

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062222\
 Data File : VD073651.D
 Acq On : 22 Jun 2022 13:06
 Operator : VA/SY
 Sample : VD0622SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

Quant Time: Jun 23 09:26:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:24:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	237588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	371468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	357853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	184106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	129176	47.253	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.500%
35) Dibromofluoromethane	7.908	113	135089	50.130	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.260%
50) Toluene-d8	10.332	98	477392	49.495	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.000%
62) 4-Bromofluorobenzene	12.620	95	178842	50.561	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	48347	21.703	ug/l	90
3) Chloromethane	2.209	50	42069	20.263	ug/l	91
4) Vinyl Chloride	2.344	62	41247	21.071	ug/l	99
5) Bromomethane	2.750	94	31107	21.191	ug/l	99
6) Chloroethane	2.909	64	27496	21.706	ug/l	93
7) Trichlorofluoromethane	3.267	101	94747	20.894	ug/l	93
8) Diethyl Ether	3.709	74	23908	20.210	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.085	101	54851	20.939	ug/l	98
10) Methyl Iodide	4.297	142	49468	19.495	ug/l	98
11) Tert butyl alcohol	5.179	59	14352	6.768	ug/l #	76
12) 1,1-Dichloroethene	4.067	96	47343	20.676	ug/l	96
13) Acrolein	3.926	56	5115	67.669	ug/l	100
14) Allyl chloride	4.709	41	68435	20.771	ug/l	99
15) Acrylonitrile	5.414	53	53810	100.263	ug/l	98
16) Acetone	4.161	43	43542	100.189	ug/l	91
17) Carbon Disulfide	4.403	76	123559	18.719	ug/l	98
18) Methyl Acetate	4.714	43	27225	21.224	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	115159	21.256	ug/l	93
20) Methylene Chloride	4.961	84	67375	20.443	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	54443	19.998	ug/l	90
22) Diisopropyl ether	6.361	45	152962	20.692	ug/l	96
23) Vinyl Acetate	6.303	43	389901	100.863	ug/l	99
24) 1,1-Dichloroethane	6.261	63	98019	19.802	ug/l	95
25) 2-Butanone	7.202	43	62374	98.591	ug/l	96
26) 2,2-Dichloropropane	7.197	77	95471	20.993	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	62383	19.863	ug/l	94
28) Bromochloromethane	7.544	49	33363	17.995	ug/l	97
29) Tetrahydrofuran	7.567	42	40482	103.175	ug/l	100
30) Chloroform	7.702	83	112128	20.009	ug/l	97
31) Cyclohexane	7.979	56	84129	20.227	ug/l	93
32) 1,1,1-Trichloroethane	7.897	97	102798	20.615	ug/l	99
36) 1,1-Dichloropropene	8.102	75	79945	21.180	ug/l	100
37) Ethyl Acetate	7.285	43	31674	21.809	ug/l	97
38) Carbon Tetrachloride	8.085	117	93688	21.854	ug/l	94
39) Methylcyclohexane	9.349	83	85485	20.439	ug/l	97
40) Benzene	8.344	78	227705	20.855	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	16451	20.463	ug/l	96
42) 1,2-Dichloroethane	8.414	62	70687	21.673	ug/l	97
43) Isopropyl Acetate	8.450	43	58011	21.218	ug/l	98
44) Trichloroethene	9.102	130	64908	20.872	ug/l	97
45) 1,2-Dichloropropane	9.379	63	57561	20.978	ug/l	95
46) Dibromomethane	9.467	93	32976	21.164	ug/l	96
47) Bromodichloromethane	9.655	83	86036	21.218	ug/l #	97
48) Methyl methacrylate	9.449	41	26124	18.877	ug/l	88
49) 1,4-Dioxane	9.455	88	7341	425.166	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	150782	107.418	ug/l	98
52) Toluene	10.396	92	151953	21.292	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	77205	20.792	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	88849	20.465	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	46265	21.027	ug/l	94
56) Ethyl methacrylate	10.655	69	48553	19.997	ug/l	99
57) 1,3-Dichloropropane	10.938	76	73563	20.300	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	98501	100.877	ug/l	99
59) 2-Hexanone	10.979	43	99658	102.953	ug/l	100
60) Dibromochloromethane	11.132	129	60611	21.131	ug/l	97
61) 1,2-Dibromoethane	11.238	107	43835	20.796	ug/l	97
64) Tetrachloroethene	10.867	164	55445	20.930	ug/l	98
65) Chlorobenzene	11.661	112	166171	20.795	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	63639	20.550	ug/l	97
67) Ethyl Benzene	11.732	91	285351	21.004	ug/l	95
68) m/p-Xylenes	11.843	106	224656	41.992	ug/l	98
69) o-Xylene	12.173	106	105471	21.151	ug/l	98
70) Styrene	12.185	104	182565	21.350	ug/l	99
71) Bromoform	12.349	173	35060	20.793	ug/l #	98
73) Isopropylbenzene	12.467	105	282640	21.277	ug/l	99
74) N-amyl acetate	12.279	43	55341	20.612	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	49841	19.952	ug/l	99
76) 1,2,3-Trichloropropane	12.943	75	6691	3.755	ug/l	80
77) Bromobenzene	12.749	156	67546	20.895	ug/l	98
78) n-propylbenzene	12.808	91	360293	22.143	ug/l	99
79) 2-Chlorotoluene	12.896	91	203705	21.344	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	250100	22.045	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	15173	19.652	ug/l	91
82) 4-Chlorotoluene	12.990	91	217164	21.319	ug/l	99
83) tert-Butylbenzene	13.208	119	208526	21.233	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	249247	22.271	ug/l	100
85) sec-Butylbenzene	13.385	105	320457	21.944	ug/l	98
86) p-Isopropyltoluene	13.502	119	268299	22.242	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	140129	21.011	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	141395	21.391	ug/l	99
89) n-Butylbenzene	13.826	91	246655	21.748	ug/l	98
90) Hexachloroethane	14.096	117	54292	21.074	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	121880	21.183	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	8673	22.232	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	72103	21.512	ug/l	96
94) Hexachlorobutadiene	15.249	225	41373	21.781	ug/l	98
95) Naphthalene	15.379	128	121763	20.430	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	62452	21.419	ug/l	99

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QLast Update : Tue Jun 21 05:24:45 2022
Response via : Initial Calibration

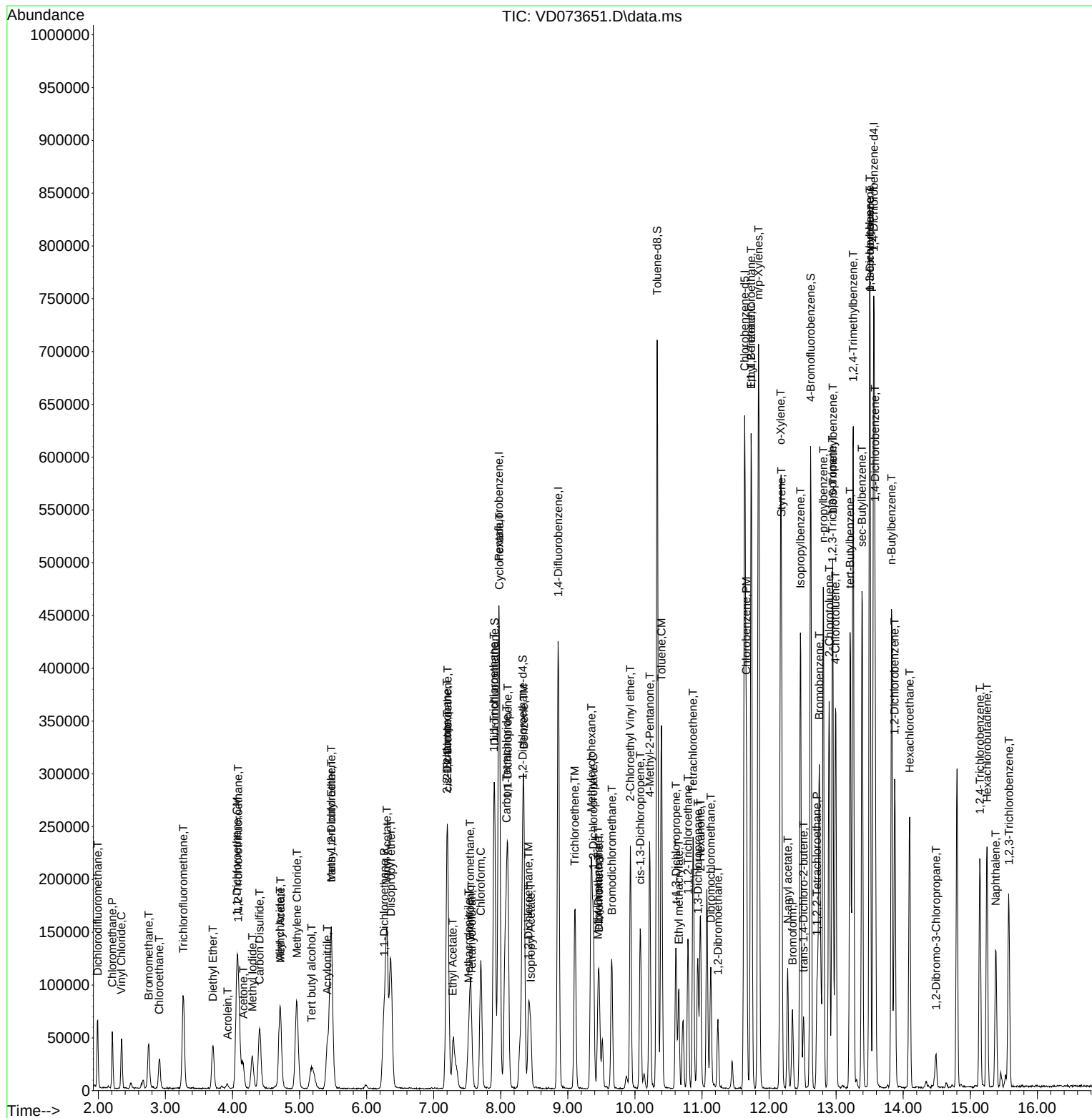
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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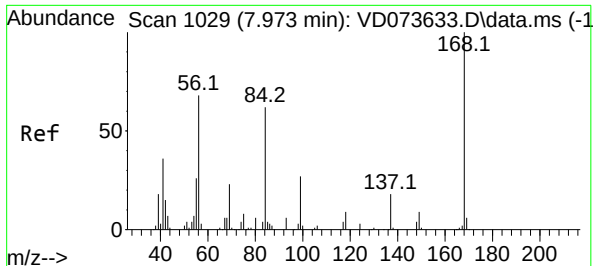
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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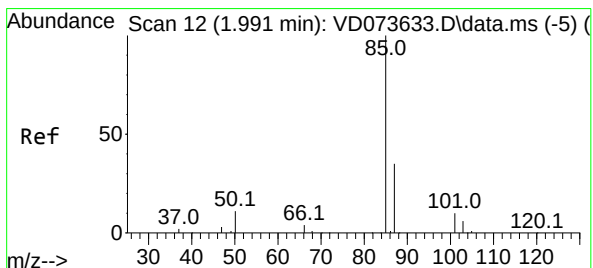
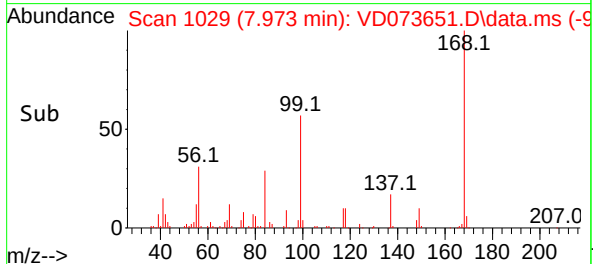
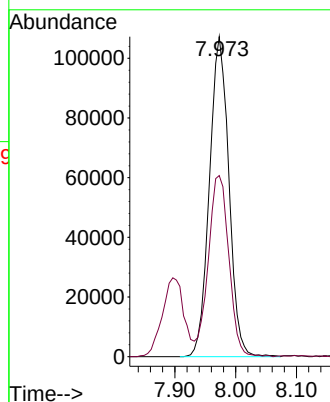
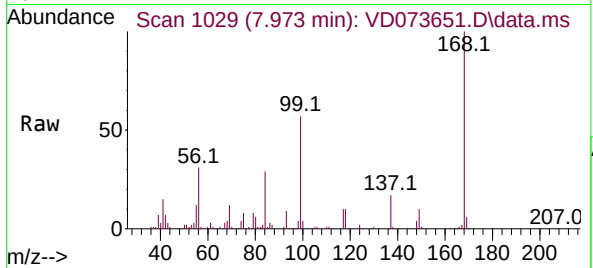




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

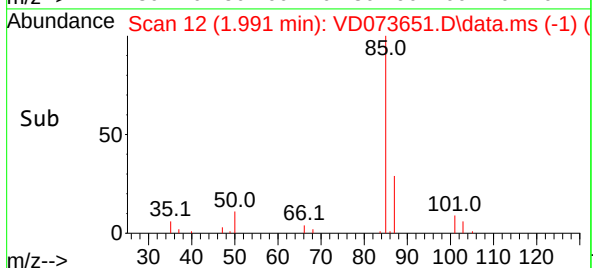
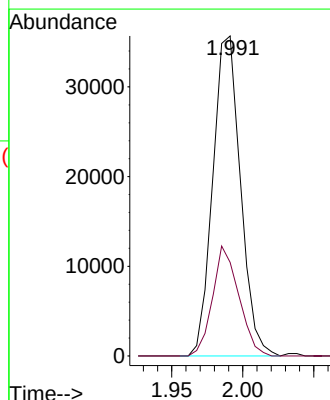
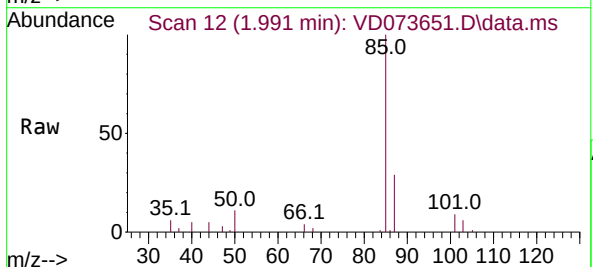
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

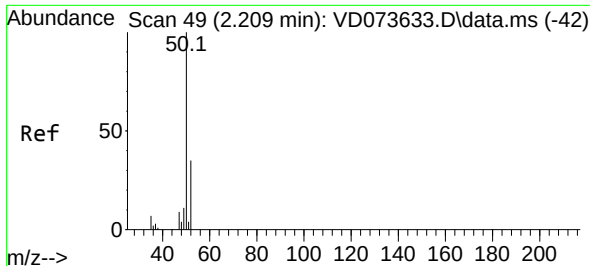
Tgt Ion:168 Resp: 237588
Ion Ratio Lower Upper
168 100
99 56.3 47.4 71.0



#2
Dichlorodifluoromethane
Concen: 21.703 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion: 85 Resp: 48347
Ion Ratio Lower Upper
85 100
87 29.3 17.4 52.2

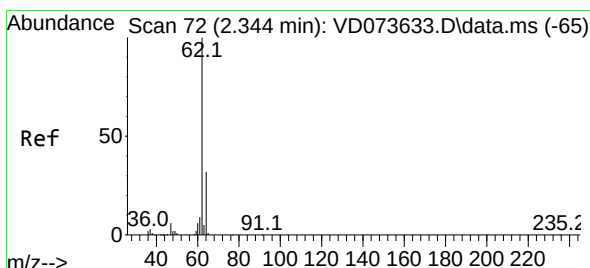
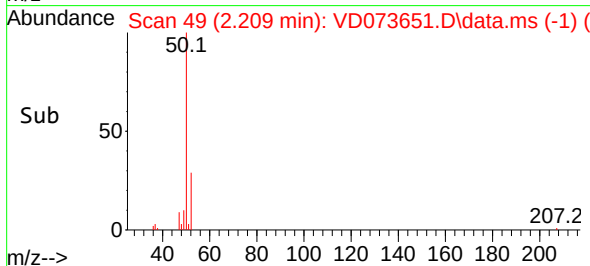
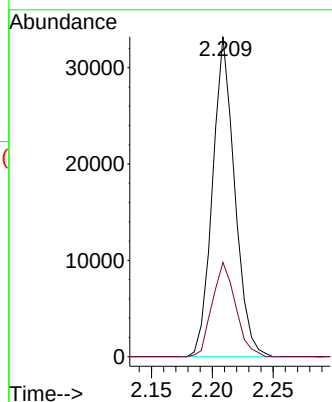
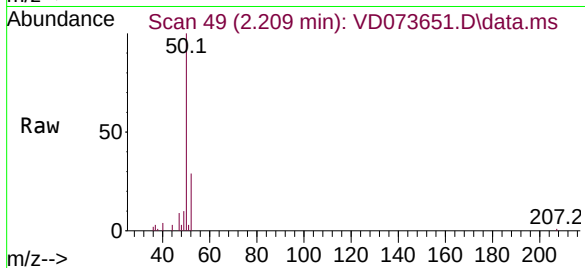




#3
Chloromethane
Concen: 20.263 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

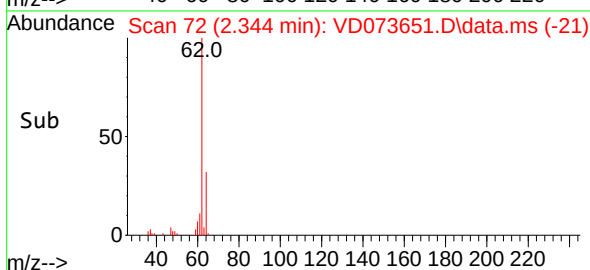
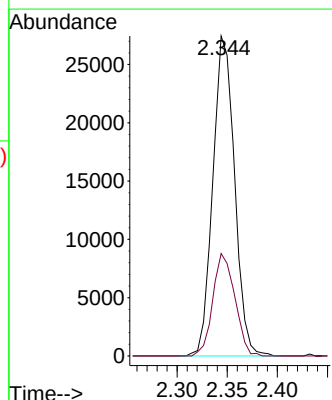
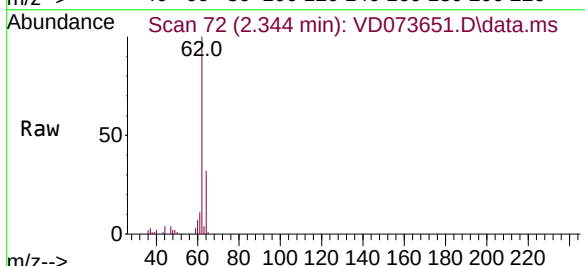
Instrument :
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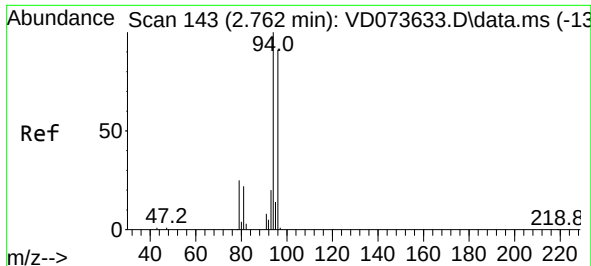
Tgt Ion: 50 Resp: 42069
Ion Ratio Lower Upper
50 100
52 29.4 27.8 41.8



#4
Vinyl Chloride
Concen: 21.071 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion: 62 Resp: 41247
Ion Ratio Lower Upper
62 100
64 32.0 25.9 38.9

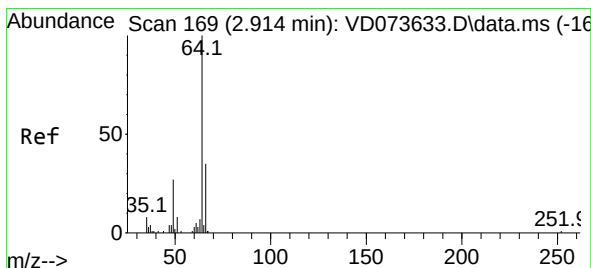
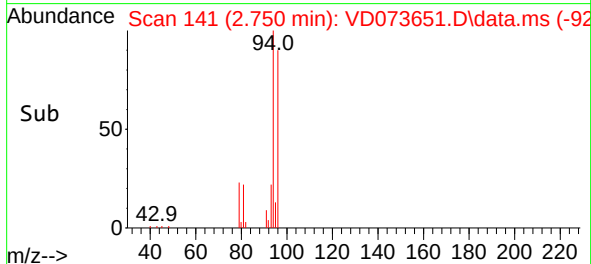
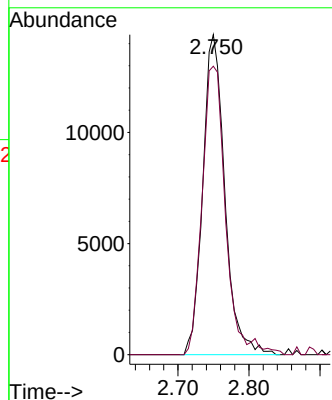
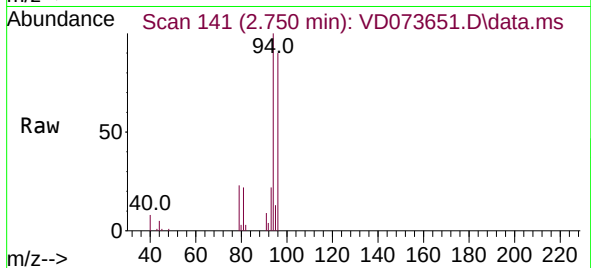




#5
Bromomethane
Concen: 21.191 ug/l
RT: 2.750 min Scan# 14
Delta R.T. -0.012 min
Lab File: VD073651.D
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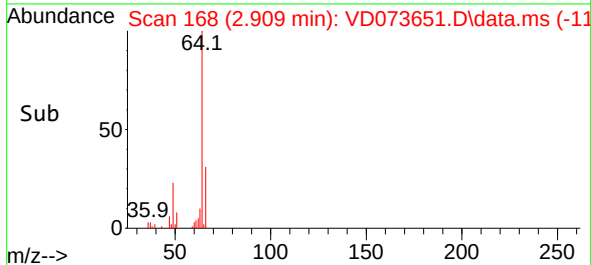
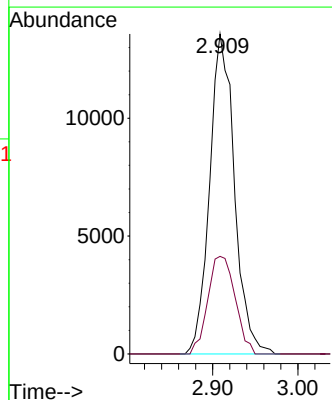
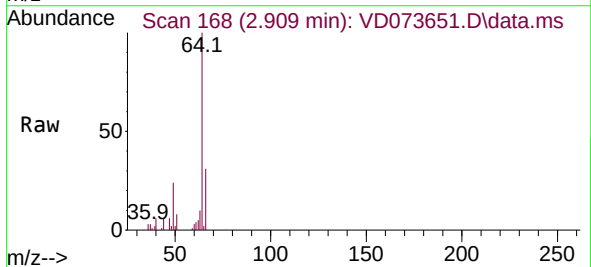
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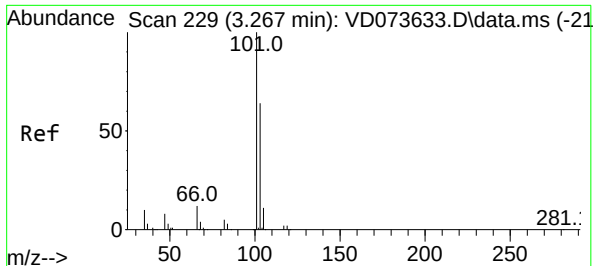
Tgt Ion: 94 Resp: 31107
Ion Ratio Lower Upper
94 100
96 90.1 72.6 108.8



#6
Chloroethane
Concen: 21.706 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion: 64 Resp: 27496
Ion Ratio Lower Upper
64 100
66 30.5 27.7 41.5

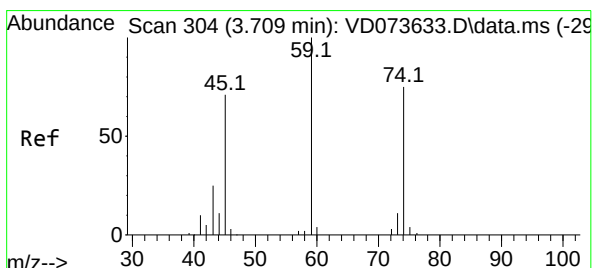
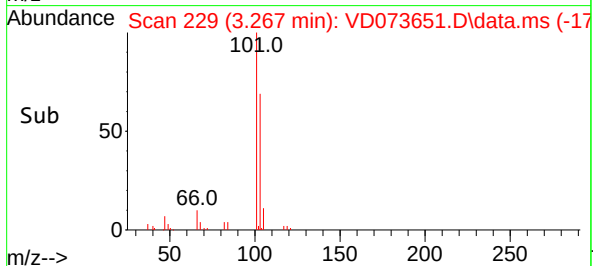
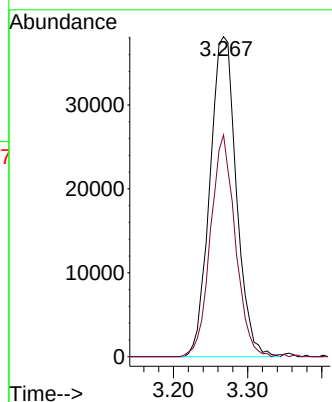
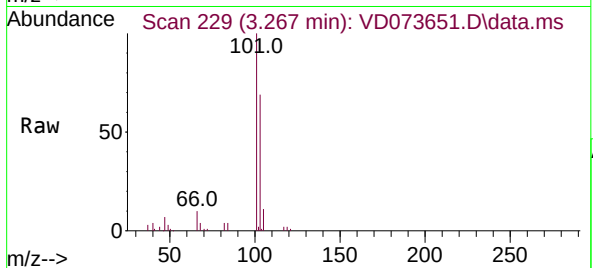




#7
Trichlorofluoromethane
Concen: 20.894 ug/l
RT: 3.267 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

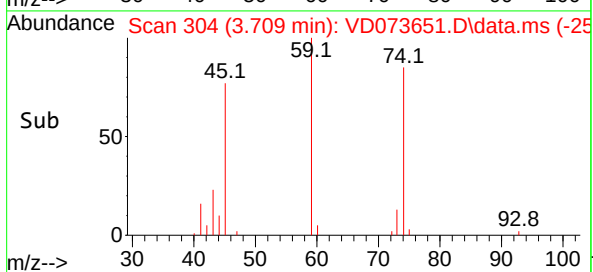
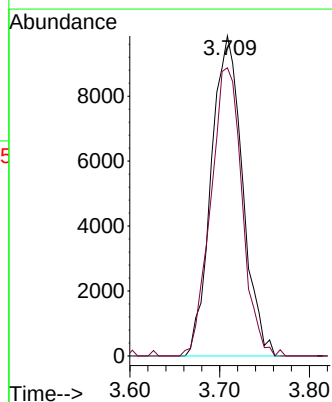
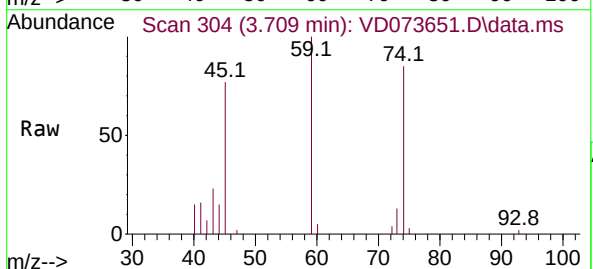
Instrument :
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ClientSampleId :
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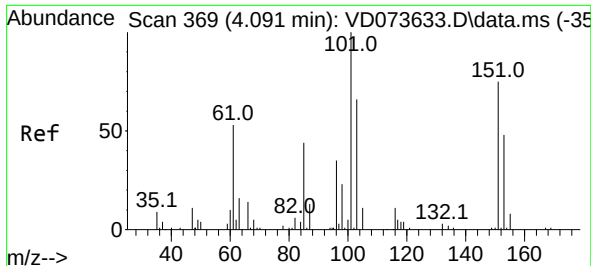
Tgt Ion:101 Resp: 94747
Ion Ratio Lower Upper
101 100
103 69.3 51.2 76.8



#8
Diethyl Ether
Concen: 20.210 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion: 74 Resp: 23908
Ion Ratio Lower Upper
74 100
45 90.1 47.6 142.8

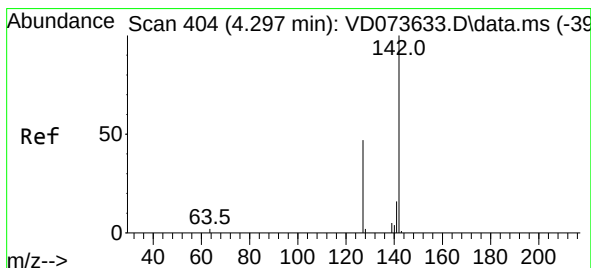
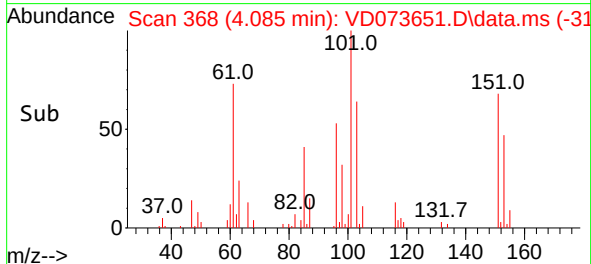
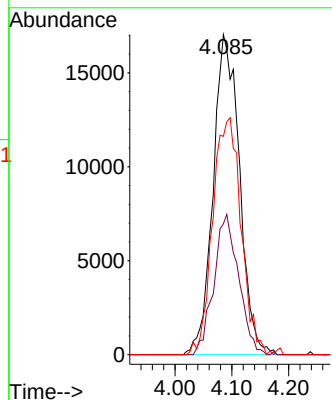
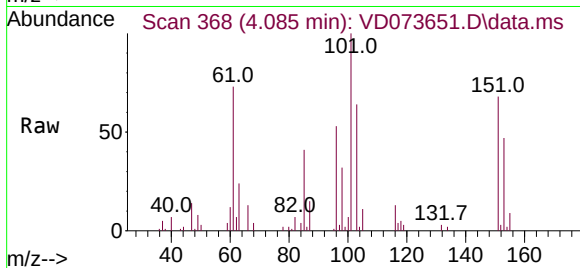




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.939 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

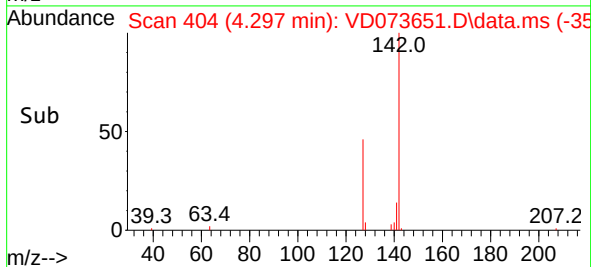
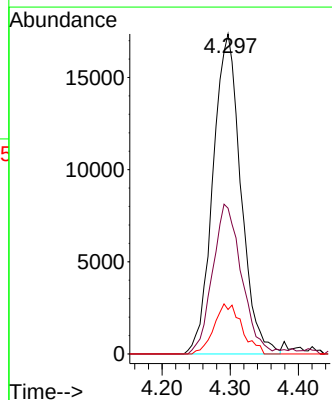
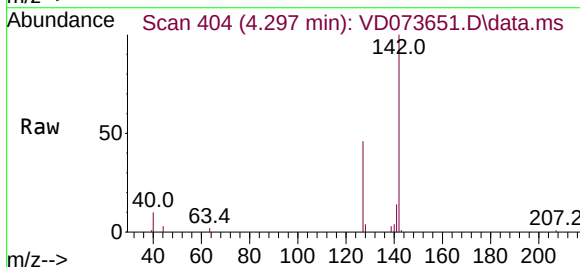
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

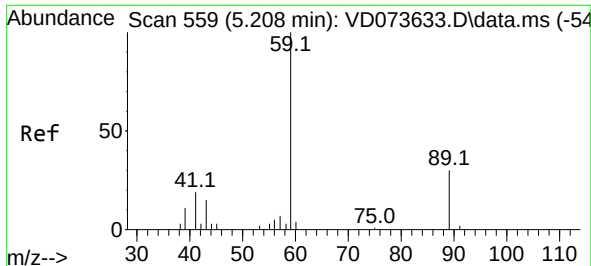
Tgt Ion:101 Resp: 54851
Ion Ratio Lower Upper
101 100
85 41.2 35.2 52.8
151 79.5 63.4 95.0



#10
Methyl Iodide
Concen: 19.495 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion:142 Resp: 49468
Ion Ratio Lower Upper
142 100
127 48.5 37.2 55.8
141 15.6 12.3 18.5





#11

Tert butyl alcohol

Concen: 6.768 ug/l

RT: 5.179 min Scan# 51

Delta R.T. -0.029 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

Instrument :

MSVOA_D

ClientSampleId :

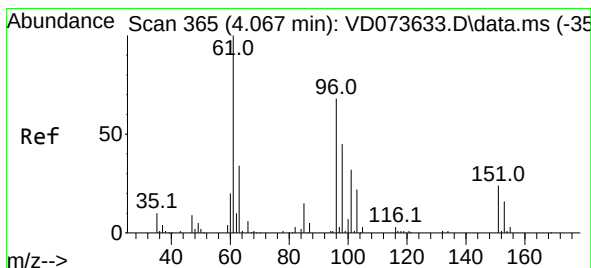
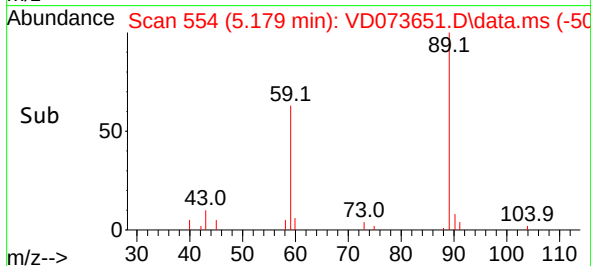
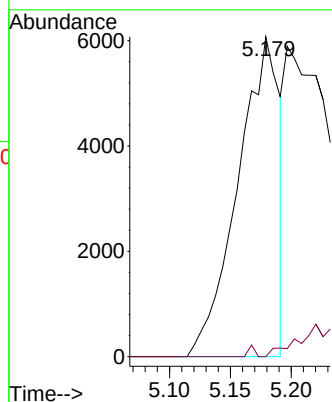
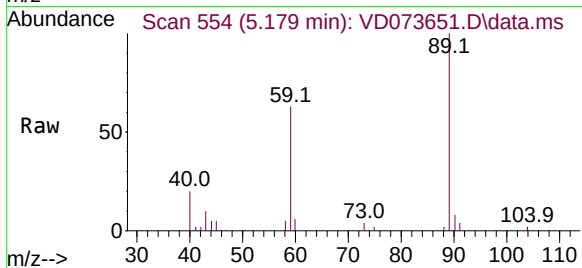
VD0622SBS01

Tgt Ion: 59 Resp: 14352

Ion Ratio Lower Upper

59 100

57 0.0 6.7 10.1#



#12

1,1-Dichloroethene

Concen: 20.676 ug/l

RT: 4.067 min Scan# 365

Delta R.T. 0.000 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

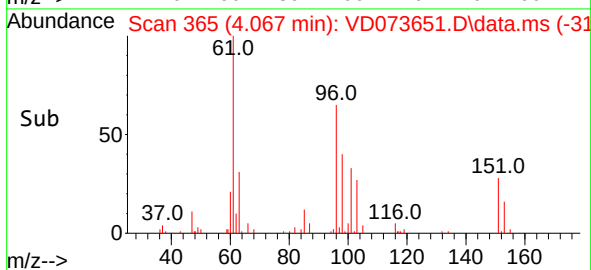
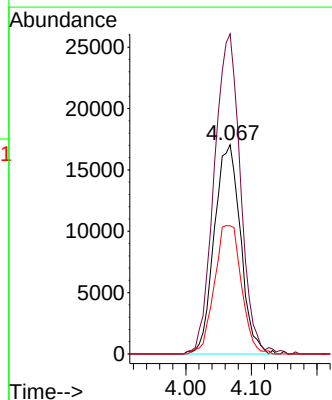
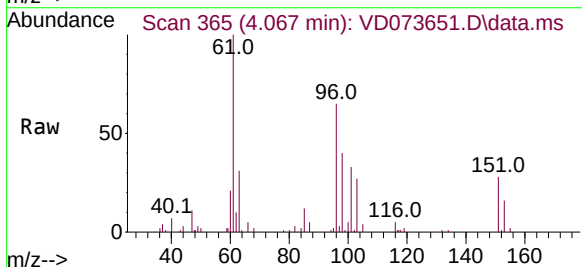
Tgt Ion: 96 Resp: 47343

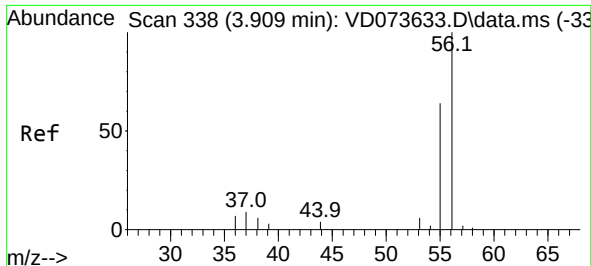
Ion Ratio Lower Upper

96 100

61 152.9 118.5 177.7

98 61.3 52.8 79.2

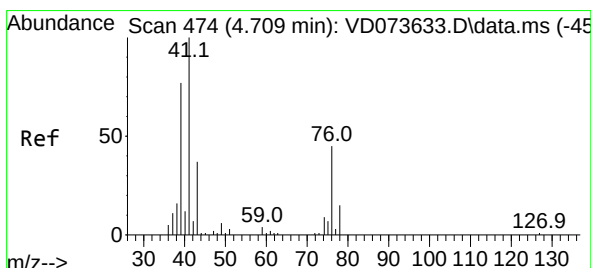
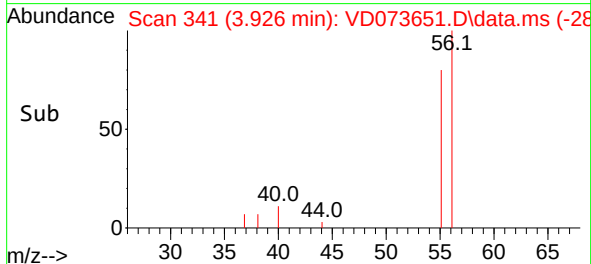
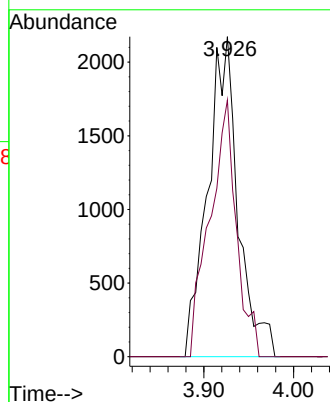
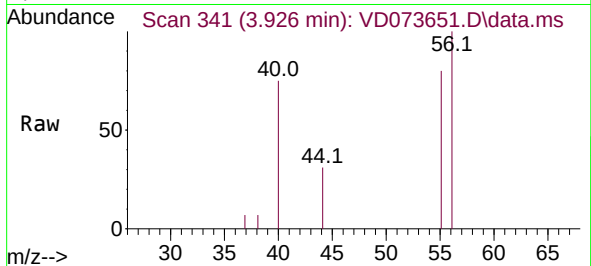




#13
Acrolein
Concen: 67.669 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.017 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

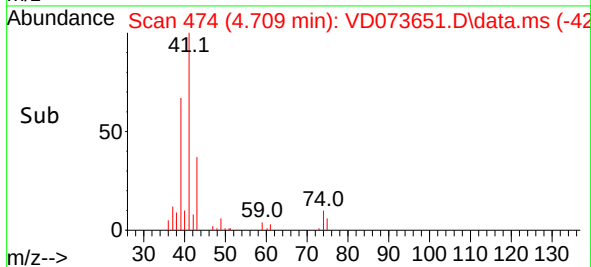
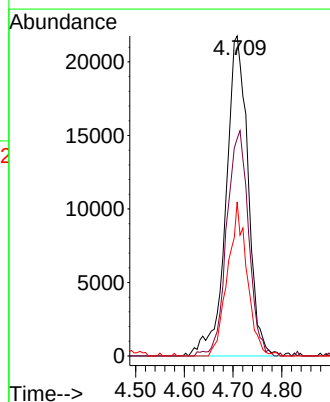
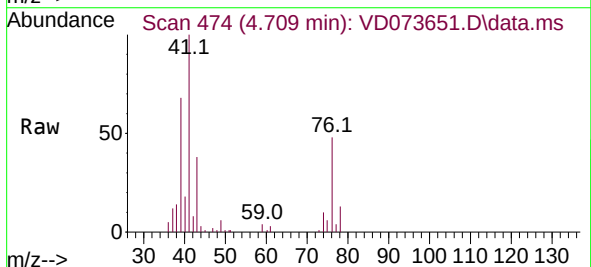
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

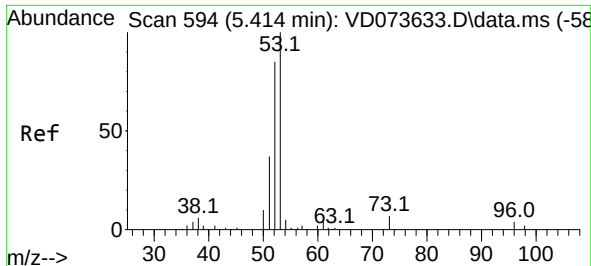
Tgt Ion: 56 Resp: 5115
Ion Ratio Lower Upper
56 100
55 70.2 56.4 84.6



#14
Allyl chloride
Concen: 20.771 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion: 41 Resp: 68435
Ion Ratio Lower Upper
41 100
39 69.9 57.3 85.9
76 41.9 33.4 50.0

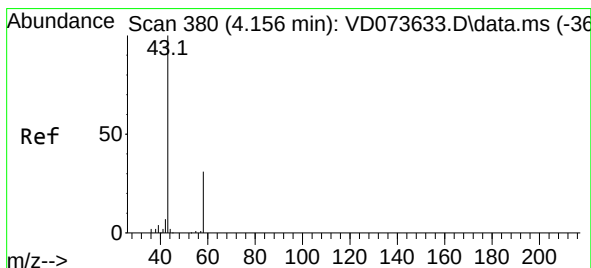
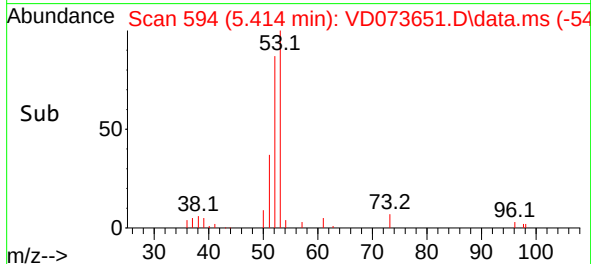
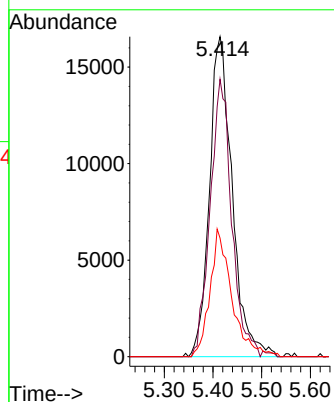
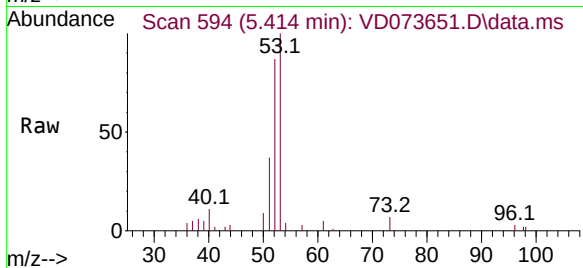




#15
Acrylonitrile
Concen: 100.263 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

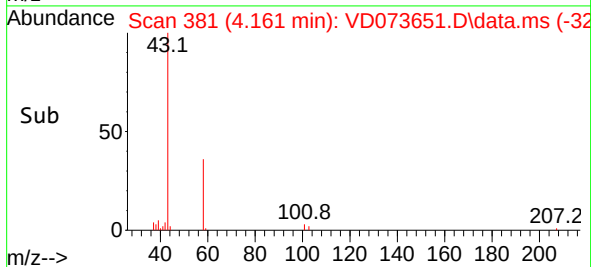
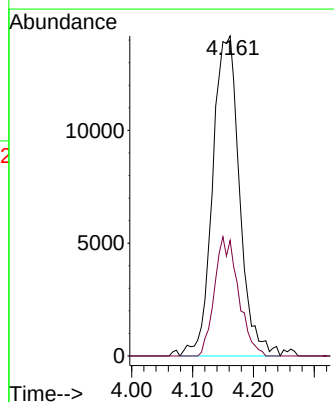
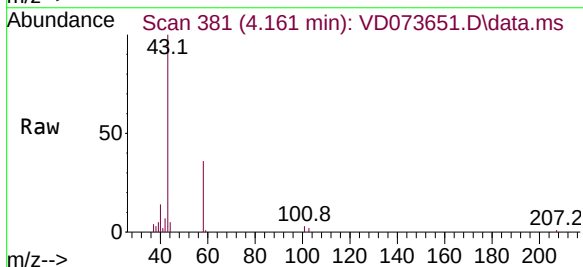
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

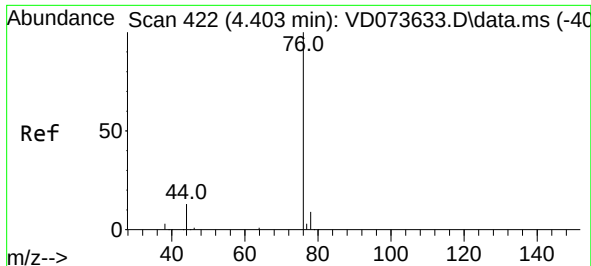
Tgt Ion: 53 Resp: 53810
Ion Ratio Lower Upper
53 100
52 81.9 64.6 97.0
51 38.4 29.6 44.4



#16
Acetone
Concen: 100.189 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion: 43 Resp: 43542
Ion Ratio Lower Upper
43 100
58 36.1 25.0 37.4





#17

Carbon Disulfide

Concen: 18.719 ug/l

RT: 4.403 min Scan# 41

Delta R.T. -0.000 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

Instrument :

MSVOA_D

ClientSampleId :

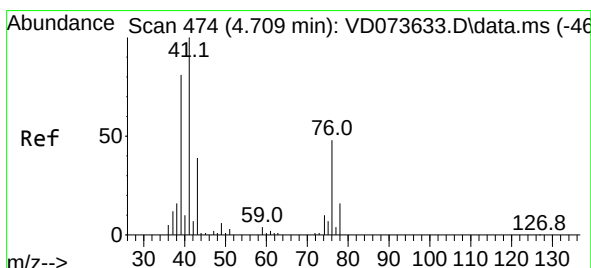
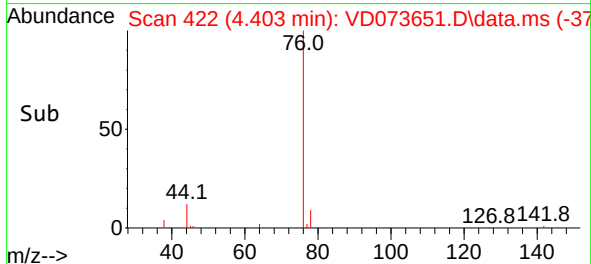
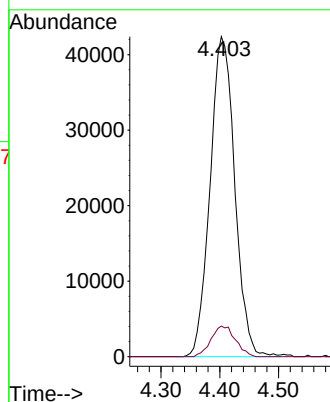
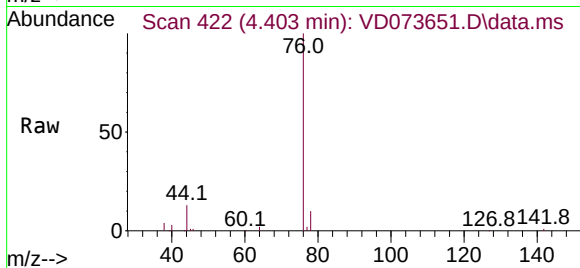
VD0622SBS01

Tgt Ion: 76 Resp: 123559

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.4



#18

Methyl Acetate

Concen: 21.224 ug/l

RT: 4.714 min Scan# 475

Delta R.T. 0.005 min

Lab File: VD073651.D

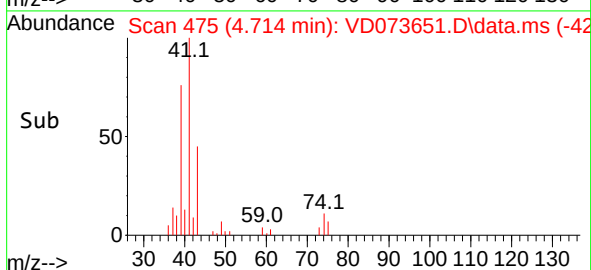
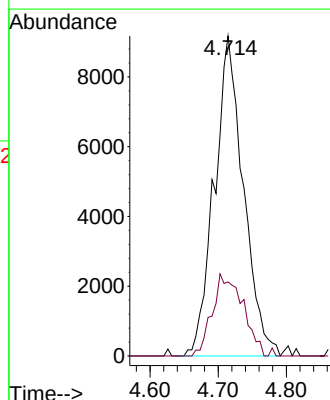
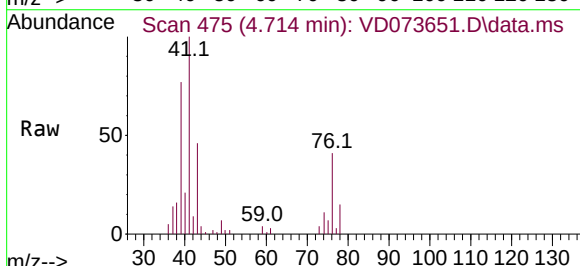
Acq: 22 Jun 2022 13:06

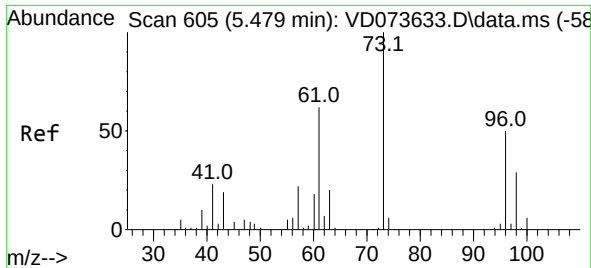
Tgt Ion: 43 Resp: 27225

Ion Ratio Lower Upper

43 100

74 26.9 21.2 31.8

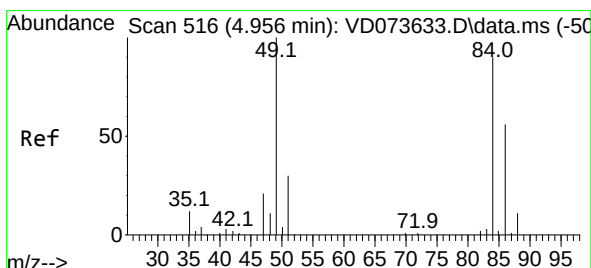
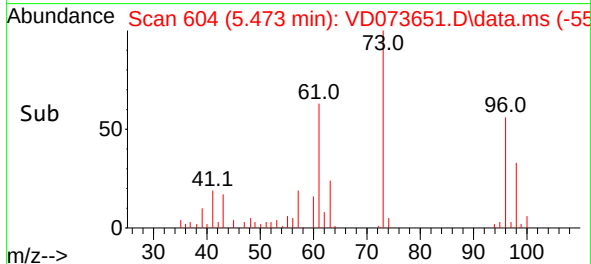
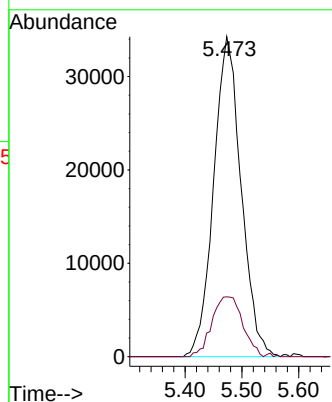
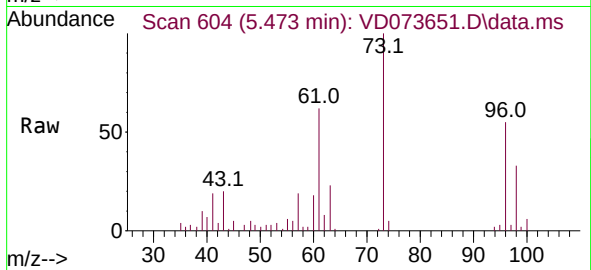




#19
Methyl tert-butyl Ether
Concen: 21.256 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

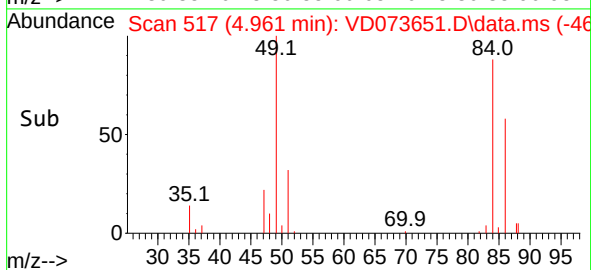
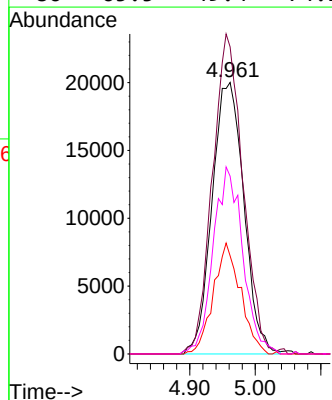
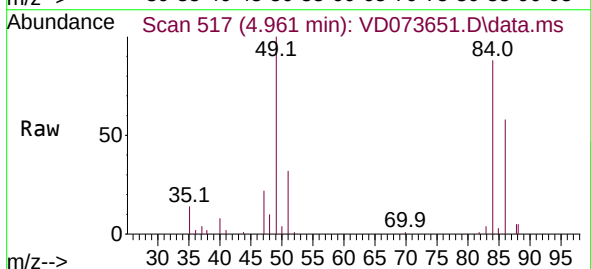
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

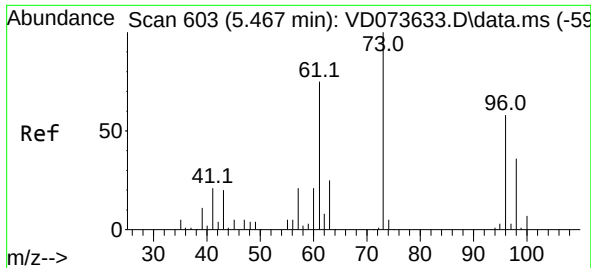
Tgt Ion: 73 Resp: 115159
Ion Ratio Lower Upper
73 100
57 18.7 17.7 26.5



#20
Methylene Chloride
Concen: 20.443 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion: 84 Resp: 67375
Ion Ratio Lower Upper
84 100
49 113.1 89.0 133.6
51 36.1 26.7 40.1
86 65.5 49.4 74.2

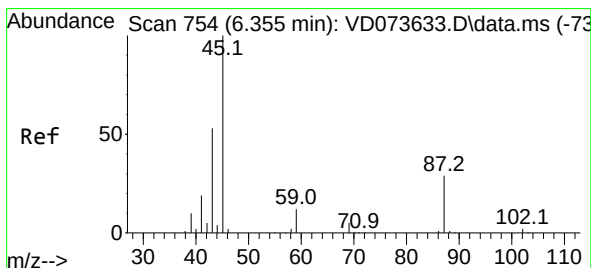
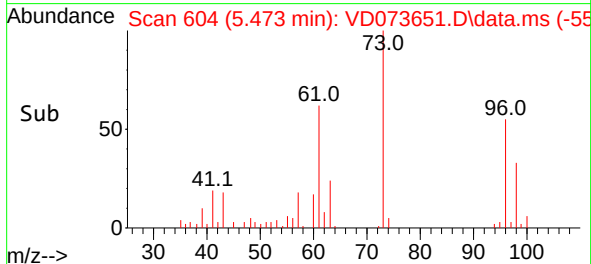
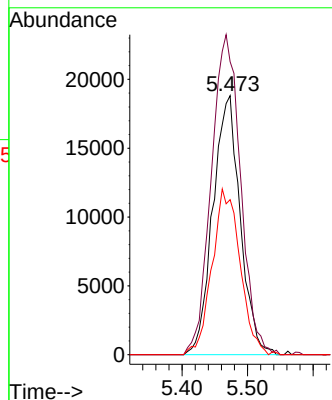
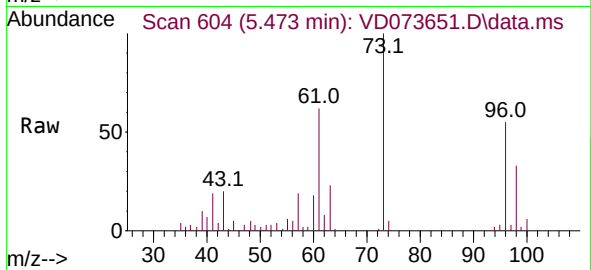




#21
trans-1,2-Dichloroethene
Concen: 19.998 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

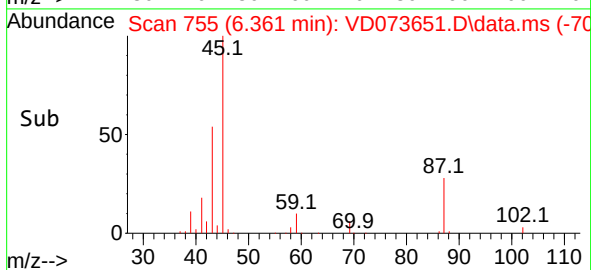
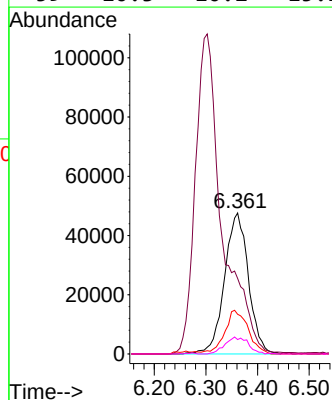
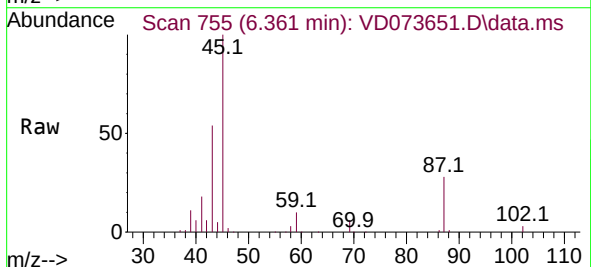
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

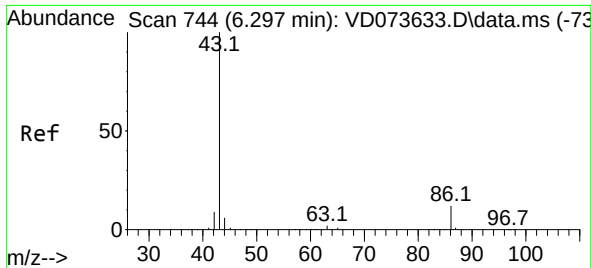
Tgt Ion: 96 Resp: 54443
Ion Ratio Lower Upper
96 100
61 113.1 103.2 154.8
98 59.9 50.2 75.4



#22
Diisopropyl ether
Concen: 20.692 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.006 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion: 45 Resp: 152962
Ion Ratio Lower Upper
45 100
43 52.3 43.8 65.6
87 28.2 23.8 35.6
59 10.3 10.2 15.2

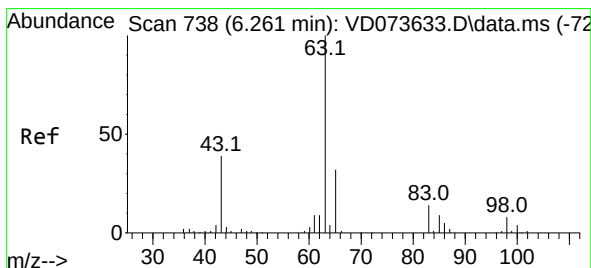
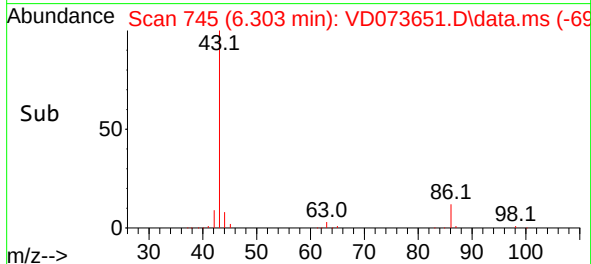
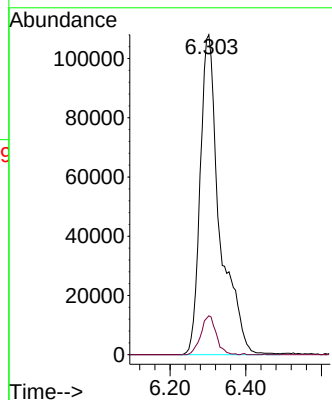
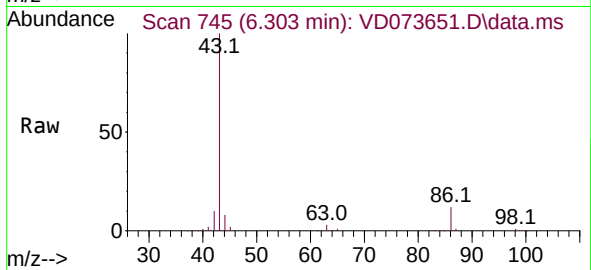




#23
 Vinyl Acetate
 Concen: 100.863 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073651.D
 Acq: 22 Jun 2022 13:06

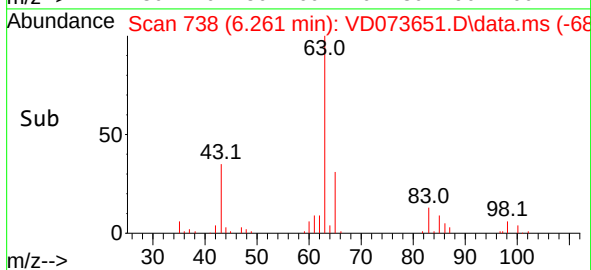
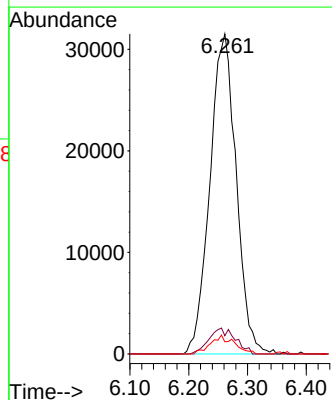
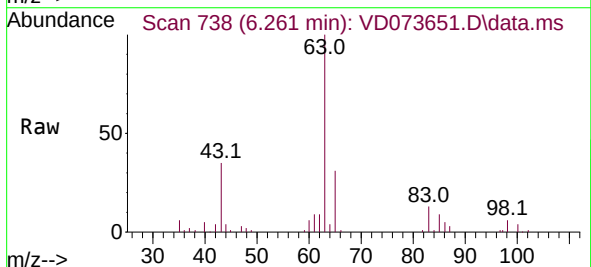
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

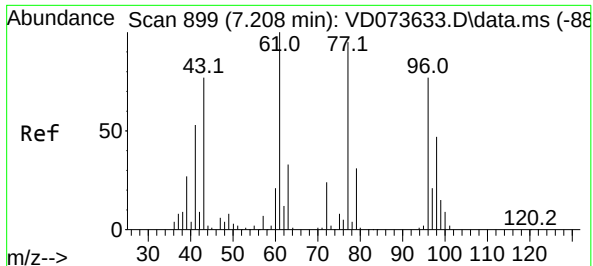
Tgt Ion: 43 Resp: 389901
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 19.802 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073651.D
 Acq: 22 Jun 2022 13:06

Tgt Ion: 63 Resp: 98019
 Ion Ratio Lower Upper
 63 100
 98 5.7 4.1 12.3
 100 3.8 2.1 6.2

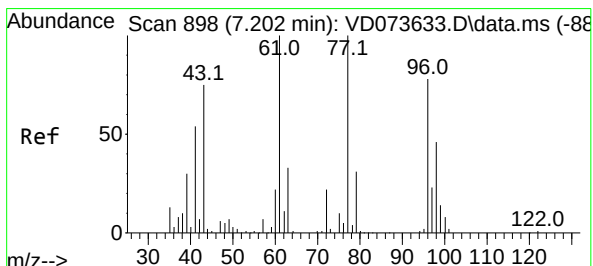
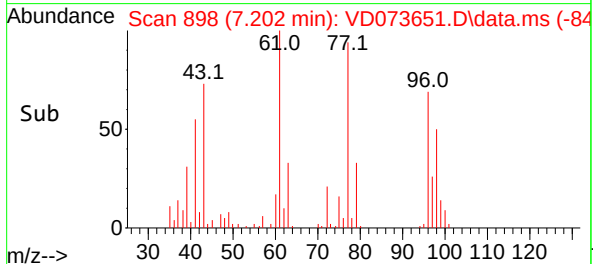
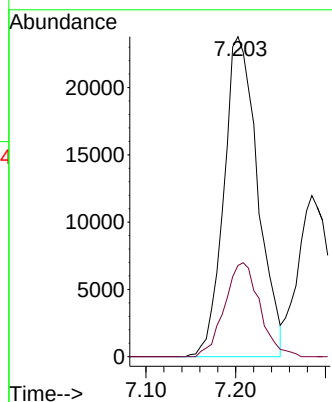
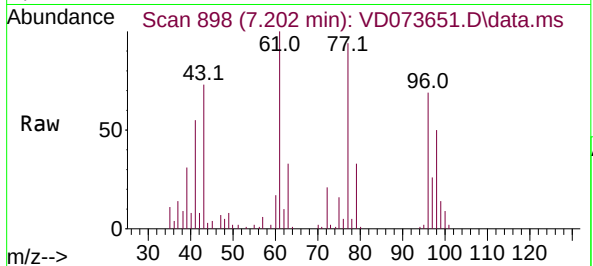




#25
2-Butanone
Concen: 98.591 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

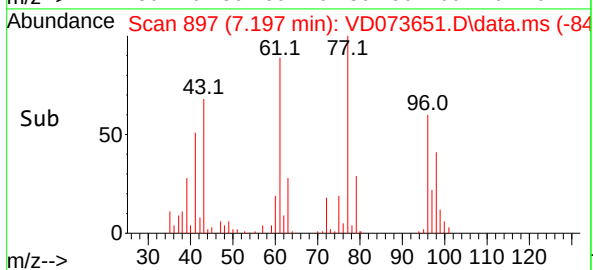
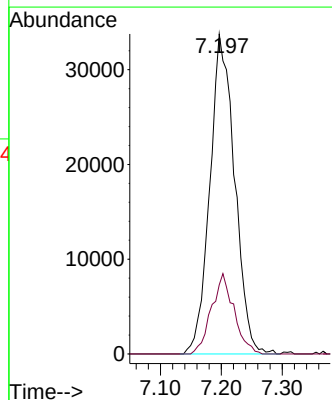
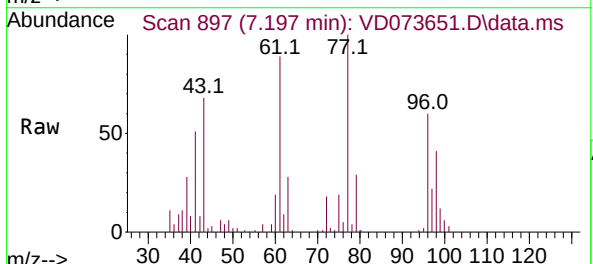
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

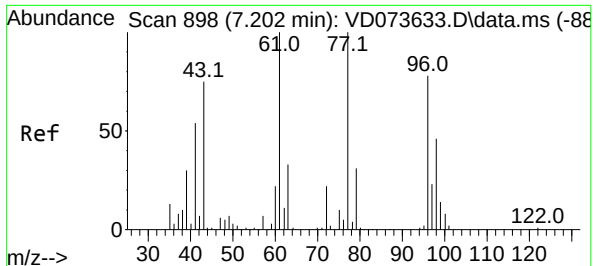
Tgt Ion: 43 Resp: 62374
Ion Ratio Lower Upper
43 100
72 28.5 24.7 37.1



#26
2,2-Dichloropropane
Concen: 20.993 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion: 77 Resp: 95471
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.863 ug/l

RT: 7.208 min Scan# 898

Delta R.T. 0.006 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

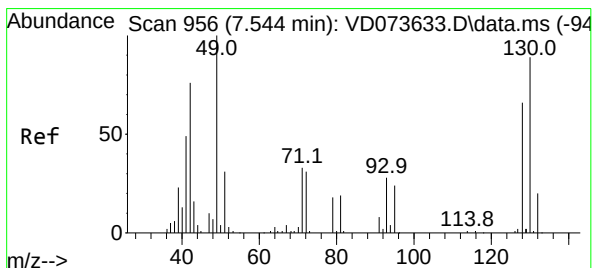
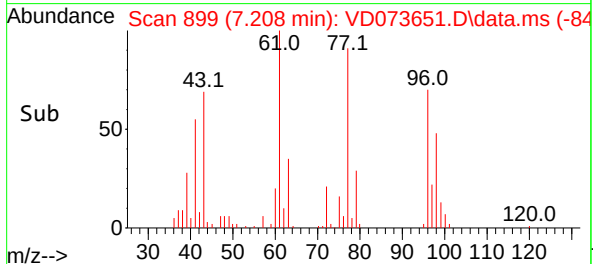
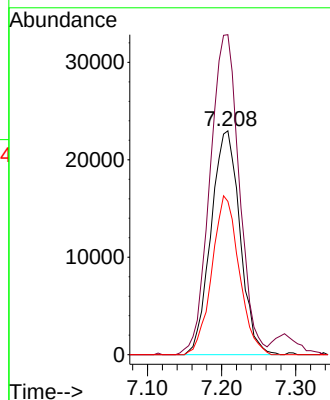
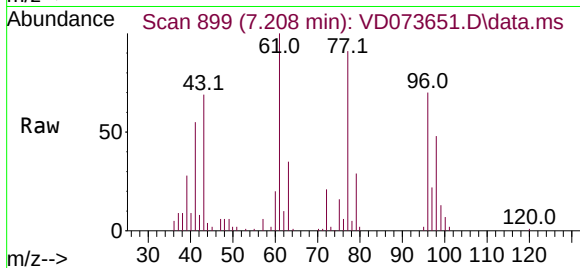
Tgt Ion: 96 Resp: 62383

Ion Ratio Lower Upper

96 100

61 145.0 0.0 273.2

98 66.8 0.0 126.8



#28

Bromochloromethane

Concen: 17.995 ug/l

RT: 7.544 min Scan# 956

Delta R.T. 0.000 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

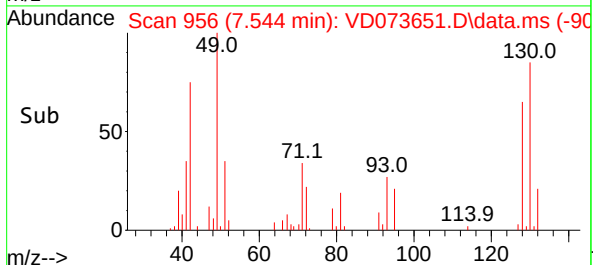
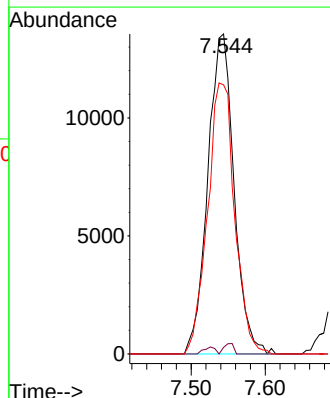
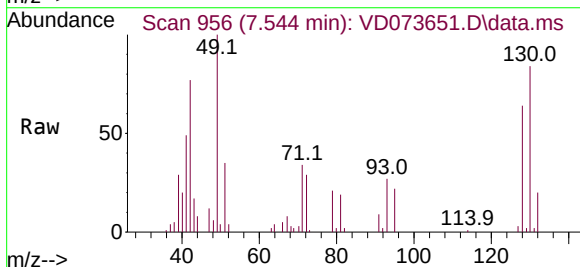
Tgt Ion: 49 Resp: 33363

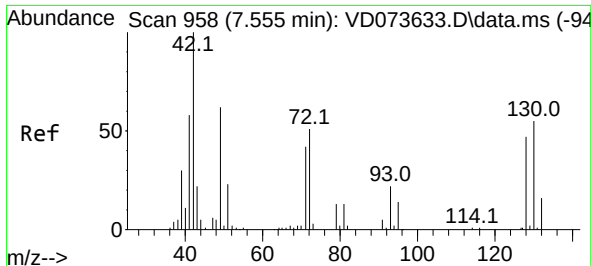
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.8

130 87.6 72.2 108.2





#29

Tetrahydrofuran

Concen: 103.175 ug/l

RT: 7.567 min Scan# 90

Delta R.T. 0.012 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

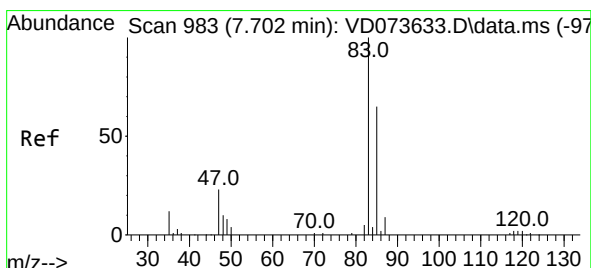
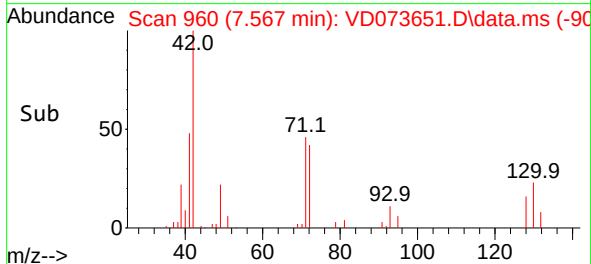
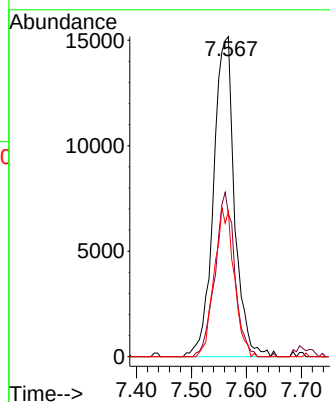
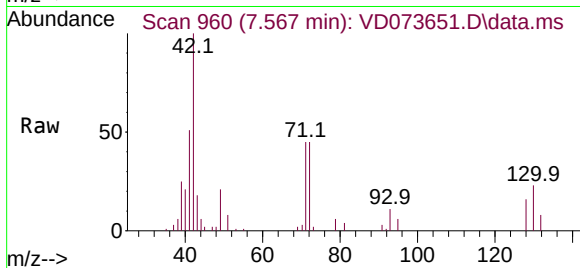
Tgt Ion: 42 Resp: 40482

Ion Ratio Lower Upper

42 100

72 47.6 37.9 56.9

71 43.7 35.2 52.8



#30

Chloroform

Concen: 20.009 ug/l

RT: 7.702 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073651.D

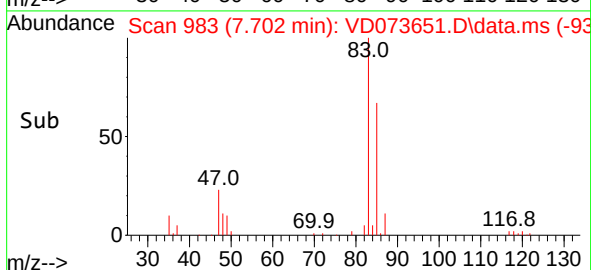
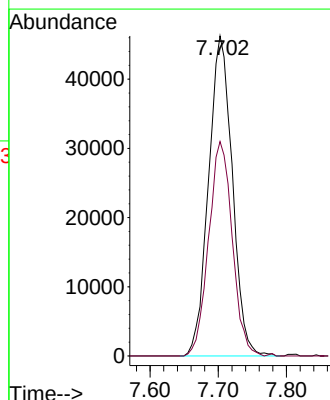
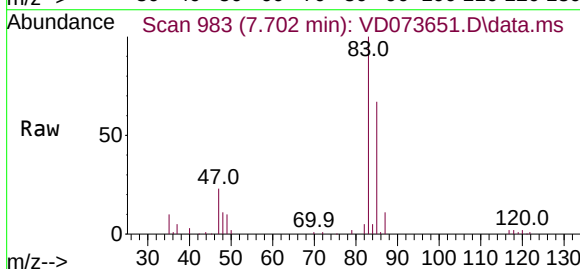
Acq: 22 Jun 2022 13:06

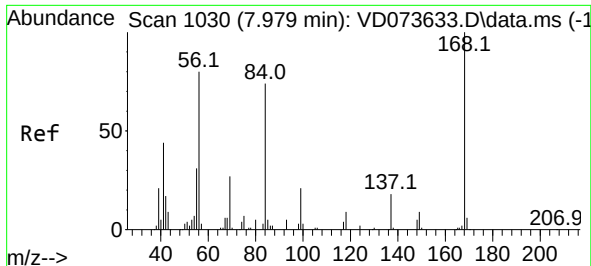
Tgt Ion: 83 Resp: 112128

Ion Ratio Lower Upper

83 100

85 67.0 51.8 77.8





#31

Cyclohexane

Concen: 20.227 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

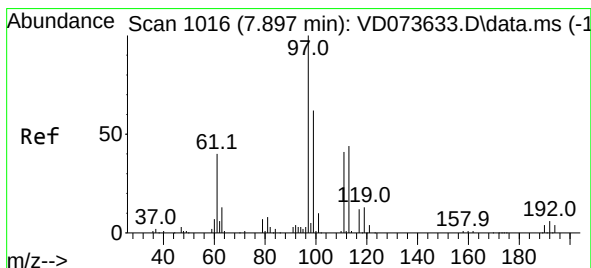
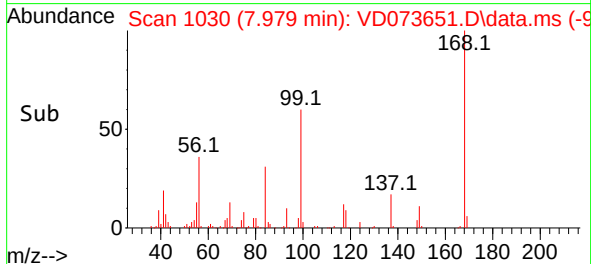
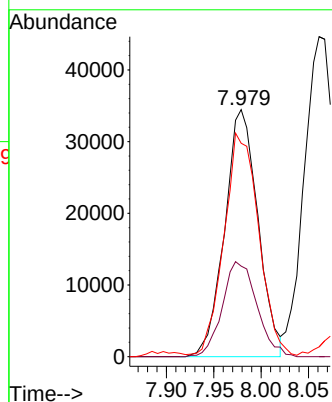
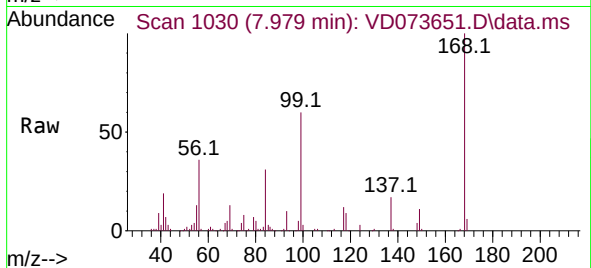
Tgt Ion: 56 Resp: 84129

Ion Ratio Lower Upper

56 100

69 36.7 26.9 40.3

84 85.0 73.8 110.8



#32

1,1,1-Trichloroethane

Concen: 20.615 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

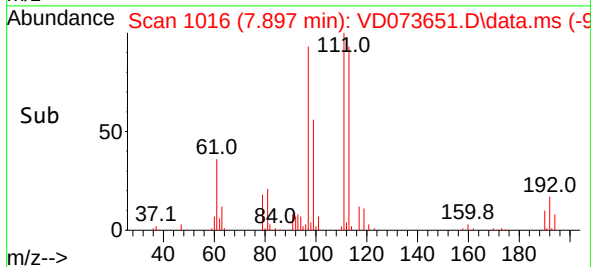
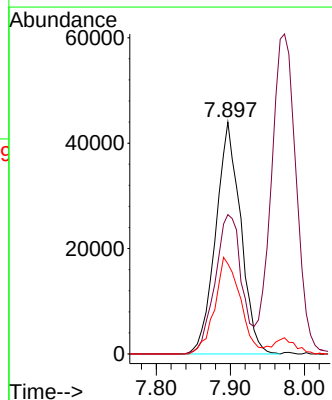
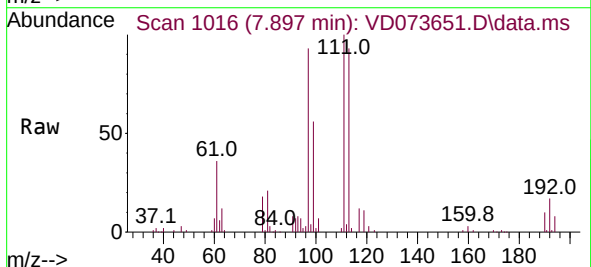
Tgt Ion: 97 Resp: 102798

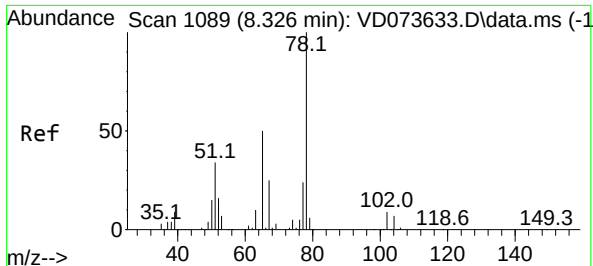
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 42.5 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 47.253 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

Instrument :

MSVOA_D

ClientSampleId :

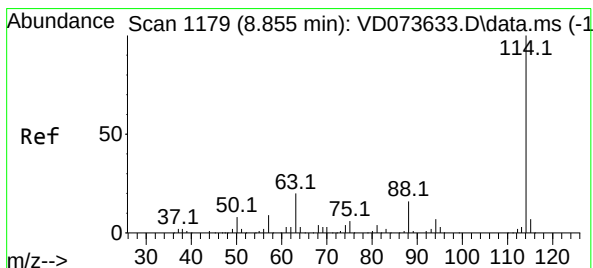
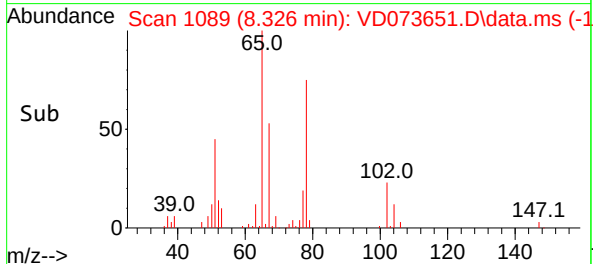
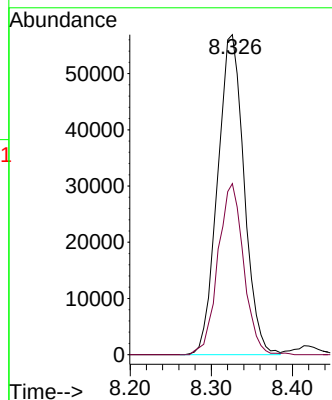
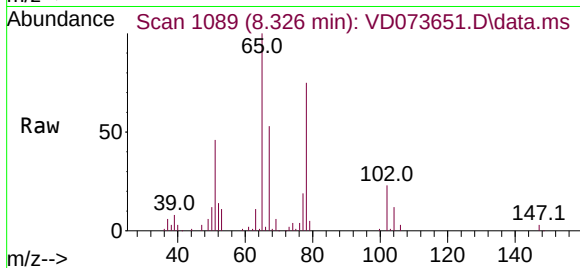
VD0622SBS01

Tgt Ion: 65 Resp: 129176

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

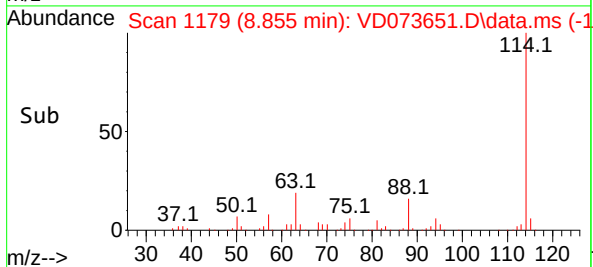
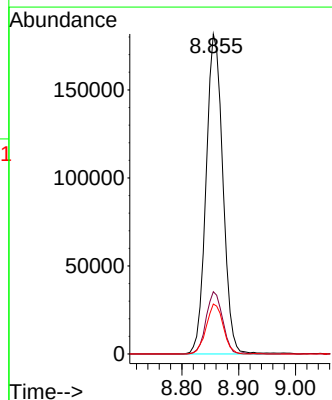
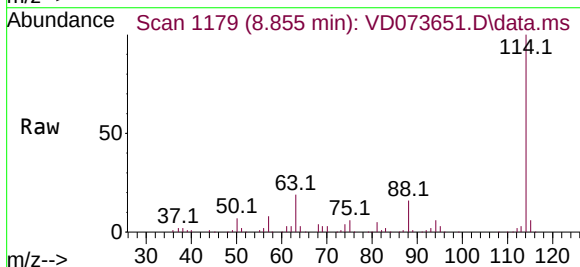
Tgt Ion: 114 Resp: 371468

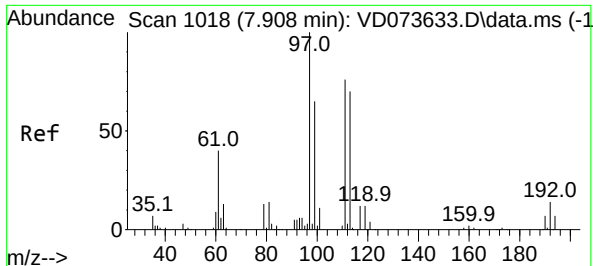
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.4

88 15.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.130 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

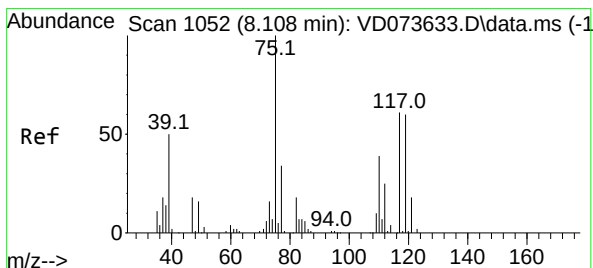
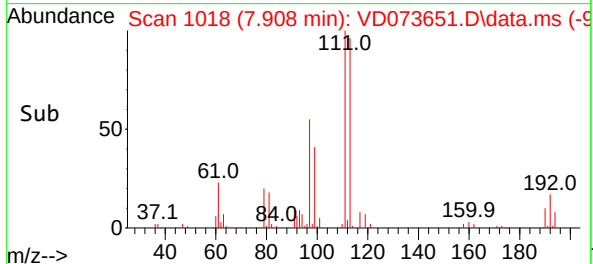
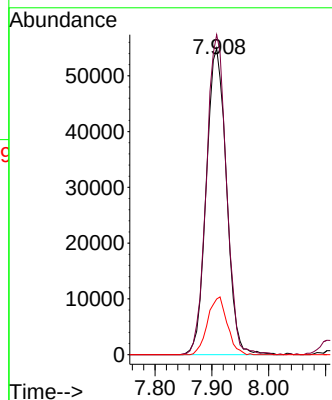
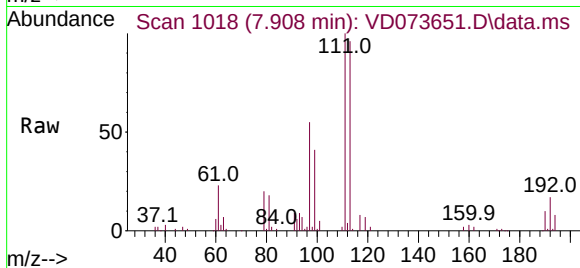
Tgt Ion:113 Resp: 135089

Ion Ratio Lower Upper

113 100

111 103.6 81.1 121.7

192 18.4 14.3 21.5



#36

1,1-Dichloropropene

Concen: 21.180 ug/l

RT: 8.102 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

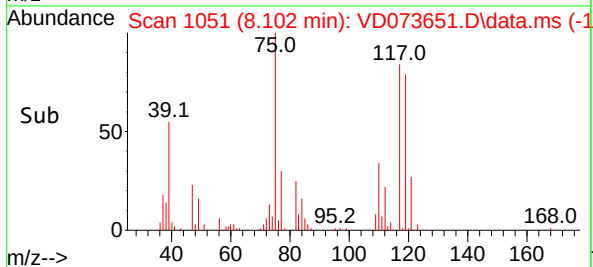
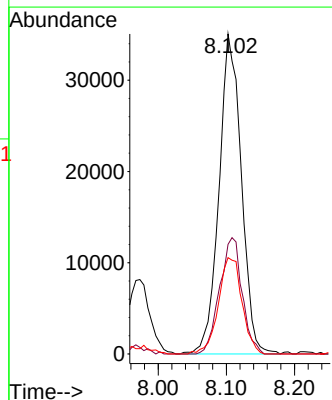
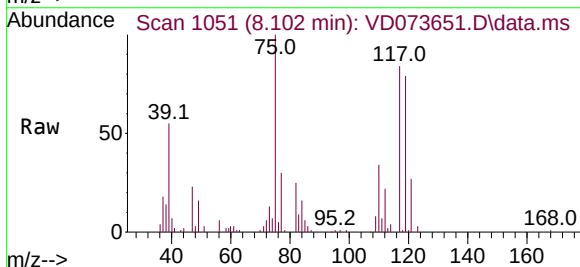
Tgt Ion: 75 Resp: 79945

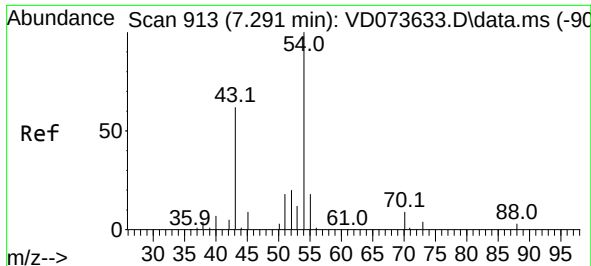
Ion Ratio Lower Upper

75 100

110 36.6 18.4 55.4

77 31.8 25.7 38.5





#37

Ethyl Acetate

Concen: 21.809 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

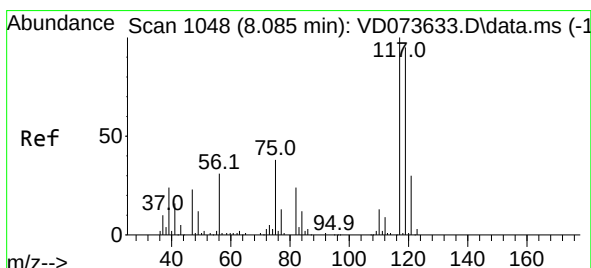
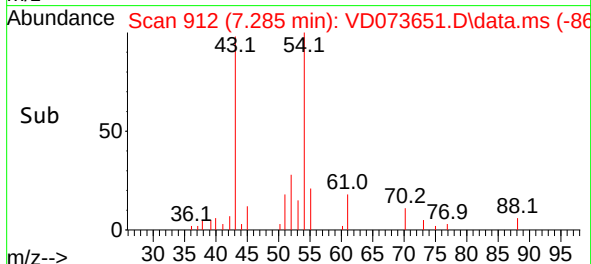
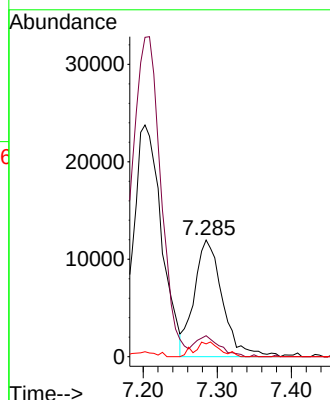
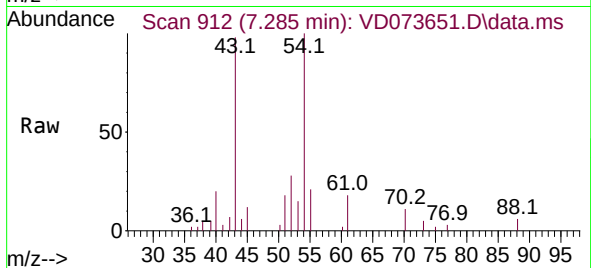
Tgt Ion: 43 Resp: 31674

Ion Ratio Lower Upper

43 100

61 15.2 10.5 15.7

70 11.2 8.9 13.3



#38

Carbon Tetrachloride

Concen: 21.854 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

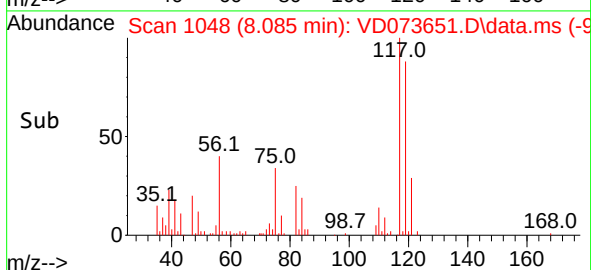
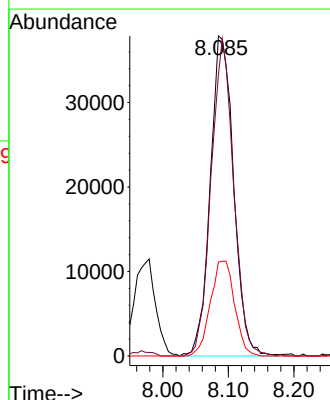
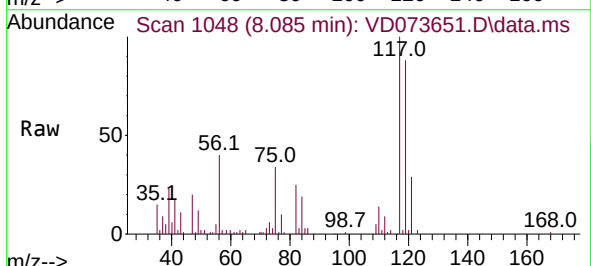
Tgt Ion: 117 Resp: 93688

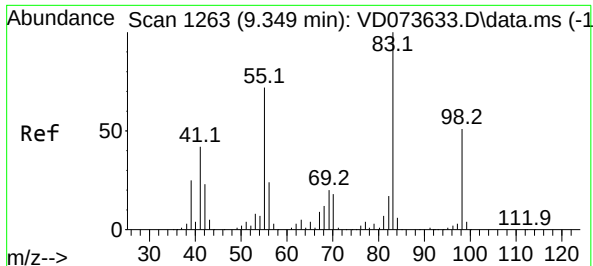
Ion Ratio Lower Upper

117 100

119 87.9 75.6 113.4

121 29.4 24.2 36.4





#39

Methylcyclohexane

Concen: 20.439 ug/l

RT: 9.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

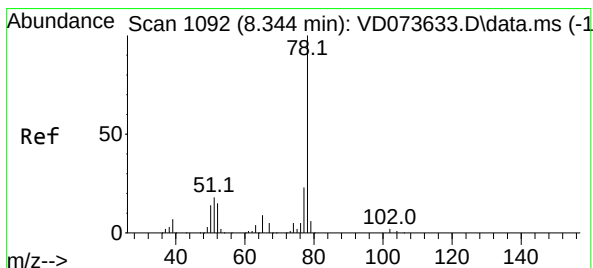
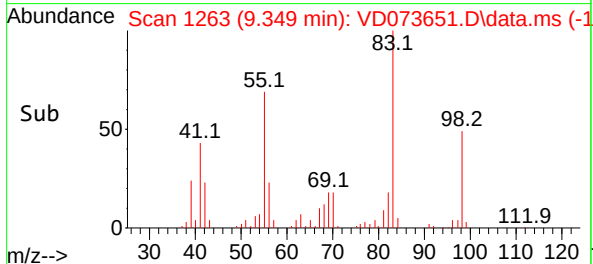
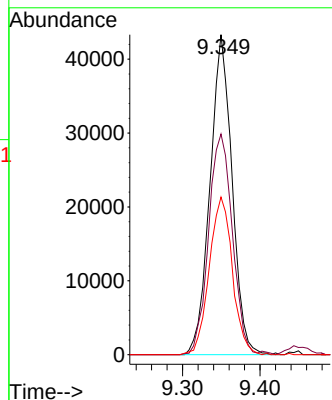
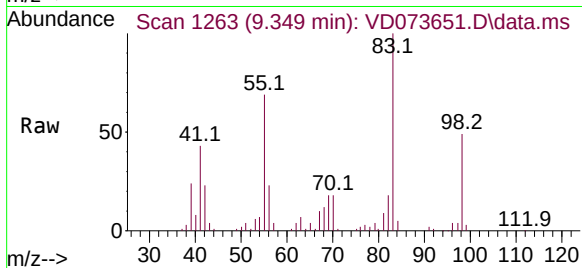
Tgt Ion: 83 Resp: 85485

Ion Ratio Lower Upper

83 100

55 68.9 57.4 86.2

98 49.3 40.6 60.8



#40

Benzene

Concen: 20.855 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073651.D

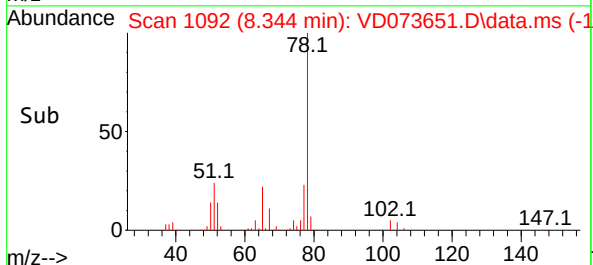
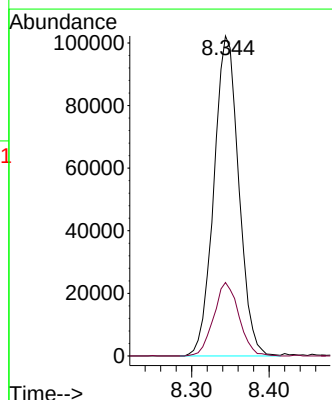
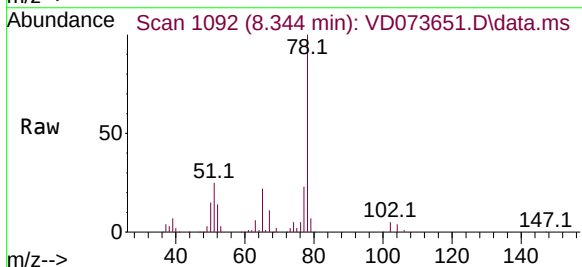
Acq: 22 Jun 2022 13:06

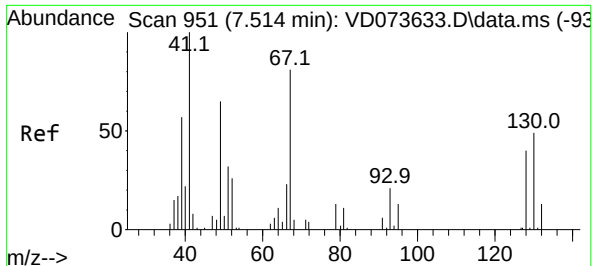
Tgt Ion: 78 Resp: 227705

Ion Ratio Lower Upper

78 100

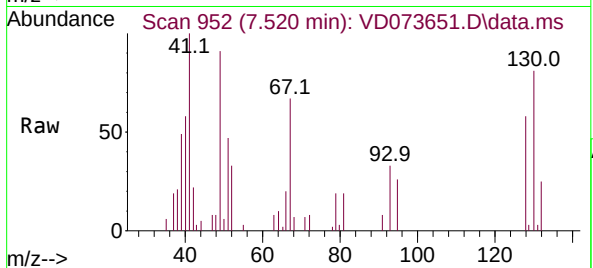
77 22.9 18.6 27.8



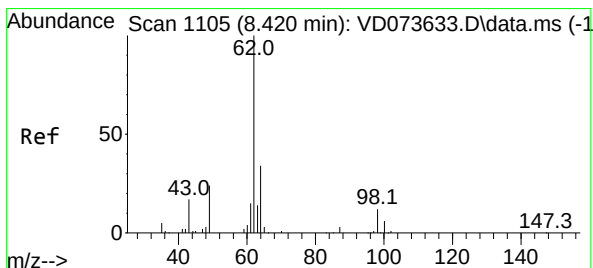
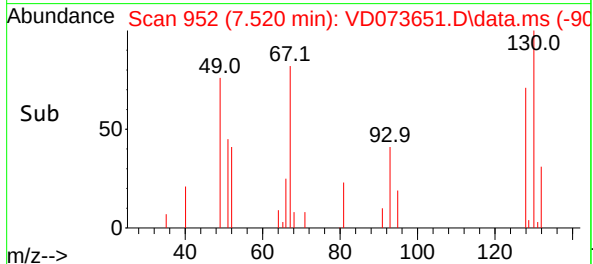
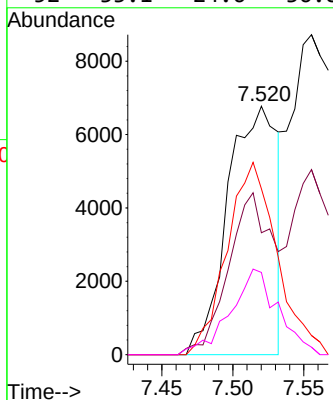


#41
Methacrylonitrile
Concen: 20.463 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

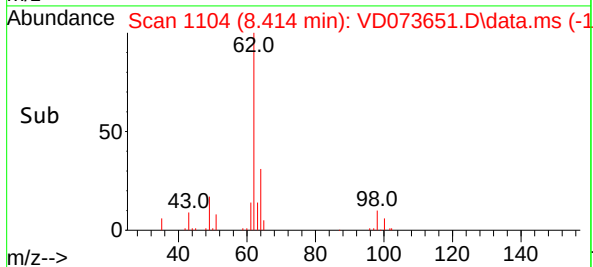
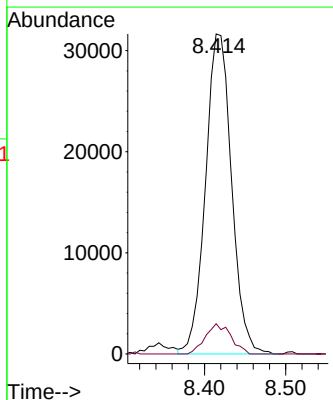
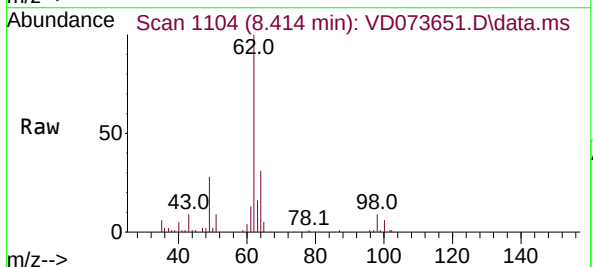


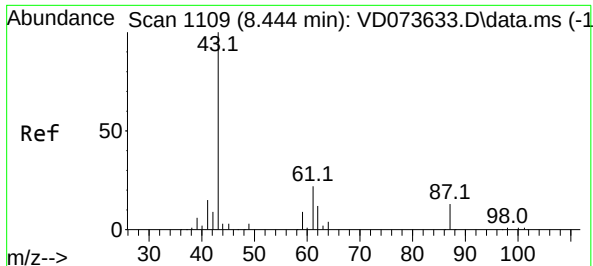
Tgt Ion:	41	Resp:	16451
Ion	Ratio	Lower	Upper
41	100		
39	57.3	43.0	64.6
67	78.1	60.8	91.2
52	33.1	24.6	36.8



#42
1,2-Dichloroethane
Concen: 21.673 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion:	62	Resp:	70687
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.6

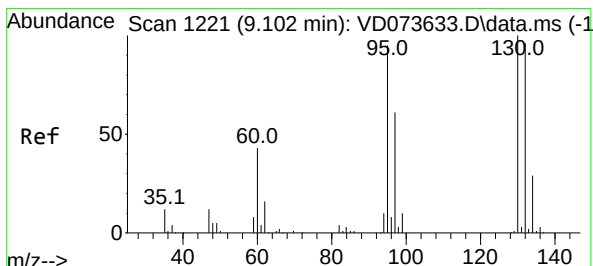
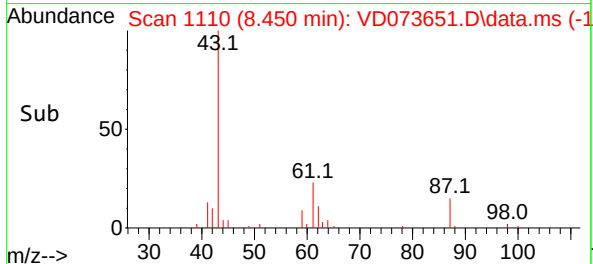
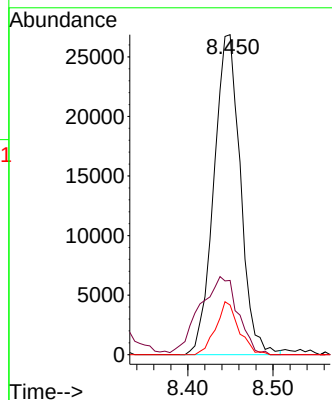
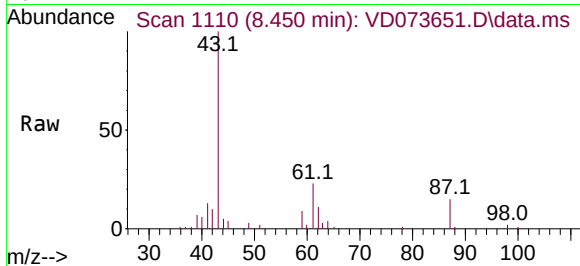




#43
Isopropyl Acetate
Concen: 21.218 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

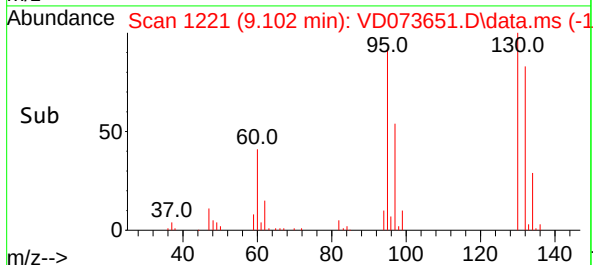
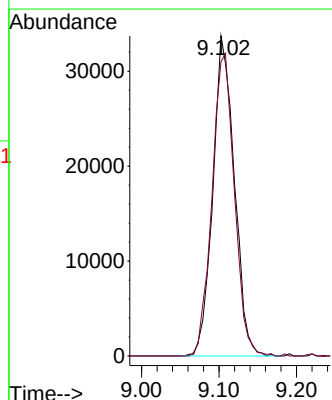
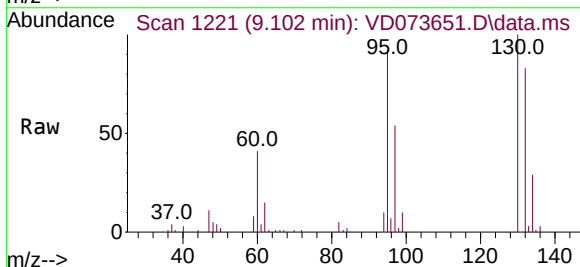
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

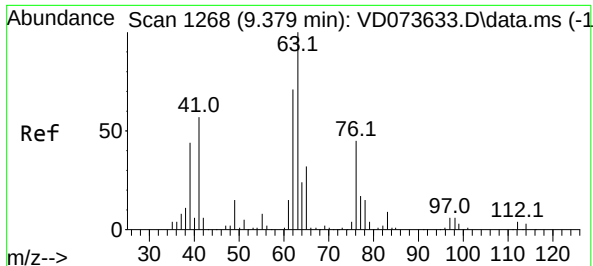
Tgt Ion: 43	Resp: 58011
Ion Ratio	Lower Upper
43	100
61	35.3 27.0 40.6
87	14.4 11.8 17.8



#44
Trichloroethene
Concen: 20.872 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion: 130	Resp: 64908
Ion Ratio	Lower Upper
130	100
95	92.0 0.0 190.0





#45

1,2-Dichloropropane

Concen: 20.978 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

Instrument :

MSVOA_D

ClientSampleId :

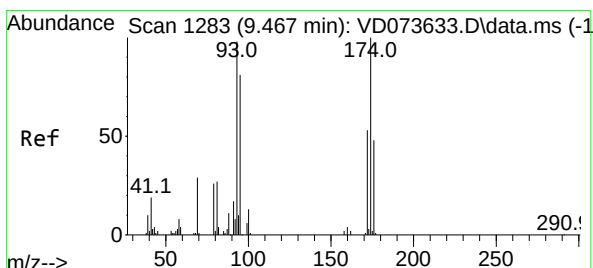
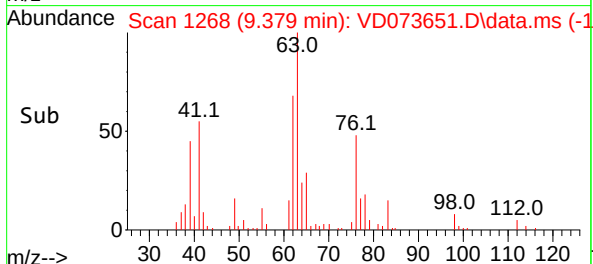
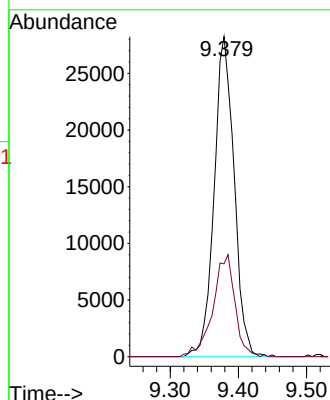
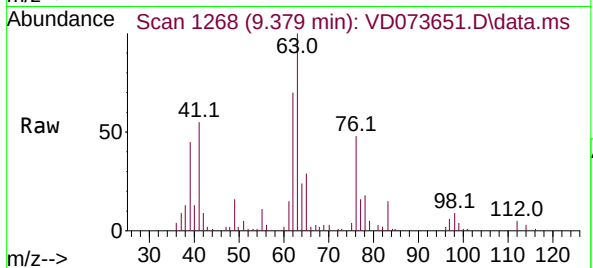
VD0622SBS01

Tgt Ion: 63 Resp: 57561

Ion Ratio Lower Upper

63 100

65 29.0 25.3 37.9



#46

Dibromomethane

Concen: 21.164 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

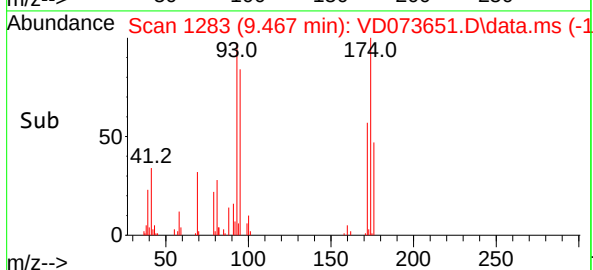
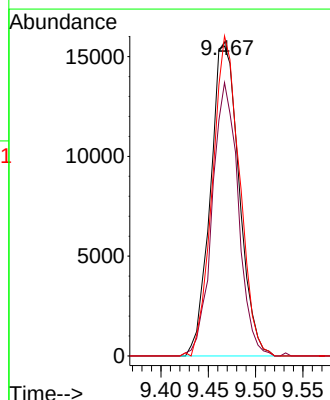
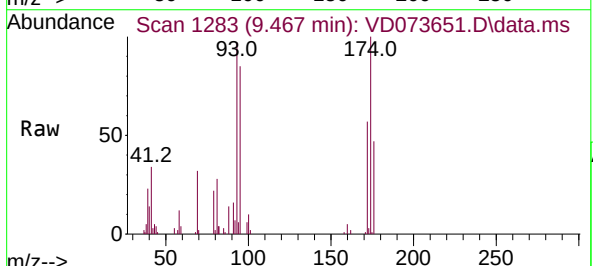
Tgt Ion: 93 Resp: 32976

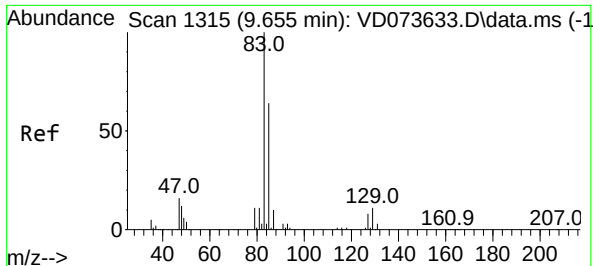
Ion Ratio Lower Upper

93 100

95 79.6 66.3 99.5

174 97.0 81.1 121.7

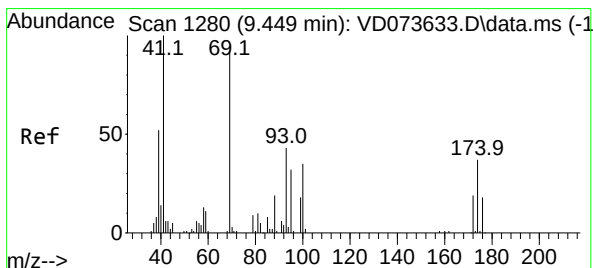
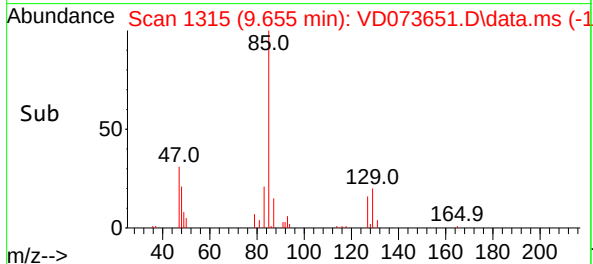
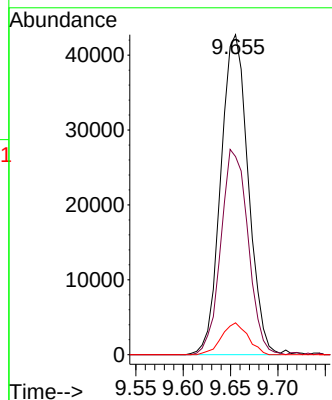
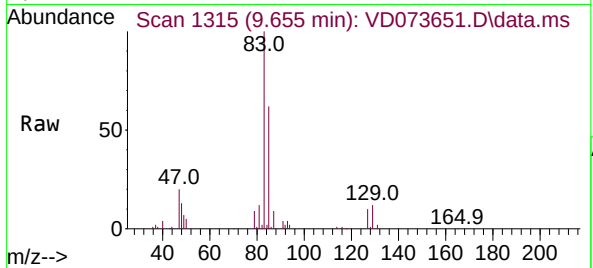




#47
Bromodichloromethane
Concen: 21.218 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

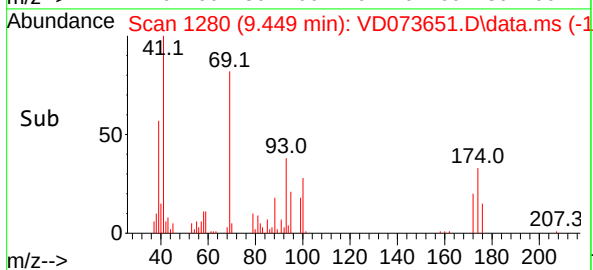
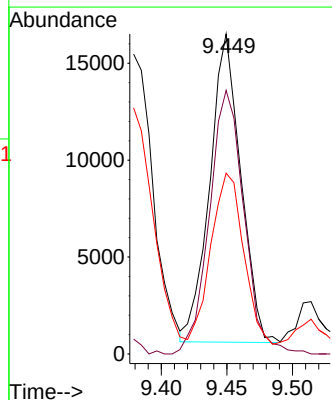
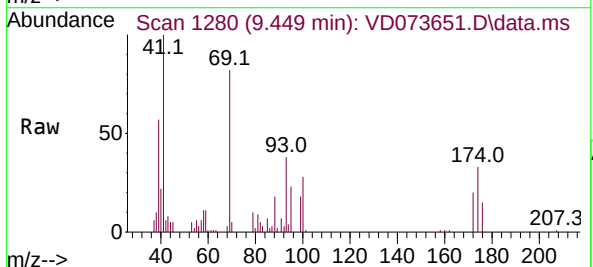
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

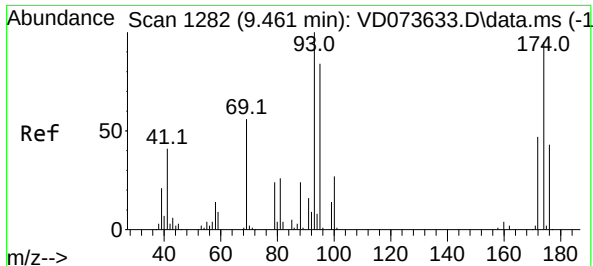
Tgt Ion: 83 Resp: 86036
Ion Ratio Lower Upper
83 100
85 61.9 51.4 77.2
127 9.9 6.4 9.6#



#48
Methyl methacrylate
Concen: 18.877 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion: 41 Resp: 26124
Ion Ratio Lower Upper
41 100
69 95.6 67.6 101.4
39 65.7 45.4 68.0





#49

1,4-Dioxane

Concen: 425.166 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

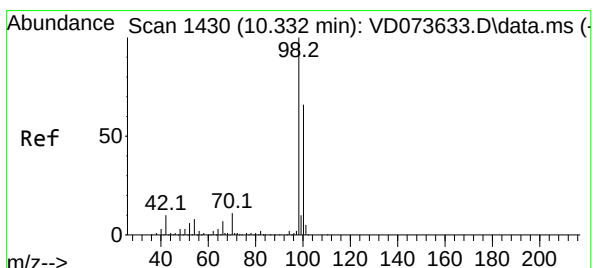
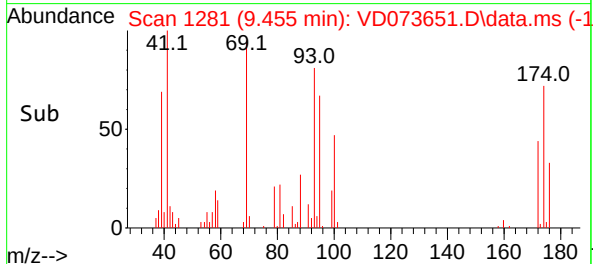
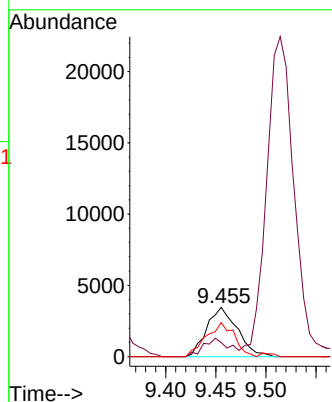
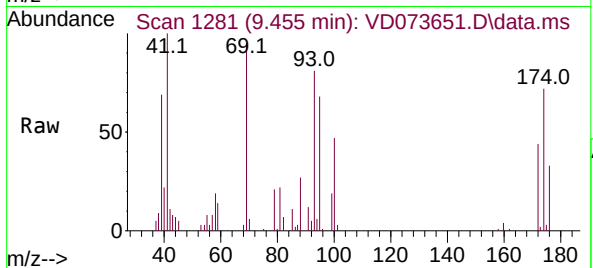
Tgt Ion: 88 Resp: 7341

Ion Ratio Lower Upper

88 100

43 31.2 29.8 44.8

58 63.5 56.9 85.3



#50

Toluene-d8

Concen: 49.495 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073651.D

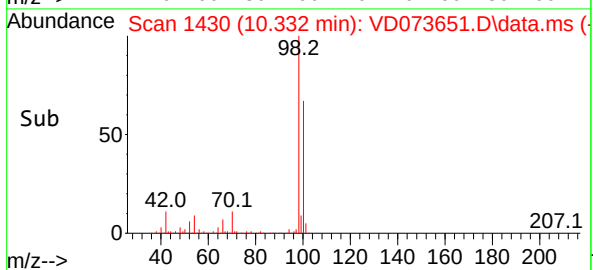
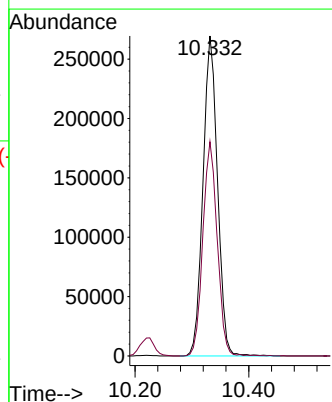
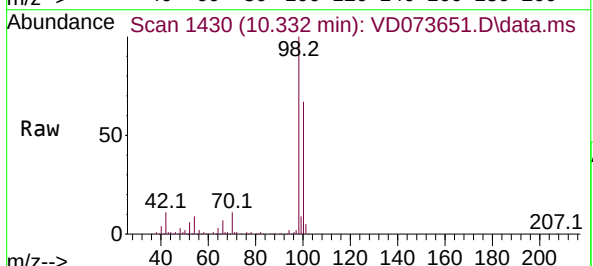
Acq: 22 Jun 2022 13:06

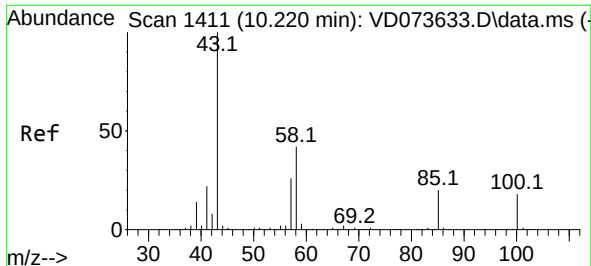
Tgt Ion: 98 Resp: 477392

Ion Ratio Lower Upper

98 100

100 66.5 51.4 77.2

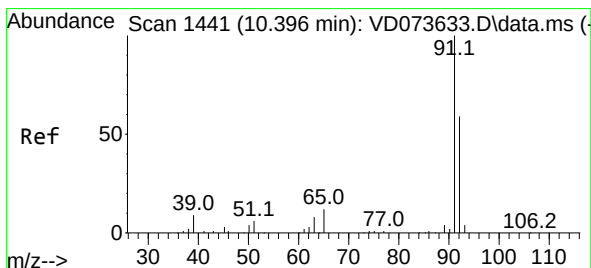
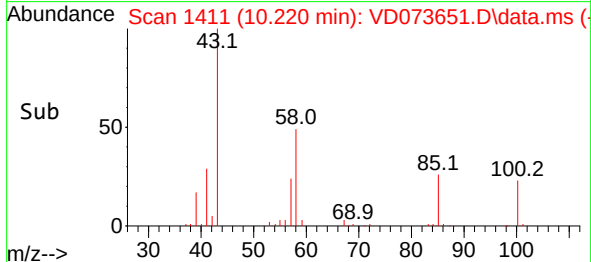
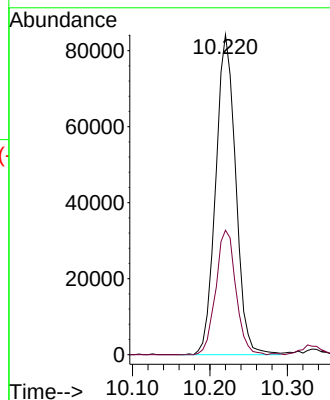
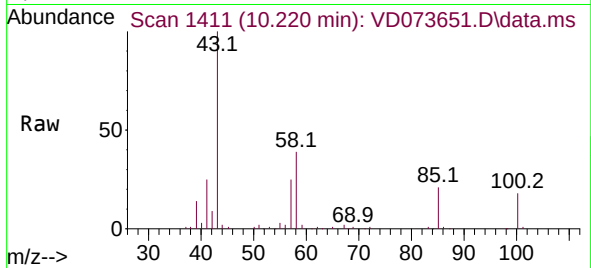




#51
4-Methyl-2-Pentanone
Concen: 107.418 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

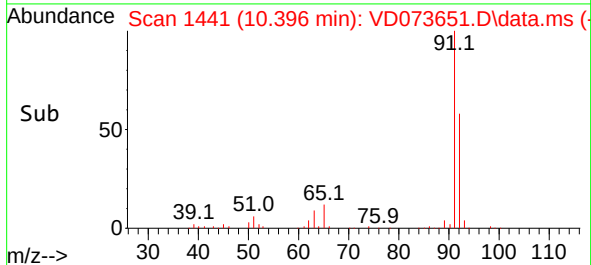
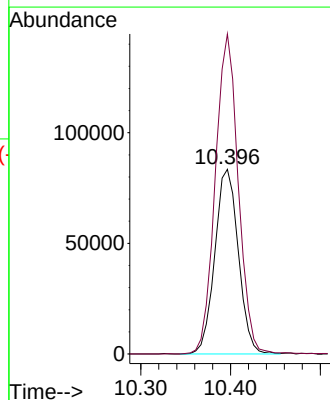
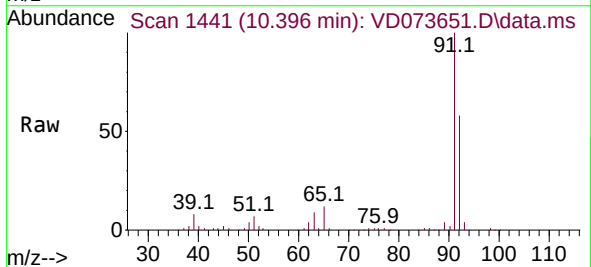
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

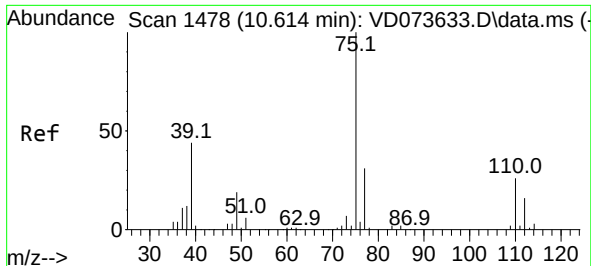
Tgt Ion: 43 Resp: 150782
Ion Ratio Lower Upper
43 100
58 39.1 32.4 48.6



#52
Toluene
Concen: 21.292 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion: 92 Resp: 151953
Ion Ratio Lower Upper
92 100
91 169.6 136.1 204.1

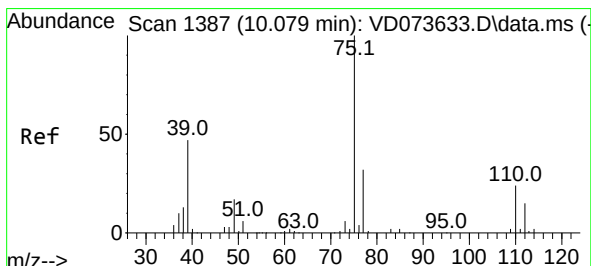
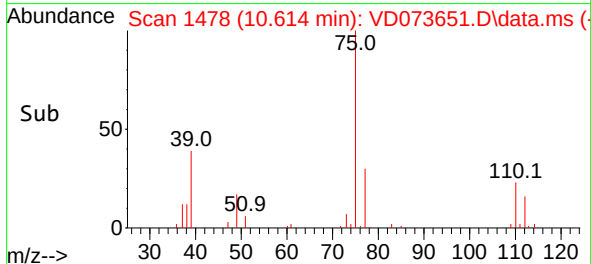
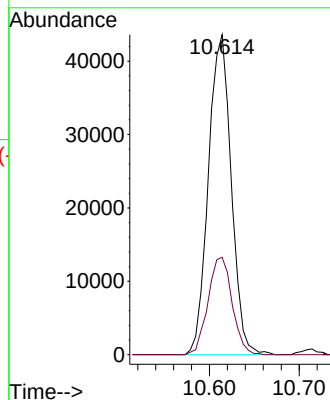
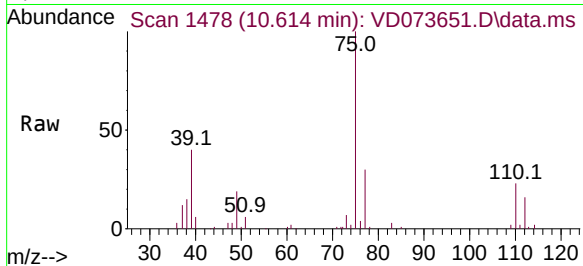




#53
t-1,3-Dichloropropene
Concen: 20.792 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

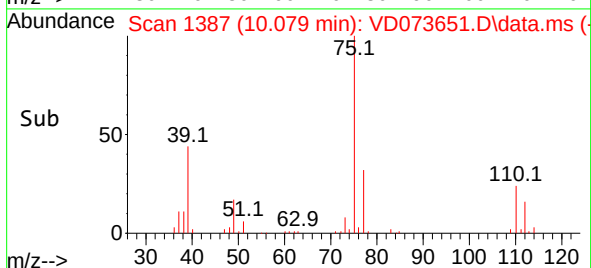
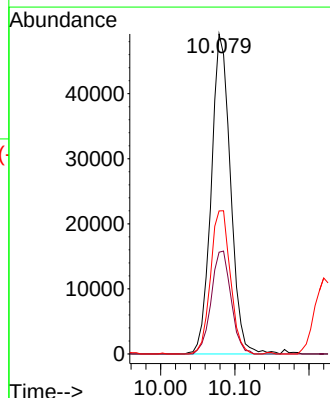
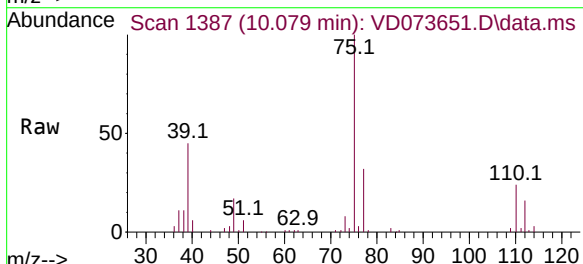
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

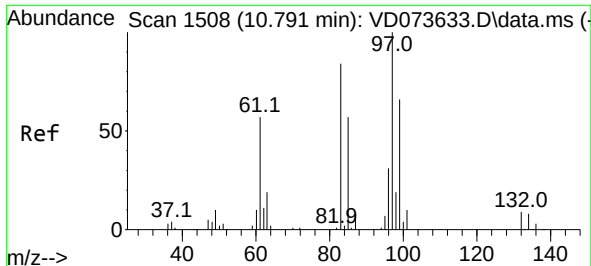
Tgt Ion: 75 Resp: 77205
Ion Ratio Lower Upper
75 100
77 30.5 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 20.465 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion: 75 Resp: 88849
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.8
39 44.7 37.9 56.9

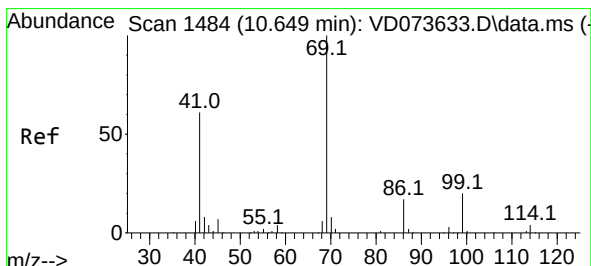
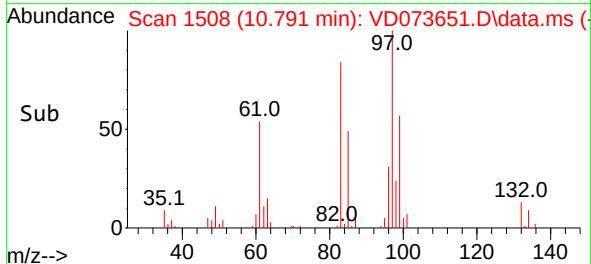
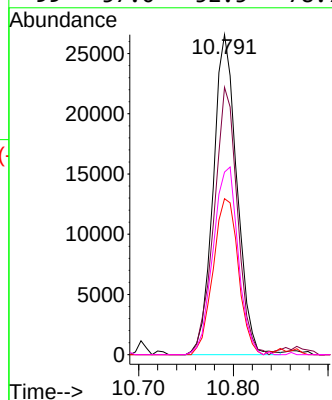
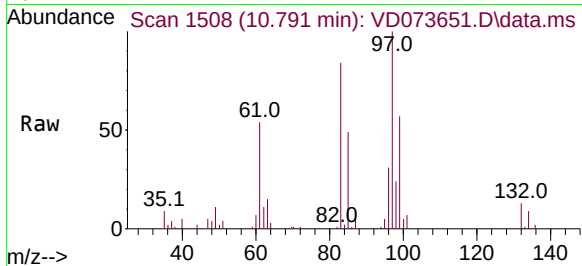




#55
1,1,2-Trichloroethane
Concen: 21.027 ug/l
RT: 10.791 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

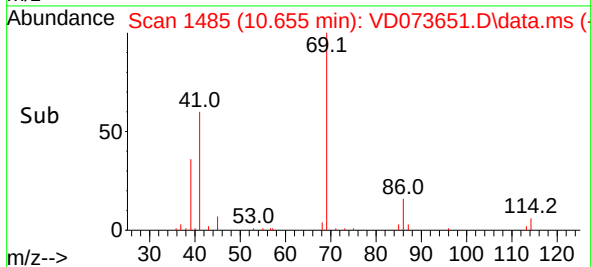
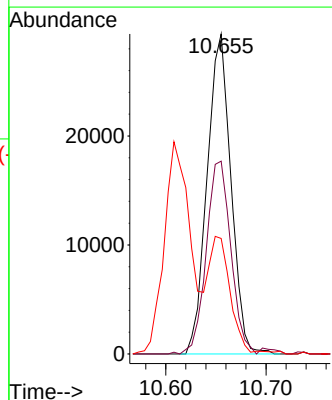
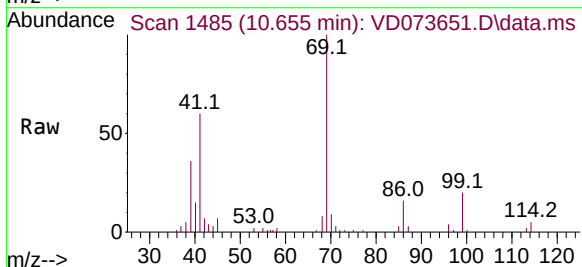
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

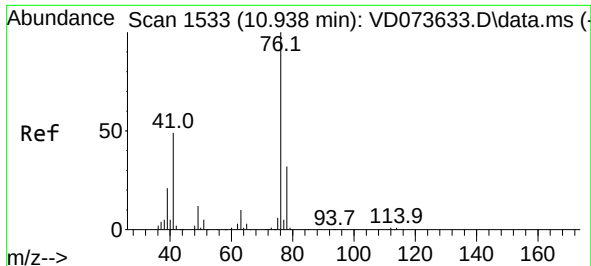
Tgt Ion: 97	Resp: 46265
Ion Ratio	Lower Upper
97 100	
83 83.5	66.8 100.2
85 48.7	45.2 67.8
99 57.0	52.5 78.7



#56
Ethyl methacrylate
Concen: 19.997 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion: 69	Resp: 48553
Ion Ratio	Lower Upper
69 100	
41 62.0	50.8 76.2
39 33.1	26.2 39.4





#57

1,3-Dichloropropane

Concen: 20.300 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

Instrument :

MSVOA_D

ClientSampleId :

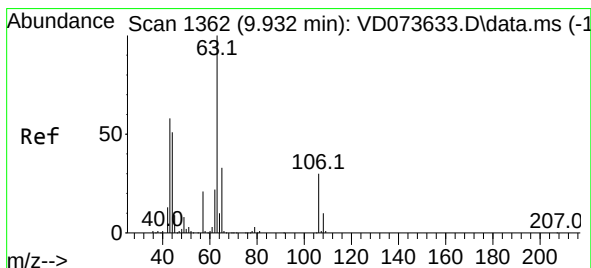
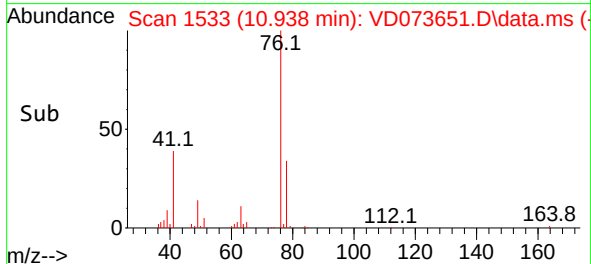
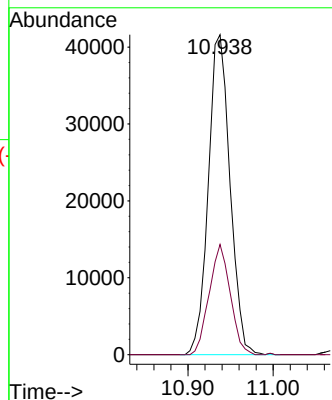
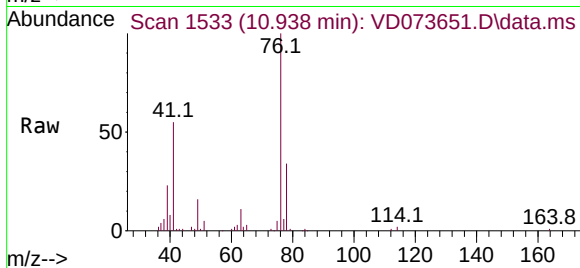
VD0622SBS01

Tgt Ion: 76 Resp: 73563

Ion Ratio Lower Upper

76 100

78 33.5 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 100.877 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073651.D

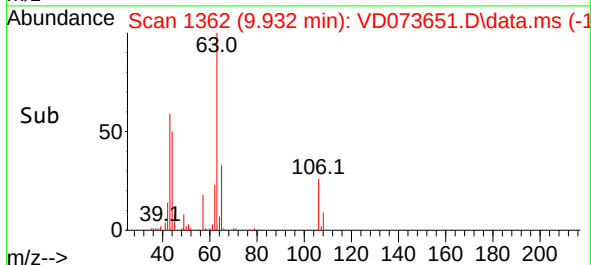
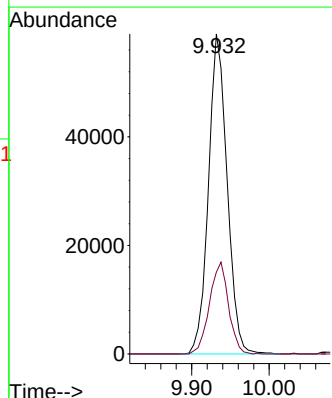
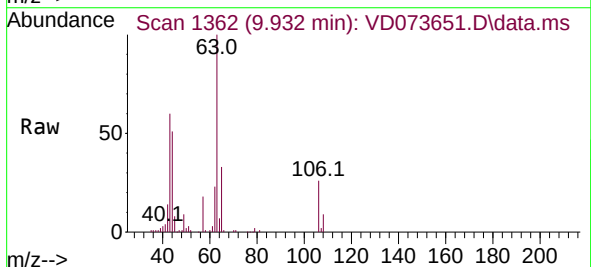
Acq: 22 Jun 2022 13:06

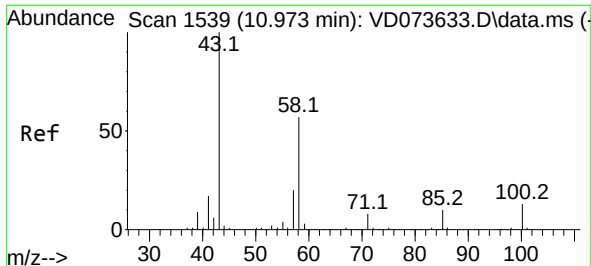
Tgt Ion: 63 Resp: 98501

Ion Ratio Lower Upper

63 100

106 29.3 23.7 35.5

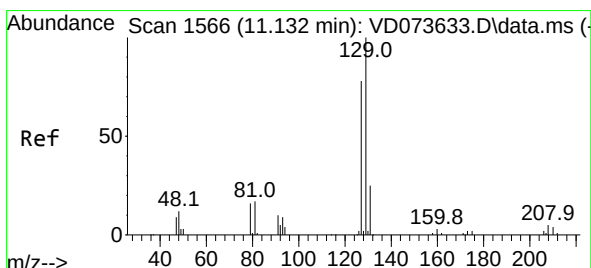
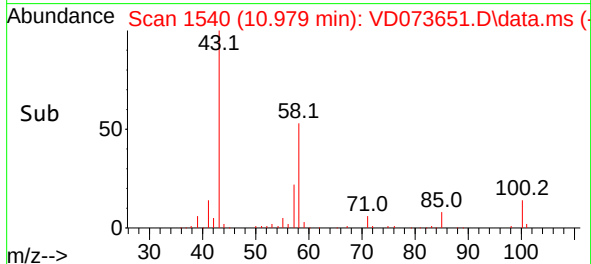
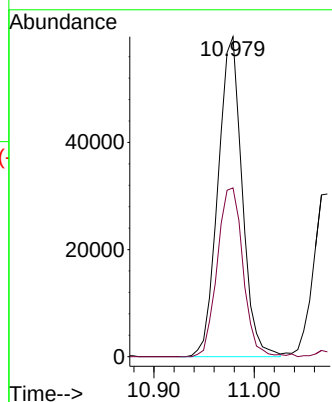
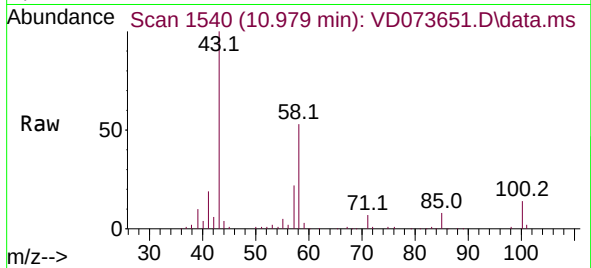




#59
2-Hexanone
Concen: 102.953 ug/l
RT: 10.979 min Scan# 1539
Delta R.T. 0.006 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

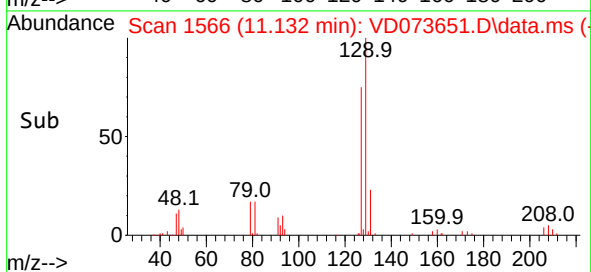
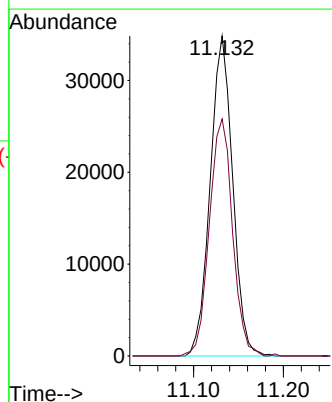
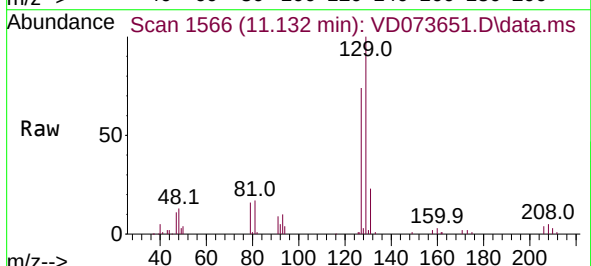
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

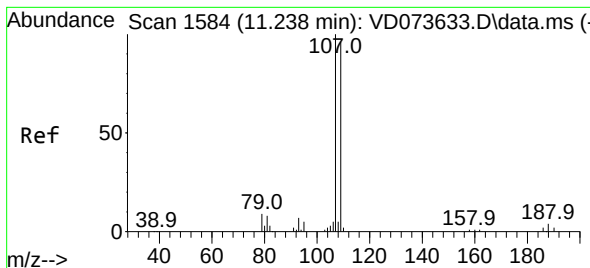
Tgt Ion: 43 Resp: 99658
Ion Ratio Lower Upper
43 100
58 56.4 28.1 84.2



#60
Dibromochloromethane
Concen: 21.131 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion:129 Resp: 60611
Ion Ratio Lower Upper
129 100
127 76.3 39.4 118.2

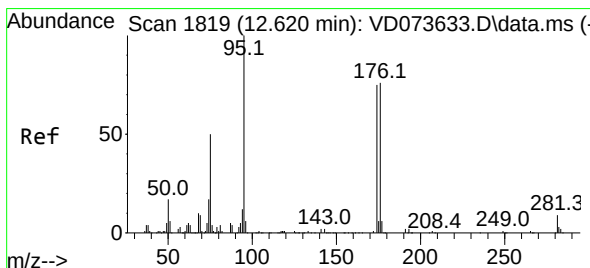
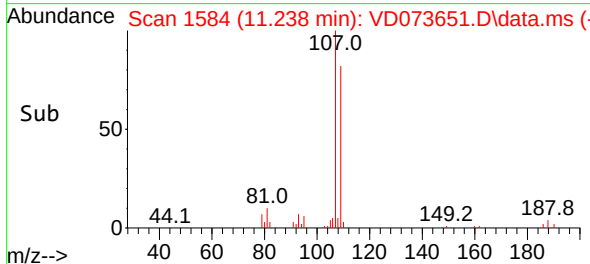
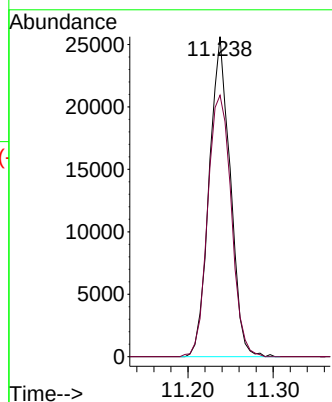
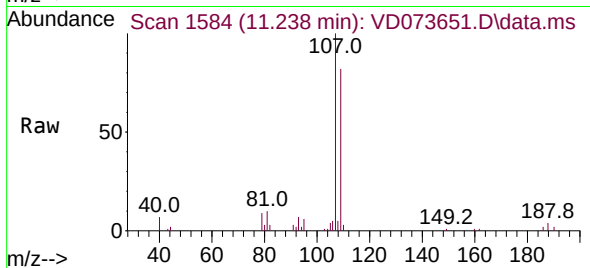




#61
1,2-Dibromoethane
Concen: 20.796 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

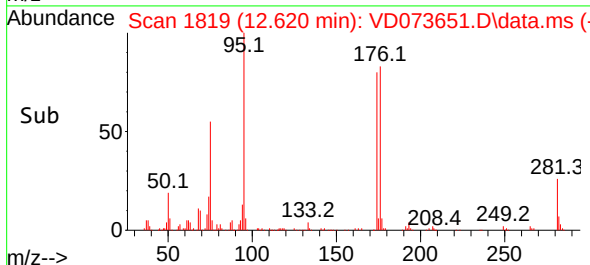
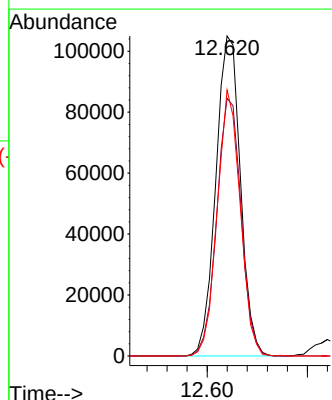
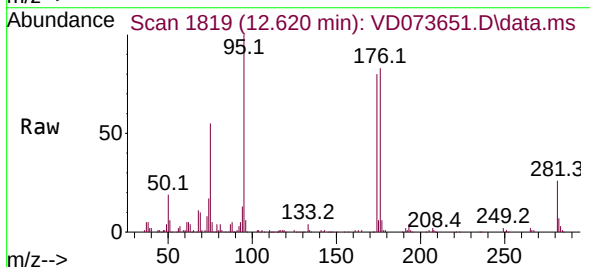
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

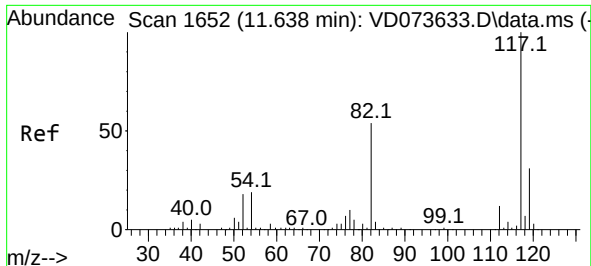
Tgt Ion:107 Resp: 43835
Ion Ratio Lower Upper
107 100
109 91.7 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 50.561 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion: 95 Resp: 178842
Ion Ratio Lower Upper
95 100
174 79.6 0.0 156.4
176 77.7 0.0 151.8

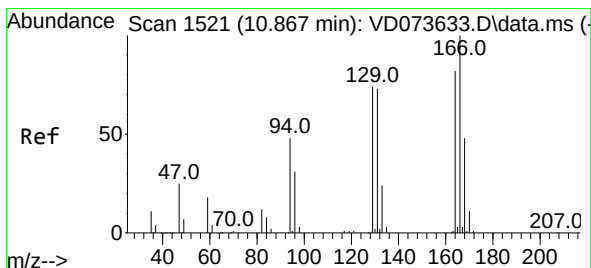
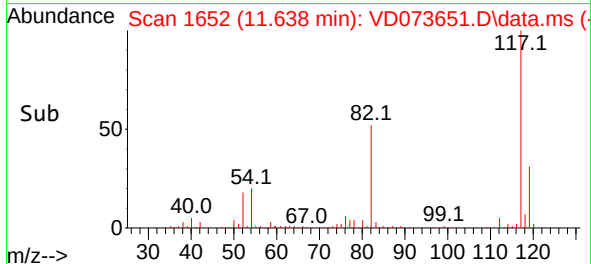
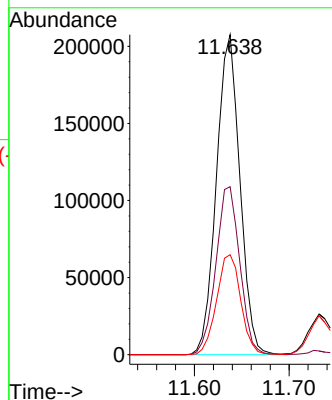
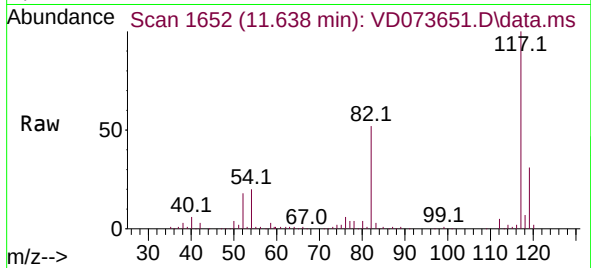




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

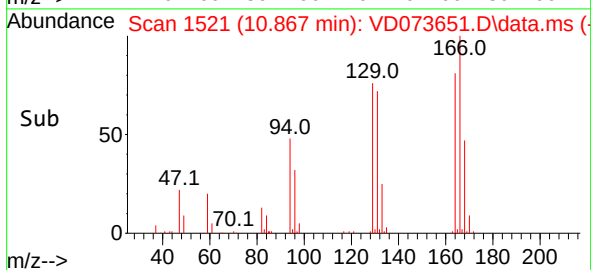
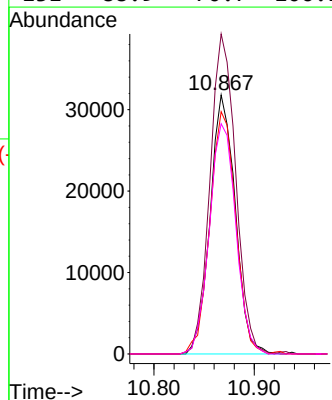
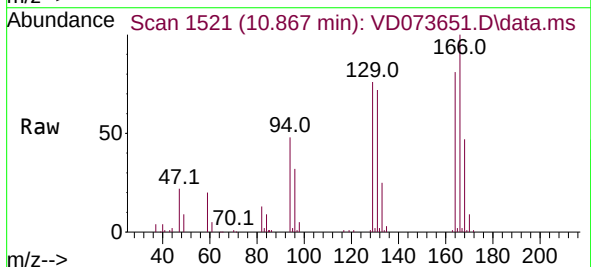
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

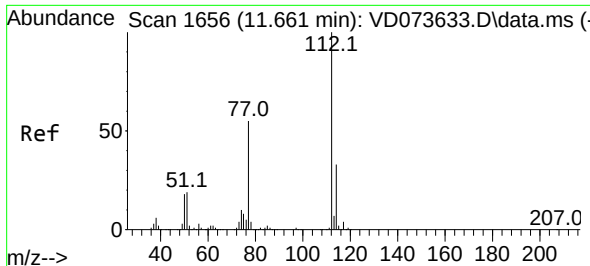
Tgt Ion:117 Resp: 357853
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 31.3 24.5 36.7



#64
Tetrachloroethene
Concen: 20.930 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion:164 Resp: 55445
Ion Ratio Lower Upper
164 100
166 123.6 97.1 145.7
129 93.5 72.1 108.1
131 88.9 70.7 106.1

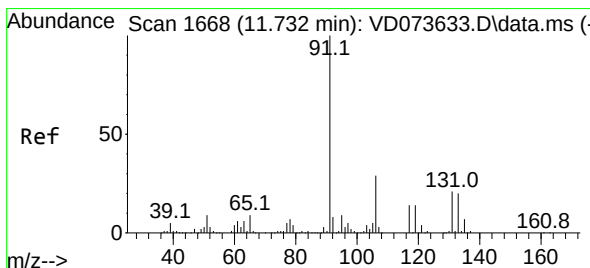
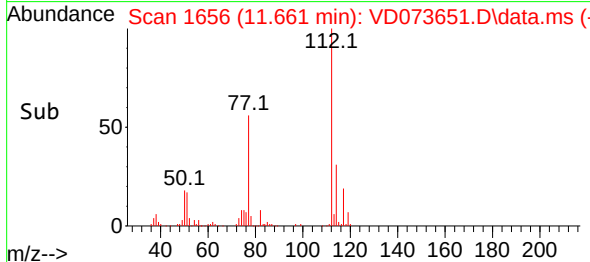
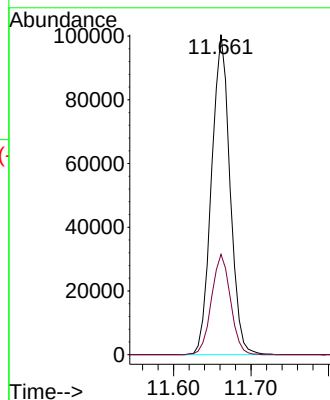
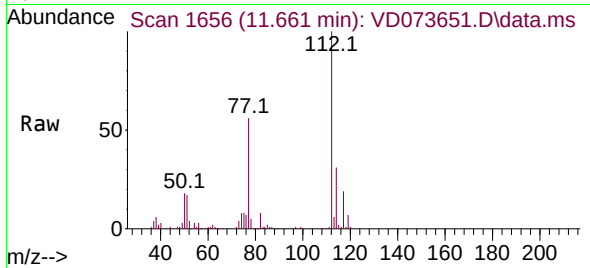




#65
Chlorobenzene
Concen: 20.795 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

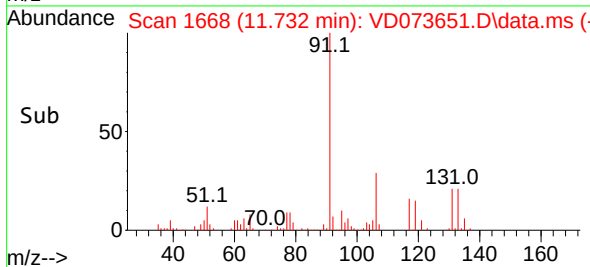
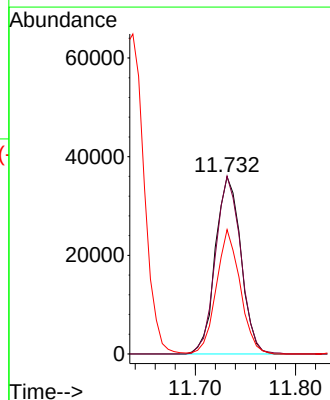
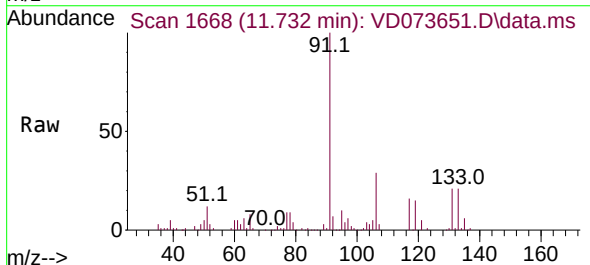
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

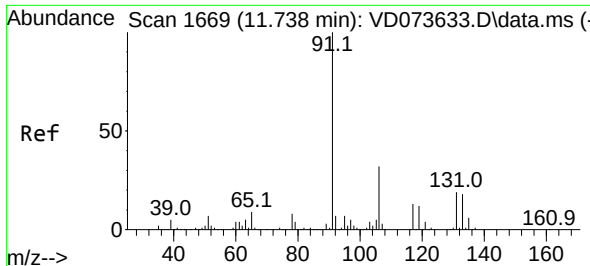
Tgt Ion:112 Resp: 166171
Ion Ratio Lower Upper
112 100
114 31.4 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.550 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion:131 Resp: 63639
Ion Ratio Lower Upper
131 100
133 99.2 47.1 141.3
119 65.5 32.6 97.7





#67

Ethyl Benzene

Concen: 21.004 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

Instrument :

MSVOA_D

ClientSampleId :

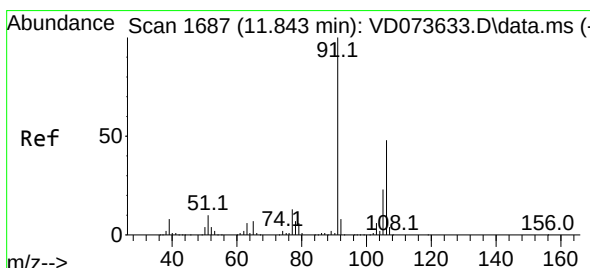
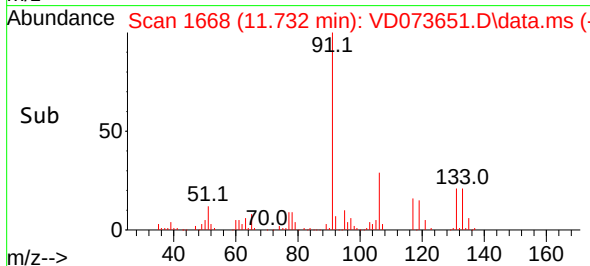
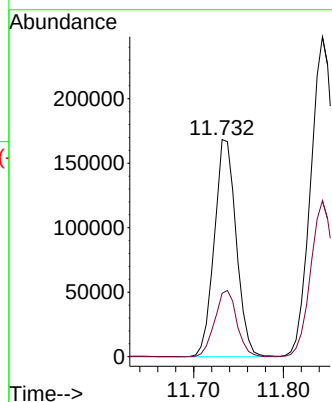
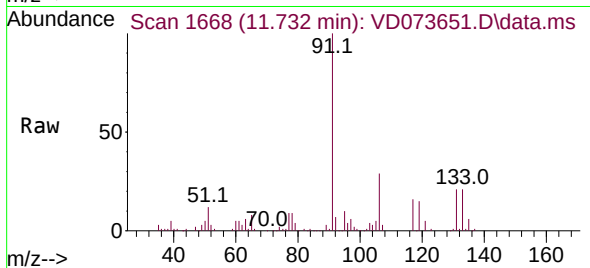
VD0622SBS01

Tgt Ion: 91 Resp: 285351

Ion Ratio Lower Upper

91 100

106 29.2 25.8 38.6



#68

m/p-Xylenes

Concen: 41.992 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD073651.D

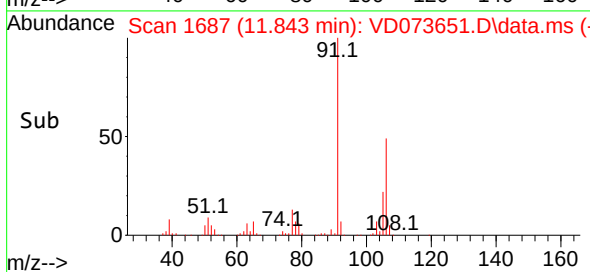
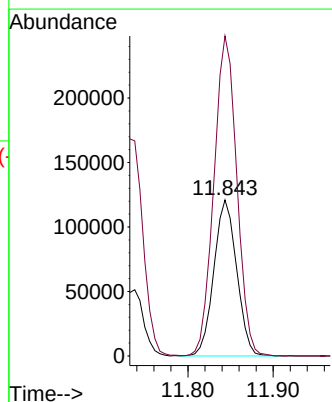
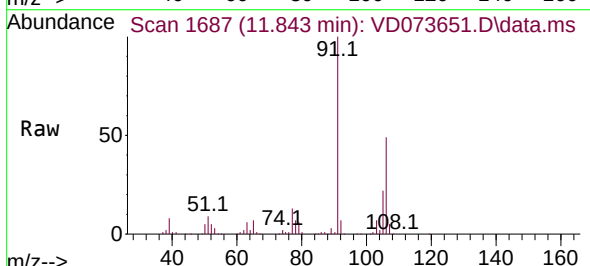
Acq: 22 Jun 2022 13:06

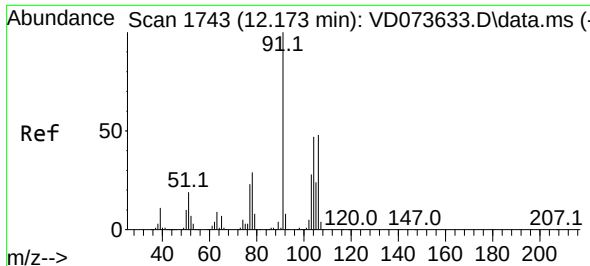
Tgt Ion:106 Resp: 224656

Ion Ratio Lower Upper

106 100

91 206.7 162.7 244.1

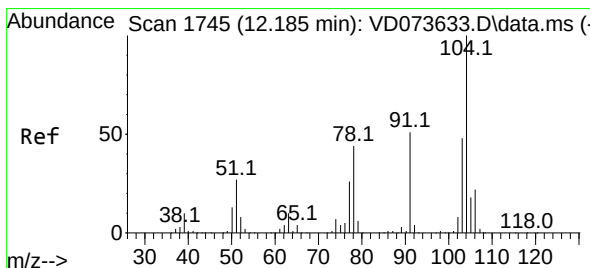
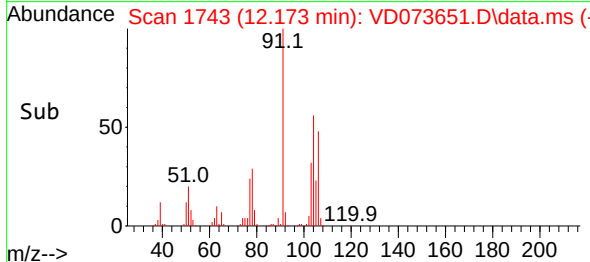
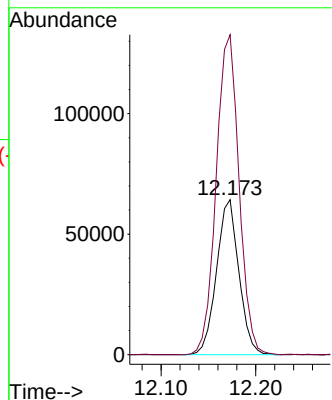
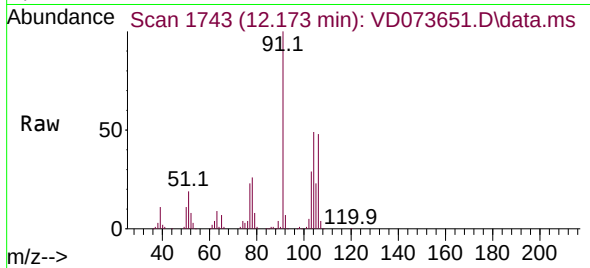




#69
o-Xylene
Concen: 21.151 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

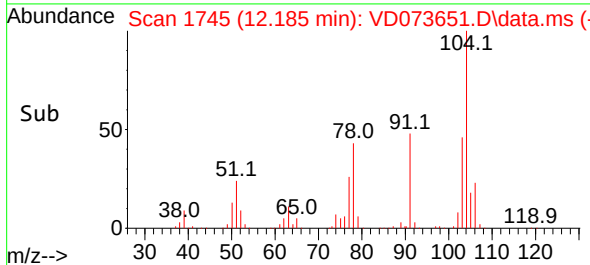
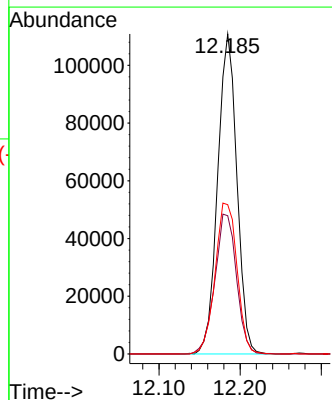
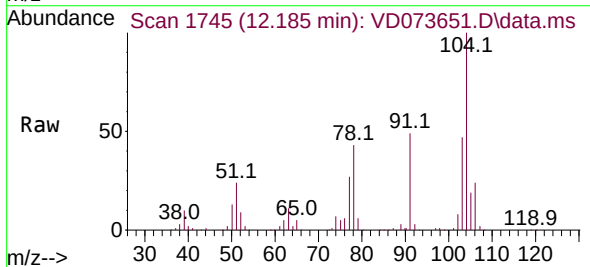
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

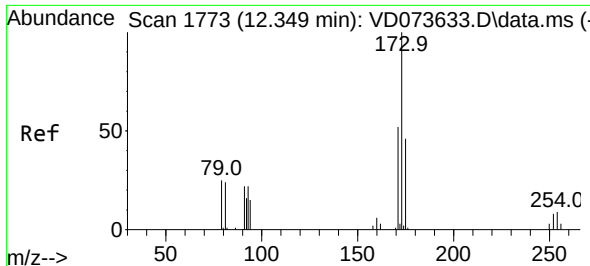
Tgt Ion:106 Resp: 105471
Ion Ratio Lower Upper
106 100
91 211.2 107.1 321.3



#70
Styrene
Concen: 21.350 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion:104 Resp: 182565
Ion Ratio Lower Upper
104 100
78 49.1 40.1 60.1
103 53.8 42.8 64.2

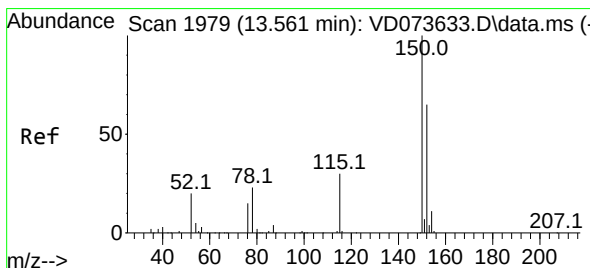
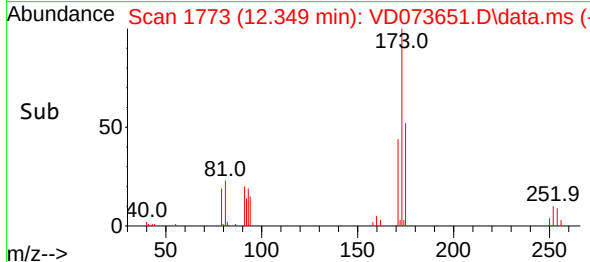
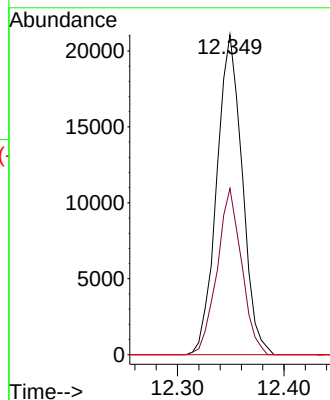
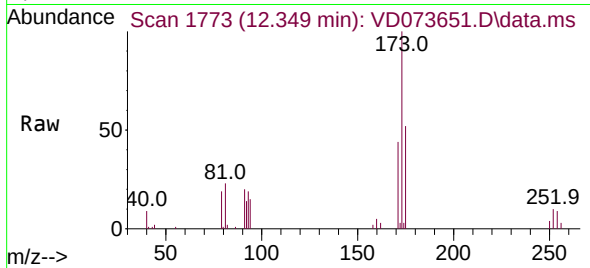




#71
Bromoform
Concen: 20.793 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

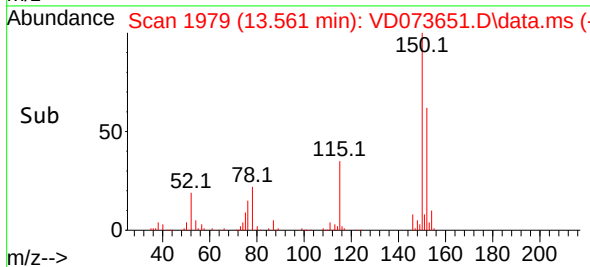
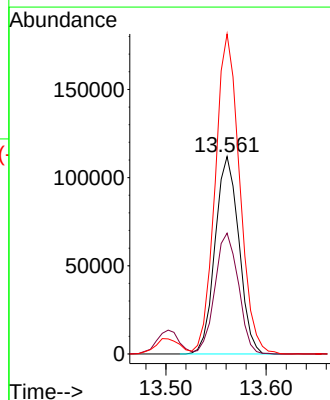
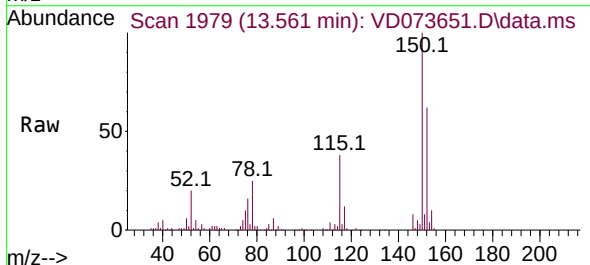
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

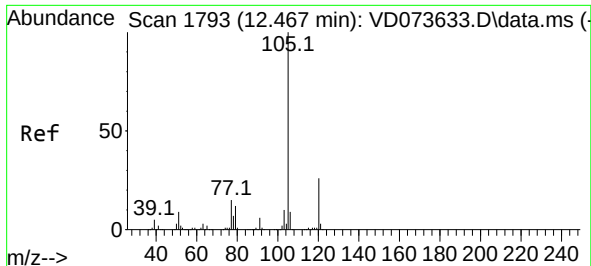
Tgt Ion:173 Resp: 35060
Ion Ratio Lower Upper
173 100
175 49.9 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion:152 Resp: 184106
Ion Ratio Lower Upper
152 100
115 60.6 29.6 88.9
150 166.9 0.0 351.2

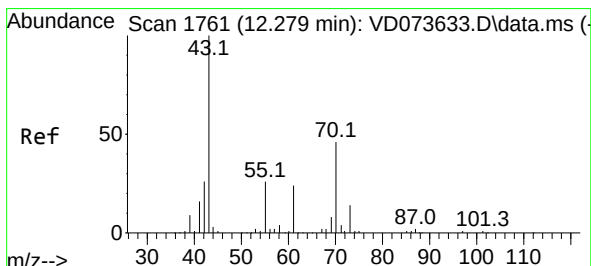
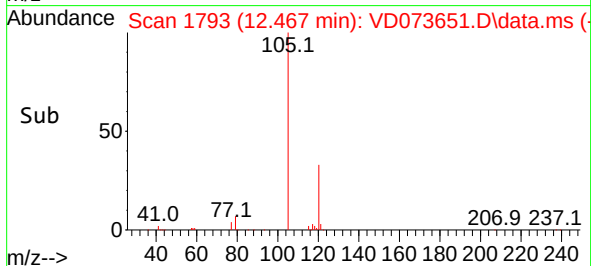
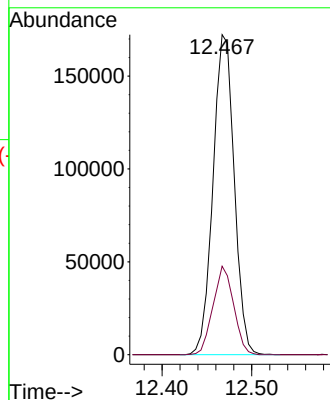
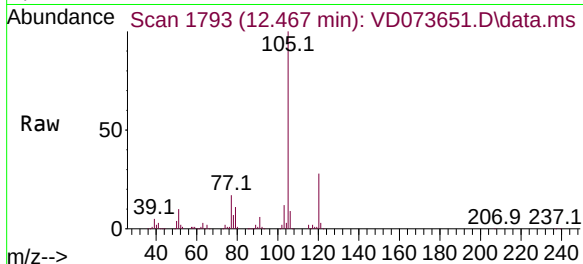




#73
Isopropylbenzene
Concen: 21.277 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

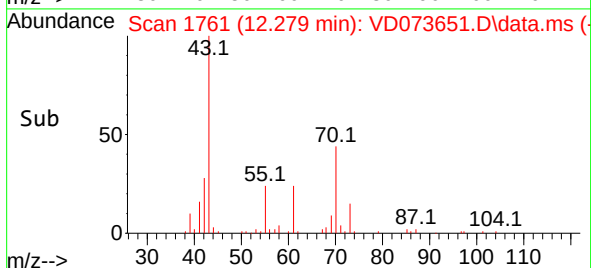
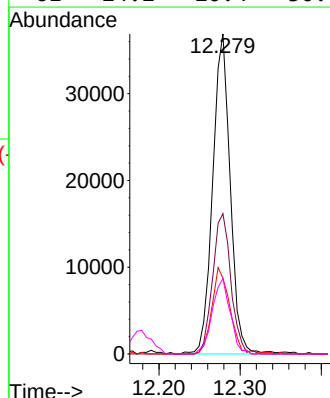
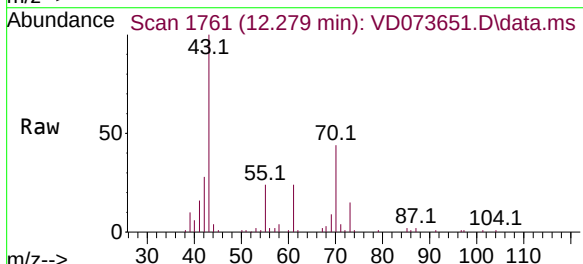
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

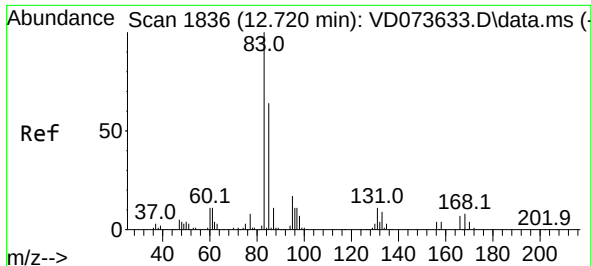
Tgt Ion:105 Resp: 282640
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1



#74
N-ethyl acetate
Concen: 20.612 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion: 43 Resp: 55341
Ion Ratio Lower Upper
43 100
70 45.5 35.8 53.8
55 27.3 21.1 31.7
61 24.2 20.4 30.6

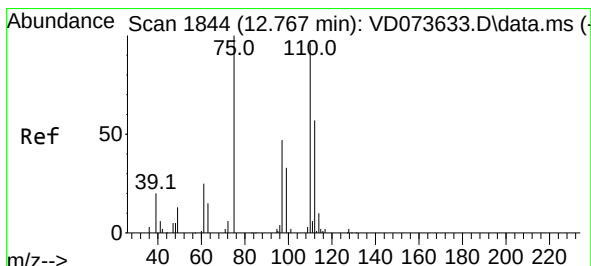
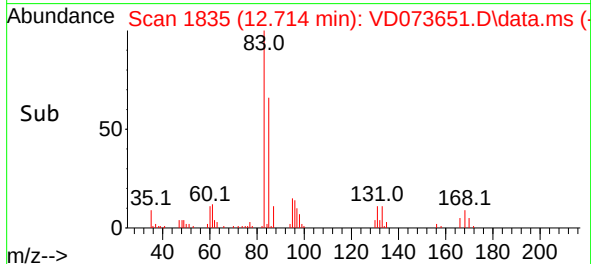
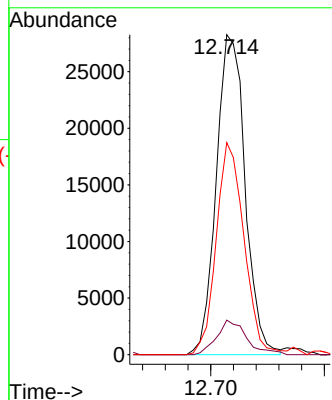
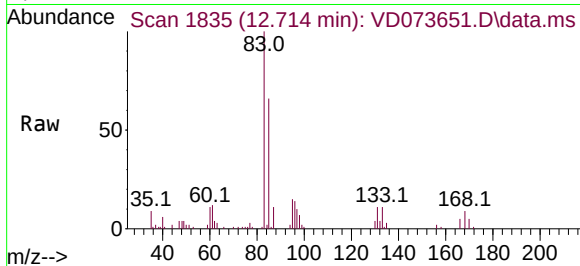




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.952 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD073651.D
 Acq: 22 Jun 2022 13:06

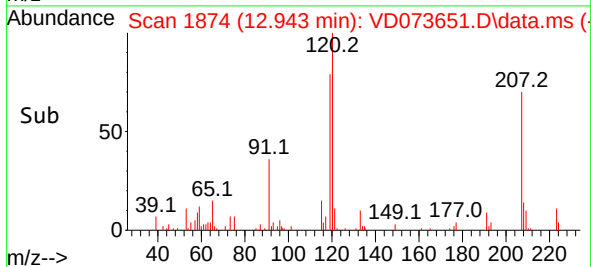
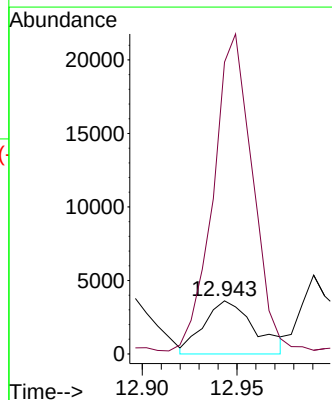
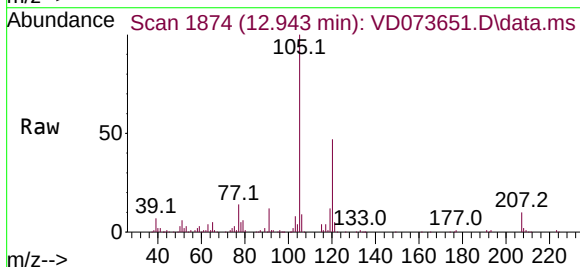
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

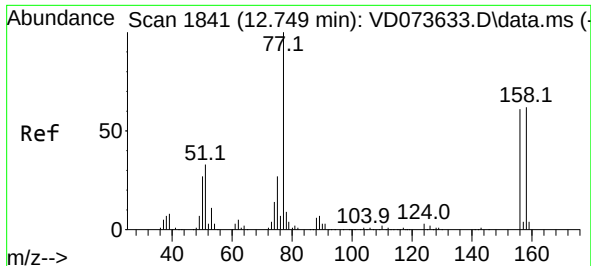
Tgt Ion: 83 Resp: 49841
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.5 16.7
 85 64.0 31.6 95.0



#76
 1,2,3-Trichloropropane
 Concen: 3.755 ug/l
 RT: 12.943 min Scan# 1874
 Delta R.T. 0.176 min
 Lab File: VD073651.D
 Acq: 22 Jun 2022 13:06

Tgt Ion: 75 Resp: 6691
 Ion Ratio Lower Upper
 75 100
 77 465.5 208.9 626.7

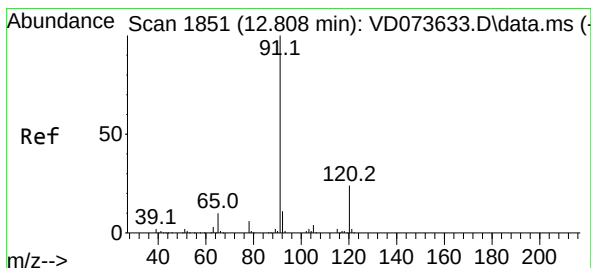
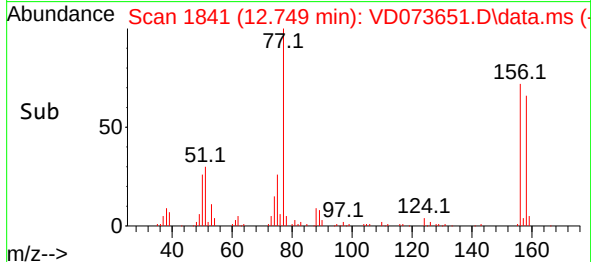
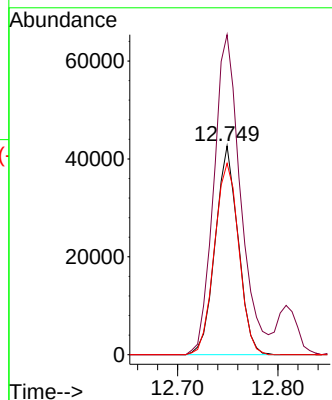
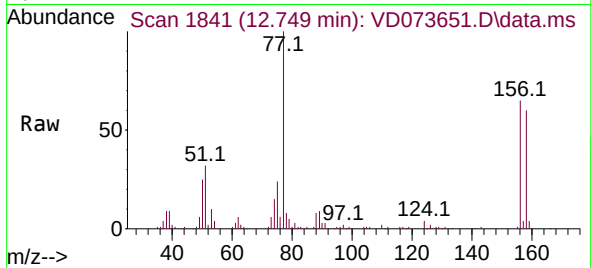




#77
Bromobenzene
Concen: 20.895 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

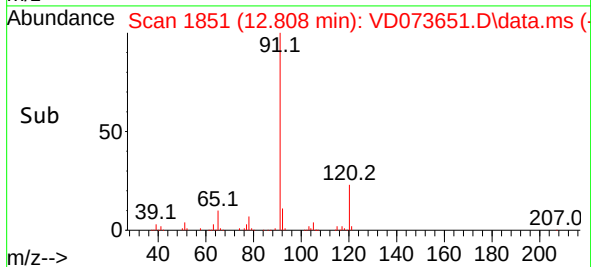
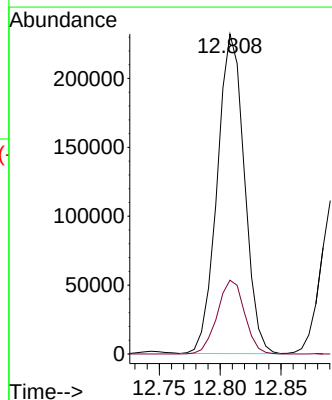
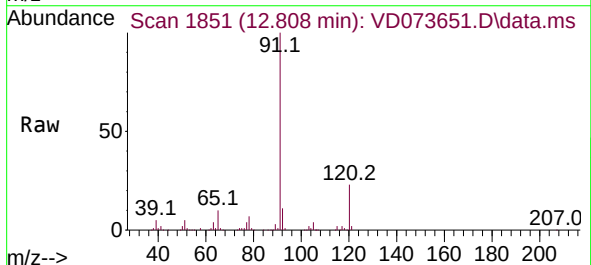
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

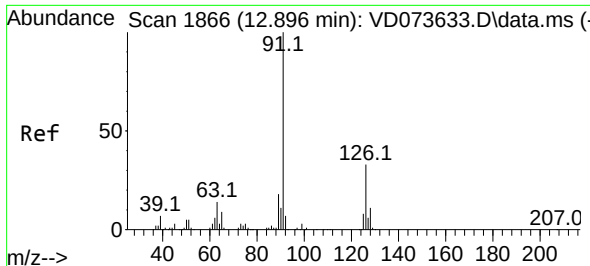
Tgt Ion:156 Resp: 67546
Ion Ratio Lower Upper
156 100
77 178.9 91.5 274.4
158 97.8 48.8 146.3



#78
n-propylbenzene
Concen: 22.143 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion: 91 Resp: 360293
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4

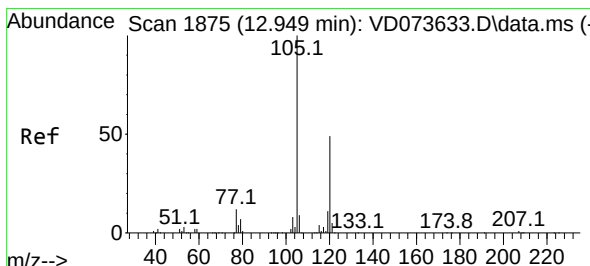
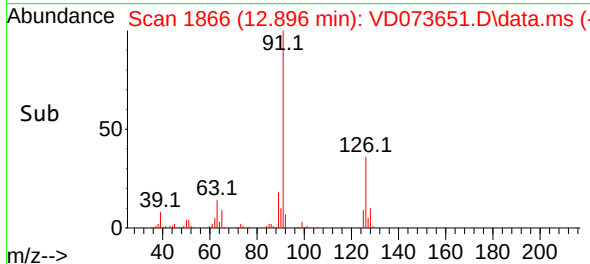
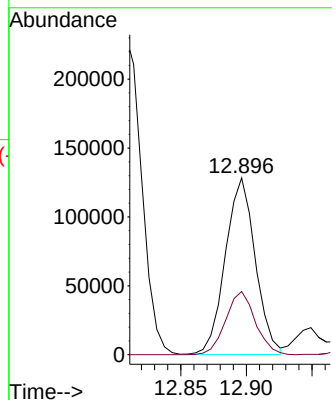
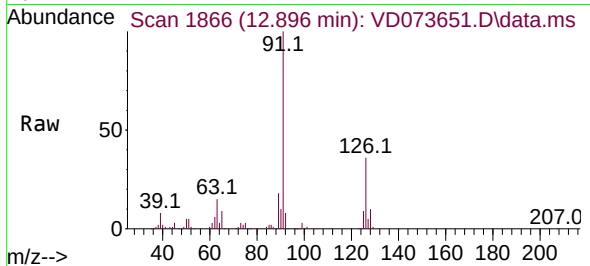




#79
2-Chlorotoluene
Concen: 21.344 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

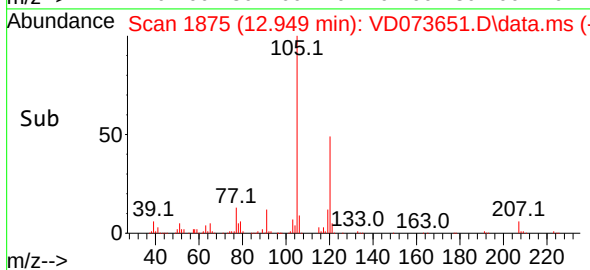
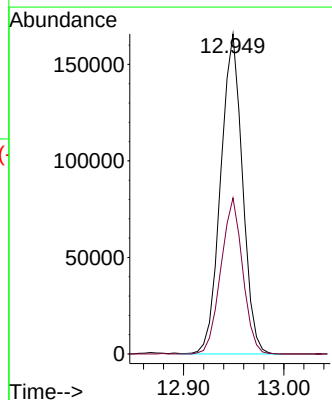
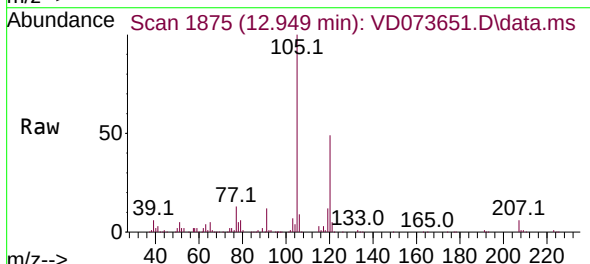
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

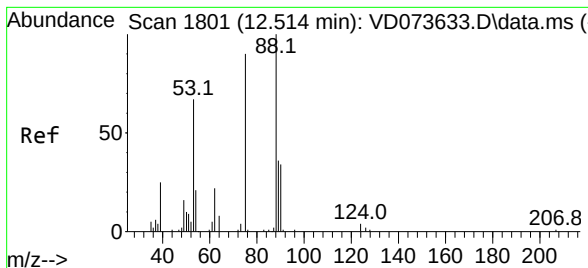
Tgt Ion: 91 Resp: 203705
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 22.045 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion: 105 Resp: 250100
Ion Ratio Lower Upper
105 100
120 48.6 24.4 73.2

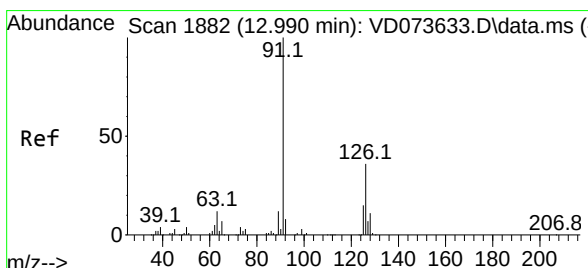
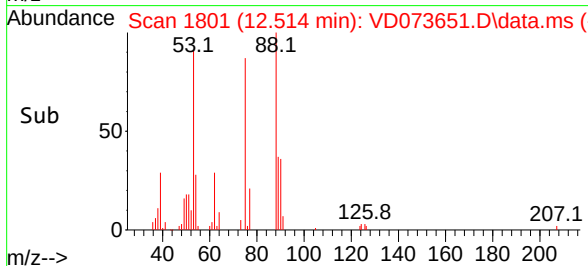
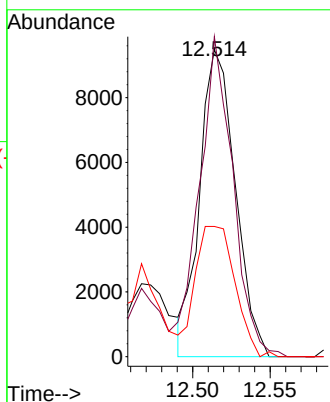
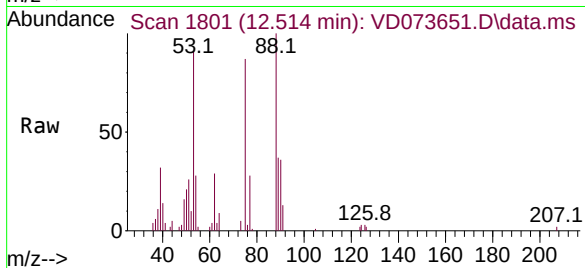




#81
trans-1,4-Dichloro-2-butene
Concen: 19.652 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

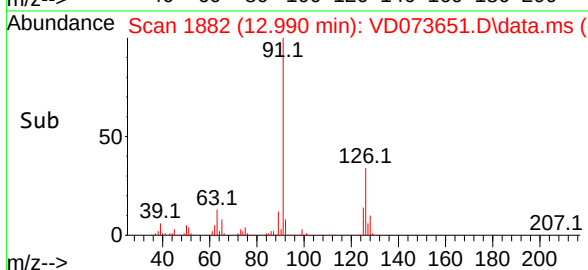
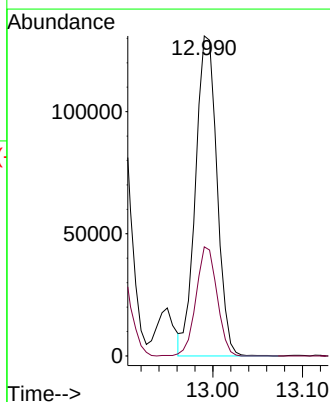
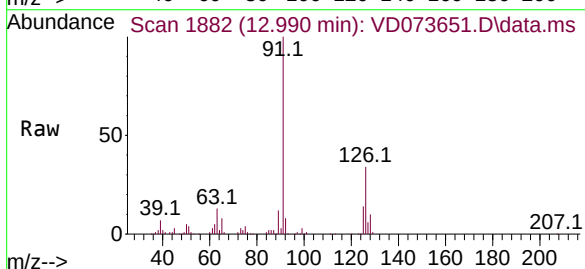
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

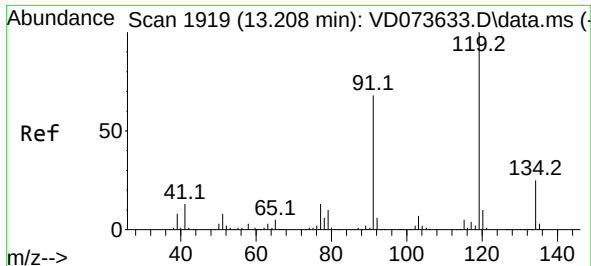
Tgt Ion: 75 Resp: 15173
Ion Ratio Lower Upper
75 100
53 99.0 70.5 105.7
89 47.4 35.8 53.8



#82
4-Chlorotoluene
Concen: 21.319 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion: 91 Resp: 217164
Ion Ratio Lower Upper
91 100
126 33.4 17.1 51.2

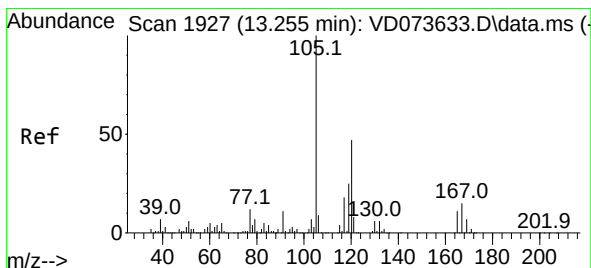
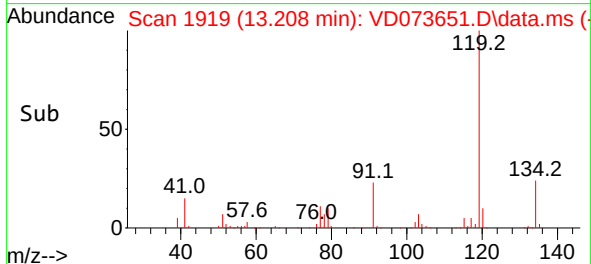
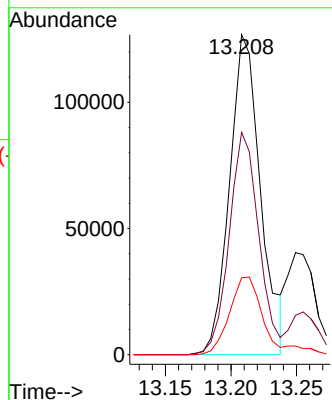
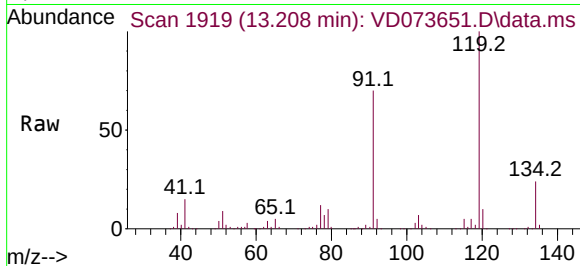




#83
tert-Butylbenzene
Concen: 21.233 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

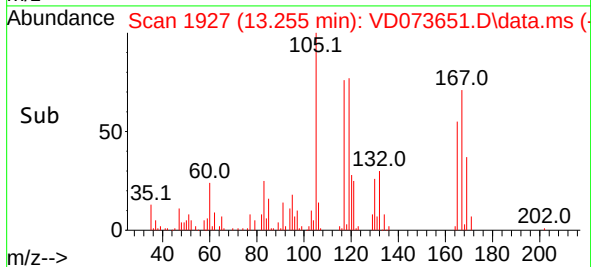
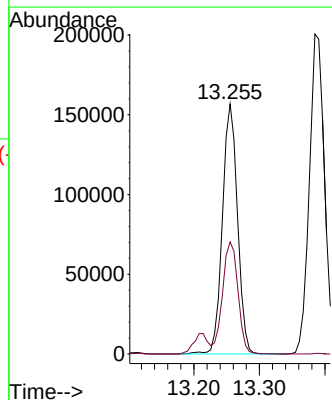
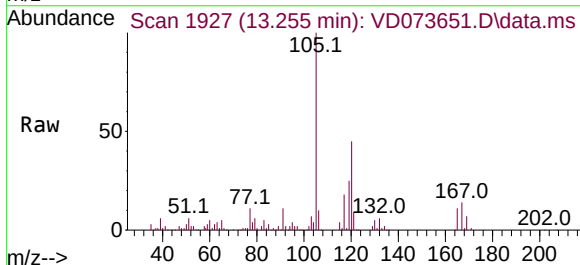
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

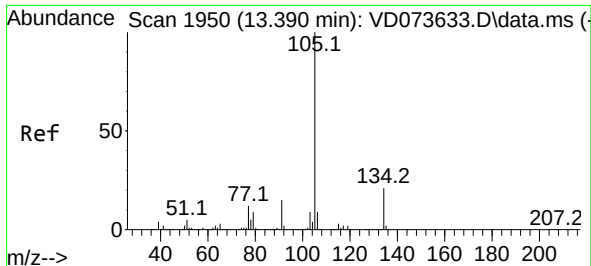
Tgt Ion:119 Resp: 208526
Ion Ratio Lower Upper
119 100
91 66.5 32.3 96.8
134 27.0 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 22.271 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion:105 Resp: 249247
Ion Ratio Lower Upper
105 100
120 45.9 23.1 69.2

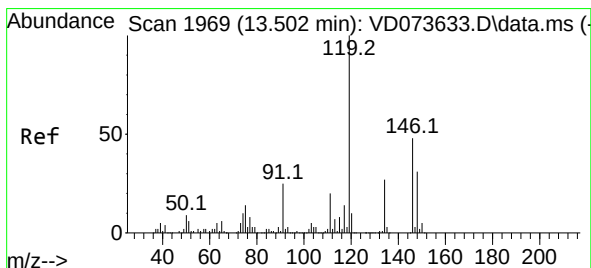
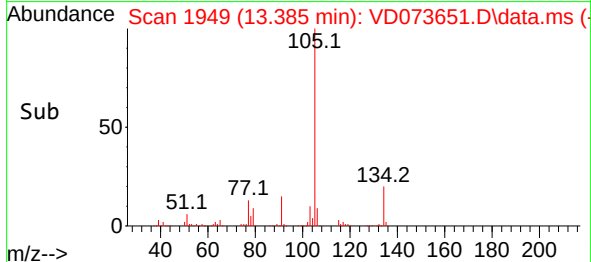
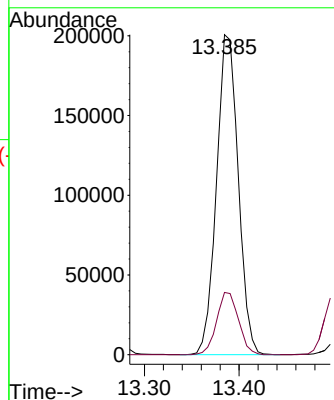
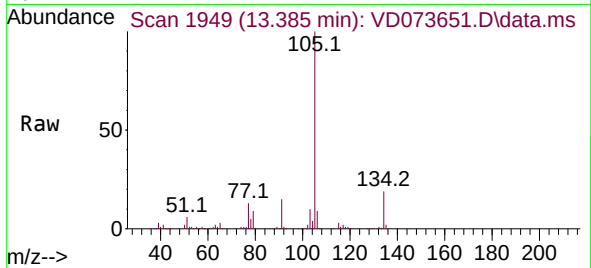




#85
 sec-Butylbenzene
 Concen: 21.944 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: VD073651.D
 Acq: 22 Jun 2022 13:06

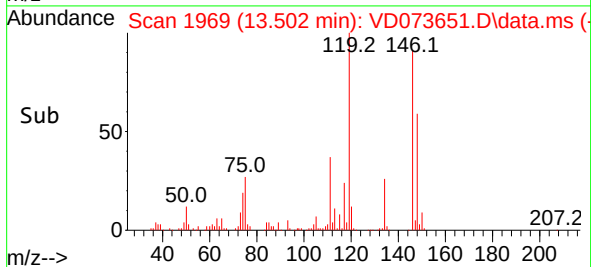
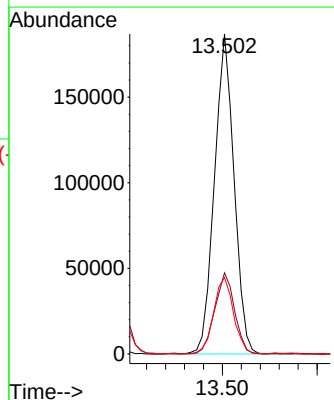
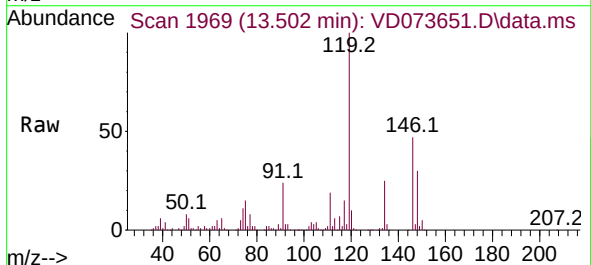
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

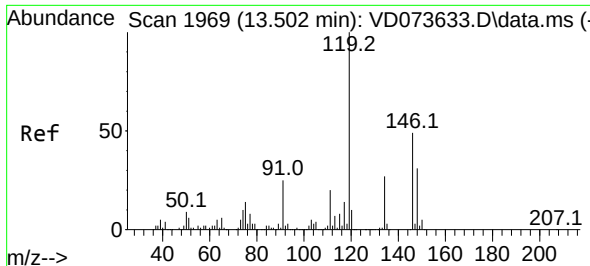
Tgt Ion:105 Resp: 320457
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 22.242 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073651.D
 Acq: 22 Jun 2022 13:06

Tgt Ion:119 Resp: 268299
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.1 39.3
 91 24.4 12.0 36.0

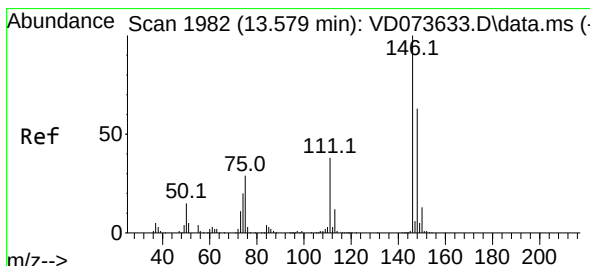
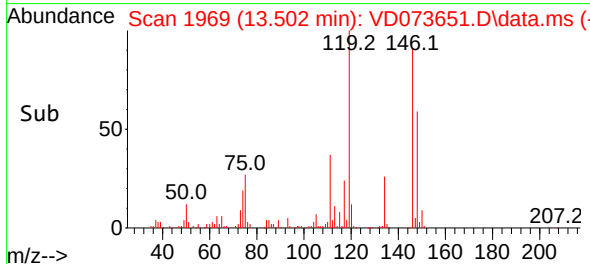
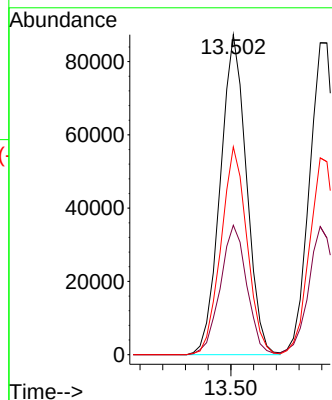
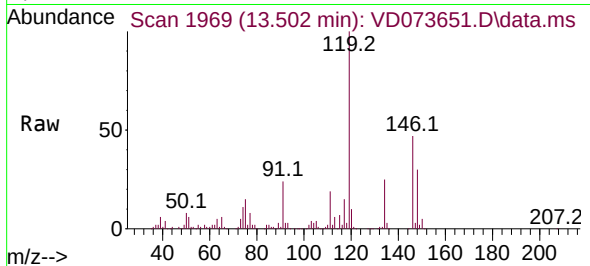




#87
1,3-Dichlorobenzene
Concen: 21.011 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

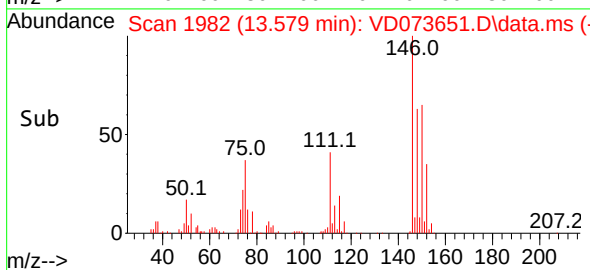
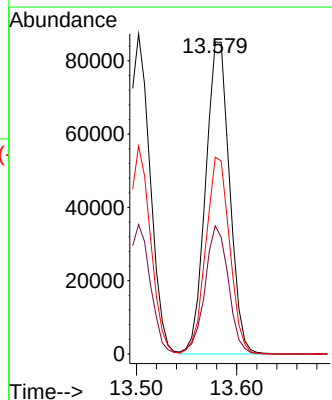
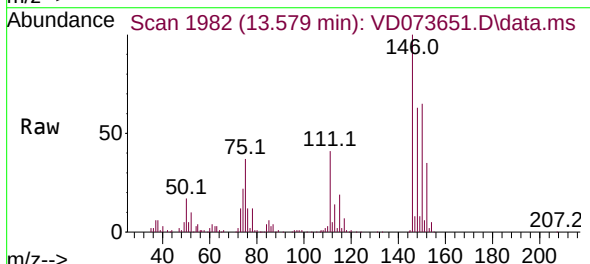
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

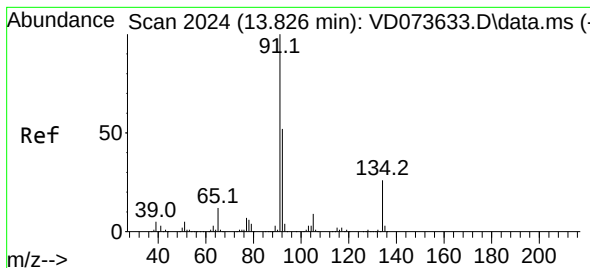
Tgt Ion:146 Resp: 140129
Ion Ratio Lower Upper
146 100
111 40.8 20.6 61.8
148 64.4 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 21.391 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD073651.D
Acq: 22 Jun 2022 13:06

Tgt Ion:146 Resp: 141395
Ion Ratio Lower Upper
146 100
111 40.3 19.8 59.3
148 63.0 31.9 95.9





#89

n-Butylbenzene

Concen: 21.748 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

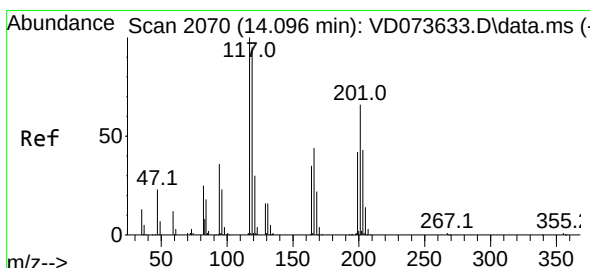
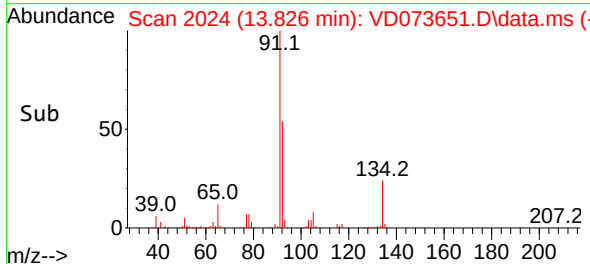
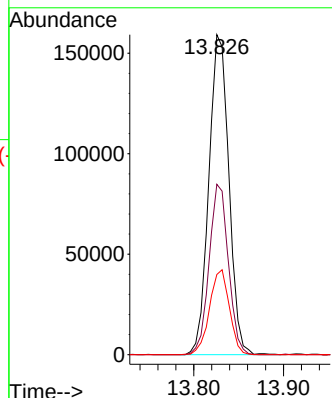
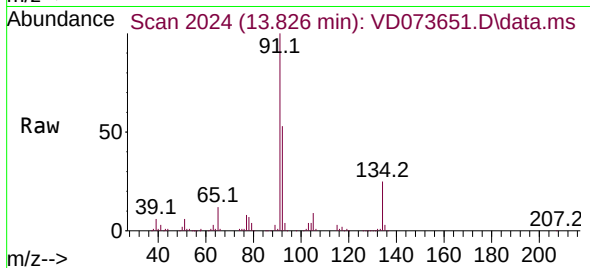
Tgt Ion: 91 Resp: 246655

Ion Ratio Lower Upper

91 100

92 51.3 26.8 80.4

134 26.3 13.1 39.3



#90

Hexachloroethane

Concen: 21.074 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073651.D

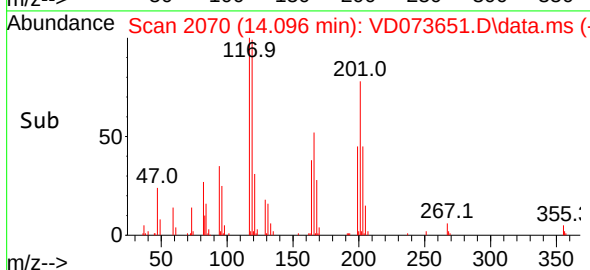
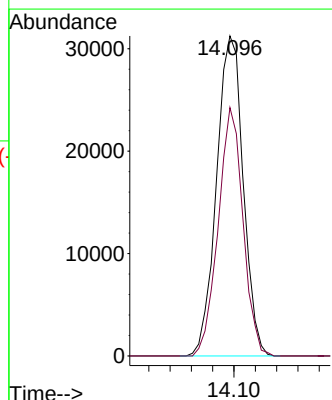
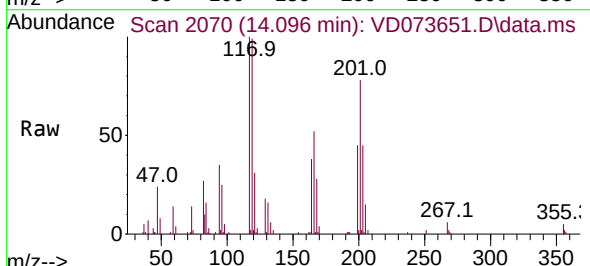
Acq: 22 Jun 2022 13:06

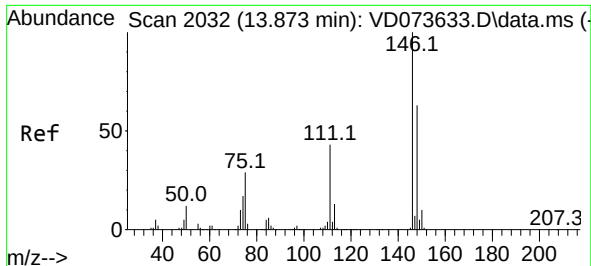
Tgt Ion: 117 Resp: 54292

Ion Ratio Lower Upper

117 100

201 72.0 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 21.183 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

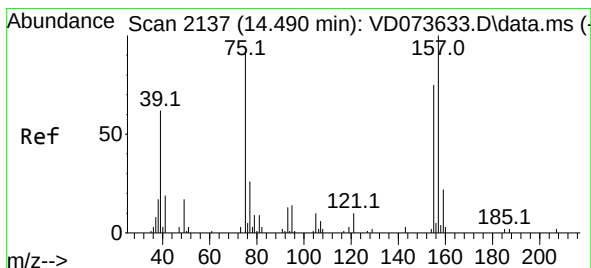
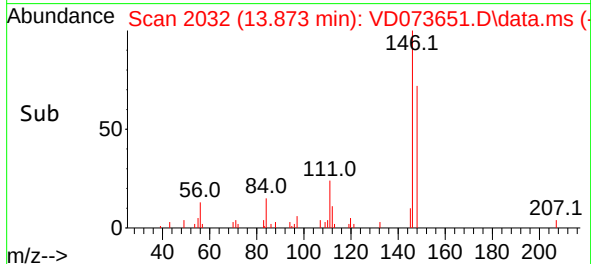
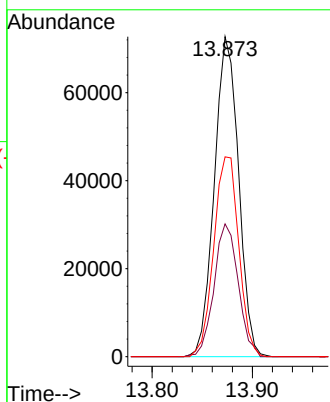
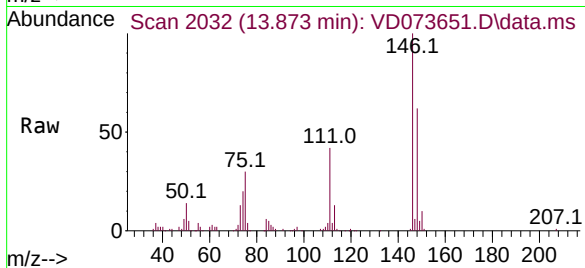
Tgt Ion:146 Resp: 121880

Ion Ratio Lower Upper

146 100

111 41.4 20.9 62.7

148 64.4 31.5 94.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.232 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

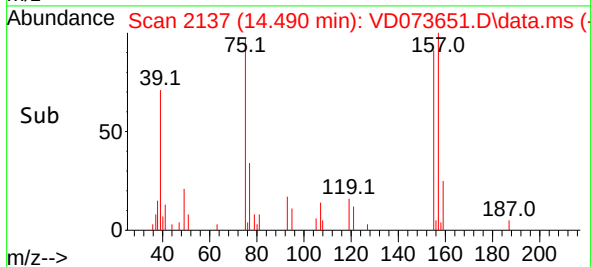
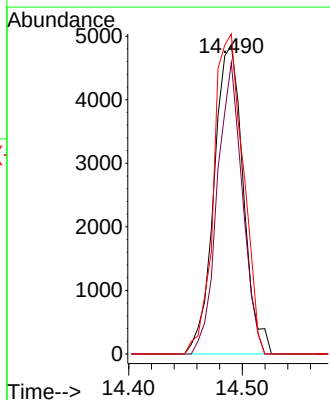
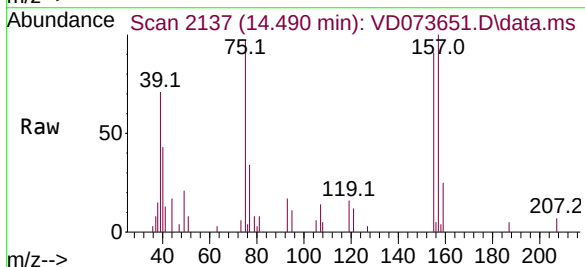
Tgt Ion: 75 Resp: 8673

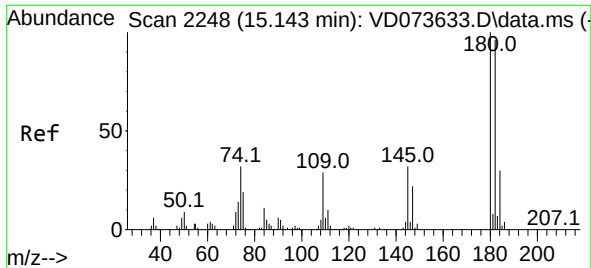
Ion Ratio Lower Upper

75 100

155 81.0 41.6 124.8

157 104.6 51.7 155.2

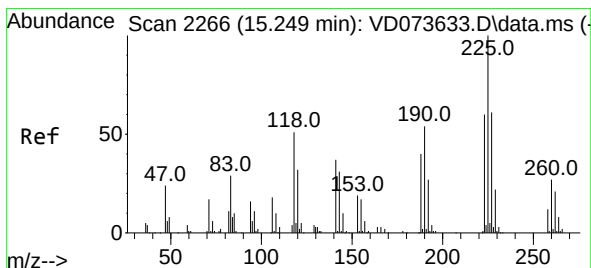
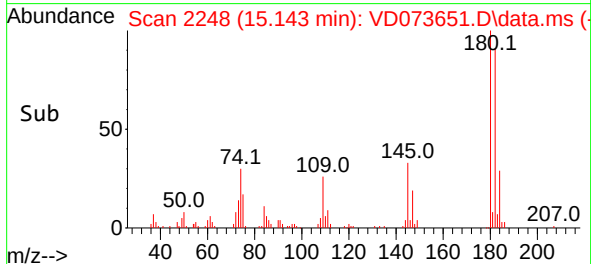
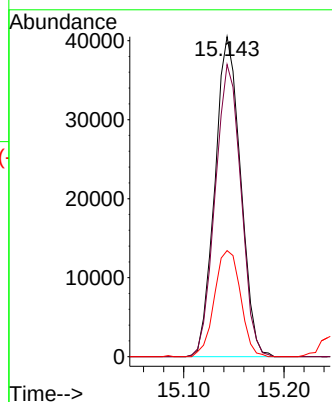
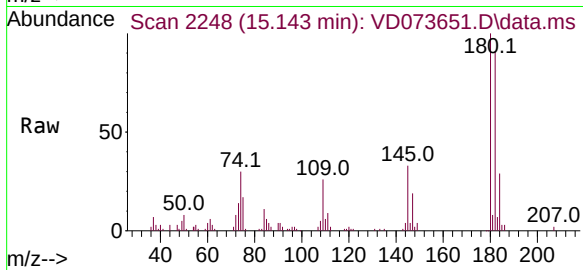




#93
 1,2,4-Trichlorobenzene
 Concen: 21.512 ug/l
 RT: 15.143 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073651.D
 Acq: 22 Jun 2022 13:06

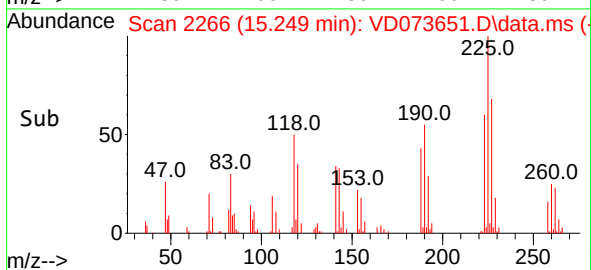
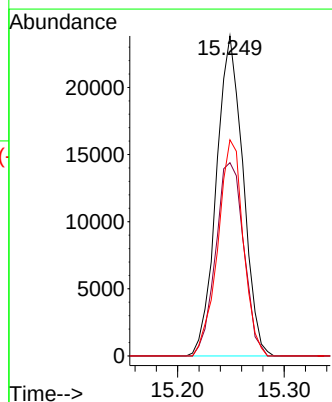
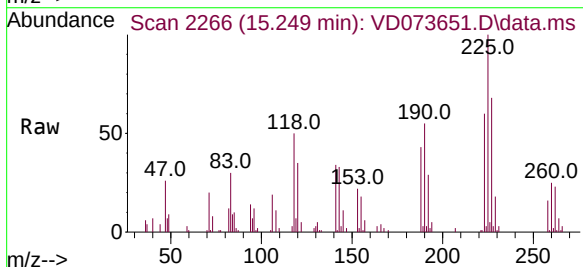
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

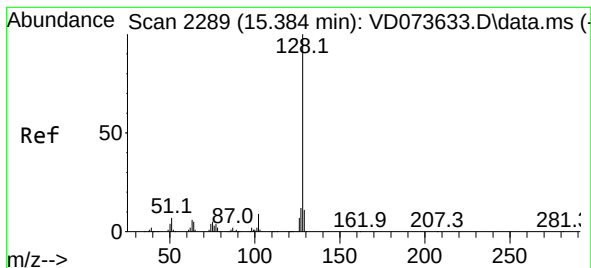
Tgt Ion:180 Resp: 72103
 Ion Ratio Lower Upper
 180 100
 182 91.6 48.0 144.2
 145 33.6 16.1 48.3



#94
 Hexachlorobutadiene
 Concen: 21.781 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD073651.D
 Acq: 22 Jun 2022 13:06

Tgt Ion:225 Resp: 41373
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.0 93.0
 227 64.5 31.8 95.4





#95

Naphthalene

Concen: 20.430 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.005 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

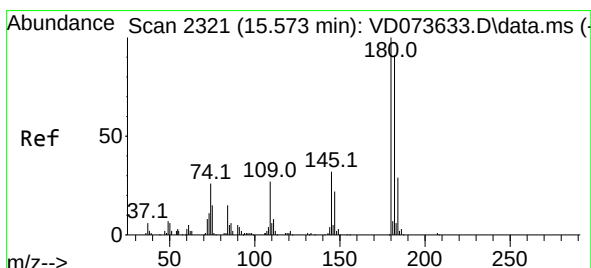
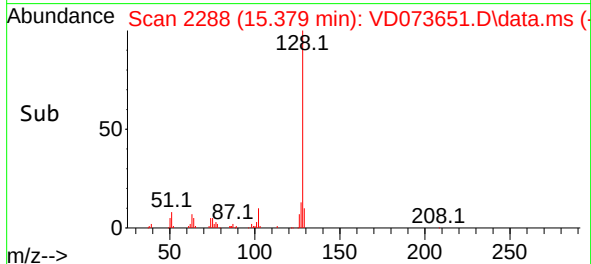
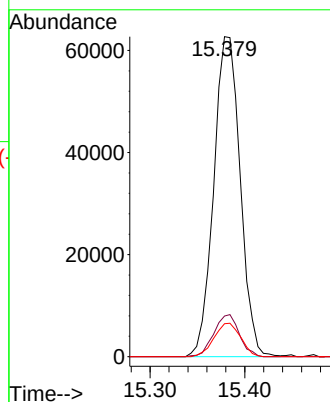
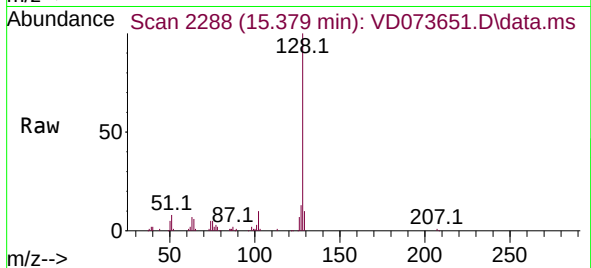
Tgt Ion:128 Resp: 121763

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.5 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 21.419 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. 0.006 min

Lab File: VD073651.D

Acq: 22 Jun 2022 13:06

Tgt Ion:180 Resp: 62452

Ion Ratio Lower Upper

180 100

182 92.5 46.1 138.3

145 35.5 16.8 50.3

