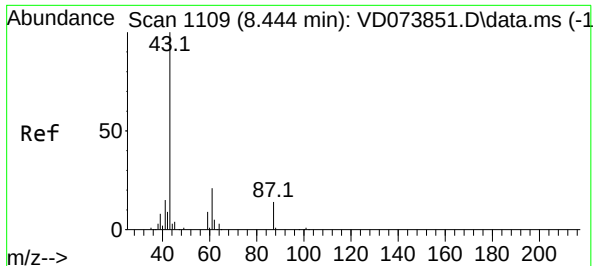


#42
1,2-Dichloroethane
Concen: 21.847 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion: 62 Resp: 43273

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.6





#43

Isopropyl Acetate

Concen: 22.338 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

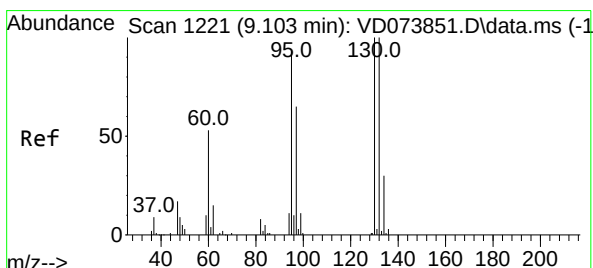
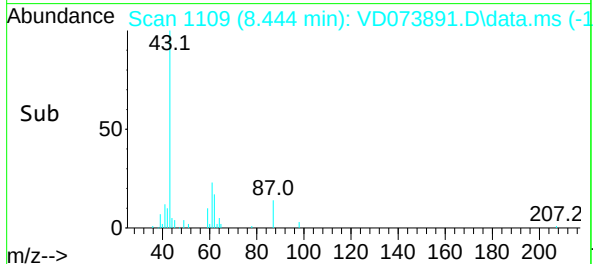
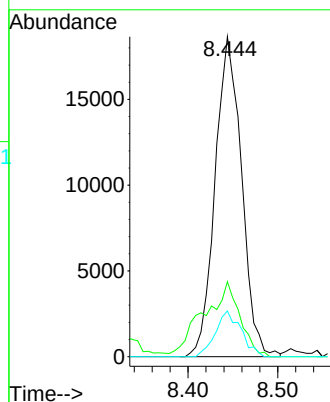
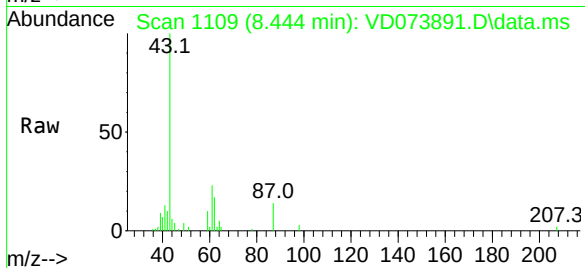
Tgt Ion: 43 Resp: 38182

Ion Ratio Lower Upper

43 100

61 32.2 22.4 33.6

87 13.9 8.7 13.1#



#44

Trichloroethene

Concen: 22.390 ug/l

RT: 9.103 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VD073891.D

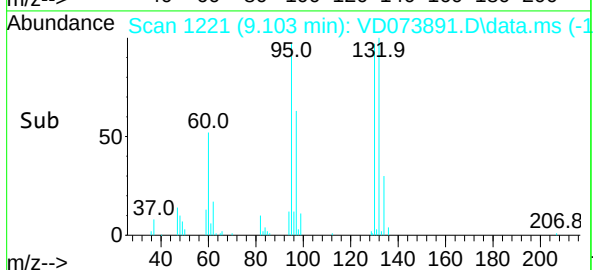
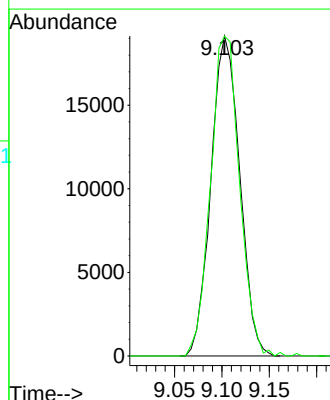
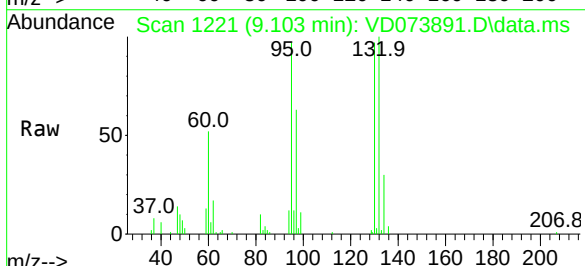
Acq: 21 Jul 2022 12:25

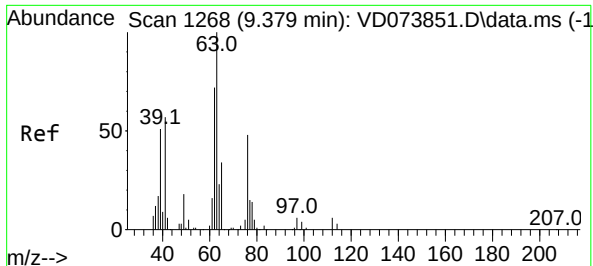
Tgt Ion:130 Resp: 40440

Ion Ratio Lower Upper

130 100

95 100.0 0.0 205.4





#45

1,2-Dichloropropane

Concen: 21.957 ug/l

RT: 9.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

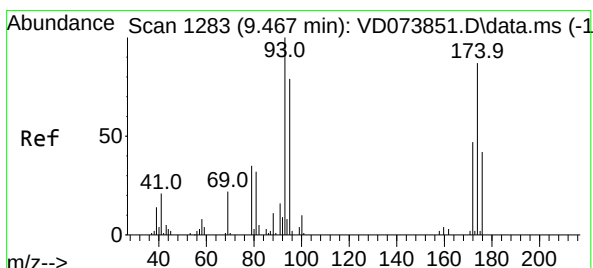
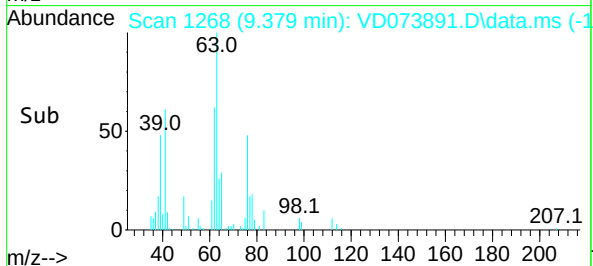
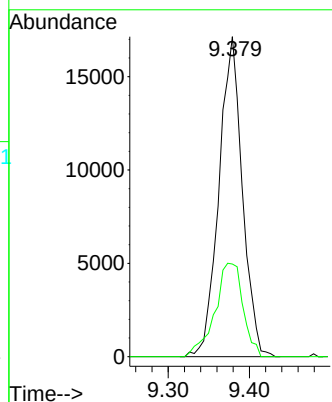
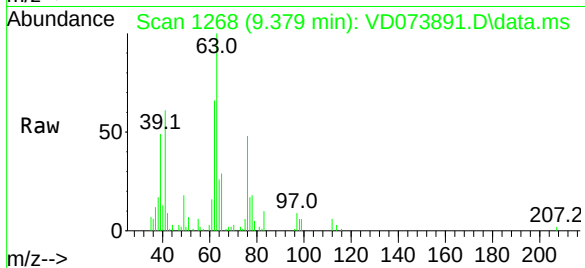
VD0721SBS01

Tgt Ion: 63 Resp: 34347

Ion Ratio Lower Upper

63 100

65 28.9 26.2 39.4



#46

Dibromomethane

Concen: 22.863 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

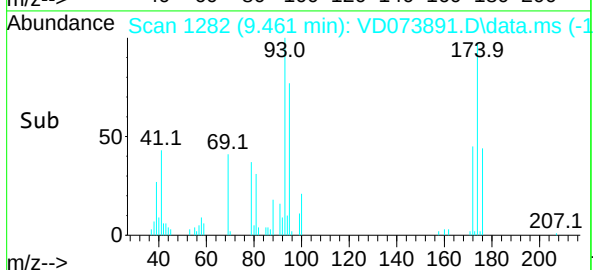
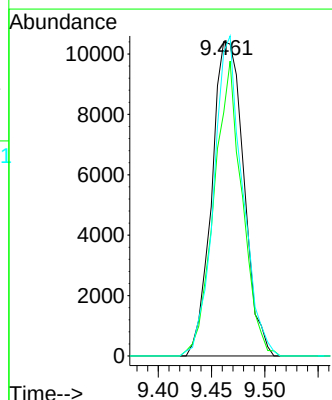
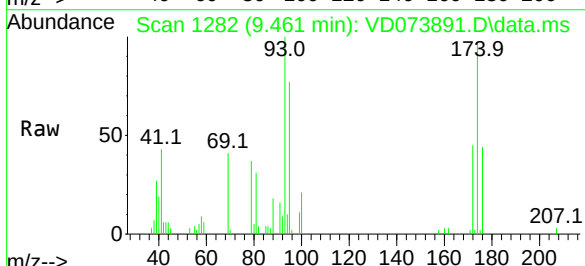
Tgt Ion: 93 Resp: 21693

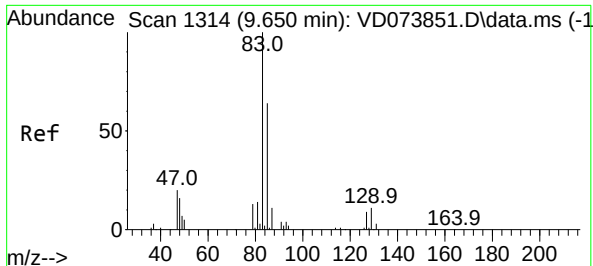
Ion Ratio Lower Upper

93 100

95 82.3 66.7 100.1

174 91.5 71.6 107.4





#47

Bromodichloromethane

Concen: 21.601 ug/l

RT: 9.656 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

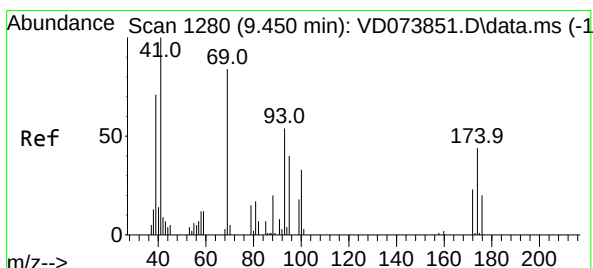
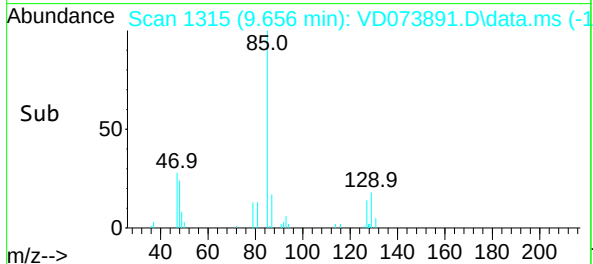
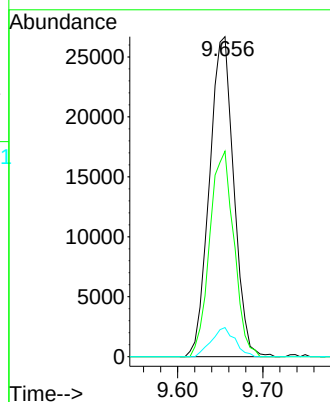
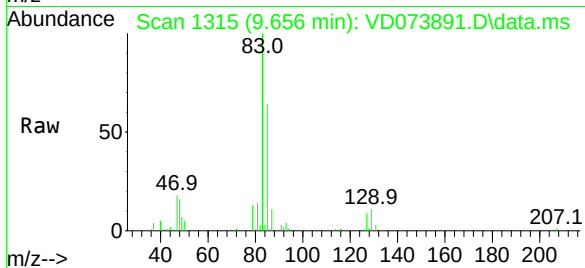
Tgt Ion: 83 Resp: 53067

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0

127 9.1 6.1 9.1#



#48

Methyl methacrylate

Concen: 20.454 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. -0.006 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

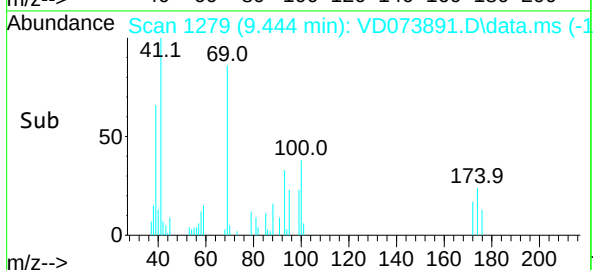
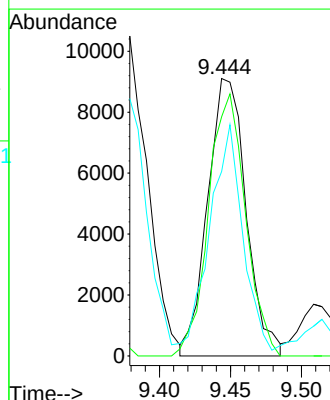
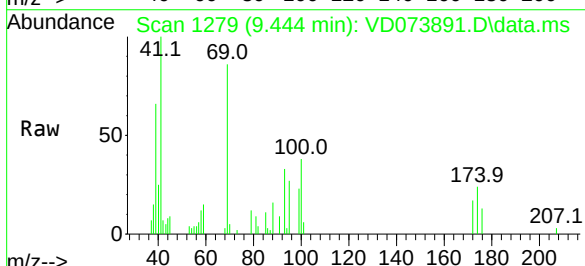
Tgt Ion: 41 Resp: 17141

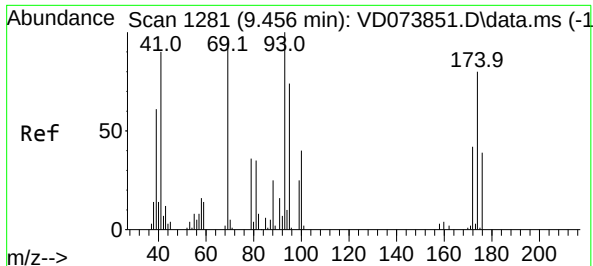
Ion Ratio Lower Upper

41 100

69 91.2 56.7 85.1#

39 68.3 42.7 64.1#





#49

1,4-Dioxane

Concen: 428.588 ug/l

RT: 9.450 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

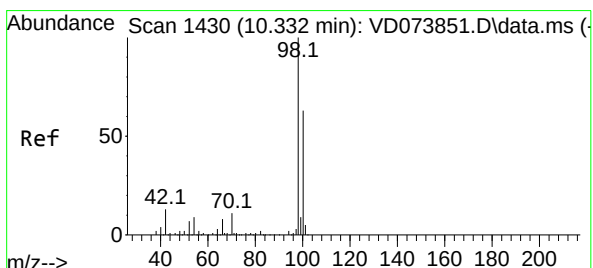
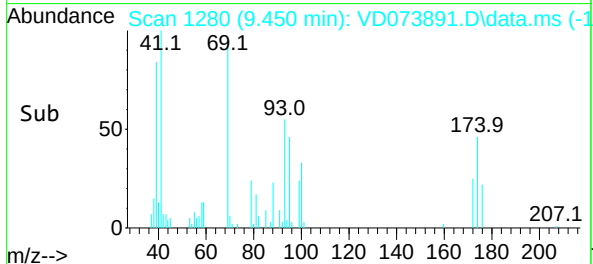
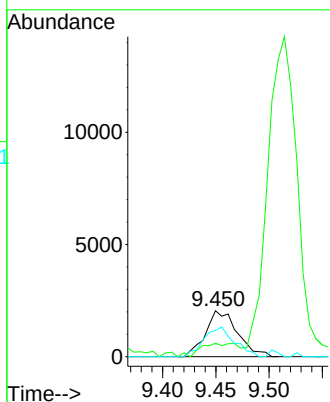
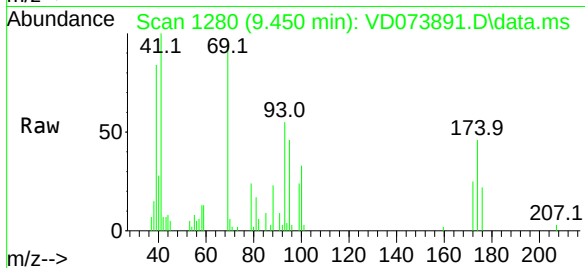
Tgt Ion: 88 Resp: 4255

Ion Ratio Lower Upper

88 100

43 33.9 31.0 46.4

58 61.5 58.1 87.1



#50

Toluene-d8

Concen: 53.078 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073891.D

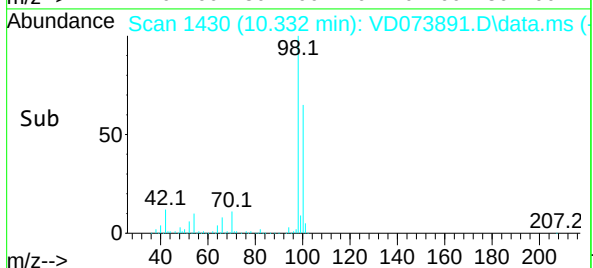
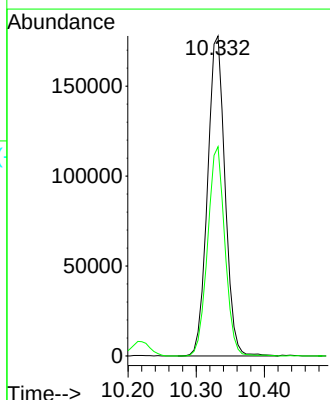
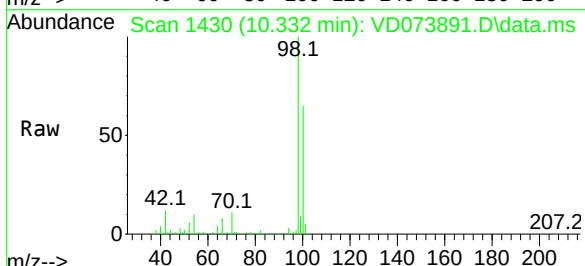
Acq: 21 Jul 2022 12:25

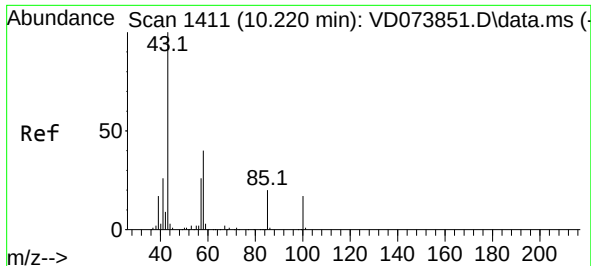
Tgt Ion: 98 Resp: 317714

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6

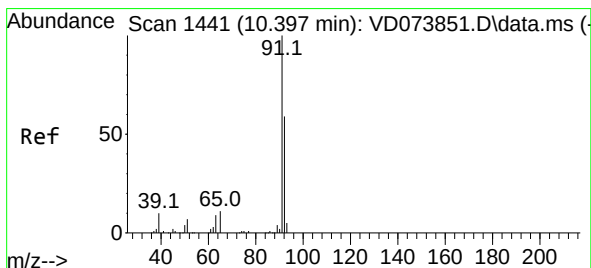
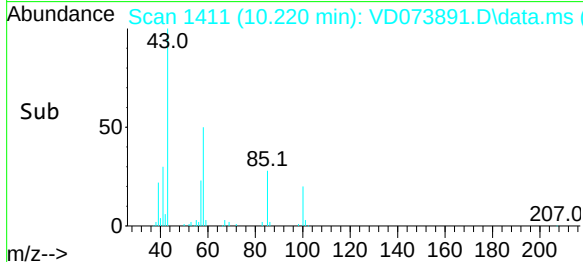
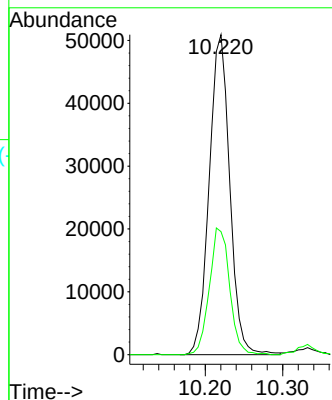
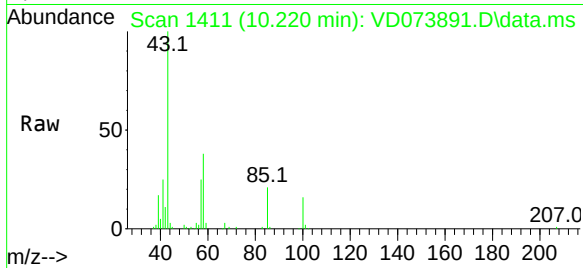




#51
4-Methyl-2-Pentanone
Concen: 109.871 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

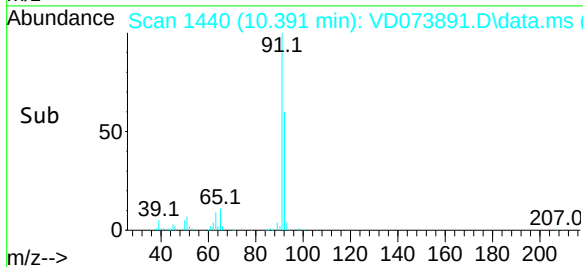
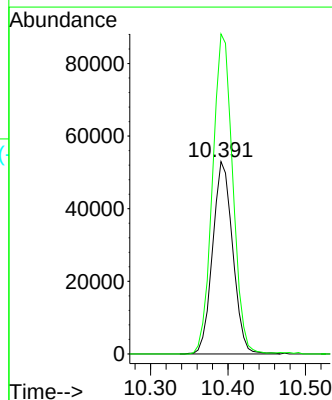
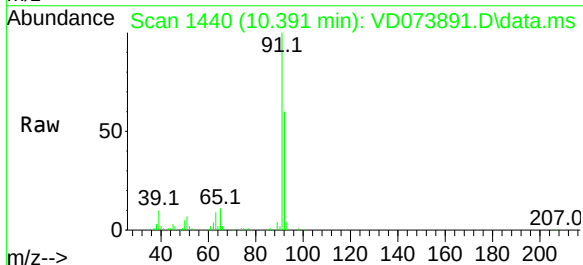
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

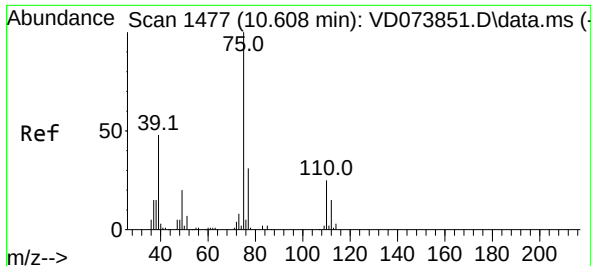
Tgt Ion: 43 Resp: 93888
Ion Ratio Lower Upper
43 100
58 39.0 28.6 43.0



#52
Toluene
Concen: 21.869 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion: 92 Resp: 95252
Ion Ratio Lower Upper
92 100
91 167.7 139.6 209.4

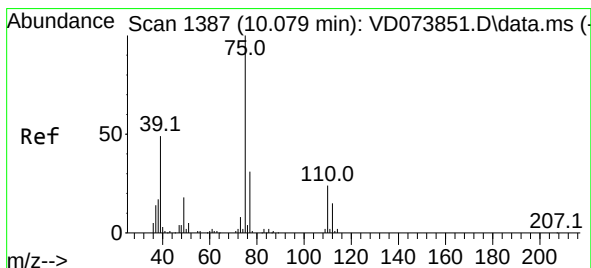
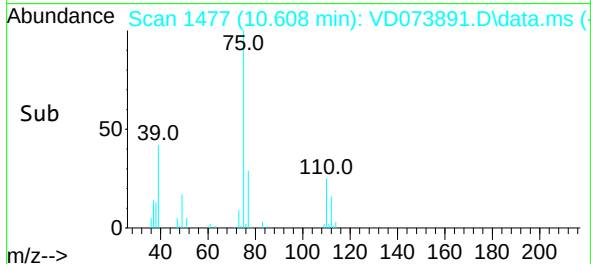
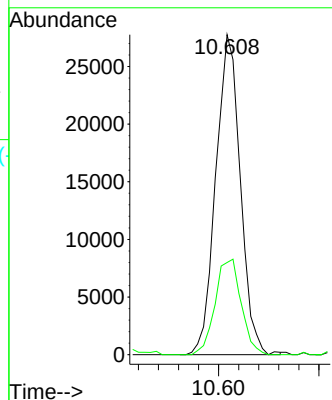
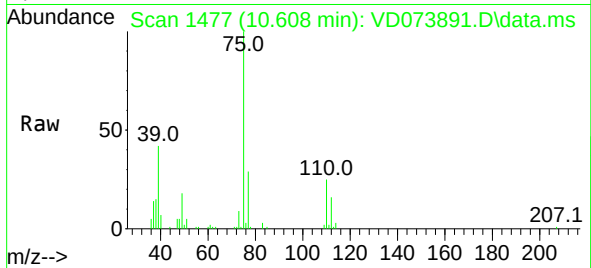




#53
t-1,3-Dichloropropene
Concen: 21.711 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

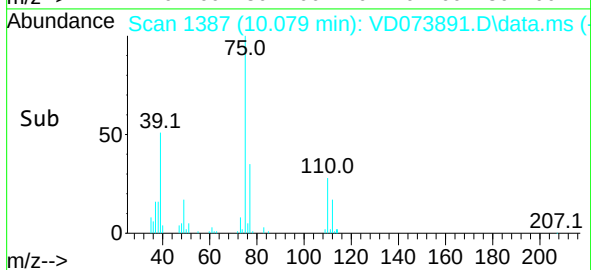
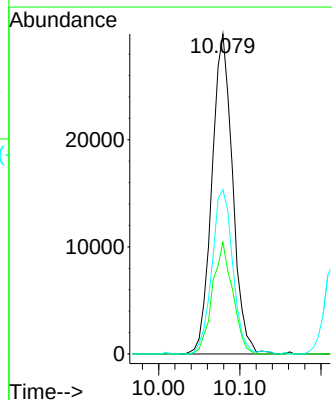
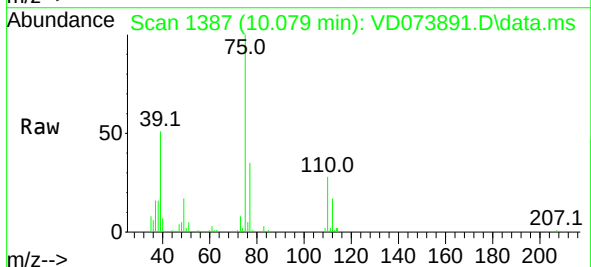
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

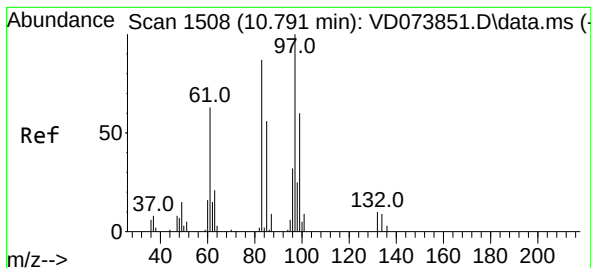
Tgt Ion: 75 Resp: 47086
Ion Ratio Lower Upper
75 100
77 28.8 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 21.093 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion: 75 Resp: 52932
Ion Ratio Lower Upper
75 100
77 34.9 24.8 37.2
39 51.4 46.8 70.2





#55

1,1,2-Trichloroethane

Concen: 22.214 ug/l

RT: 10.791 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

Tgt Ion: 97 Resp: 26811

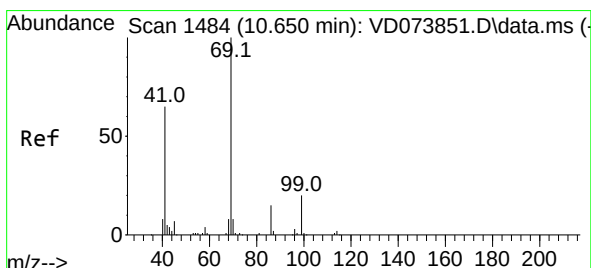
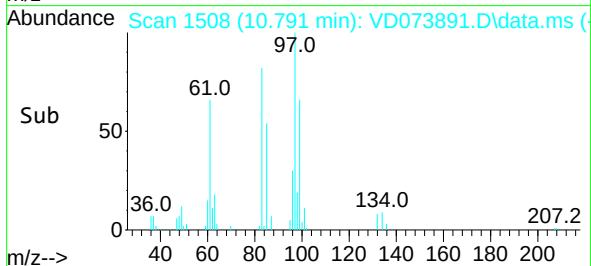
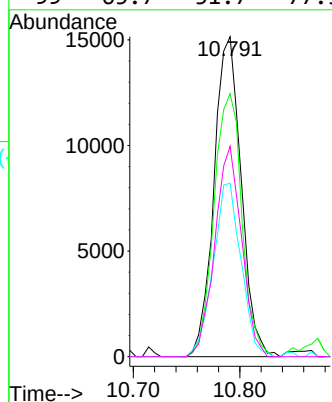
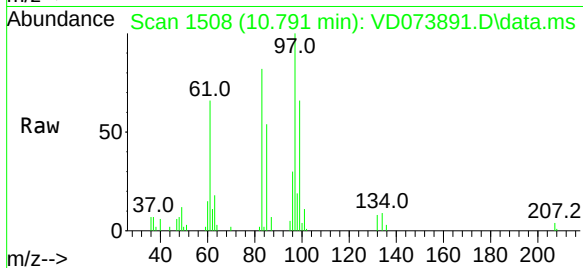
Ion Ratio Lower Upper

97 100

83 82.2 69.0 103.4

85 54.2 42.6 63.8

99 65.7 51.7 77.5



#56

Ethyl methacrylate

Concen: 22.212 ug/l

RT: 10.650 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

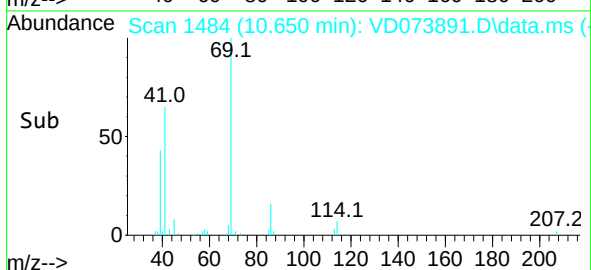
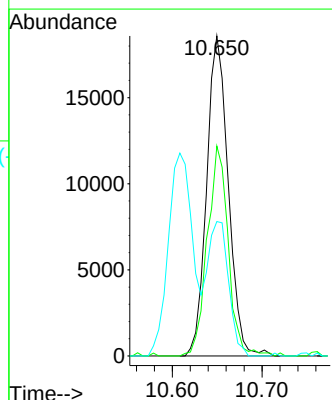
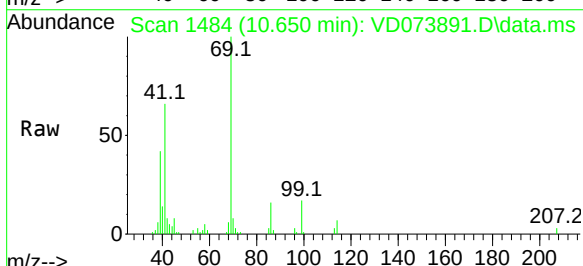
Tgt Ion: 69 Resp: 31037

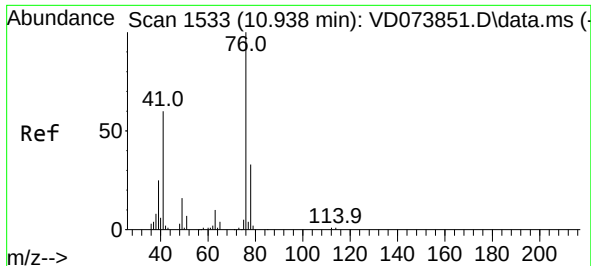
Ion Ratio Lower Upper

69 100

41 63.7 63.0 94.6

39 40.8 33.8 50.8





#57

1,3-Dichloropropane

Concen: 22.025 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

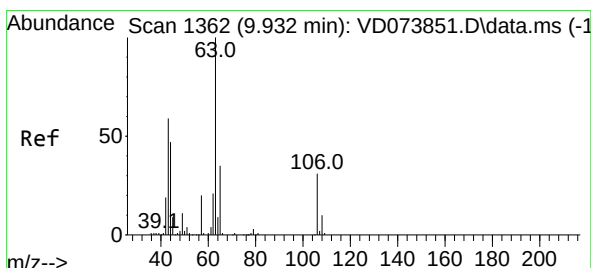
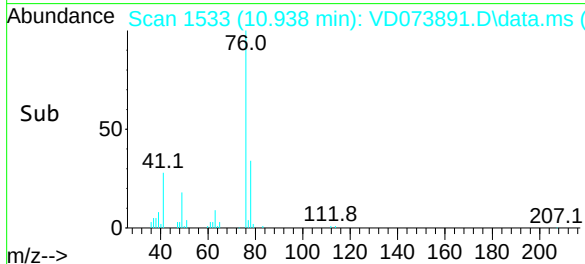
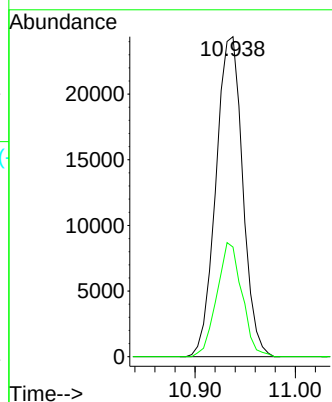
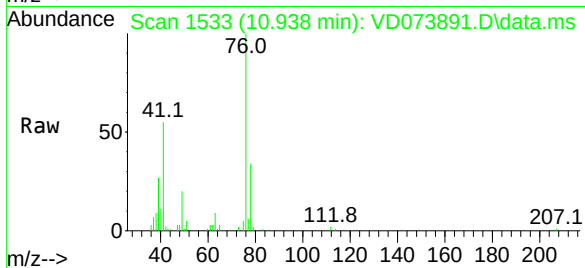
VD0721SBS01

Tgt Ion: 76 Resp: 45210

Ion Ratio Lower Upper

76 100

78 33.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 68.704 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073891.D

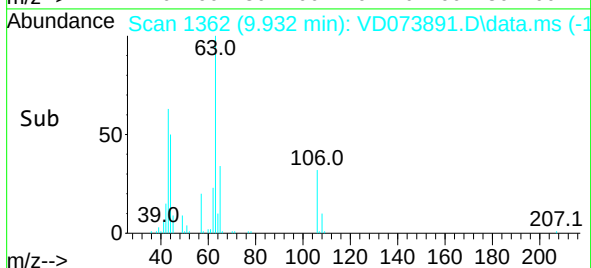
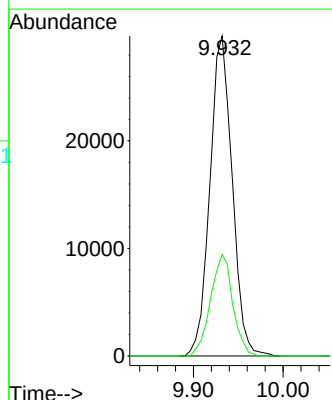
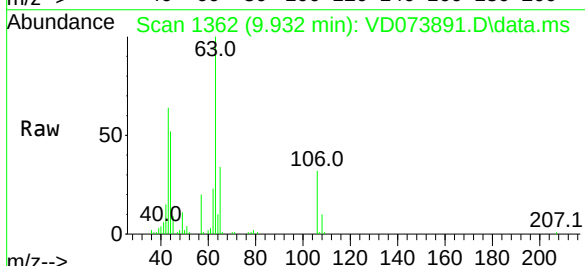
Acq: 21 Jul 2022 12:25

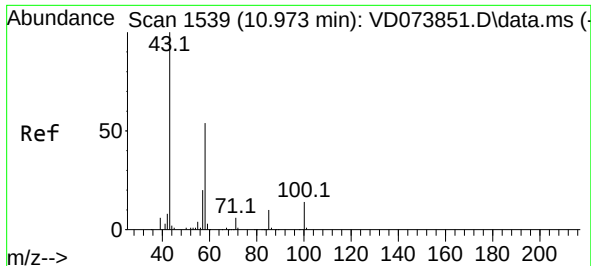
Tgt Ion: 63 Resp: 51334

Ion Ratio Lower Upper

63 100

106 31.6 21.4 32.0

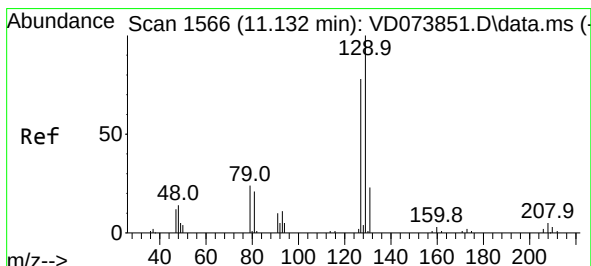
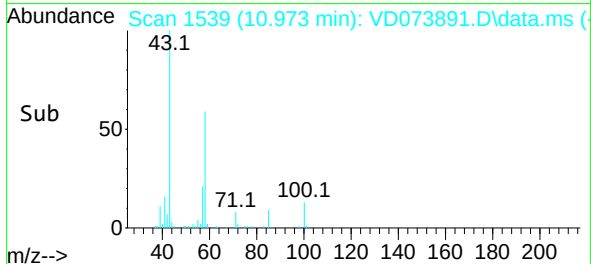
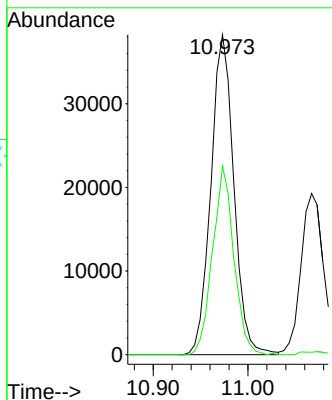
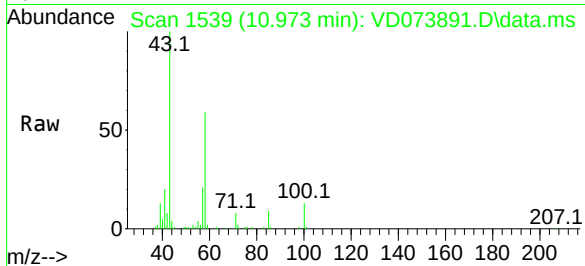




#59
2-Hexanone
Concen: 110.293 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

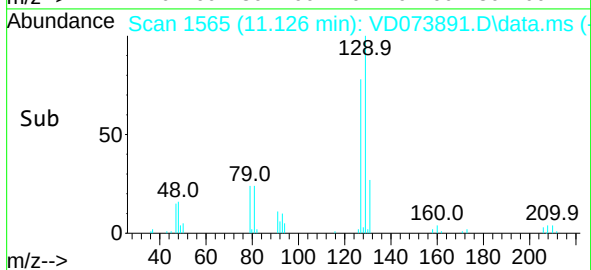
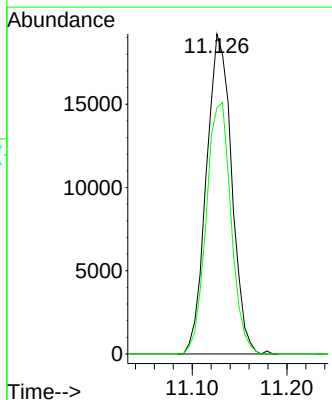
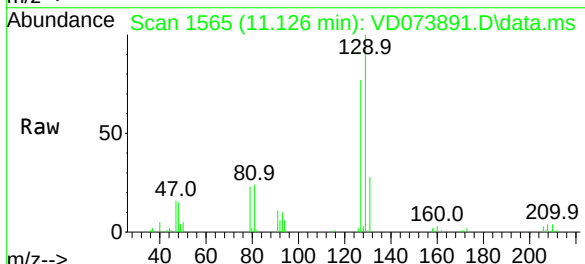
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

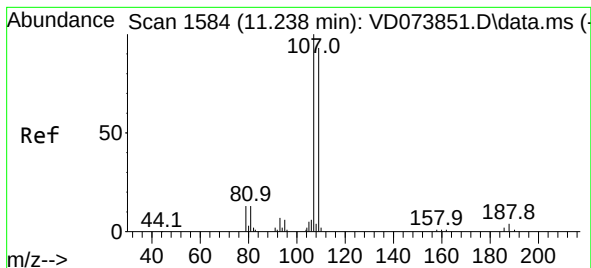
Tgt Ion: 43 Resp: 64400
Ion Ratio Lower Upper
43 100
58 54.7 25.3 75.9



#60
Dibromochloromethane
Concen: 21.768 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion: 129 Resp: 35591
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6





#61

1,2-Dibromoethane

Concen: 22.806 ug/l

RT: 11.232 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

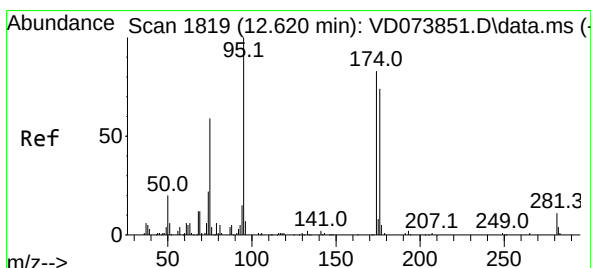
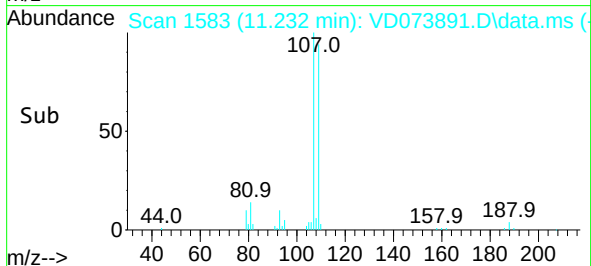
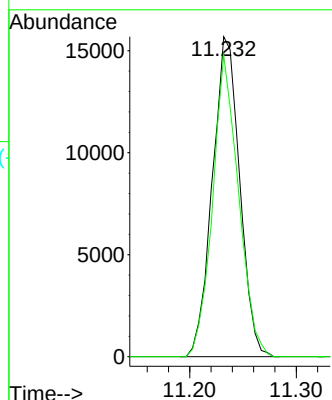
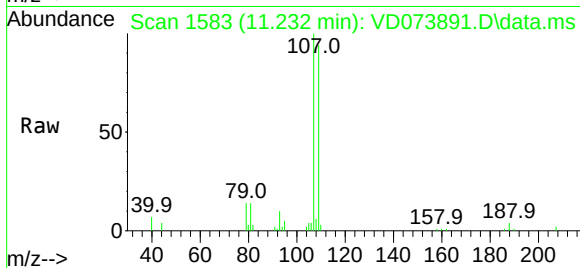
VD0721SBS01

Tgt Ion:107 Resp: 27850

Ion Ratio Lower Upper

107 100

109 89.6 74.2 111.4



#62

4-Bromofluorobenzene

Concen: 53.699 ug/l

RT: 12.614 min Scan# 1818

Delta R.T. -0.006 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

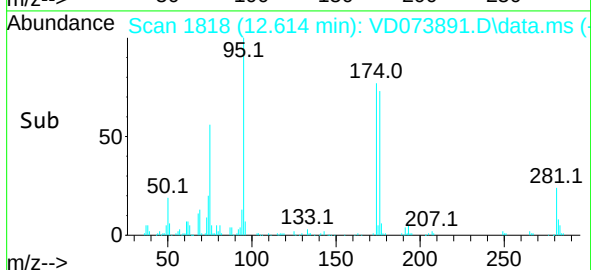
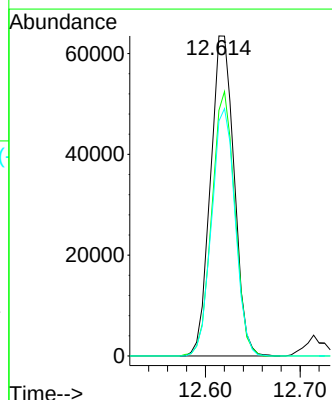
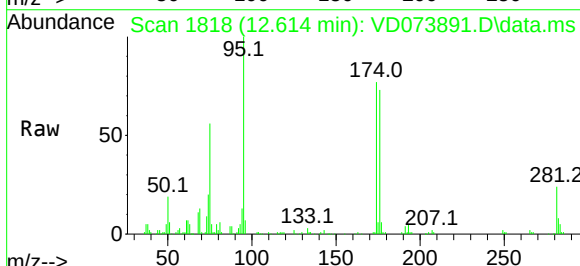
Tgt Ion: 95 Resp: 110515

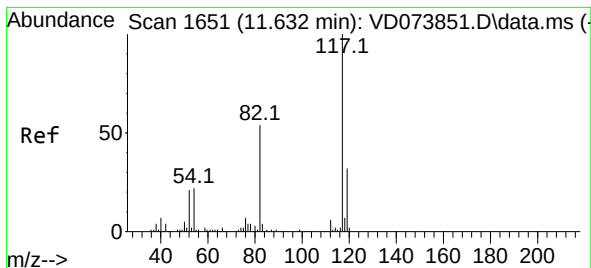
Ion Ratio Lower Upper

95 100

174 80.0 0.0 152.8

176 76.5 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: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

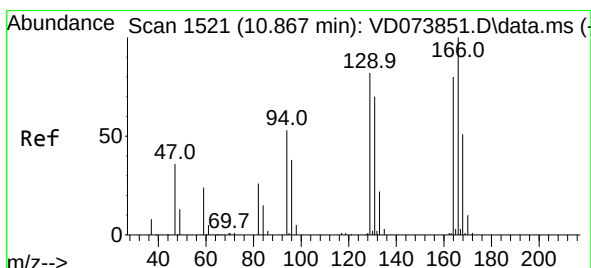
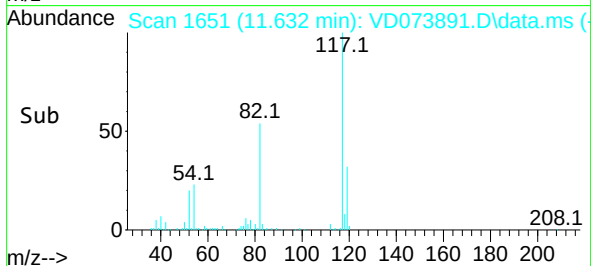
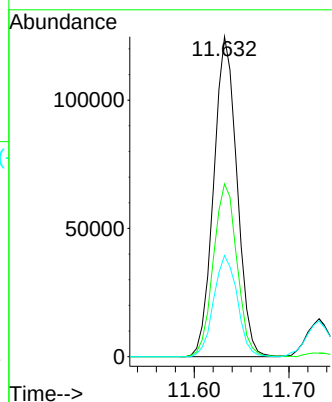
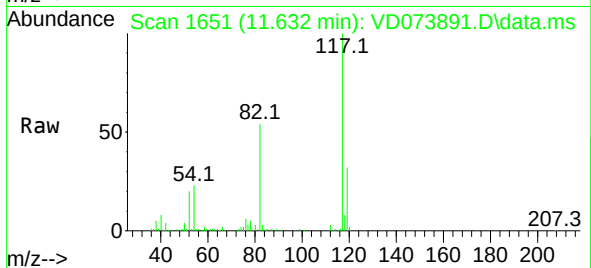
Tgt Ion:117 Resp: 213343

Ion Ratio Lower Upper

117 100

82 54.0 45.3 67.9

119 31.6 26.6 40.0



#64

Tetrachloroethene

Concen: 25.956 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Tgt Ion:164 Resp: 36932

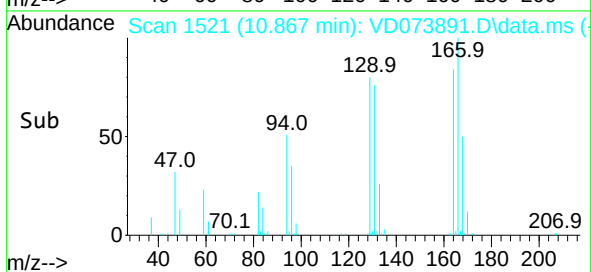
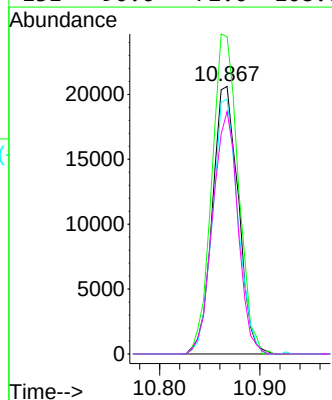
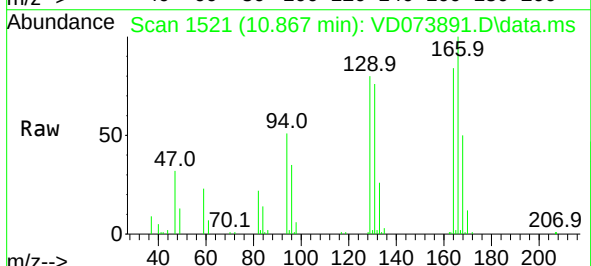
Ion Ratio Lower Upper

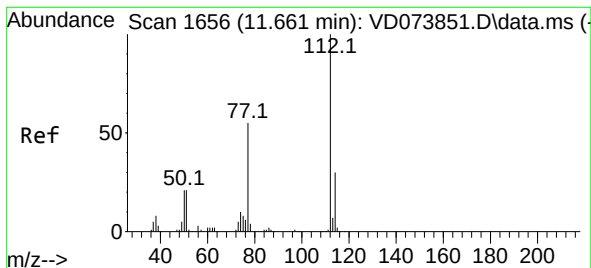
164 100

166 118.6 98.5 147.7

129 95.1 74.6 111.8

131 90.6 72.0 108.0





#65

Chlorobenzene

Concen: 22.659 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

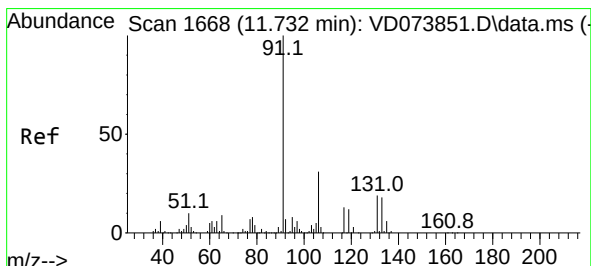
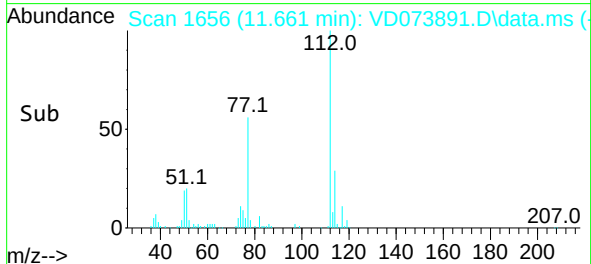
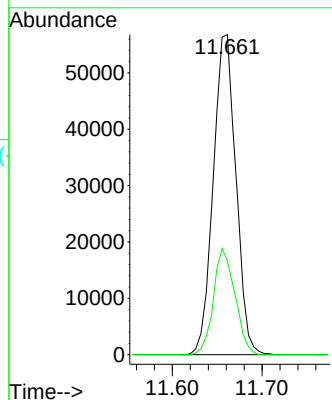
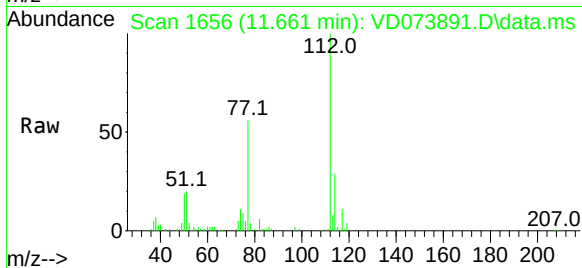
VD0721SBS01

Tgt Ion:112 Resp: 99561

Ion Ratio Lower Upper

112 100

114 29.3 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 22.305 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

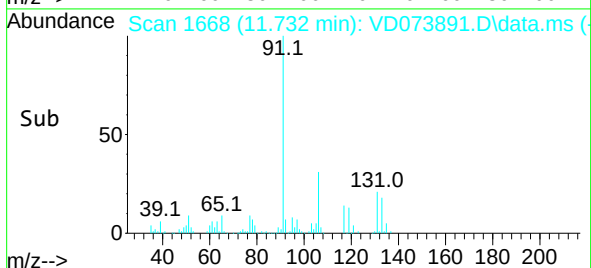
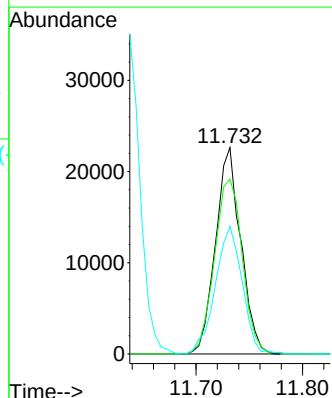
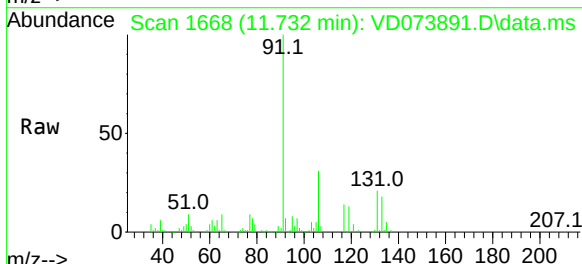
Tgt Ion:131 Resp: 37246

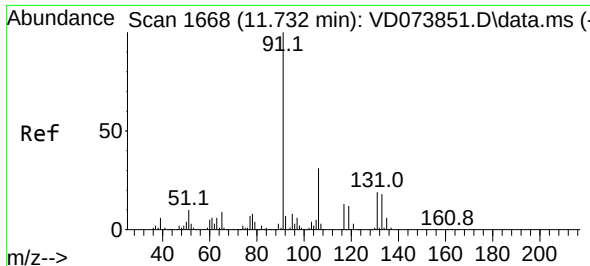
Ion Ratio Lower Upper

131 100

133 93.7 48.1 144.3

119 65.8 31.9 95.9





#67

Ethyl Benzene

Concen: 21.619 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

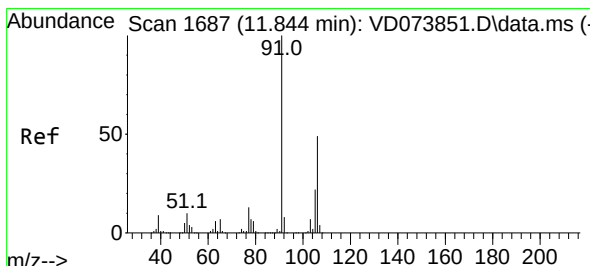
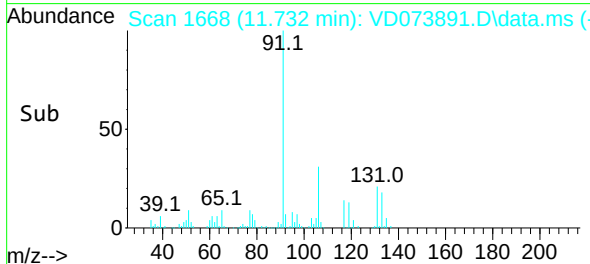
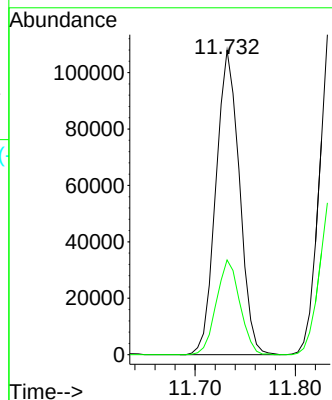
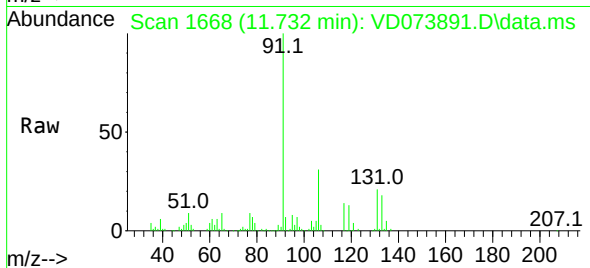
VD0721SBS01

Tgt Ion: 91 Resp: 175389

Ion Ratio Lower Upper

91 100

106 31.1 24.2 36.4



#68

m/p-Xylenes

Concen: 43.333 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD073891.D

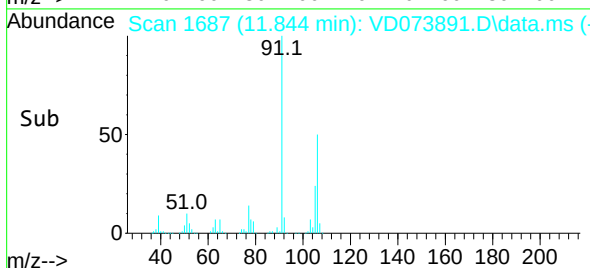
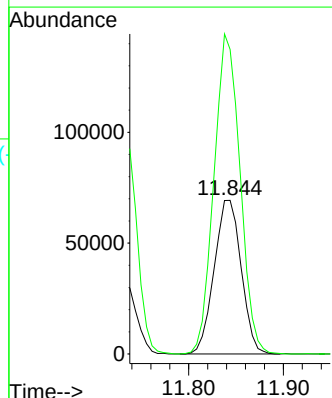
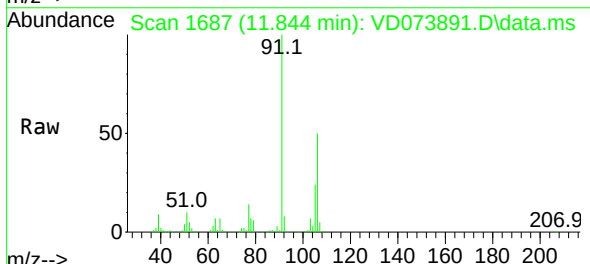
Acq: 21 Jul 2022 12:25

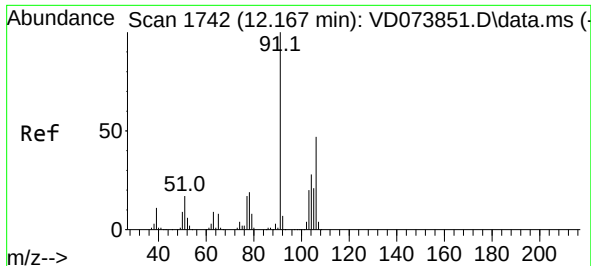
Tgt Ion: 106 Resp: 137408

Ion Ratio Lower Upper

106 100

91 201.1 163.7 245.5

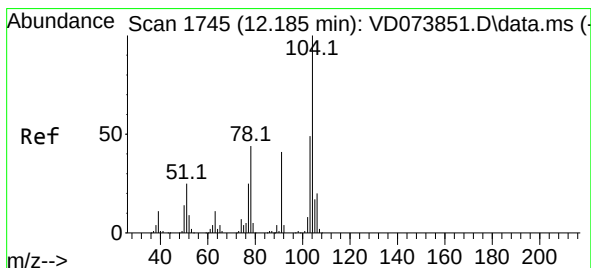
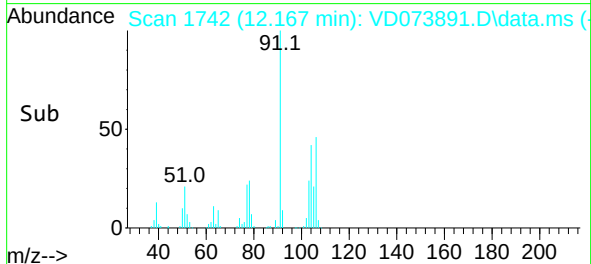
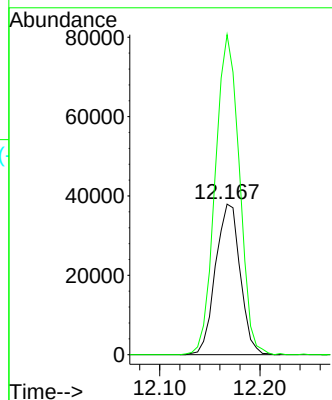
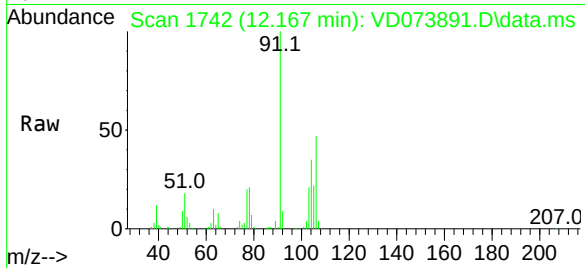




#69
o-Xylene
Concen: 21.841 ug/l
RT: 12.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

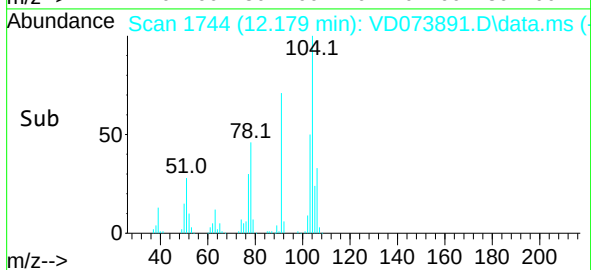
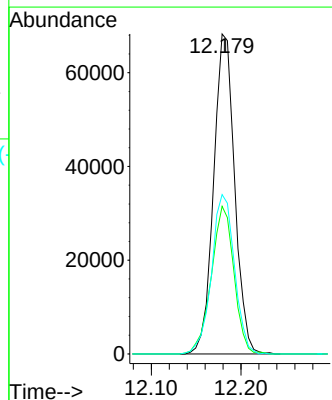
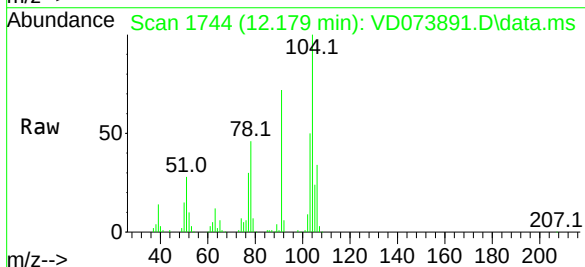
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

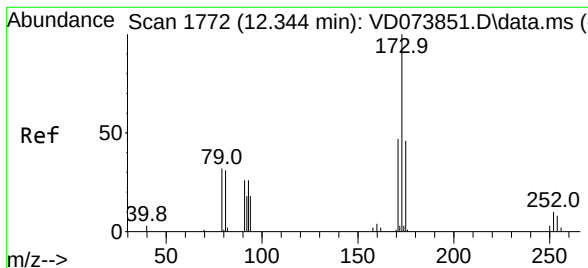
Tgt Ion:106 Resp: 64842
Ion Ratio Lower Upper
106 100
91 208.3 110.4 331.2



#70
Styrene
Concen: 21.919 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion:104 Resp: 111251
Ion Ratio Lower Upper
104 100
78 49.6 41.8 62.8
103 54.1 44.2 66.4





#71

Bromoform

Concen: 22.205 ug/l

RT: 12.344 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

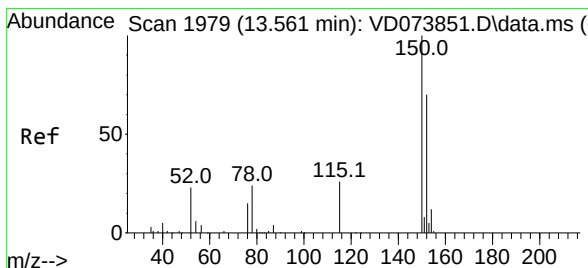
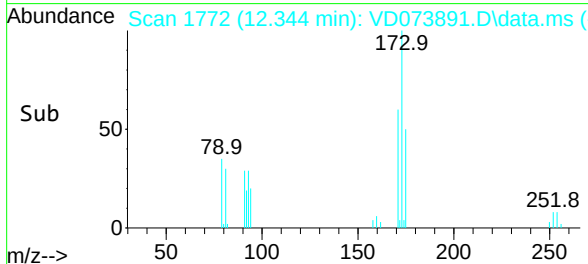
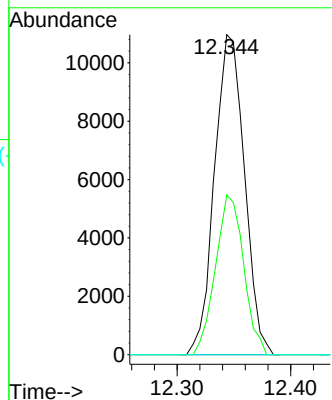
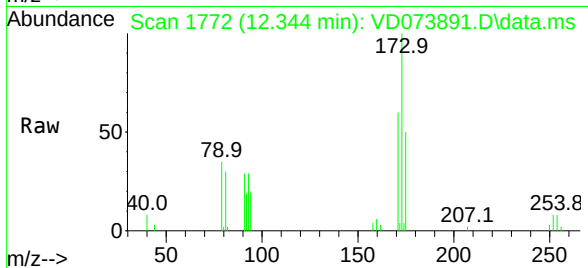
Tgt Ion:173 Resp: 20064

Ion Ratio Lower Upper

173 100

175 47.0 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: VD073891.D

Acq: 21 Jul 2022 12:25

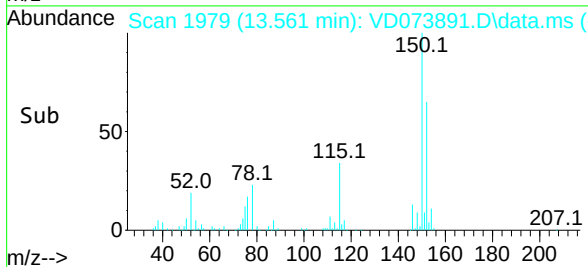
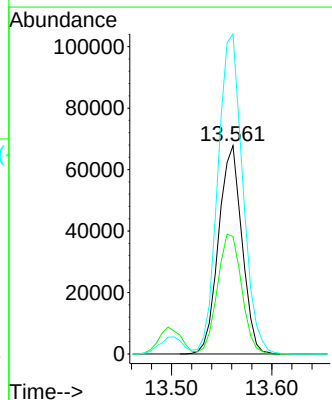
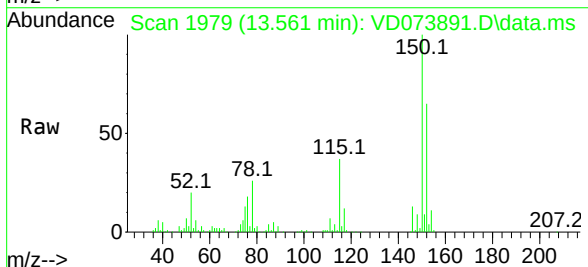
Tgt Ion:152 Resp: 109382

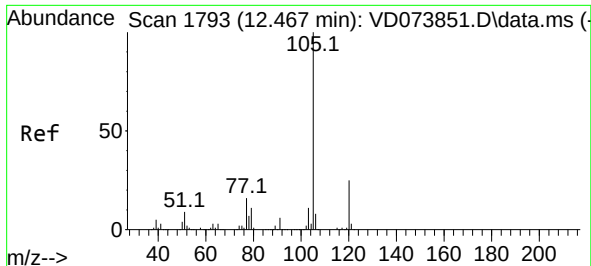
Ion Ratio Lower Upper

152 100

115 59.6 31.3 93.8

150 163.9 0.0 348.6

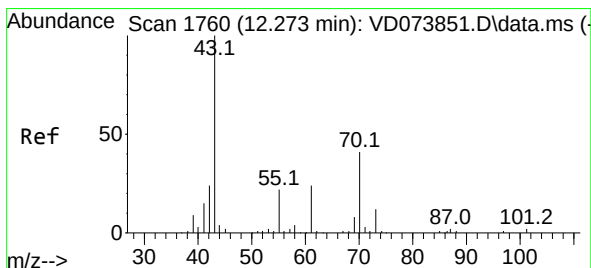
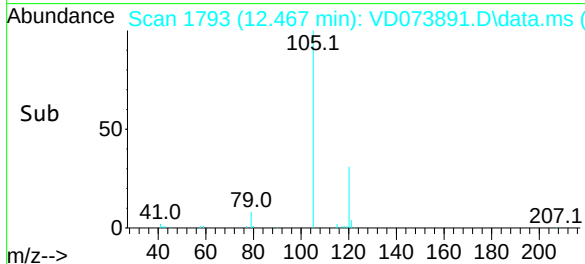
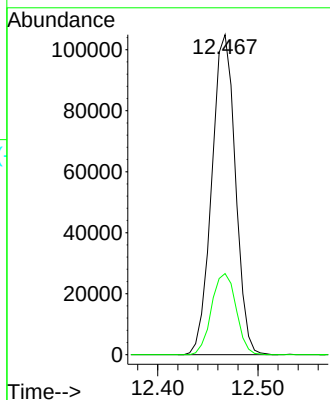
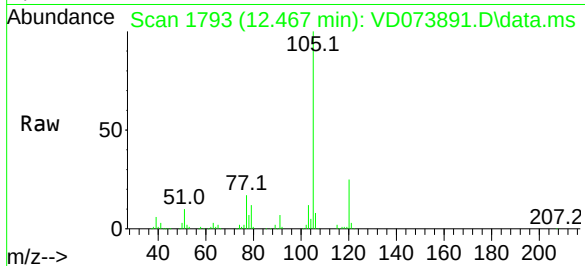




#73
Isopropylbenzene
Concen: 20.745 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

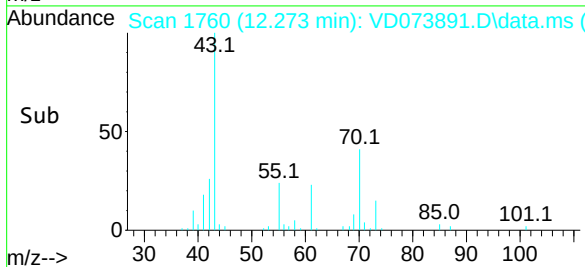
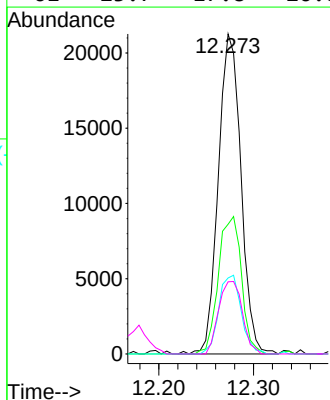
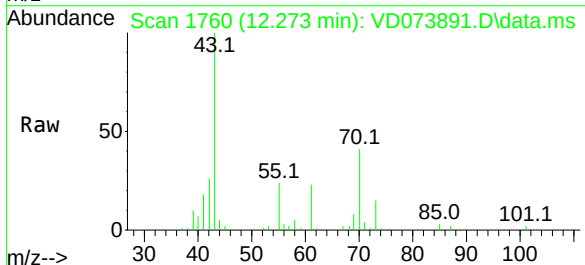
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

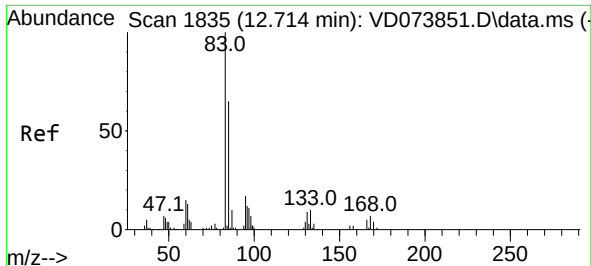
Tgt Ion:105 Resp: 171869
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9



#74
N-ethyl acetate
Concen: 21.647 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion: 43 Resp: 35374
Ion Ratio Lower Upper
43 100
70 43.8 31.3 46.9
55 24.4 20.0 30.0
61 23.7 17.8 26.8

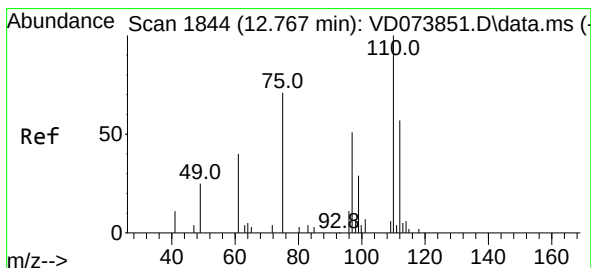
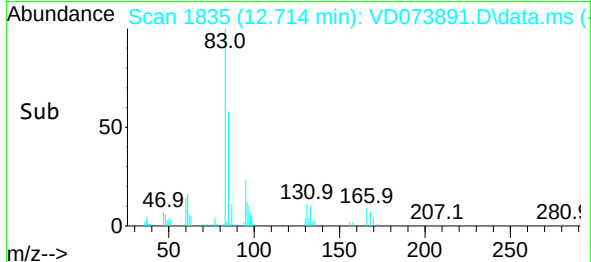
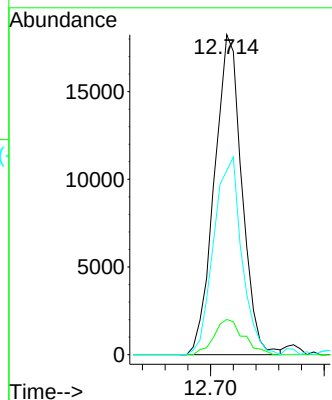
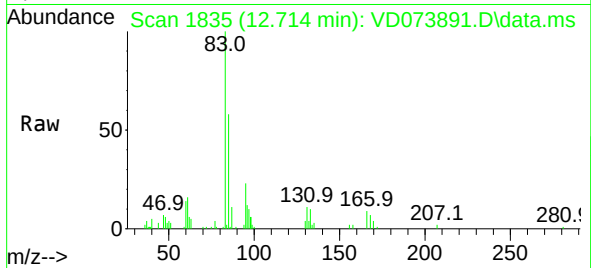




#75
1,1,2,2-Tetrachloroethane
Concen: 21.443 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

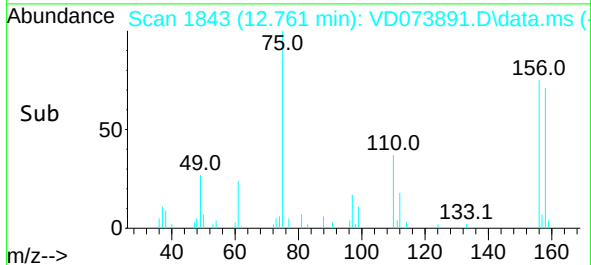
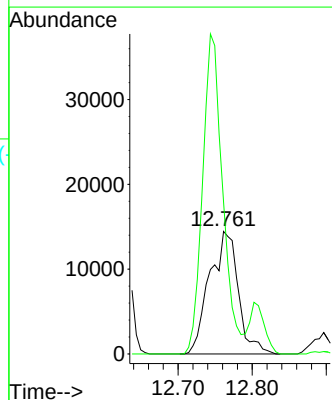
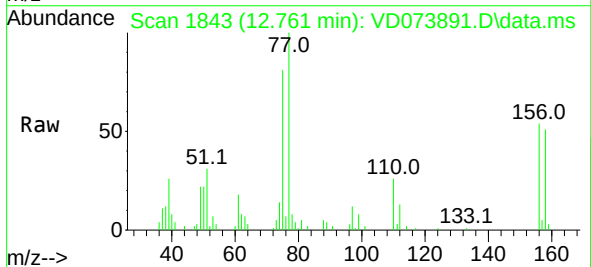
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

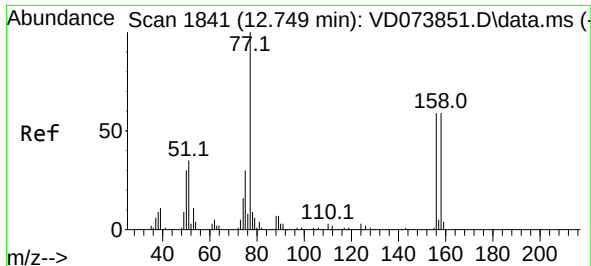
Tgt Ion: 83 Resp: 30705
Ion Ratio Lower Upper
83 100
131 11.8 5.0 14.9
85 63.0 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 33.107 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.006 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion: 75 Resp: 38855
Ion Ratio Lower Upper
75 100
77 181.6 0.0 0.0#

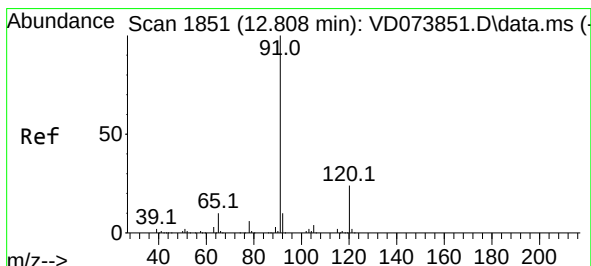
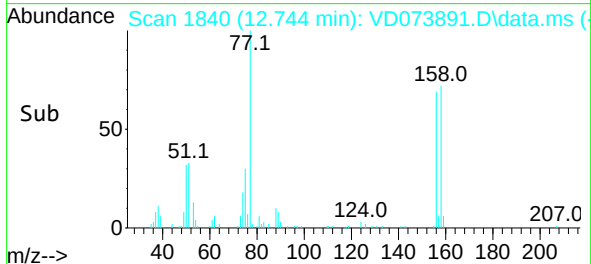
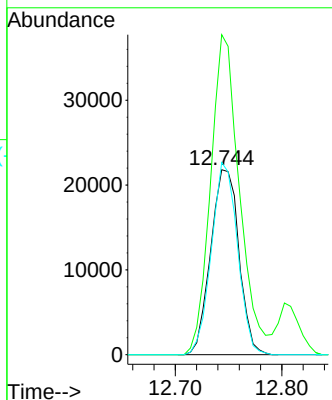
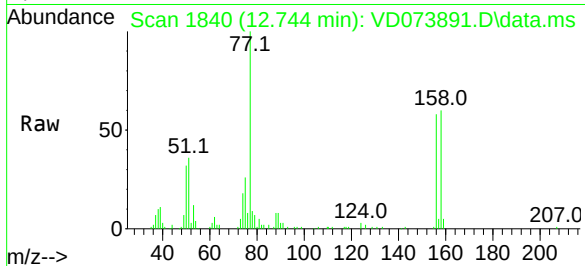




#77
Bromobenzene
Concen: 21.832 ug/l
RT: 12.744 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

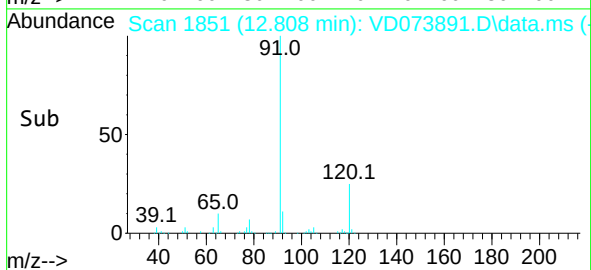
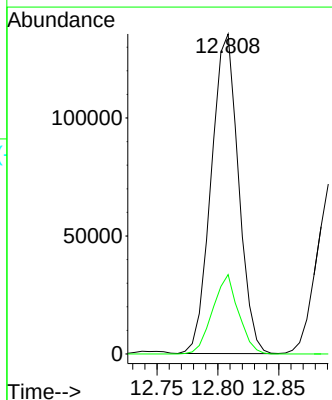
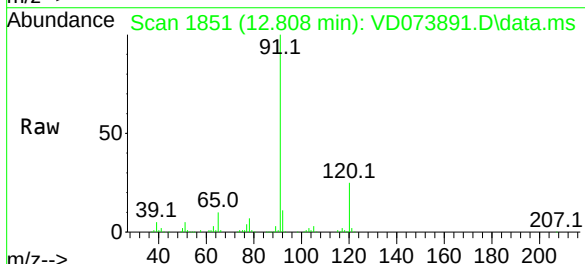
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

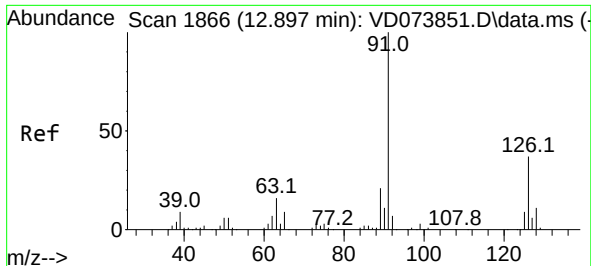
Tgt Ion:156 Resp: 40196
Ion Ratio Lower Upper
156 100
77 175.6 102.8 308.3
158 96.1 48.7 146.1



#78
n-propylbenzene
Concen: 20.897 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion: 91 Resp: 211197
Ion Ratio Lower Upper
91 100
120 23.4 10.9 32.9





#79

2-Chlorotoluene

Concen: 21.101 ug/l

RT: 12.891 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

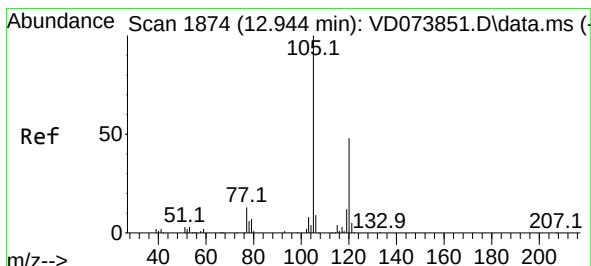
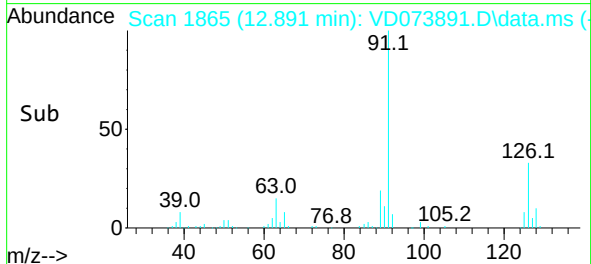
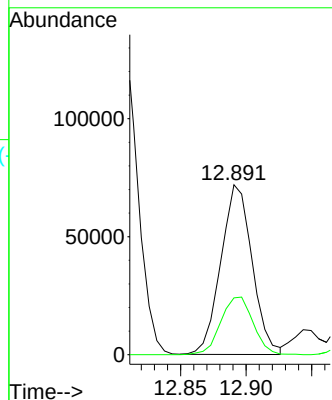
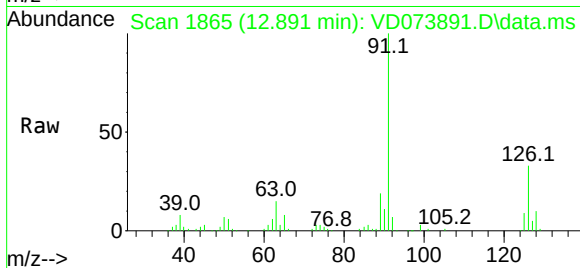
VD0721SBS01

Tgt Ion: 91 Resp: 119635

Ion Ratio Lower Upper

91 100

126 35.1 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 21.022 ug/l

RT: 12.944 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VD073891.D

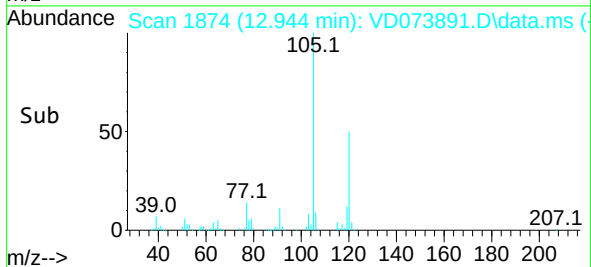
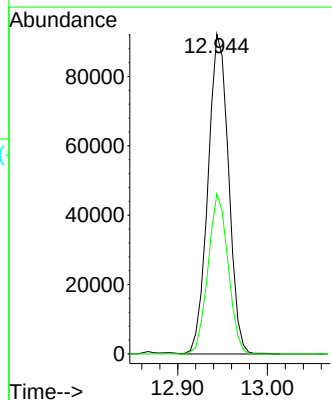
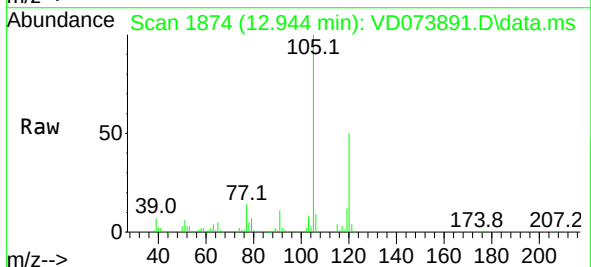
Acq: 21 Jul 2022 12:25

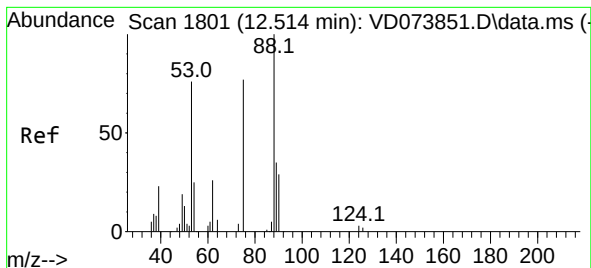
Tgt Ion: 105 Resp: 146806

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8

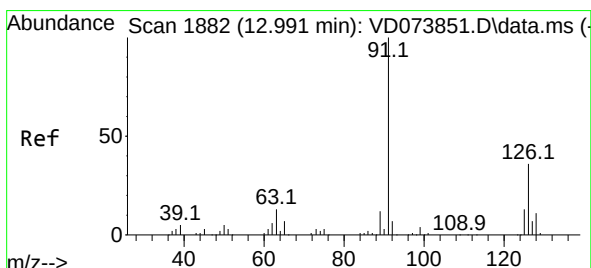
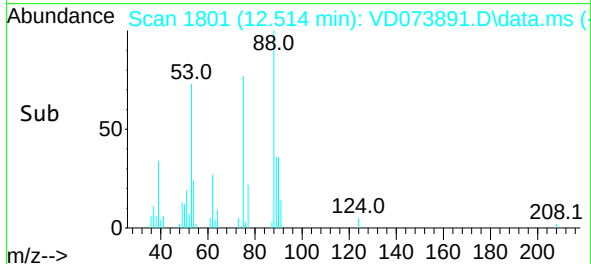
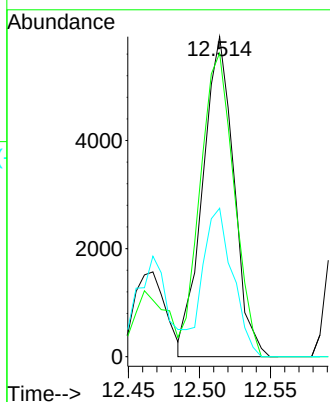
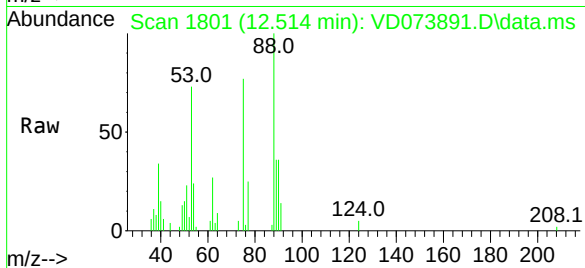




#81
trans-1,4-Dichloro-2-butene
Concen: 20.776 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

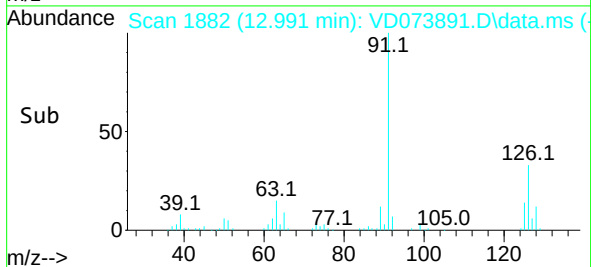
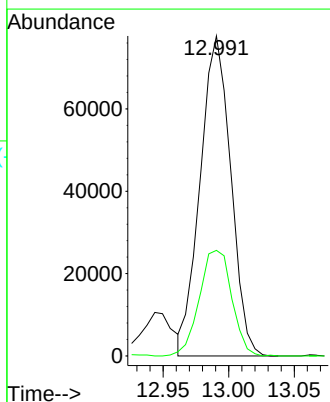
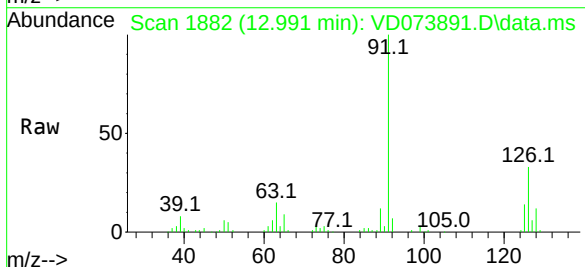
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

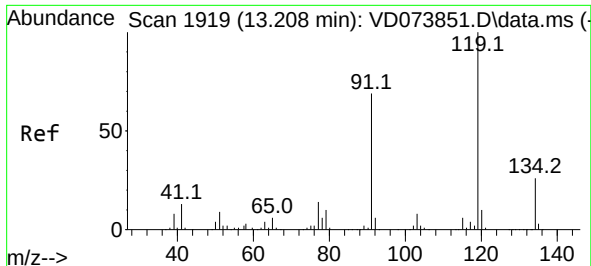
Tgt Ion: 75 Resp: 9036
Ion Ratio Lower Upper
75 100
53 102.6 86.5 129.7
89 44.4 33.9 50.9



#82
4-Chlorotoluene
Concen: 21.055 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion: 91 Resp: 126238
Ion Ratio Lower Upper
91 100
126 35.0 16.5 49.5

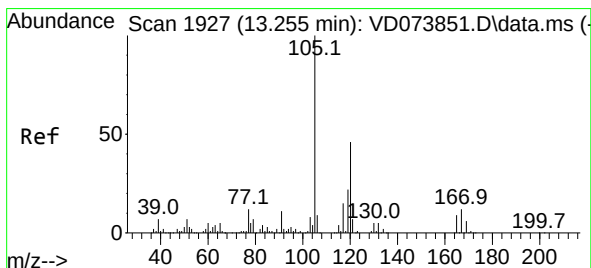
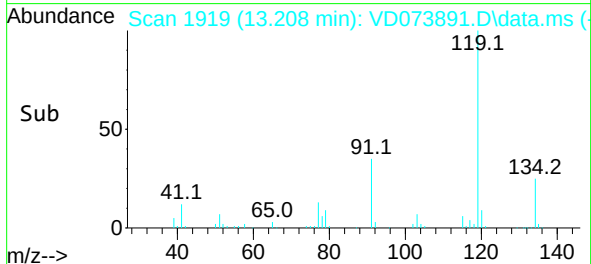
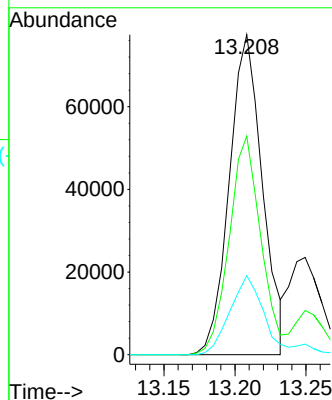
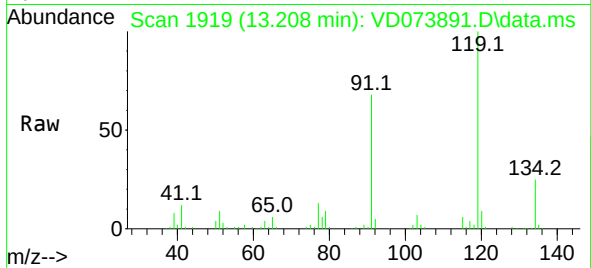




#83
tert-Butylbenzene
Concen: 20.999 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

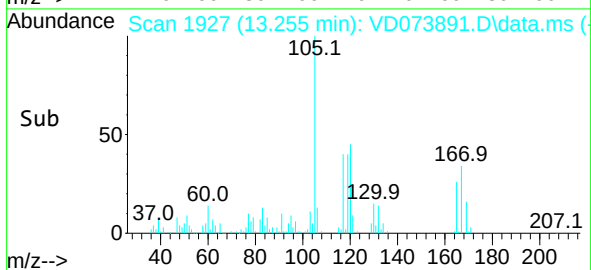
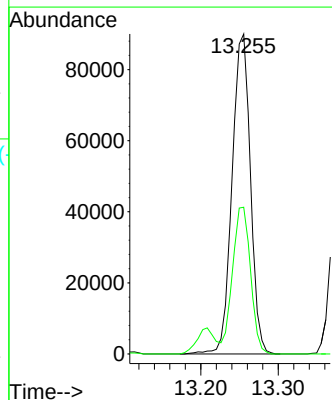
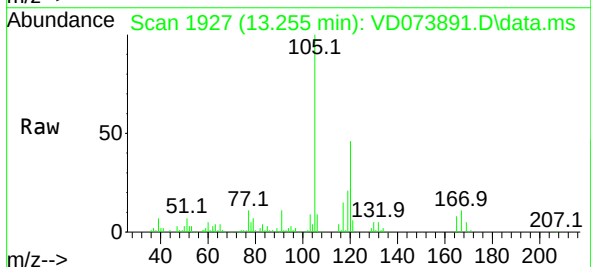
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

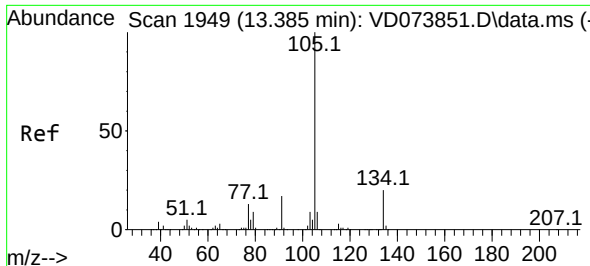
Tgt Ion:119 Resp: 125384
Ion Ratio Lower Upper
119 100
91 66.4 34.8 104.5
134 24.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 21.316 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion:105 Resp: 148270
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8

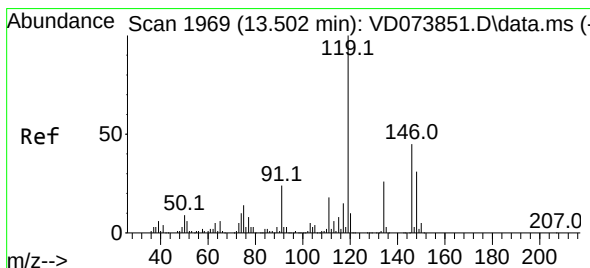
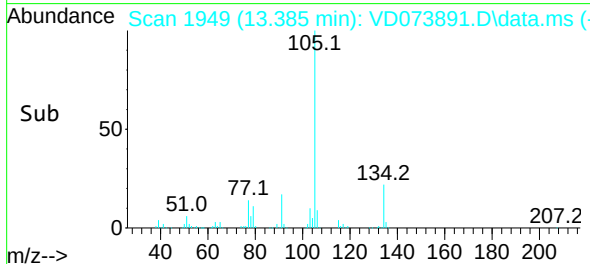
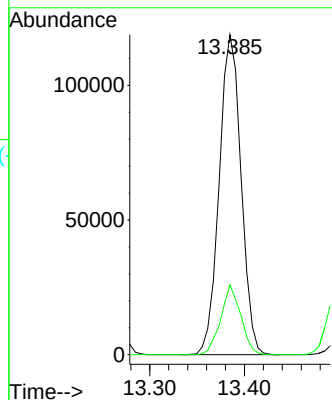
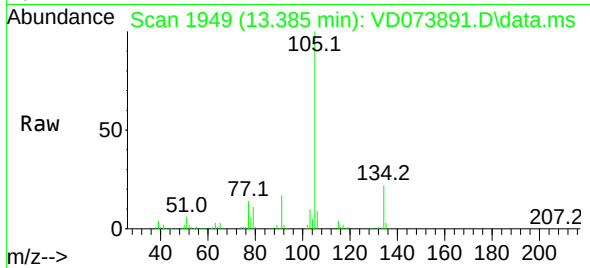




#85
 sec-Butylbenzene
 Concen: 21.192 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VD073891.D
 Acq: 21 Jul 2022 12:25

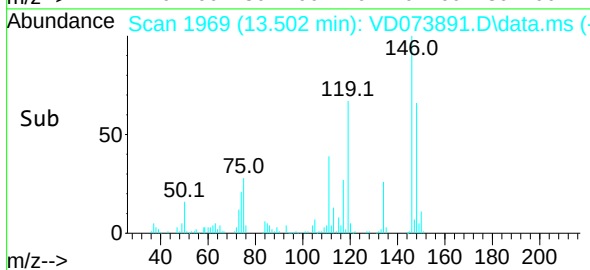
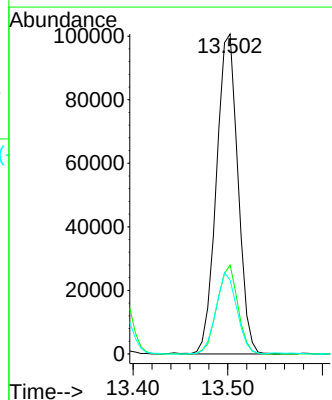
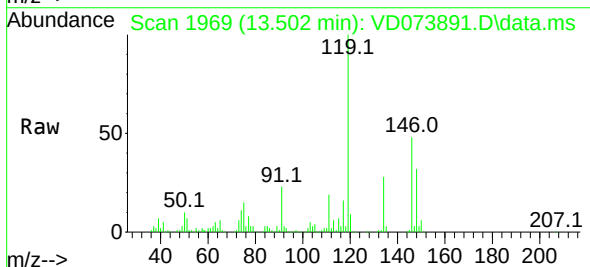
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

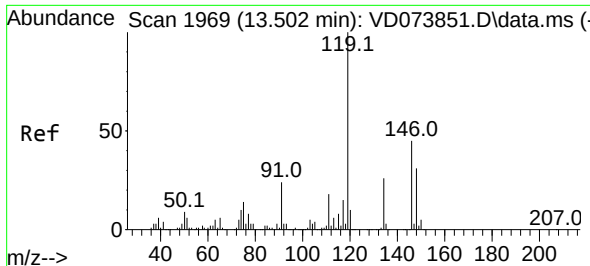
Tgt Ion:105 Resp: 190806
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.978 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073891.D
 Acq: 21 Jul 2022 12:25

Tgt Ion:119 Resp: 159039
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.9 38.6
 91 24.8 12.1 36.3

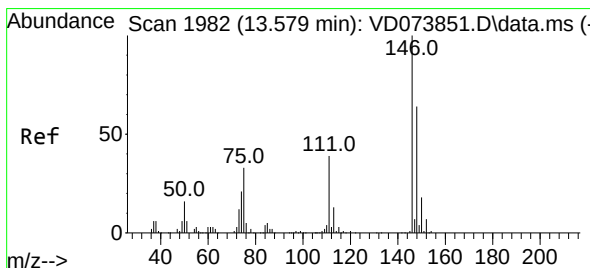
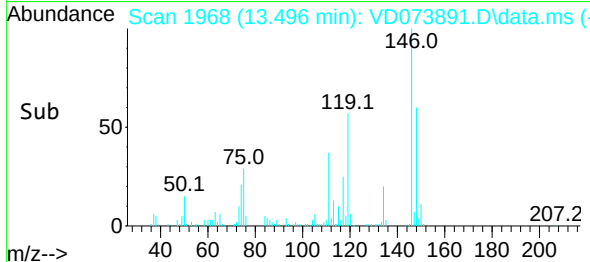
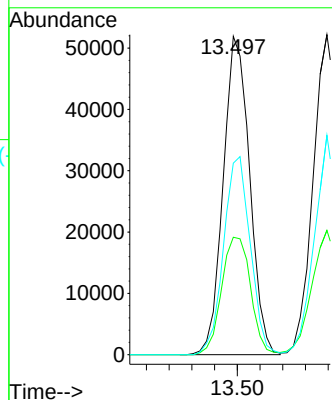
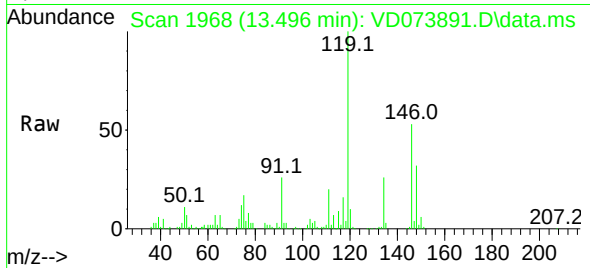




#87
1,3-Dichlorobenzene
Concen: 21.763 ug/l
RT: 13.496 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

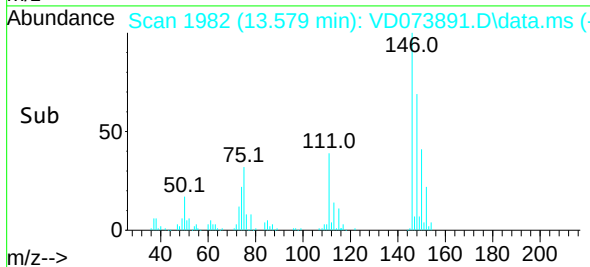
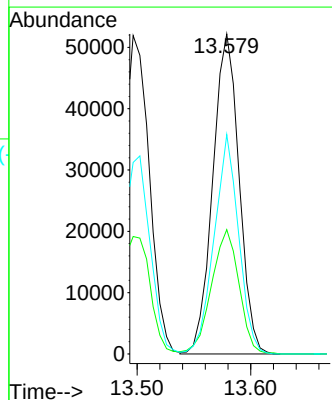
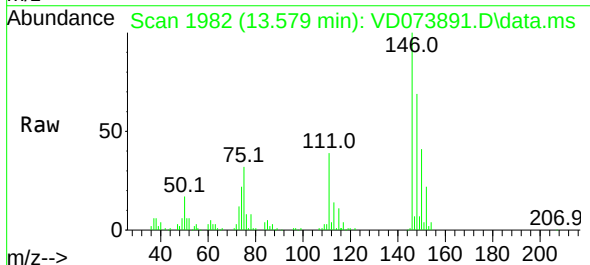
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

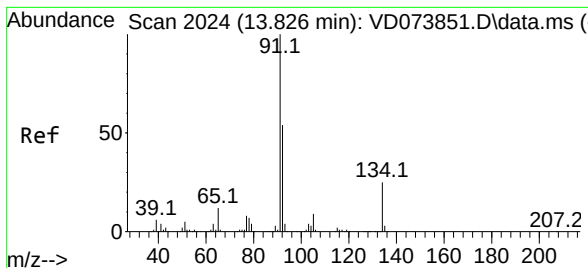
Tgt Ion:146 Resp: 83910
Ion Ratio Lower Upper
146 100
111 40.5 20.4 61.3
148 63.1 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 22.000 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion:146 Resp: 83848
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.9
148 64.1 31.7 95.1





#89

n-Butylbenzene

Concen: 21.055 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073891.D

Acq: 21 Jul 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

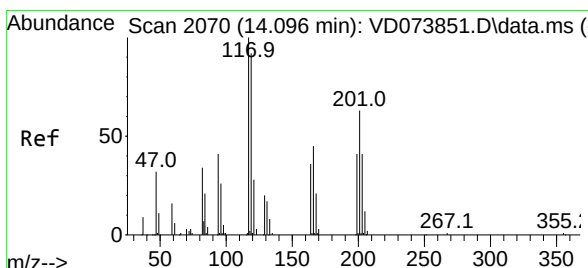
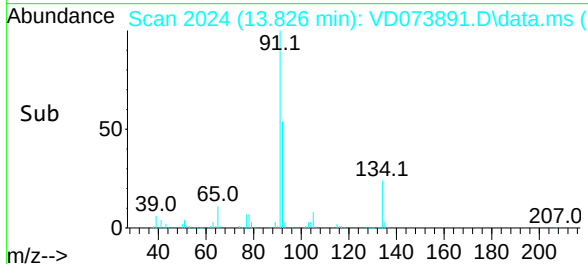
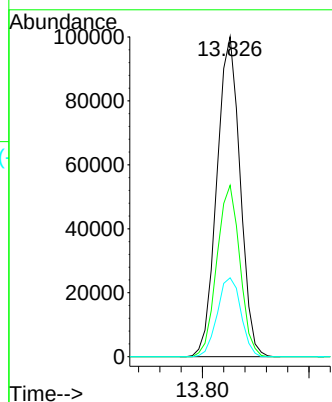
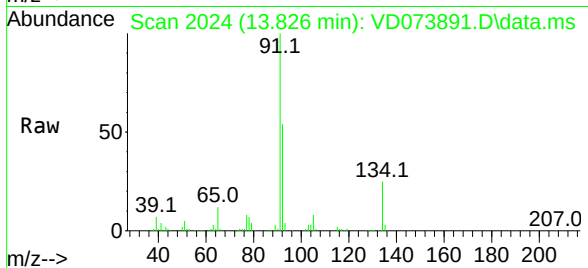
Tgt Ion: 91 Resp: 151555

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.8

134 25.0 12.3 36.9



#90

Hexachloroethane

Concen: 18.396 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073891.D

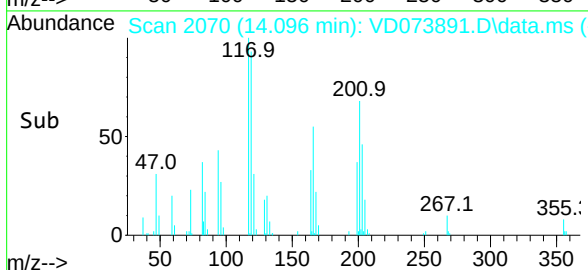
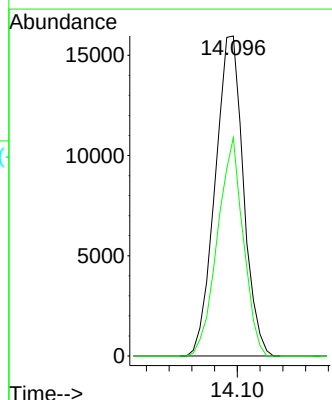
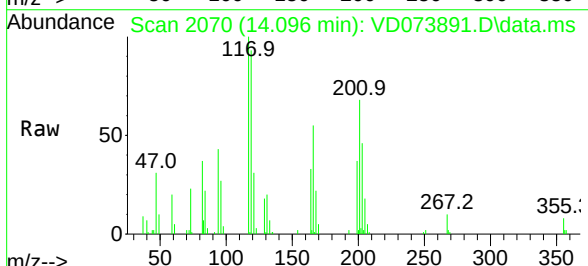
Acq: 21 Jul 2022 12:25

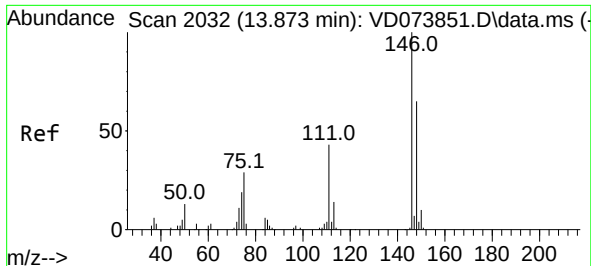
Tgt Ion: 117 Resp: 27559

Ion Ratio Lower Upper

117 100

201 62.2 33.4 100.2

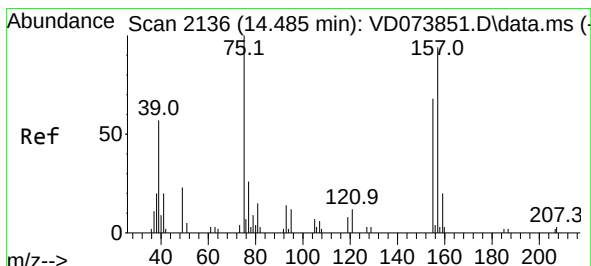
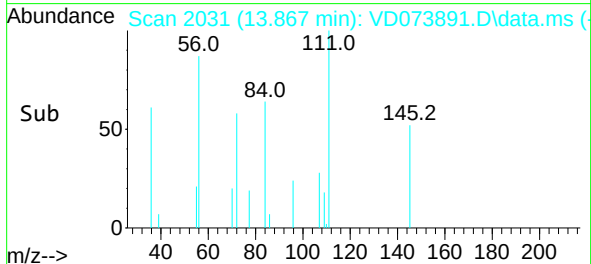
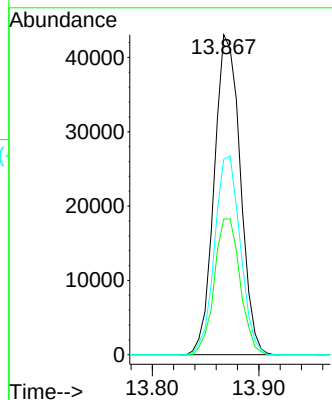
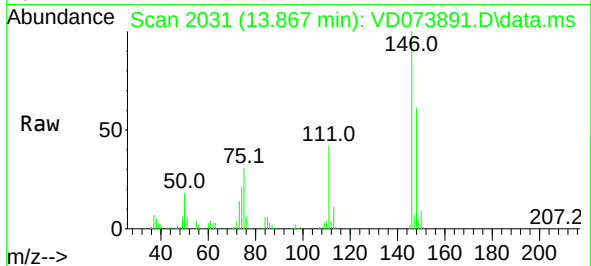




#91
 1,2-Dichlorobenzene
 Concen: 21.899 ug/l
 RT: 13.867 min Scan# 2032
 Delta R.T. -0.006 min
 Lab File: VD073891.D
 Acq: 21 Jul 2022 12:25

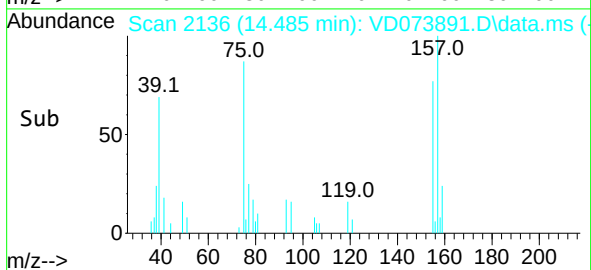
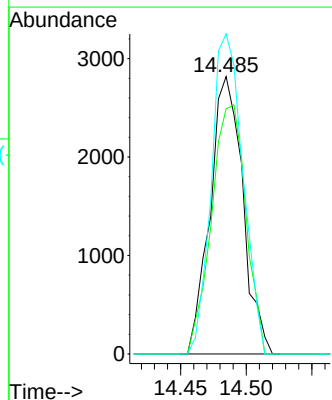
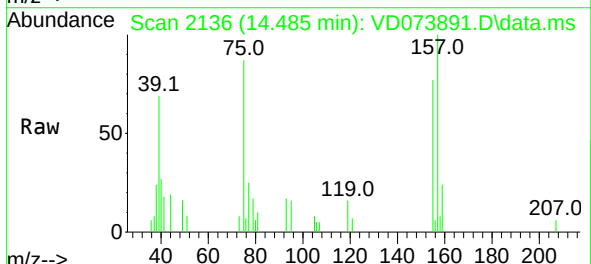
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

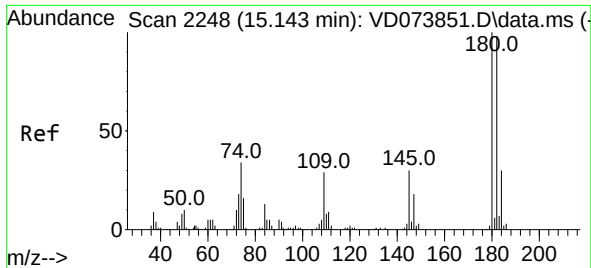
Tgt Ion:146 Resp: 72949
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.3
 148 61.5 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.278 ug/l
 RT: 14.485 min Scan# 2136
 Delta R.T. 0.000 min
 Lab File: VD073891.D
 Acq: 21 Jul 2022 12:25

Tgt Ion: 75 Resp: 4876
 Ion Ratio Lower Upper
 75 100
 155 94.2 36.8 110.3
 157 111.2 48.4 145.0

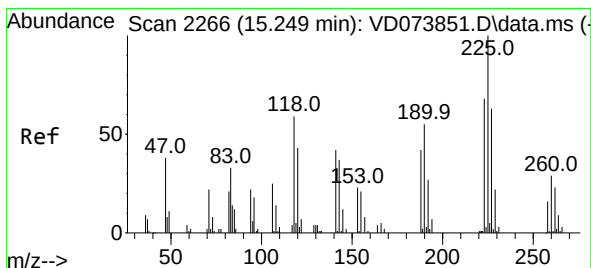
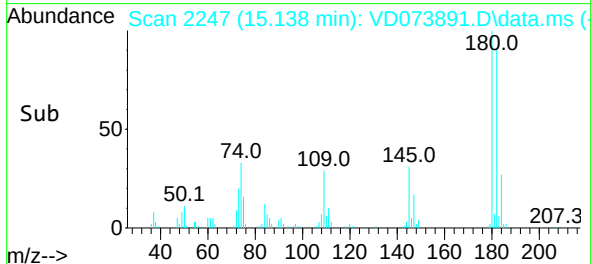
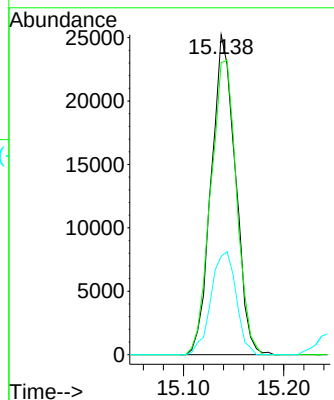
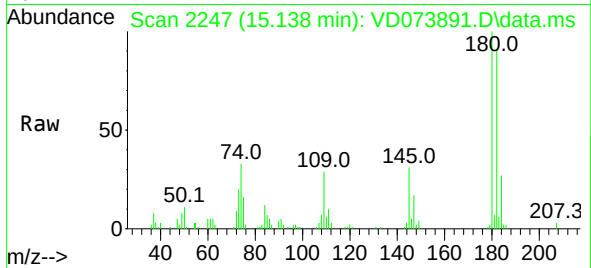




#93
 1,2,4-Trichlorobenzene
 Concen: 20.682 ug/l
 RT: 15.138 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073891.D
 Acq: 21 Jul 2022 12:25

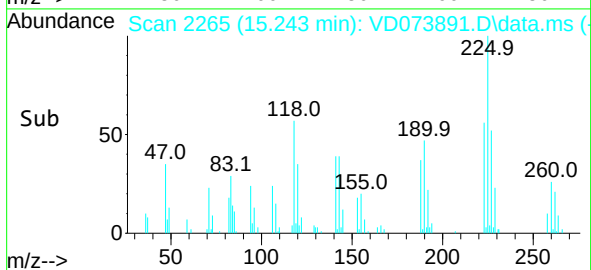
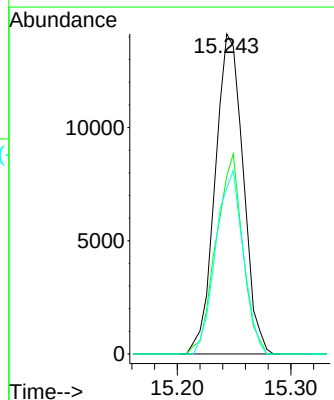
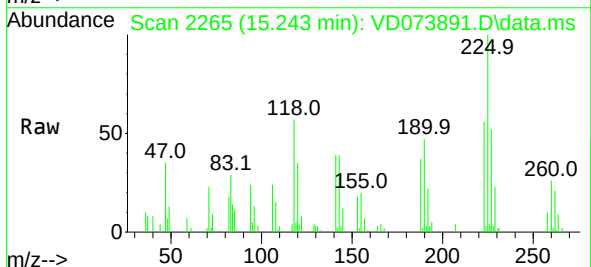
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

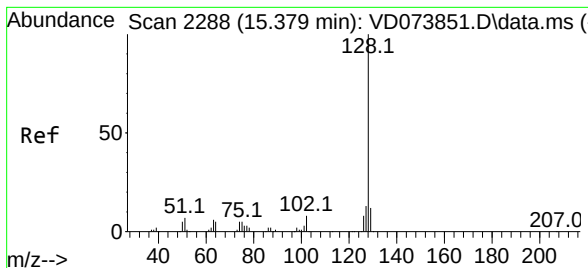
Tgt Ion:180 Resp: 42060
 Ion Ratio Lower Upper
 180 100
 182 98.5 47.3 142.0
 145 33.6 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 22.503 ug/l
 RT: 15.243 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: VD073891.D
 Acq: 21 Jul 2022 12:25

Tgt Ion:225 Resp: 24253
 Ion Ratio Lower Upper
 225 100
 223 59.2 31.1 93.2
 227 56.3 32.4 97.0

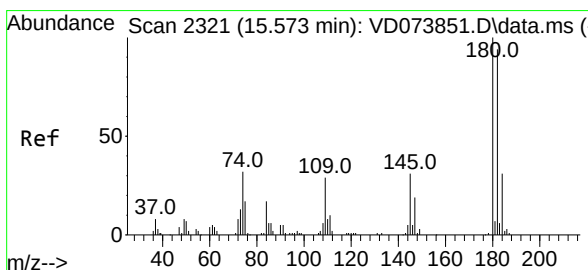
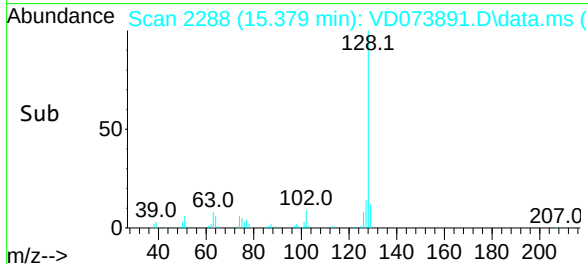
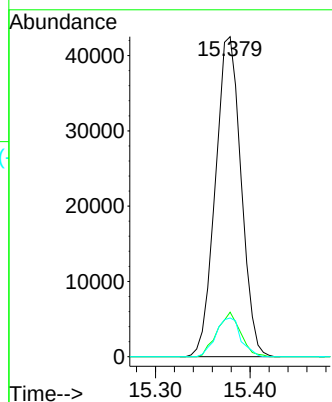
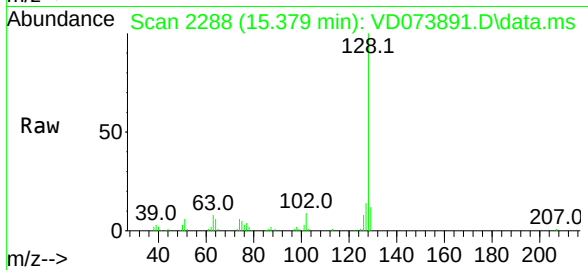




#95
Naphthalene
Concen: 21.930 ug/l
RT: 15.379 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

Tgt Ion:	128	Resp:	80164
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	11.7	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 21.858 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VD073891.D
Acq: 21 Jul 2022 12:25

Tgt Ion:	180	Resp:	37793
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.6	142.9
145	32.5	17.1	51.3

