

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071840.D
 Acq On : 31 Jan 2022 12:35
 Operator : VA/SY
 Sample : VD0131SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBS02

Quant Time: Jan 31 13:36:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	386795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	647909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	588414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	268525	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	247531	50.631	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.260%	
35) Dibromofluoromethane	7.914	113	226086	53.086	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.180%	
50) Toluene-d8	10.338	98	862778	54.244	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.480%	
62) 4-Bromofluorobenzene	12.626	95	289031	52.036	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.080%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	104509	22.785	ug/l	100
3) Chloromethane	2.215	50	118025	21.492	ug/l	96
4) Vinyl Chloride	2.356	62	117602	20.455	ug/l	98
5) Bromomethane	2.773	94	81991	21.614	ug/l	88
6) Chloroethane	2.926	64	72557	19.914	ug/l	99
7) Trichlorofluoromethane	3.279	101	169871	20.617	ug/l	99
8) Diethyl Ether	3.715	74	39555	18.194	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.103	101	96908	20.848	ug/l	98
10) Methyl Iodide	4.309	142	89116	18.701	ug/l	99
11) Tert butyl alcohol	5.215	59	37196	103.334	ug/l #	90
12) 1,1-Dichloroethene	4.073	96	87620	20.619	ug/l	99
13) Acrolein	3.920	56	40390	93.015	ug/l	99
14) Allyl chloride	4.720	41	156456	19.315	ug/l	97
15) Acrylonitrile	5.420	53	98499	89.145	ug/l	96
16) Acetone	4.162	43	104951	78.422	ug/l	96
17) Carbon Disulfide	4.415	76	295799	19.963	ug/l	98
18) Methyl Acetate	4.720	43	48084	16.618	ug/l	99
19) Methyl tert-butyl Ether	5.485	73	181816	17.885	ug/l	95
20) Methylene Chloride	4.973	84	100190	18.126	ug/l	95
21) trans-1,2-Dichloroethene	5.479	96	98395	19.890	ug/l	94
22) Diisopropyl ether	6.367	45	311439	19.617	ug/l	98
23) Vinyl Acetate	6.309	43	798666	91.192	ug/l	99
24) 1,1-Dichloroethane	6.267	63	191216	20.664	ug/l	98
25) 2-Butanone	7.220	43	128674	82.476	ug/l	99
26) 2,2-Dichloropropane	7.214	77	156747	20.470	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	104759	19.716	ug/l	98
28) Bromochloromethane	7.550	49	61473	17.613	ug/l	100
29) Tetrahydrofuran	7.561	42	78033	84.532	ug/l	98
30) Chloroform	7.714	83	187122	19.794	ug/l	96
31) Cyclohexane	7.985	56	184773	19.797	ug/l	97
32) 1,1,1-Trichloroethane	7.909	97	166795	20.003	ug/l	99
36) 1,1-Dichloropropene	8.114	75	148114	20.263	ug/l	98
37) Ethyl Acetate	7.297	43	52507	15.450	ug/l	96
38) Carbon Tetrachloride	8.103	117	144559	19.998	ug/l	100
39) Methylcyclohexane	9.355	83	168334	19.875	ug/l	95
40) Benzene	8.350	78	397107	20.125	ug/l	98

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 ClientSampleId :
 VD0131SBS02

Quant Time: Jan 31 13:36:27 2022
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 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	32615	16.964	ug/l	95
42) 1,2-Dichloroethane	8.426	62	118922	19.087	ug/l	99
43) Isopropyl Acetate	8.450	43	105109	17.208	ug/l	97
44) Trichloroethene	9.114	130	102674	20.153	ug/l	95
45) 1,2-Dichloropropane	9.385	63	102987	20.242	ug/l	97
46) Dibromomethane	9.473	93	51653	19.389	ug/l	97
47) Bromodichloromethane	9.661	83	138131	19.606	ug/l	96
48) Methyl methacrylate	9.455	41	55405	17.139	ug/l	98
49) 1,4-Dioxane	9.455	88	9457	311.018	ug/l #	88
51) 4-Methyl-2-Pentanone	10.226	43	270451	84.610	ug/l	99
52) Toluene	10.403	92	245243	19.988	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	121209	18.731	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	148612	19.593	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	67728	19.156	ug/l	95
56) Ethyl methacrylate	10.661	69	73058	16.690	ug/l	99
57) 1,3-Dichloropropane	10.944	76	118945	18.845	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	177329	86.053	ug/l	99
59) 2-Hexanone	10.979	43	188743	81.355	ug/l	95
60) Dibromochloromethane	11.138	129	84173	19.279	ug/l	96
61) 1,2-Dibromoethane	11.244	107	63255	18.569	ug/l	100
64) Tetrachloroethene	10.873	164	85350	20.506	ug/l	96
65) Chlorobenzene	11.667	112	250758	20.144	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	91514	20.208	ug/l	99
67) Ethyl Benzene	11.738	91	453000	19.777	ug/l	99
68) m/p-Xylenes	11.849	106	356752	40.948	ug/l	100
69) o-Xylene	12.173	106	159025	20.085	ug/l	99
70) Styrene	12.191	104	277142	20.308	ug/l	98
71) Bromoform	12.355	173	44730	18.499	ug/l #	99
73) Isopropylbenzene	12.473	105	435951	20.966	ug/l	99
74) N-amyl acetate	12.285	43	93696	18.323	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	71756	18.648	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	94970	33.559	ug/l #	100
77) Bromobenzene	12.755	156	93781	20.275	ug/l	95
78) n-propylbenzene	12.814	91	553087	21.213	ug/l	99
79) 2-Chlorotoluene	12.902	91	308687	20.892	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	363613	21.083	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	19658	17.080	ug/l	95
82) 4-Chlorotoluene	12.996	91	326804	21.260	ug/l	99
83) tert-Butylbenzene	13.214	119	308123	21.557	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	360158	21.229	ug/l	98
85) sec-Butylbenzene	13.391	105	466887	20.876	ug/l	99
86) p-Isopropyltoluene	13.508	119	376396	20.711	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	191383	20.377	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	190017	20.271	ug/l	99
89) n-Butylbenzene	13.832	91	373646	20.955	ug/l	99
90) Hexachloroethane	14.102	117	75483	20.895	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	161168	20.052	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	11353	17.815	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	91517	19.491	ug/l	99
94) Hexachlorobutadiene	15.255	225	52814	20.628	ug/l	98
95) Naphthalene	15.385	128	153206	17.401	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	75463	18.750	ug/l	99

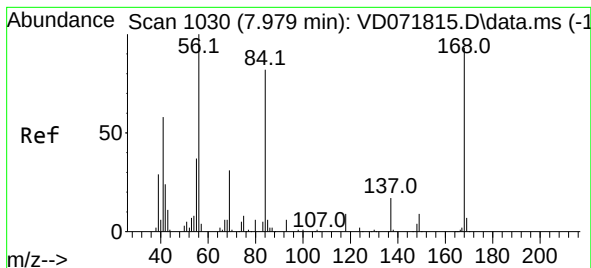
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Data File : VD071840.D
Acq On : 31 Jan 2022 12:35
Operator : VA/SY
Sample : VD0131SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

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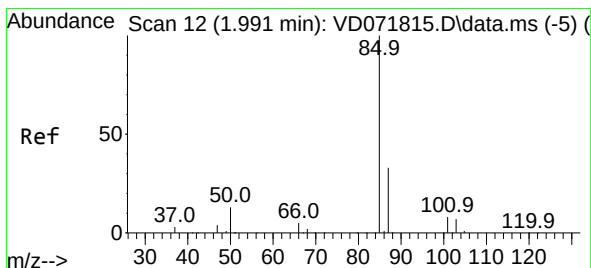
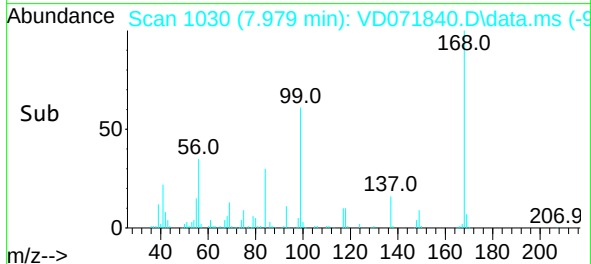
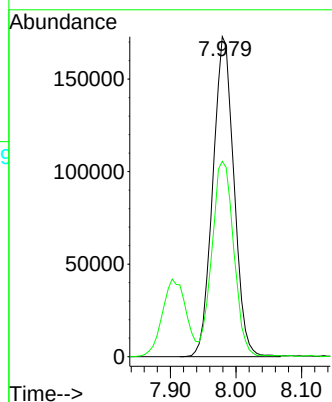
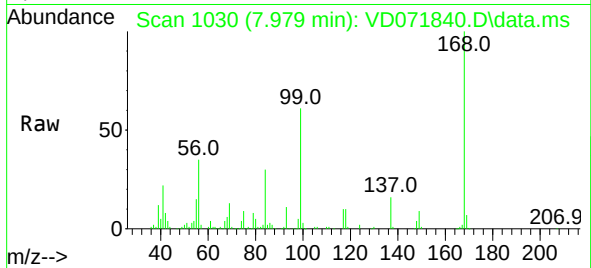
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

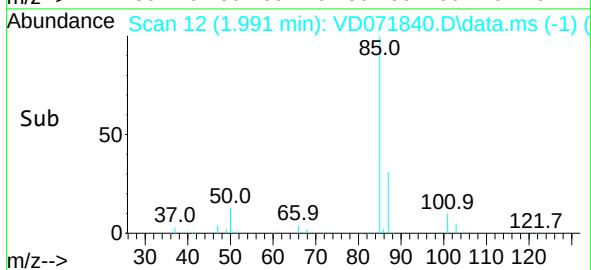
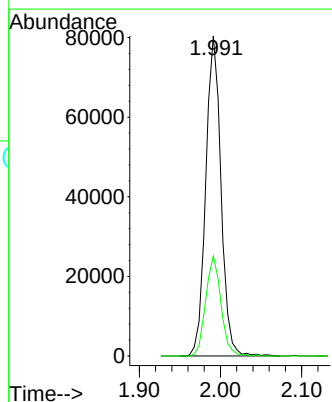
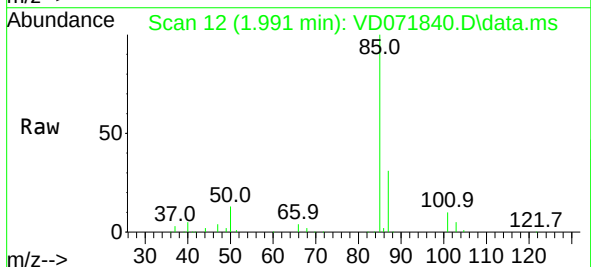
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

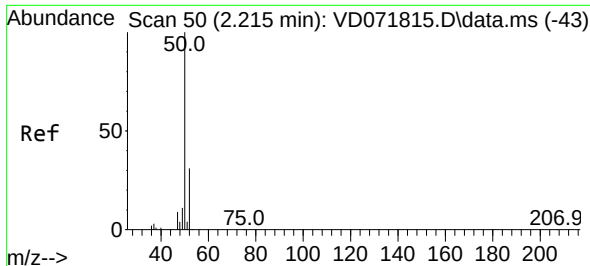
Tgt Ion:168 Resp: 386795
Ion Ratio Lower Upper
168 100
99 60.7 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 22.785 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion: 85 Resp: 104509
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.0

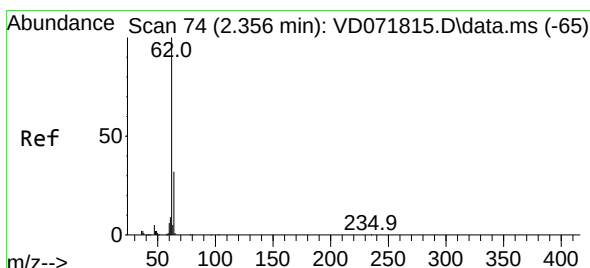
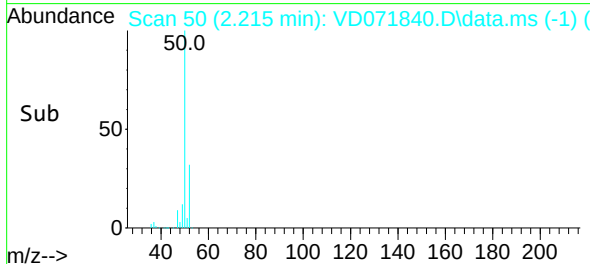
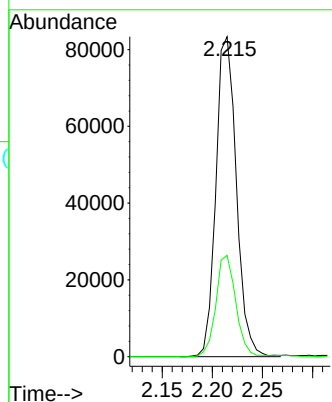
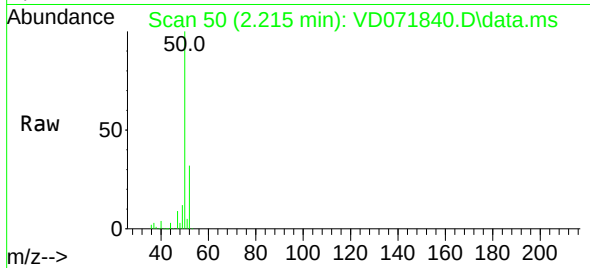




#3
Chloromethane
Concen: 21.492 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

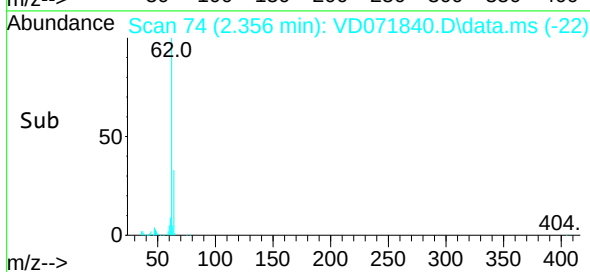
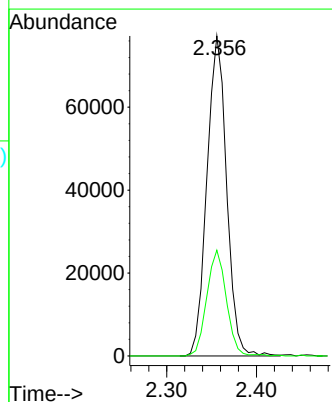
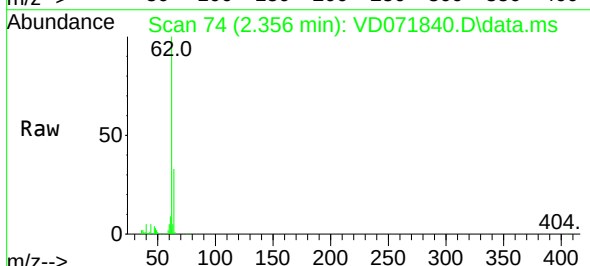
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

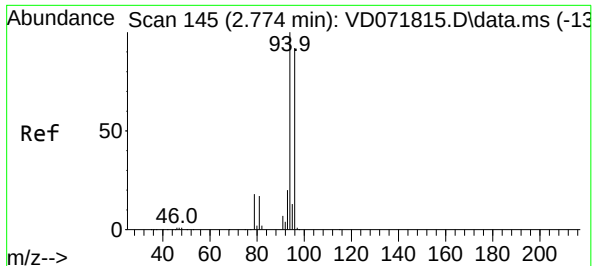
Tgt Ion: 50 Resp: 118025
Ion Ratio Lower Upper
50 100
52 31.7 27.4 41.0



#4
Vinyl Chloride
Concen: 20.455 ug/l
RT: 2.356 min Scan# 74
Delta R.T. 0.006 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion: 62 Resp: 117602
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0

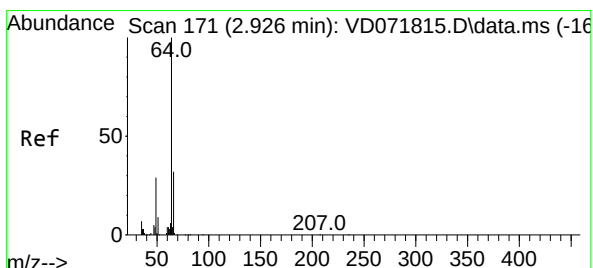
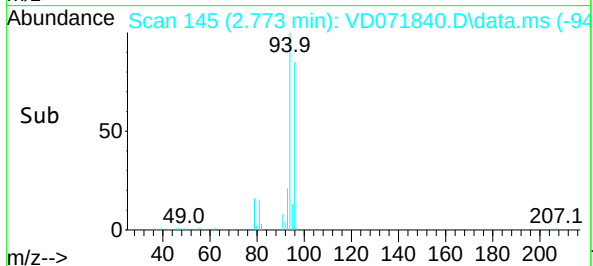
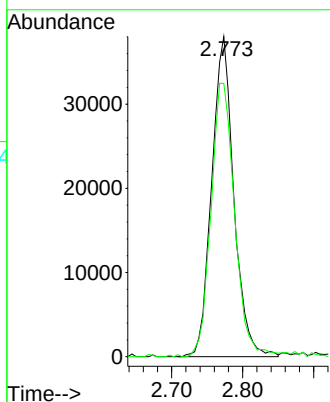
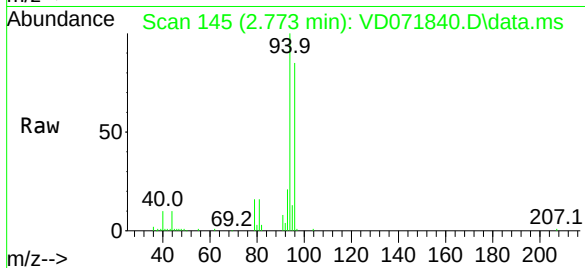




#5
Bromomethane
Concen: 21.614 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

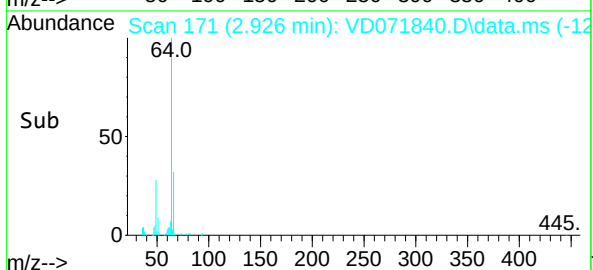
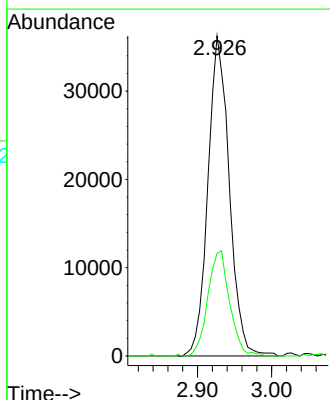
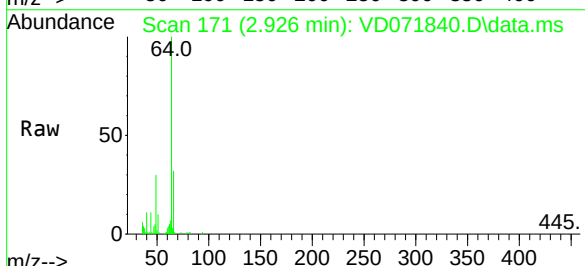
Instrument :
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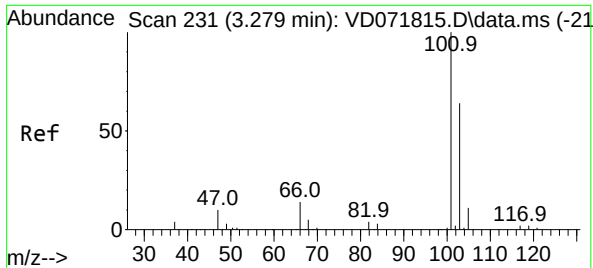
Tgt Ion: 94 Resp: 81991
Ion Ratio Lower Upper
94 100
96 84.8 77.6 116.4



#6
Chloroethane
Concen: 19.914 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion: 64 Resp: 72557
Ion Ratio Lower Upper
64 100
66 32.0 25.9 38.9

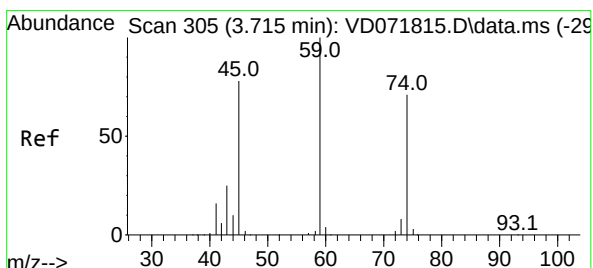
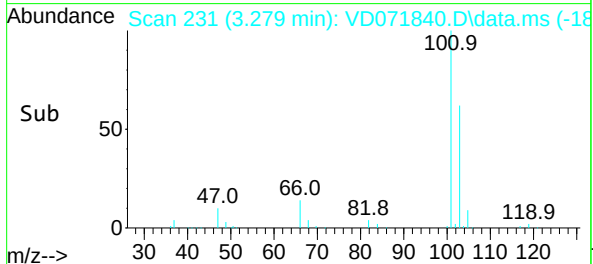
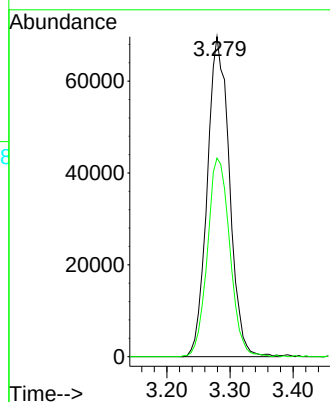
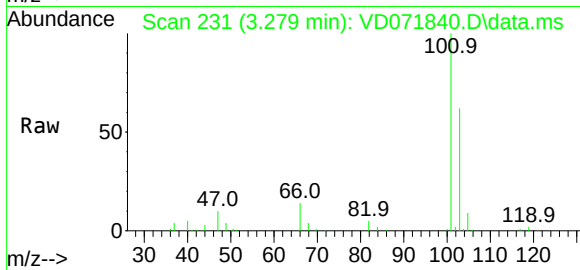




#7
Trichlorofluoromethane
Concen: 20.617 ug/l
RT: 3.279 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

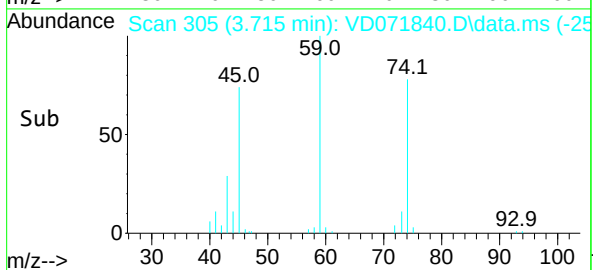
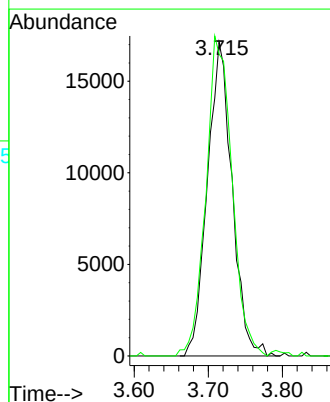
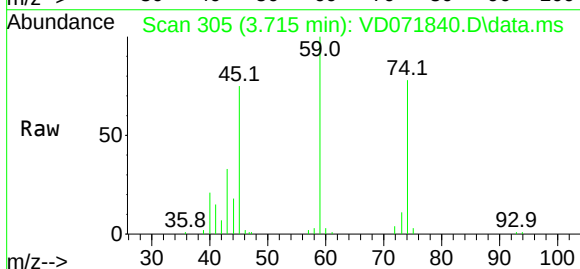
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ClientSampleId :
VD0131SBS02

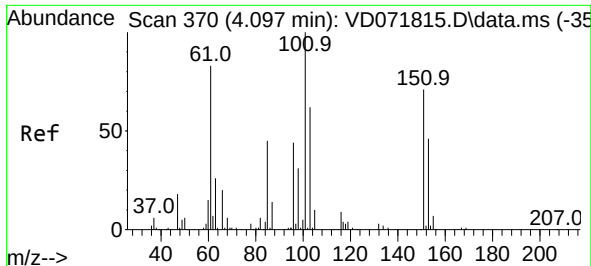
Tgt Ion:101 Resp: 169871
Ion Ratio Lower Upper
101 100
103 62.0 50.1 75.1



#8
Diethyl Ether
Concen: 18.194 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion: 74 Resp: 39555
Ion Ratio Lower Upper
74 100
45 107.9 52.6 157.8

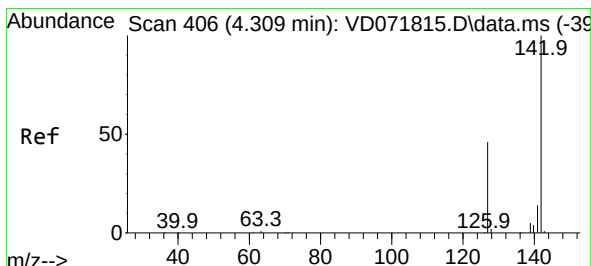
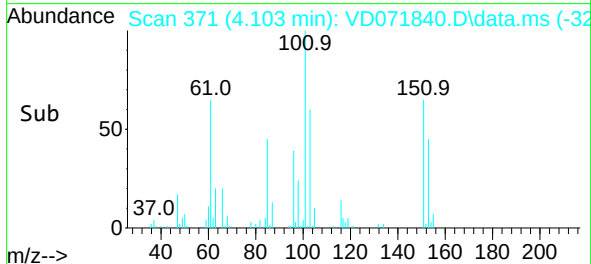
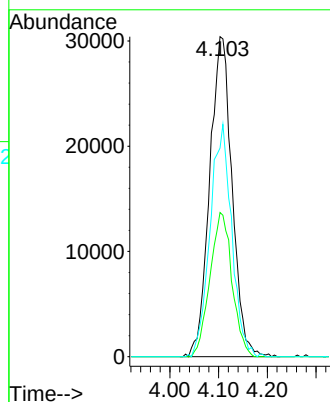
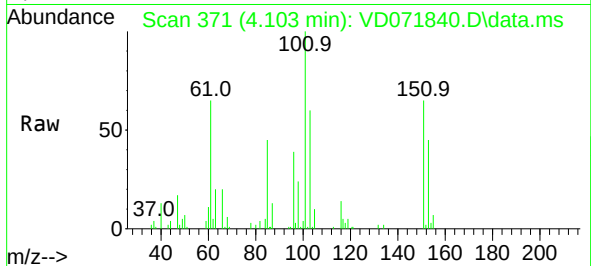




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.848 ug/l
 RT: 4.103 min Scan# 371
 Delta R.T. 0.000 min
 Lab File: VD071840.D
 Acq: 31 Jan 2022 12:35

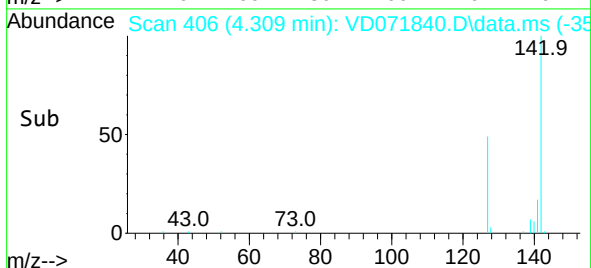
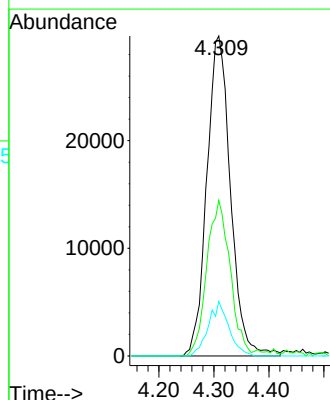
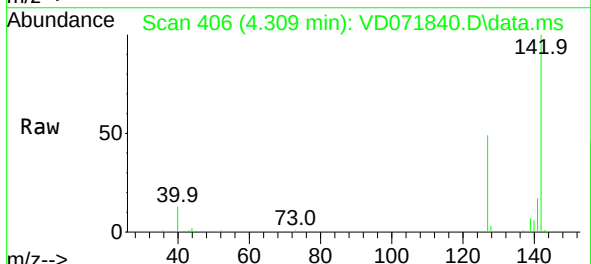
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBS02

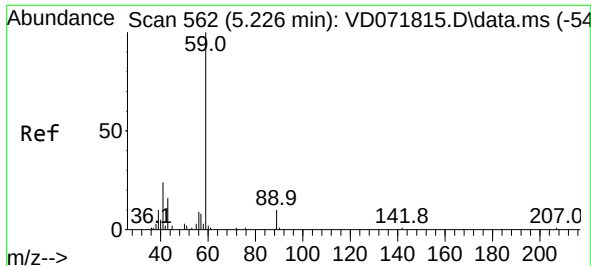
Tgt Ion:101 Resp: 96908
 Ion Ratio Lower Upper
 101 100
 85 44.4 36.4 54.6
 151 70.0 57.3 85.9



#10
 Methyl Iodide
 Concen: 18.701 ug/l
 RT: 4.309 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: VD071840.D
 Acq: 31 Jan 2022 12:35

Tgt Ion:142 Resp: 89116
 Ion Ratio Lower Upper
 142 100
 127 47.8 37.3 55.9
 141 14.8 11.7 17.5





#11

Tert butyl alcohol

Concen: 103.334 ug/l

RT: 5.215 min Scan# 5

Delta R.T. -0.006 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

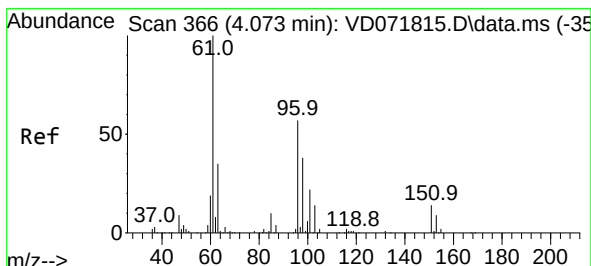
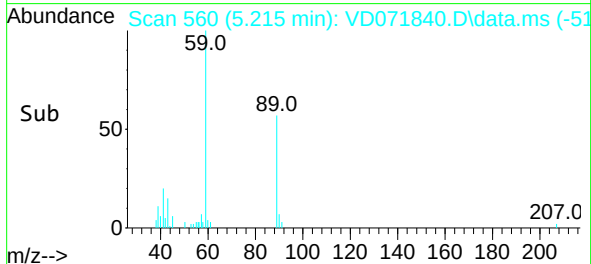
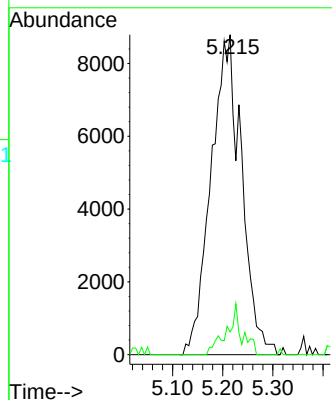
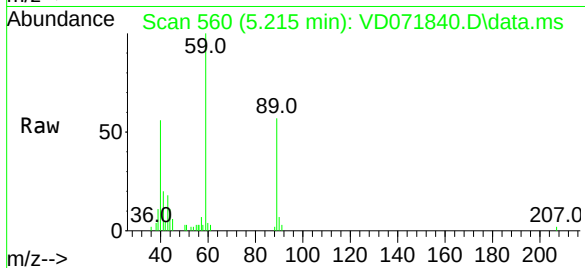
VD0131SBS02

Tgt Ion: 59 Resp: 37196

Ion Ratio Lower Upper

59 100

57 6.2 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 20.619 ug/l

RT: 4.073 min Scan# 366

Delta R.T. 0.000 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

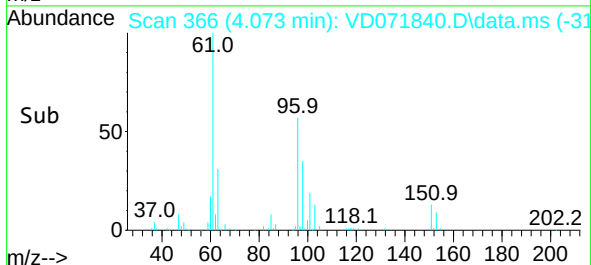
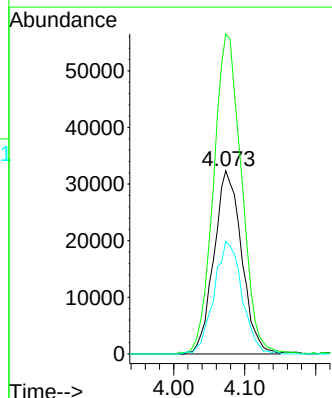
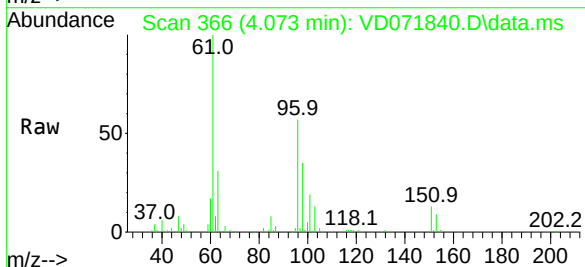
Tgt Ion: 96 Resp: 87620

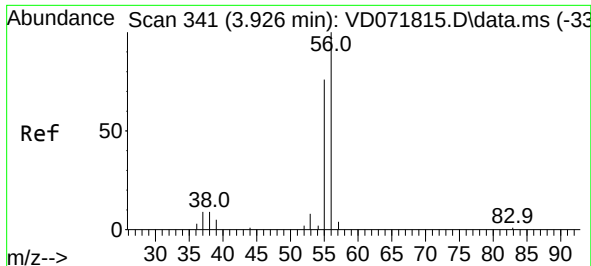
Ion Ratio Lower Upper

96 100

61 173.6 138.5 207.7

98 61.5 48.6 73.0





#13

Acrolein

Concen: 93.015 ug/l

RT: 3.920 min Scan# 341

Delta R.T. -0.006 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

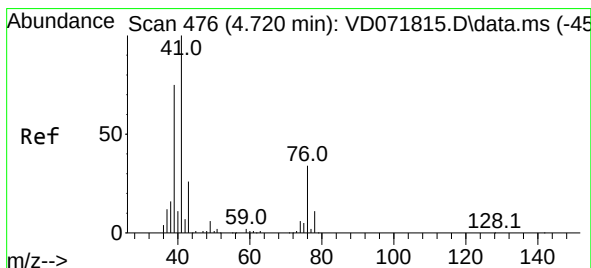
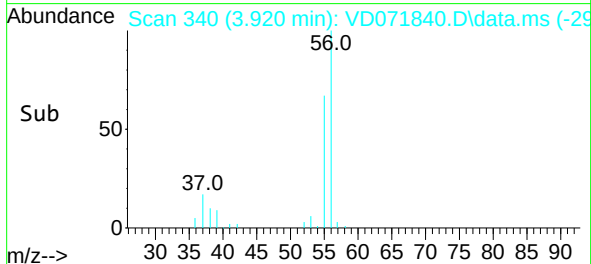
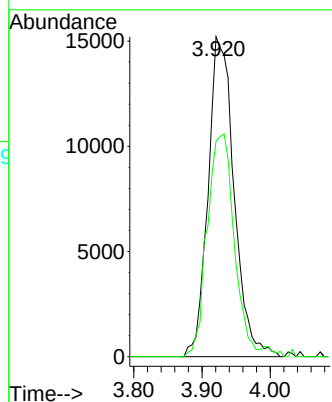
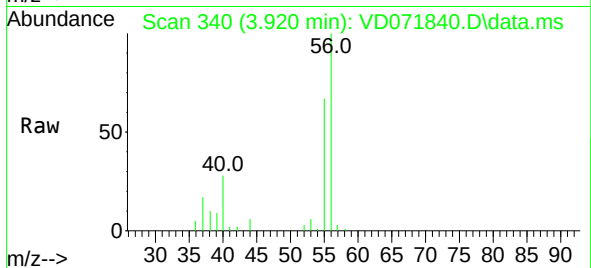
VD0131SBS02

Tgt Ion: 56 Resp: 40390

Ion Ratio Lower Upper

56 100

55 72.1 57.1 85.7



#14

Allyl chloride

Concen: 19.315 ug/l

RT: 4.720 min Scan# 476

Delta R.T. 0.000 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

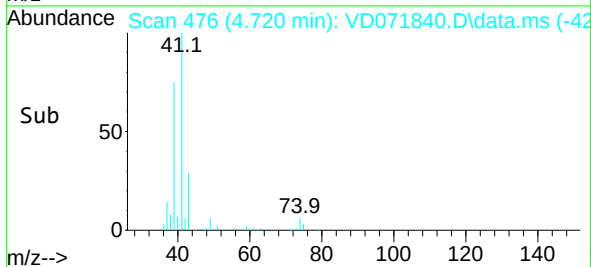
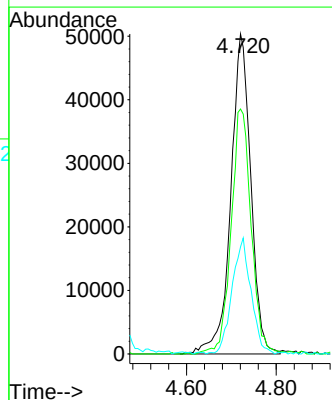
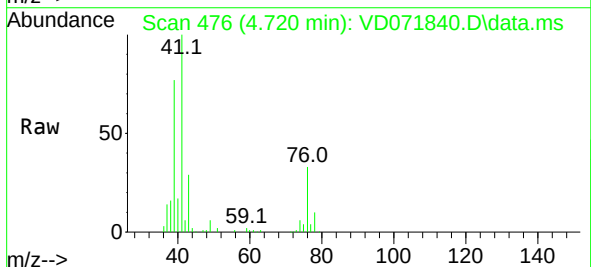
Tgt Ion: 41 Resp: 156456

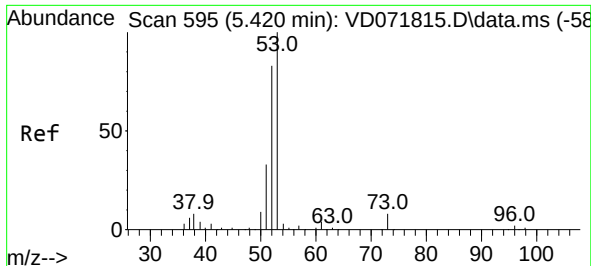
Ion Ratio Lower Upper

41 100

39 76.6 59.3 88.9

76 34.4 25.7 38.5

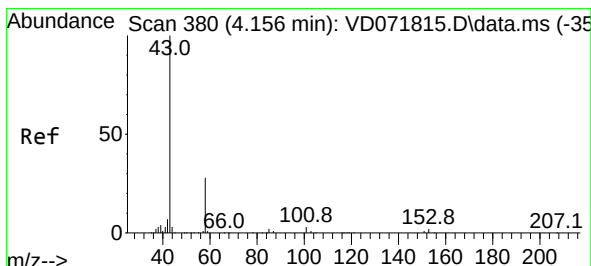
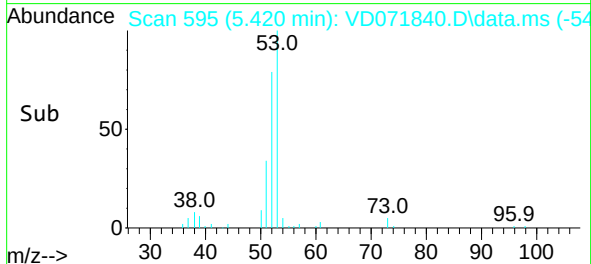
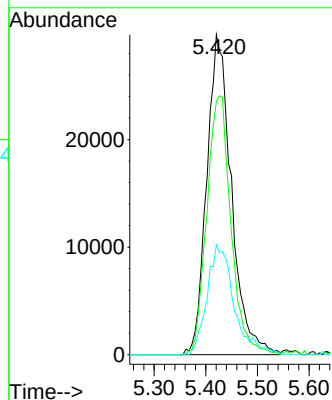
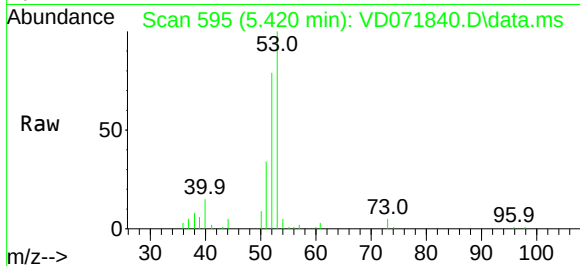




#15
Acrylonitrile
Concen: 89.145 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

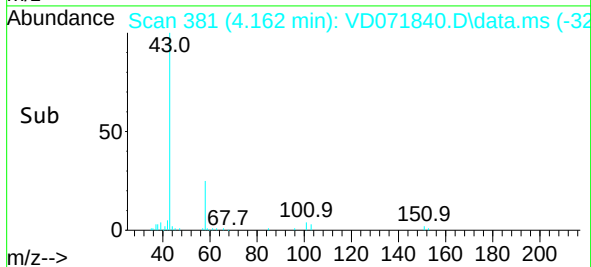
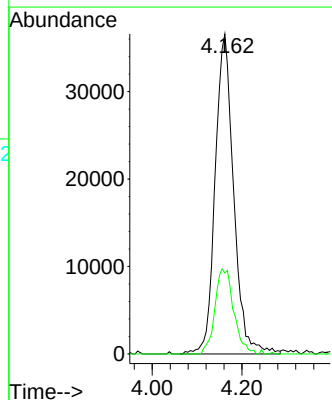
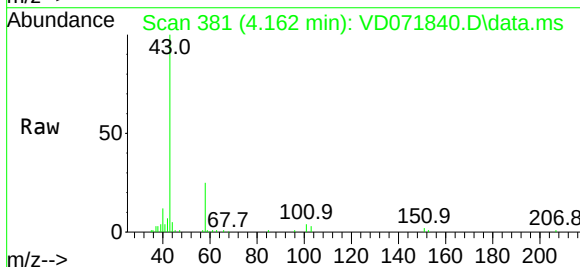
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

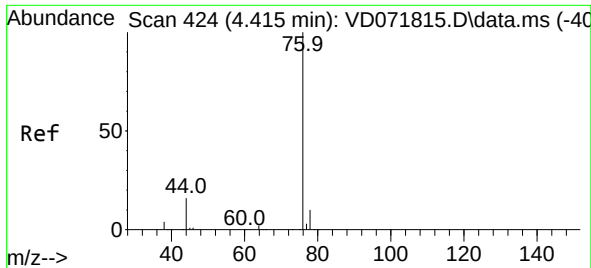
Tgt Ion:	53	Resp:	98499
Ion	Ratio	Lower	Upper
53	100		
52	79.3	67.2	100.8
51	37.4	30.3	45.5



#16
Acetone
Concen: 78.422 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion:	43	Resp:	104951
Ion	Ratio	Lower	Upper
43	100		
58	25.3	22.1	33.1

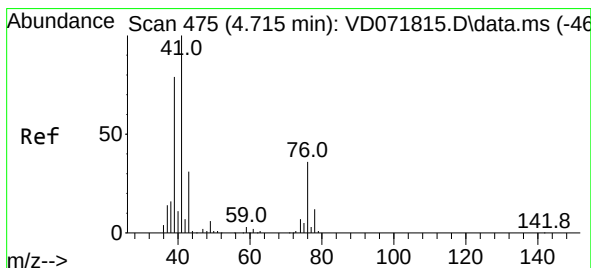
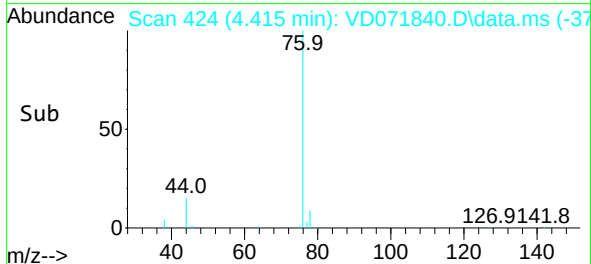
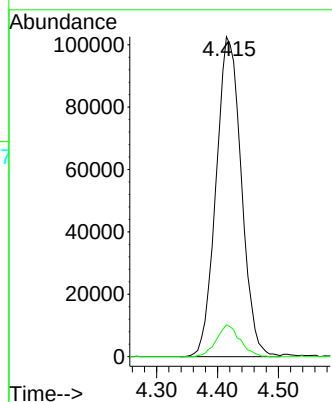
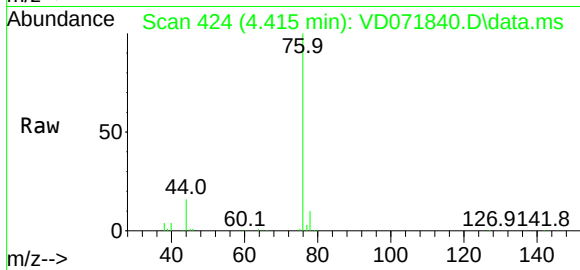




#17
Carbon Disulfide
Concen: 19.963 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

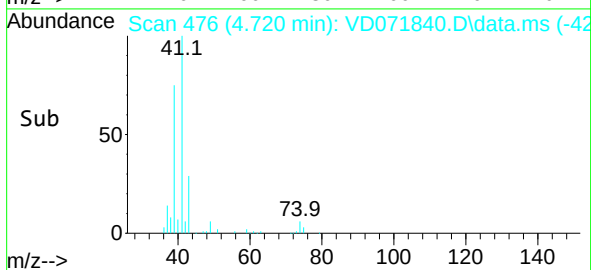
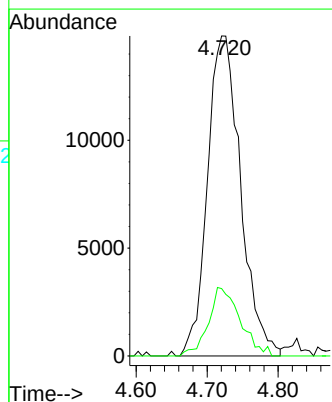
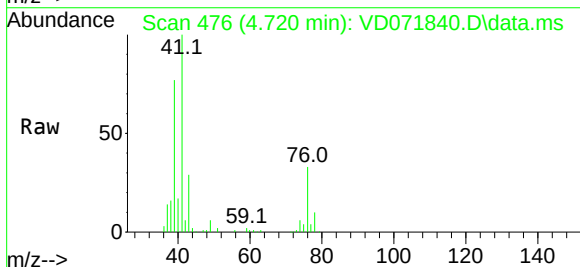
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

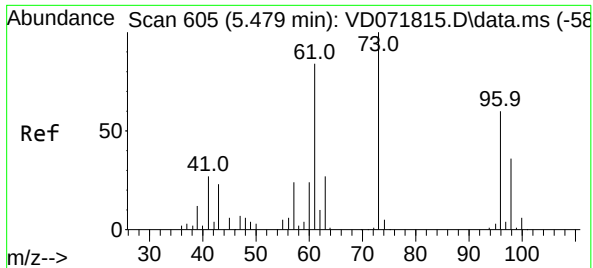
Tgt Ion: 76 Resp: 295799
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3



#18
Methyl Acetate
Concen: 16.618 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion: 43 Resp: 48084
Ion Ratio Lower Upper
43 100
74 20.5 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 17.885 ug/l

RT: 5.485 min Scan# 605

Delta R.T. 0.006 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

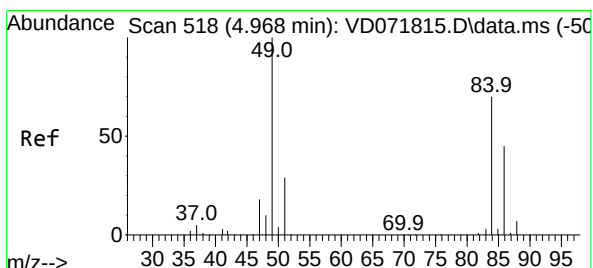
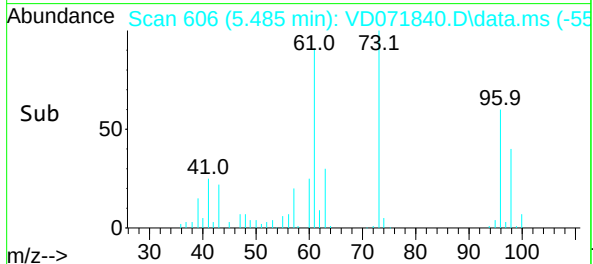
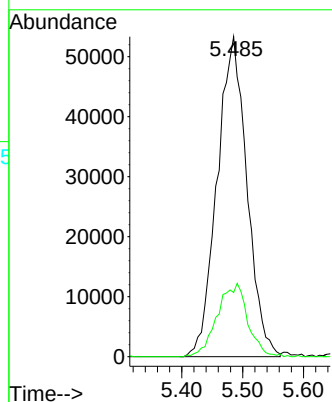
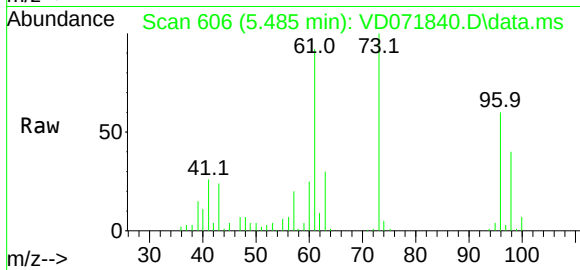
VD0131SBS02

Tgt Ion: 73 Resp: 181816

Ion Ratio Lower Upper

73 100

57 20.1 18.0 27.0



#20

Methylene Chloride

Concen: 18.126 ug/l

RT: 4.973 min Scan# 519

Delta R.T. 0.006 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

Tgt Ion: 84 Resp: 100190

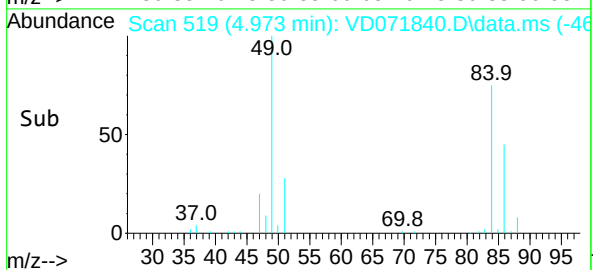
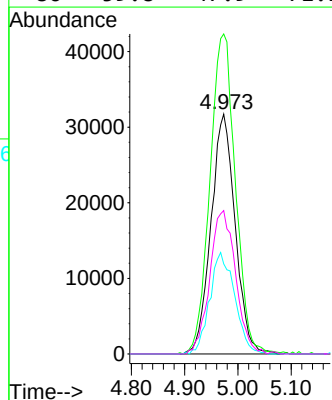
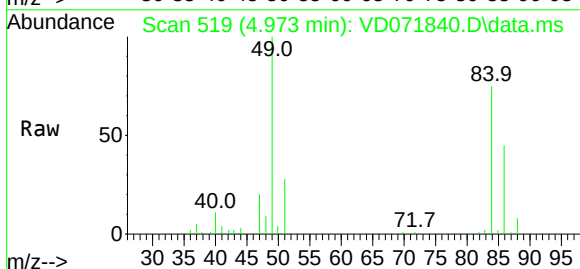
Ion Ratio Lower Upper

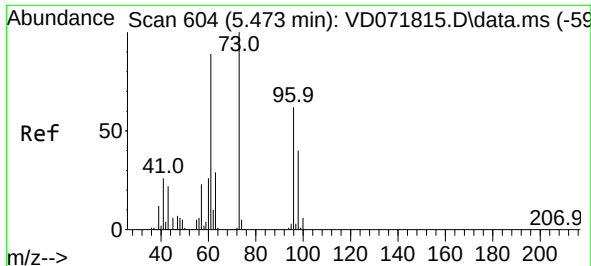
84 100

49 132.9 112.8 169.2

51 37.6 32.6 48.8

86 59.8 47.9 71.9

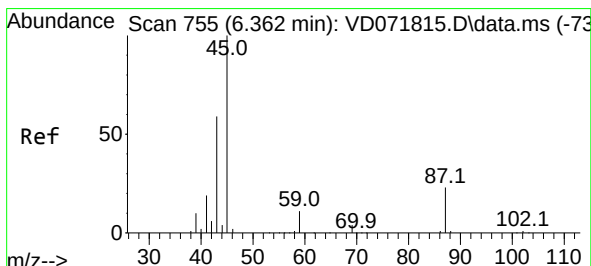
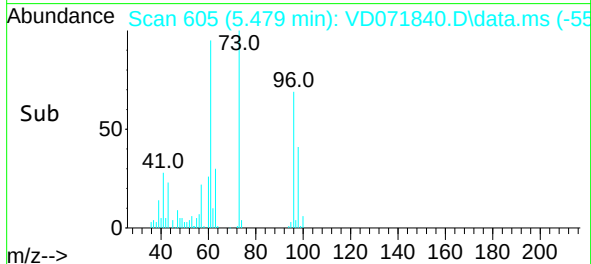
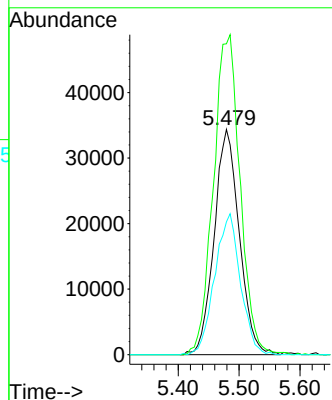
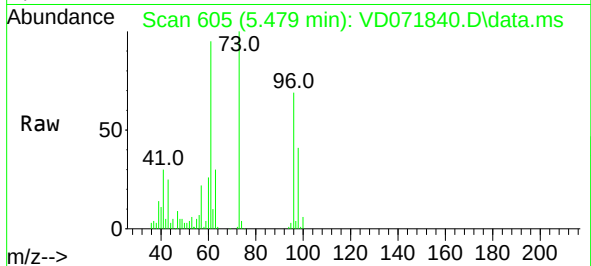




#21
trans-1,2-Dichloroethene
Concen: 19.890 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

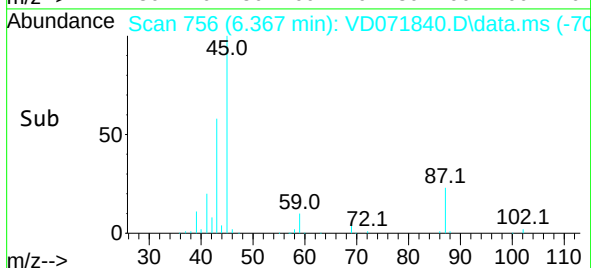
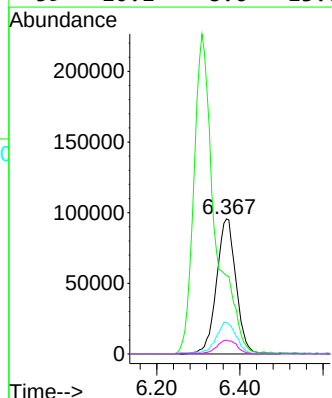
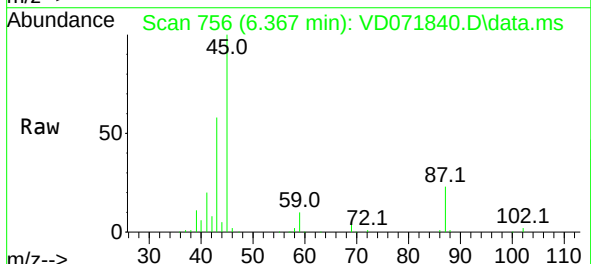
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

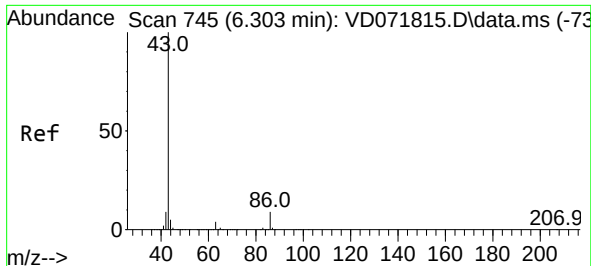
Tgt Ion: 96 Resp: 98395
Ion Ratio Lower Upper
96 100
61 138.0 117.9 176.9
98 58.9 49.4 74.2



#22
Diisopropyl ether
Concen: 19.617 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.006 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion: 45 Resp: 311439
Ion Ratio Lower Upper
45 100
43 56.7 46.6 70.0
87 23.2 18.4 27.6
59 10.1 8.6 13.0

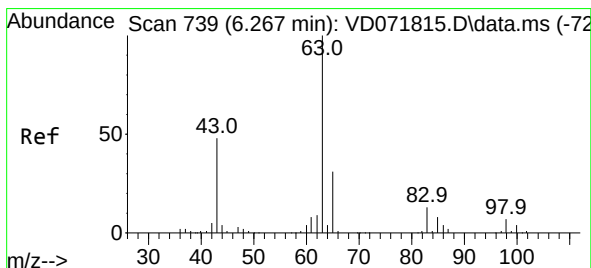
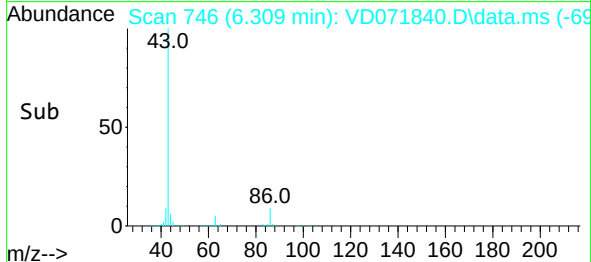
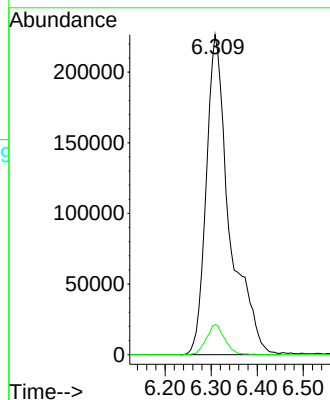
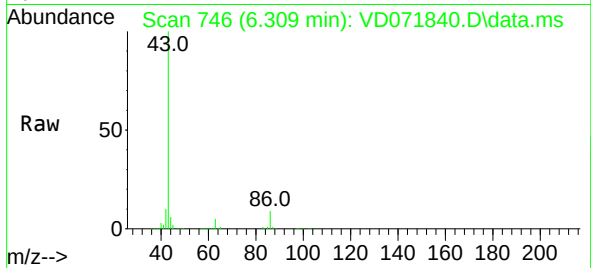




#23
 Vinyl Acetate
 Concen: 91.192 ug/l
 RT: 6.309 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD071840.D
 Acq: 31 Jan 2022 12:35

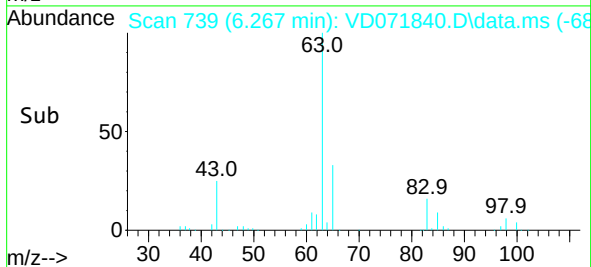
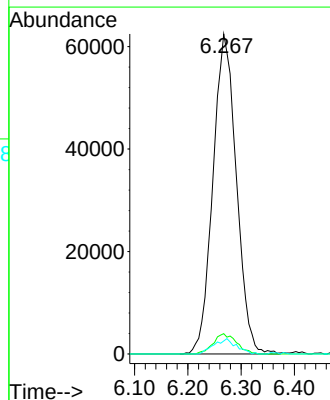
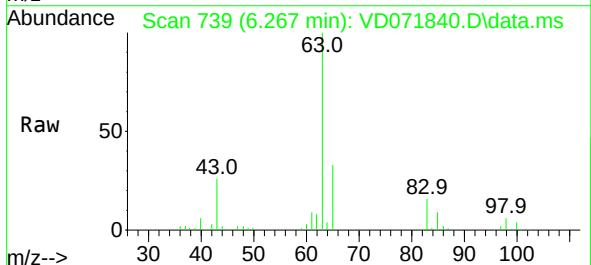
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBS02

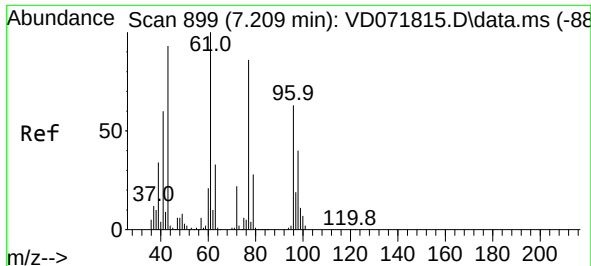
Tgt Ion: 43 Resp: 798666
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 20.664 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD071840.D
 Acq: 31 Jan 2022 12:35

Tgt Ion: 63 Resp: 191216
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.9
 100 4.0 2.1 6.5

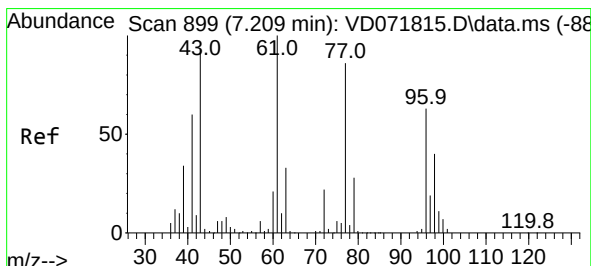
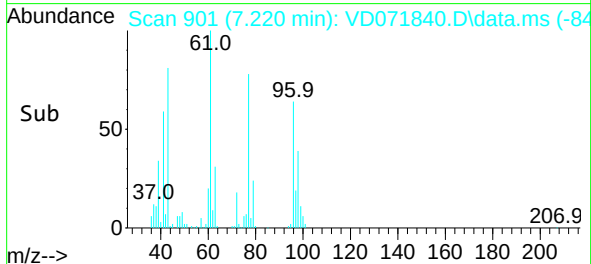
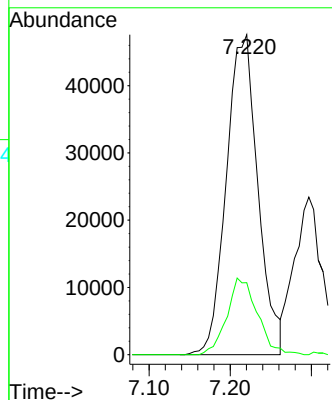
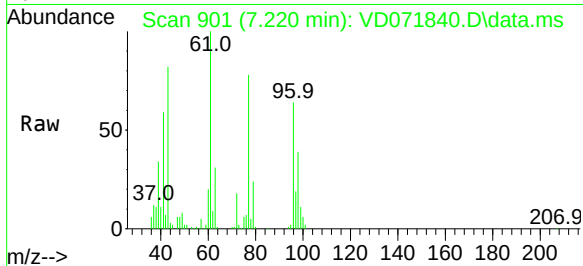




#25
2-Butanone
Concen: 82.476 ug/l
RT: 7.220 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

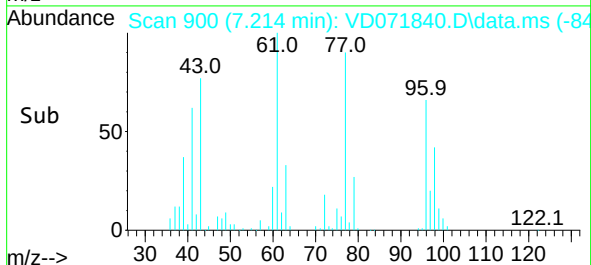
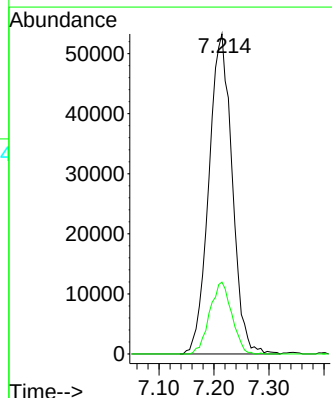
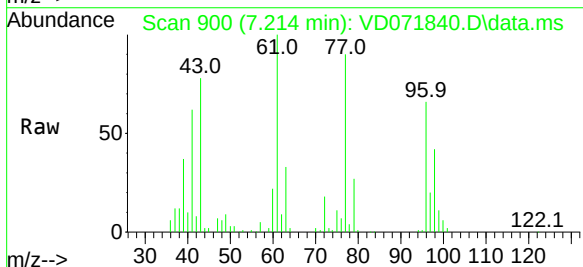
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

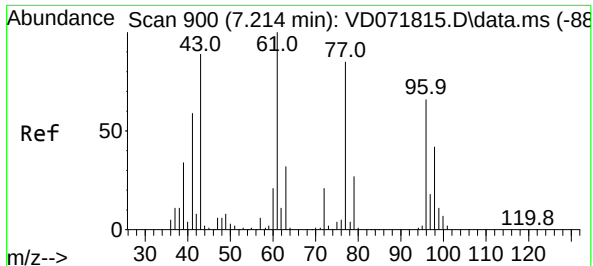
Tgt Ion: 43 Resp: 128674
Ion Ratio Lower Upper
43 100
72 22.5 18.6 27.8



#26
2,2-Dichloropropane
Concen: 20.470 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion: 77 Resp: 156747
Ion Ratio Lower Upper
77 100
97 21.2 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 19.716 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS02

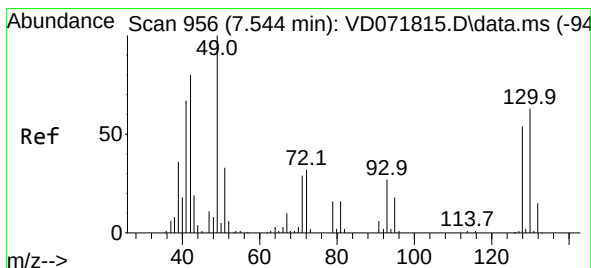
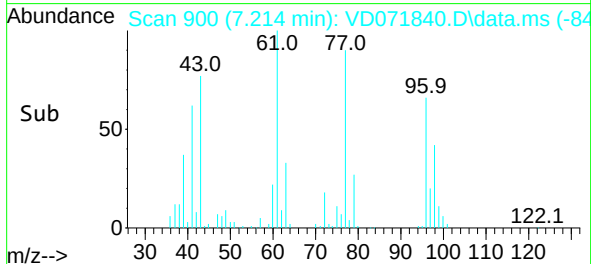
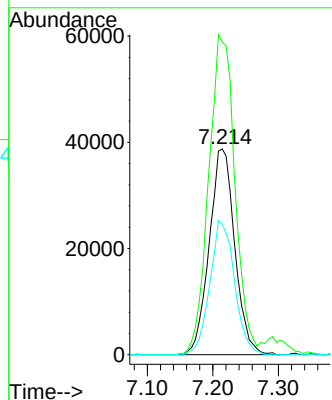
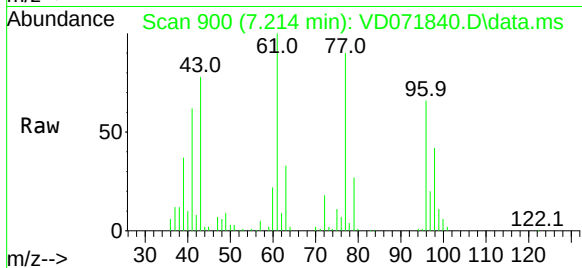
Tgt Ion: 96 Resp: 104759

Ion Ratio Lower Upper

96 100

61 159.5 0.0 313.8

98 62.9 0.0 128.8



#28

Bromochloromethane

Concen: 17.613 ug/l

RT: 7.550 min Scan# 957

Delta R.T. 0.000 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

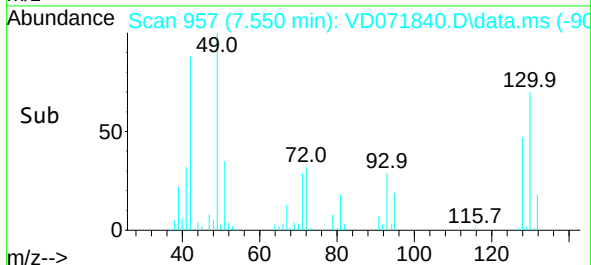
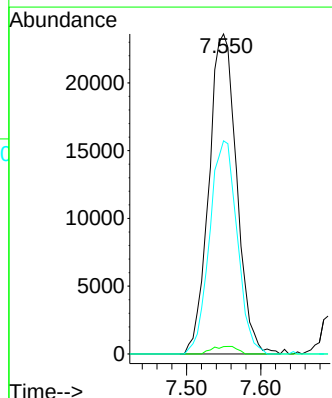
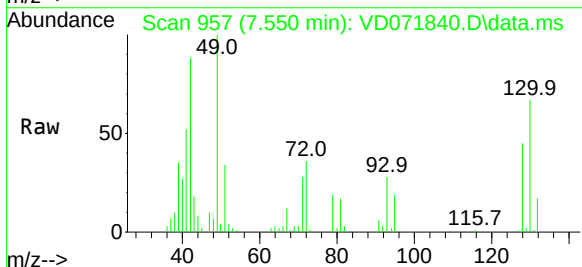
Tgt Ion: 49 Resp: 61473

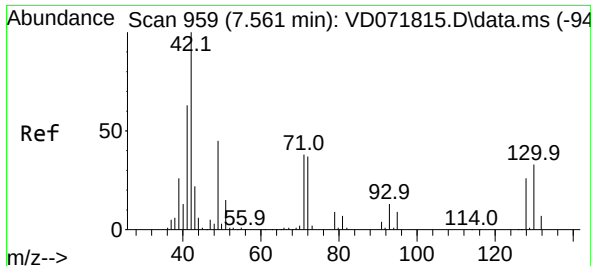
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 66.0 52.6 79.0





#29

Tetrahydrofuran

Concen: 84.532 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS02

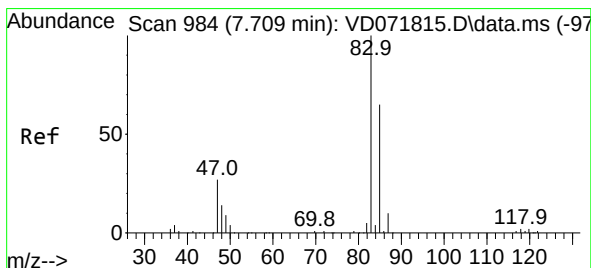
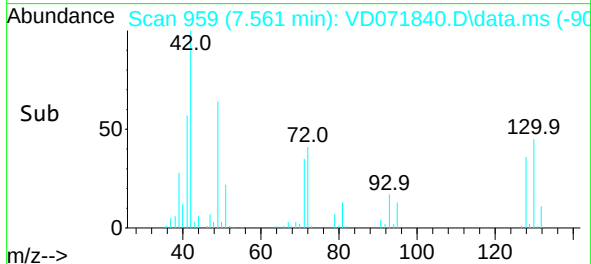
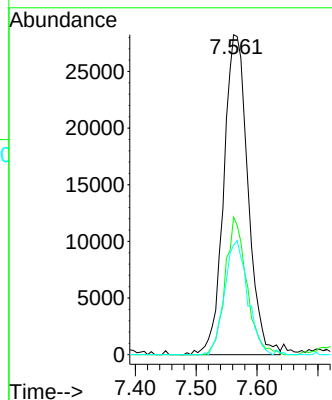
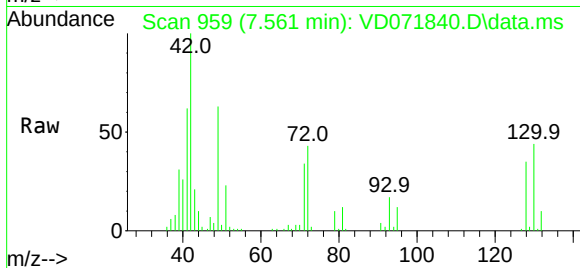
Tgt Ion: 42 Resp: 78033

Ion Ratio Lower Upper

42 100

72 38.1 30.7 46.1

71 34.0 28.6 43.0



#30

Chloroform

Concen: 19.794 ug/l

RT: 7.714 min Scan# 985

Delta R.T. 0.006 min

Lab File: VD071840.D

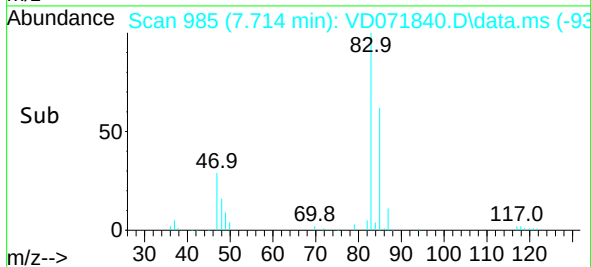
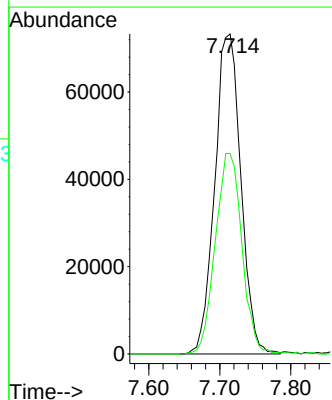
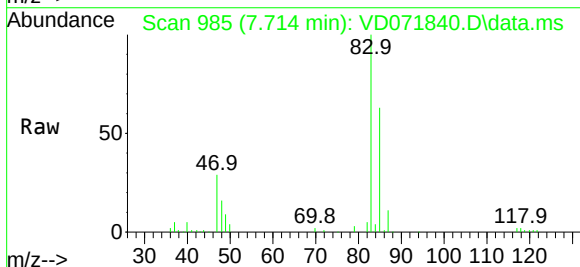
Acq: 31 Jan 2022 12:35

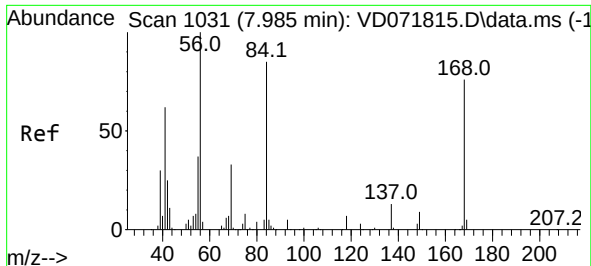
Tgt Ion: 83 Resp: 187122

Ion Ratio Lower Upper

83 100

85 62.7 52.7 79.1

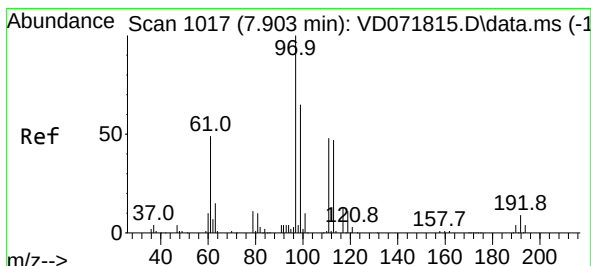
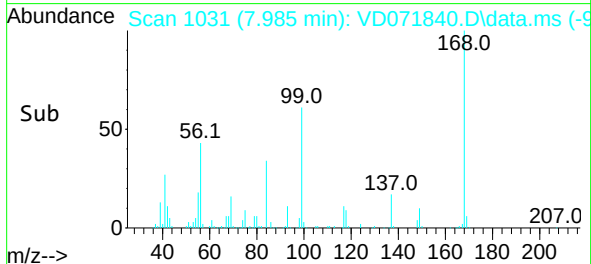
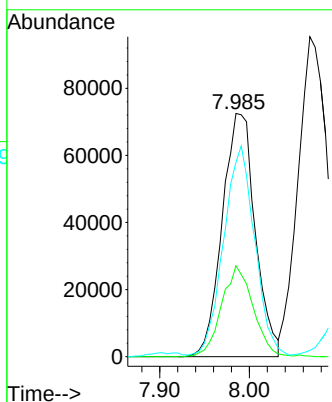
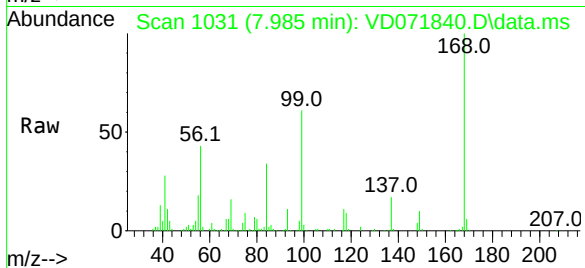




#31
Cyclohexane
Concen: 19.797 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

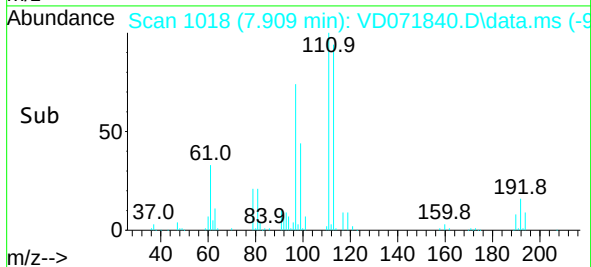
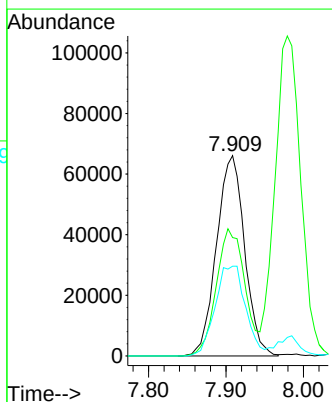
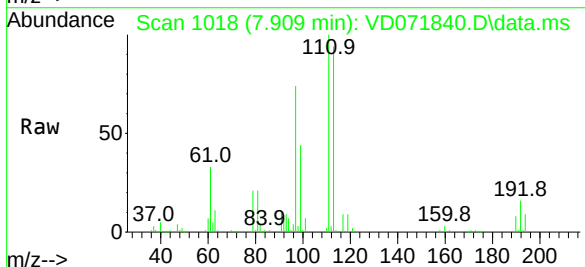
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

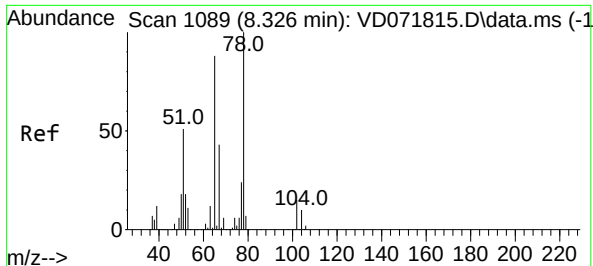
Tgt Ion: 56 Resp: 184773
Ion Ratio Lower Upper
56 100
69 37.4 25.4 38.2
84 78.4 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 20.003 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion: 97 Resp: 166795
Ion Ratio Lower Upper
97 100
99 65.1 52.4 78.6
61 48.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 50.631 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

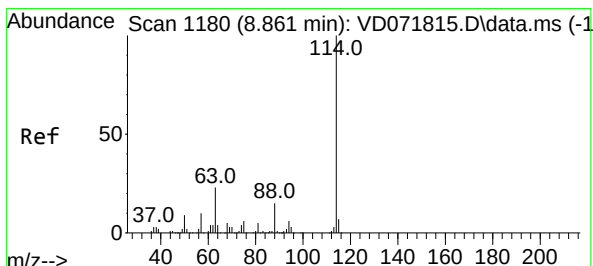
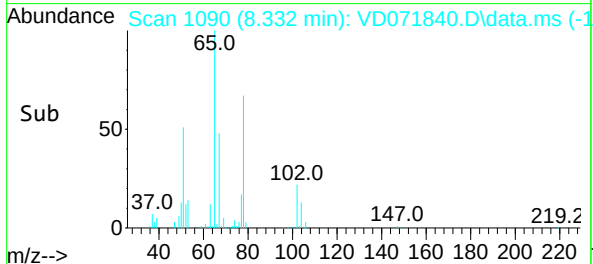
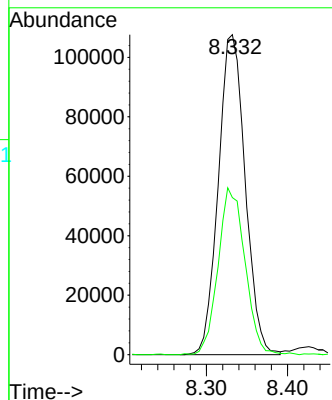
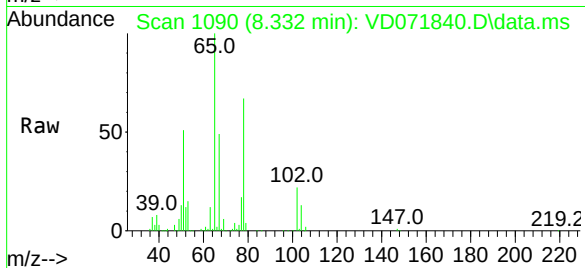
VD0131SBS02

Tgt Ion: 65 Resp: 247531

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

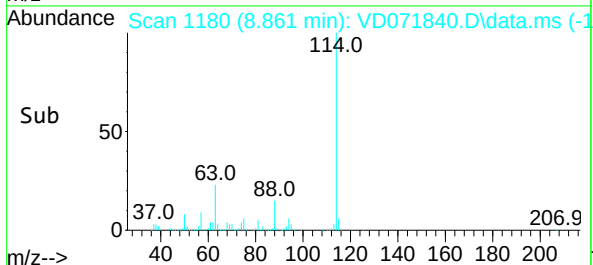
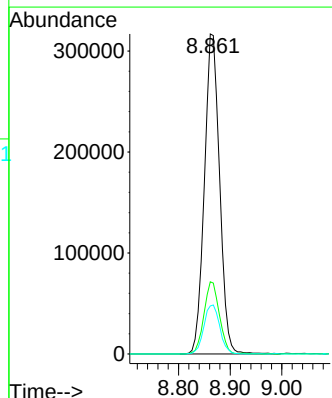
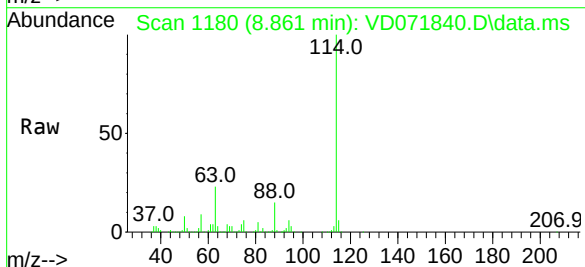
Tgt Ion: 114 Resp: 647909

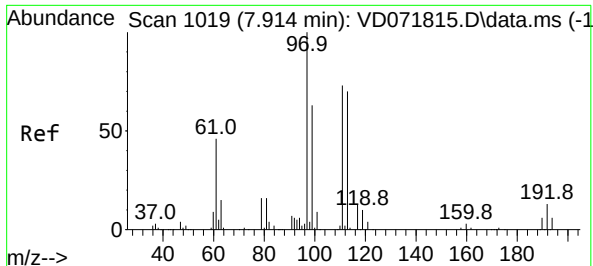
Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.6

88 15.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.086 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS02

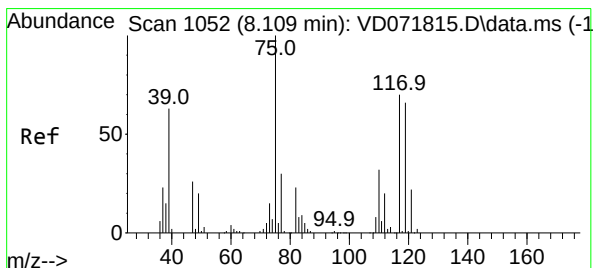
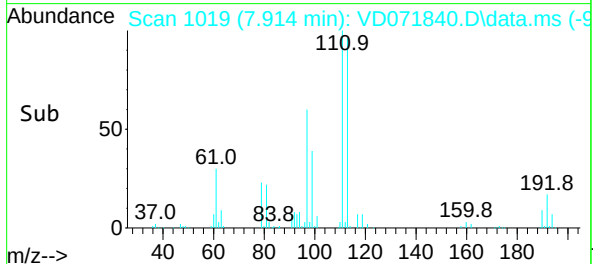
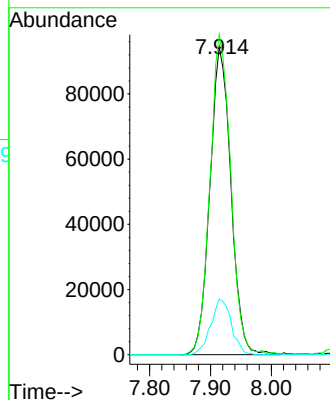
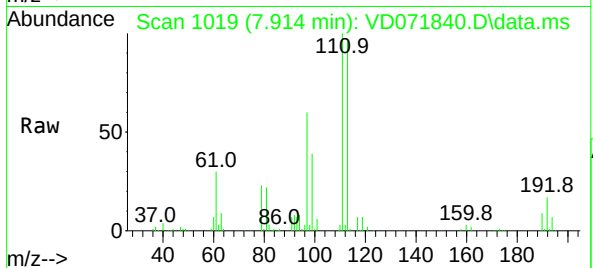
Tgt Ion:113 Resp: 226086

Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 17.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 20.263 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

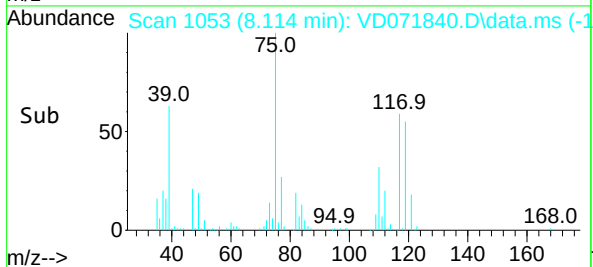
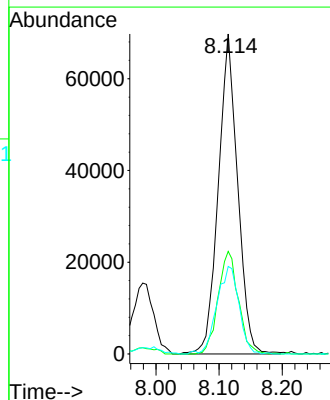
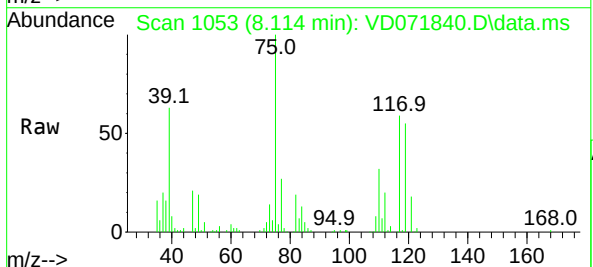
Tgt Ion: 75 Resp: 148114

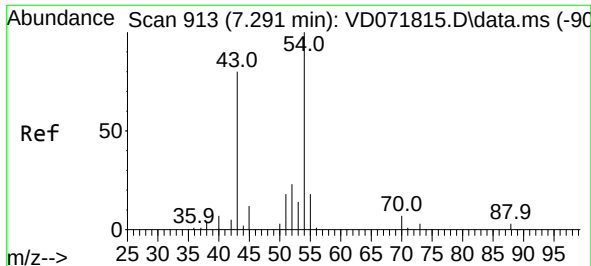
Ion Ratio Lower Upper

75 100

110 33.5 16.4 49.1

77 31.2 24.2 36.2





#37

Ethyl Acetate

Concen: 15.450 ug/l

RT: 7.297 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS02

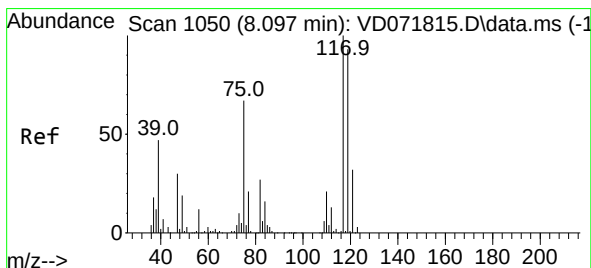
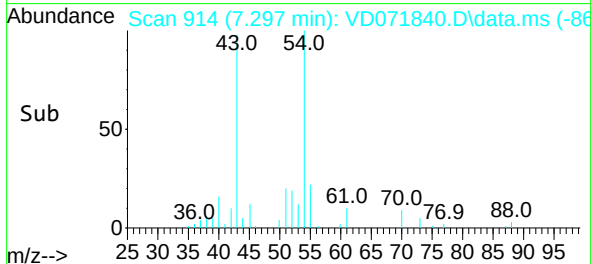
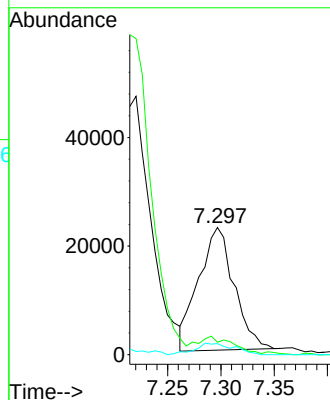
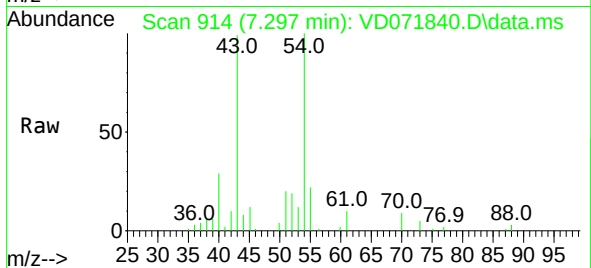
Tgt Ion: 43 Resp: 52507

Ion Ratio Lower Upper

43 100

61 10.9 9.8 14.8

70 10.2 6.9 10.3



#38

Carbon Tetrachloride

Concen: 19.998 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. 0.006 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

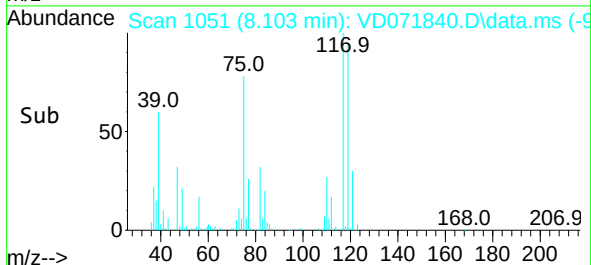
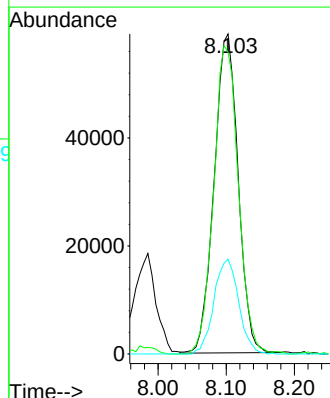
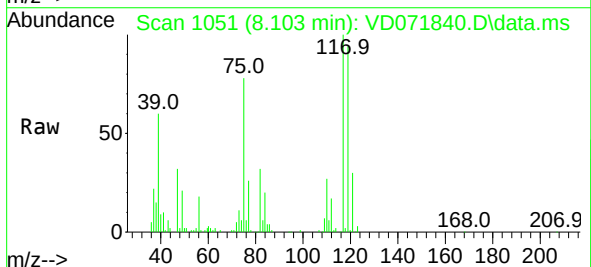
Tgt Ion:117 Resp: 144559

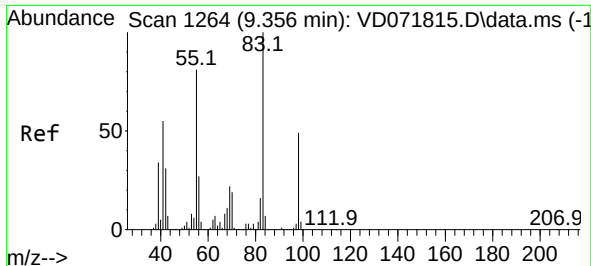
Ion Ratio Lower Upper

117 100

119 94.7 75.8 113.6

121 29.8 24.5 36.7





#39

Methylcyclohexane

Concen: 19.875 ug/l

RT: 9.355 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS02

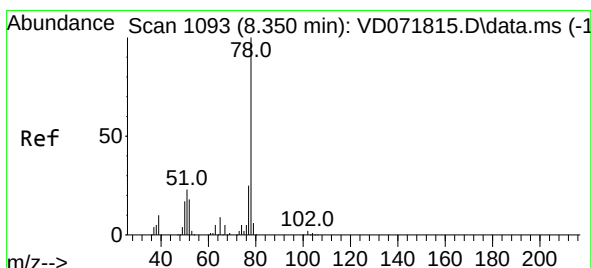
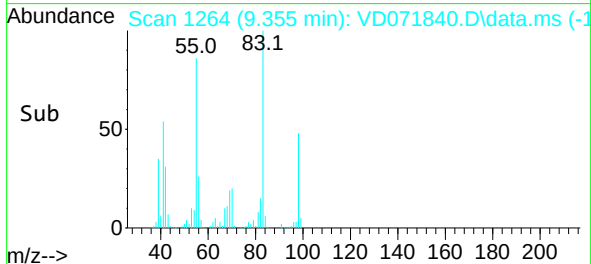
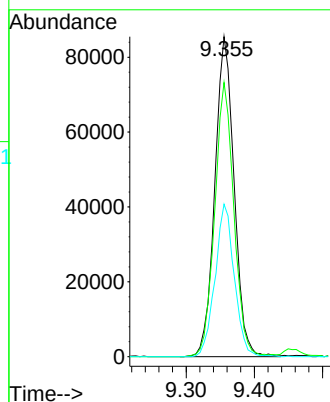
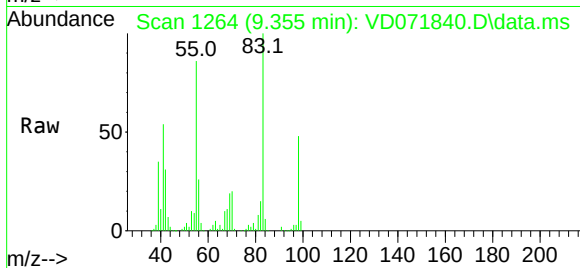
Tgt Ion: 83 Resp: 168334

Ion Ratio Lower Upper

83 100

55 85.7 63.2 94.8

98 47.6 38.2 57.4



#40

Benzene

Concen: 20.125 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD071840.D

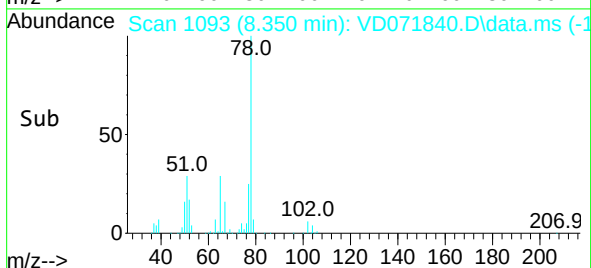
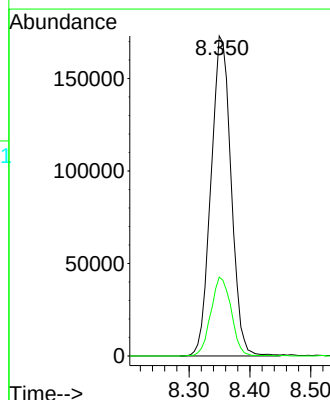
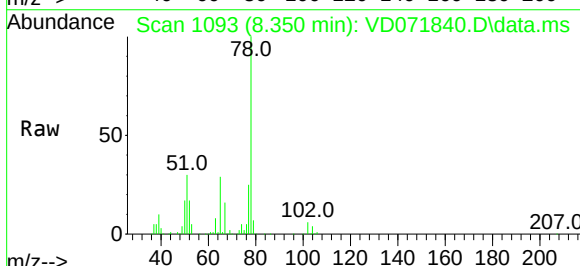
Acq: 31 Jan 2022 12:35

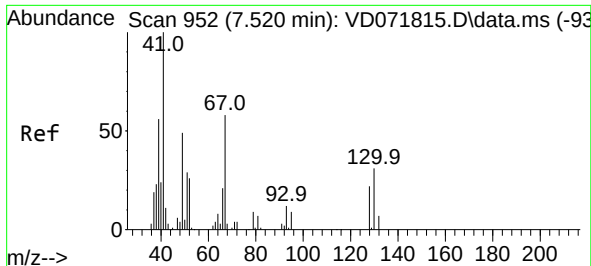
Tgt Ion: 78 Resp: 397107

Ion Ratio Lower Upper

78 100

77 24.6 19.1 28.7

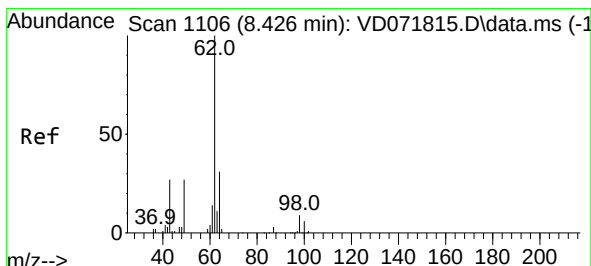
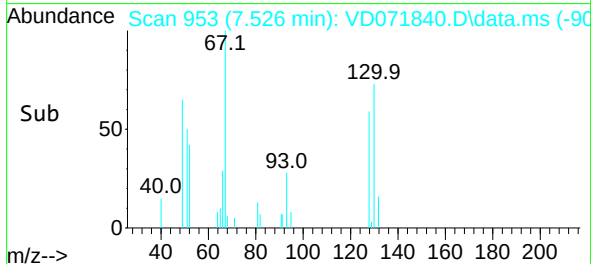
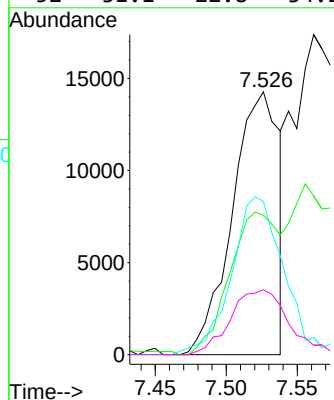
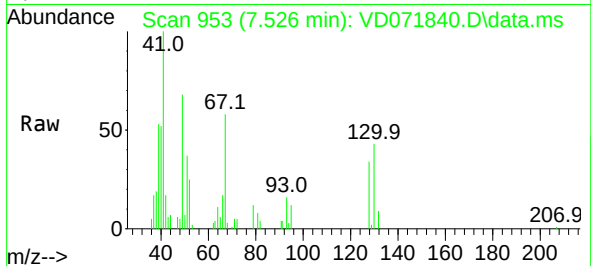




#41
Methacrylonitrile
Concen: 16.964 ug/l
RT: 7.526 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

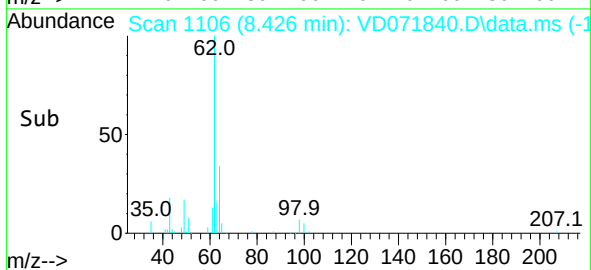
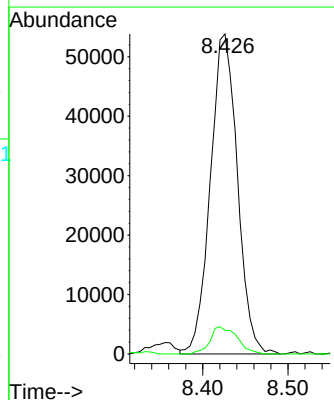
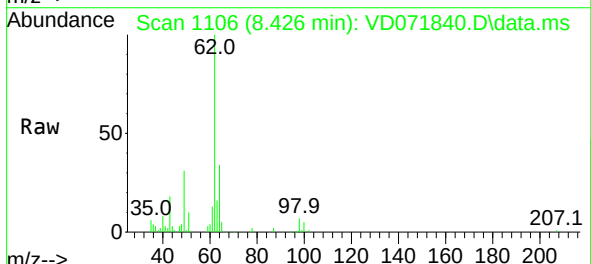
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

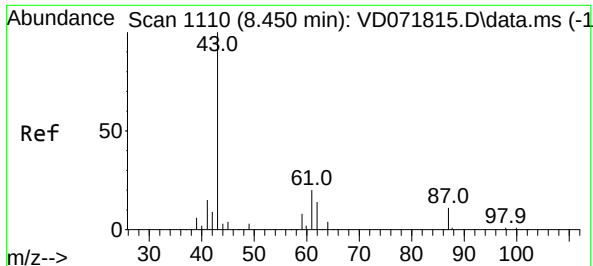
Tgt Ion:	41	Resp:	32615
Ion	Ratio	Lower	Upper
41	100		
39	56.8	44.6	67.0
67	67.5	48.2	72.4
52	31.1	22.8	34.2



#42
1,2-Dichloroethane
Concen: 19.087 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion:	62	Resp:	118922
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6

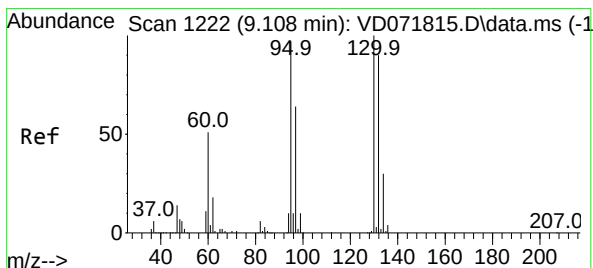
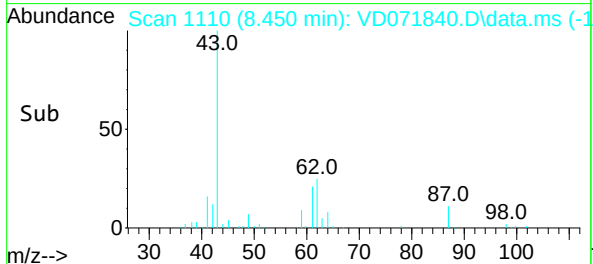
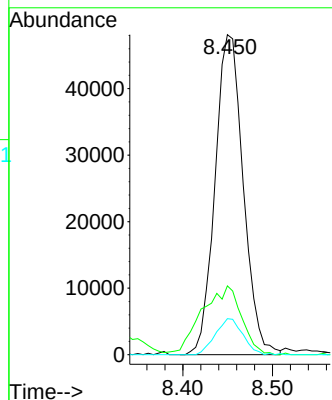
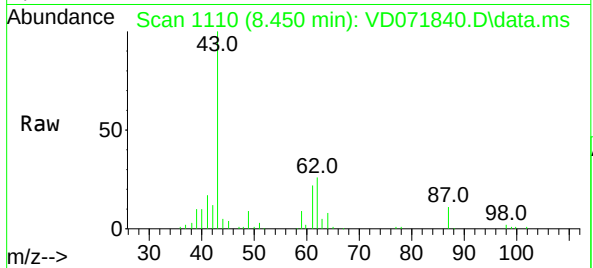




#43
Isopropyl Acetate
Concen: 17.208 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

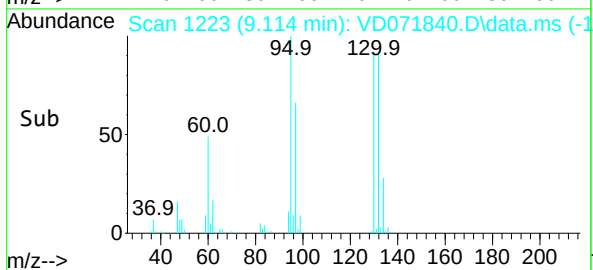
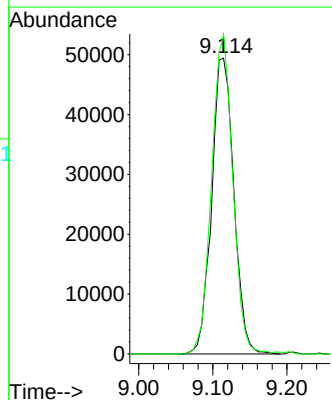
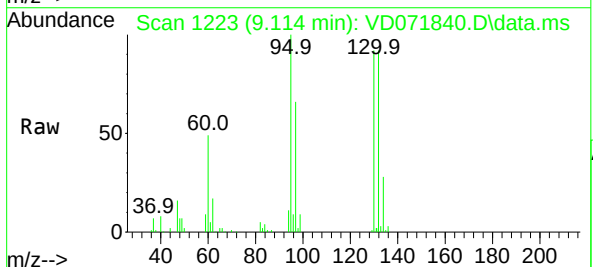
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

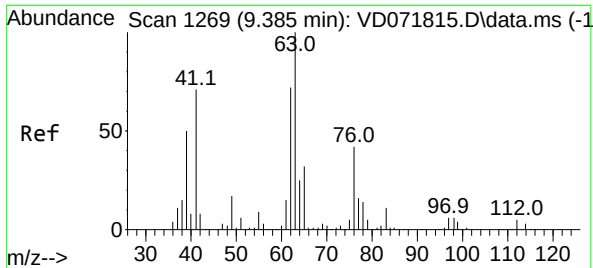
Tgt Ion: 43 Resp: 105109
Ion Ratio Lower Upper
43 100
61 30.2 22.4 33.6
87 11.0 8.7 13.1



#44
Trichloroethene
Concen: 20.153 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion: 130 Resp: 102674
Ion Ratio Lower Upper
130 100
95 108.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 20.242 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

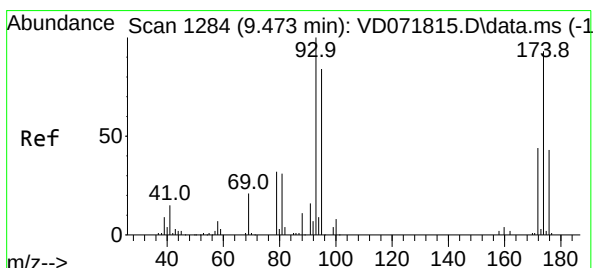
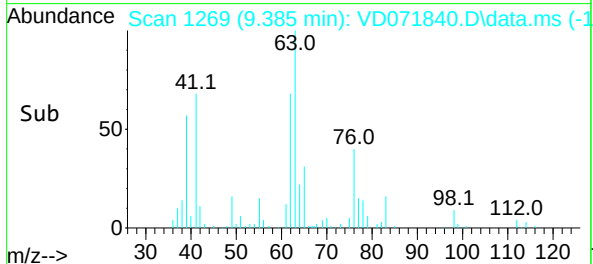
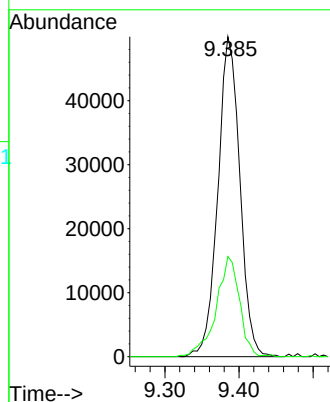
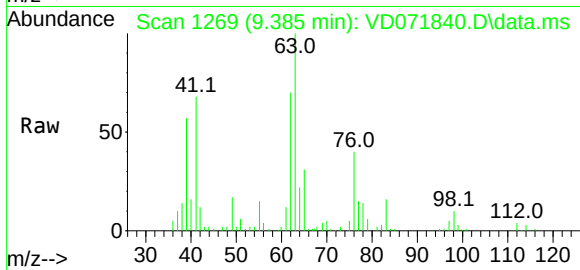
VD0131SBS02

Tgt Ion: 63 Resp: 102987

Ion Ratio Lower Upper

63 100

65 31.3 26.2 39.4



#46

Dibromomethane

Concen: 19.389 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

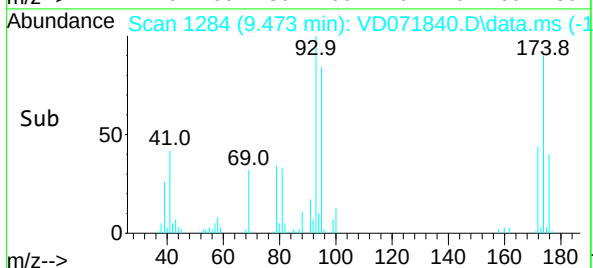
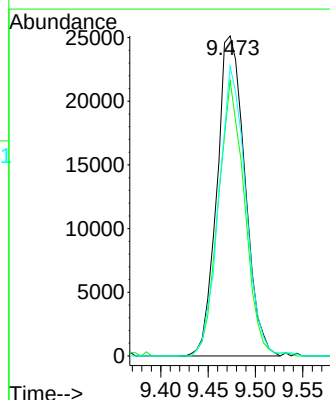
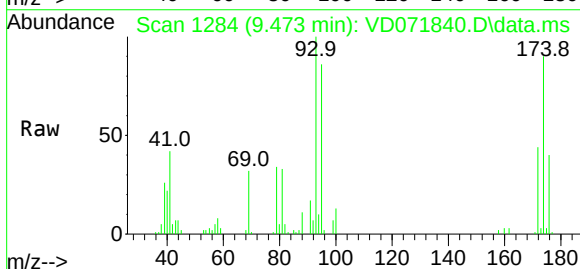
Tgt Ion: 93 Resp: 51653

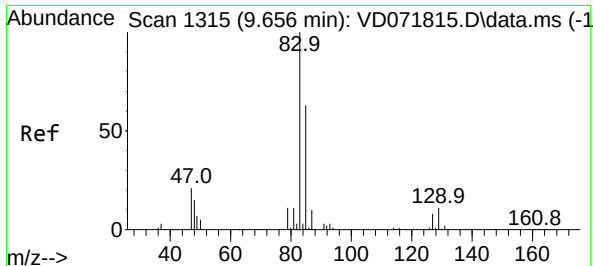
Ion Ratio Lower Upper

93 100

95 80.7 66.7 100.1

174 87.2 71.6 107.4

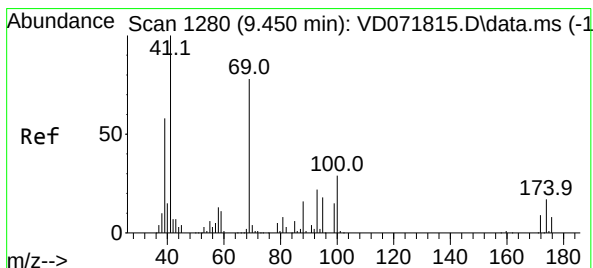
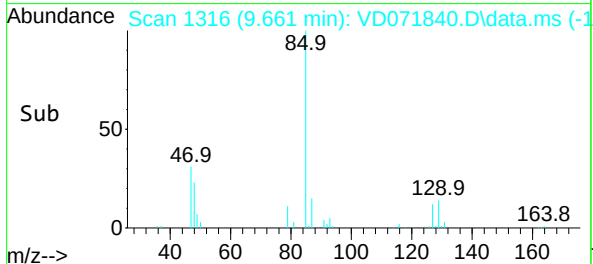
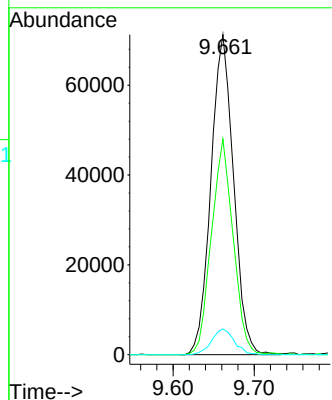
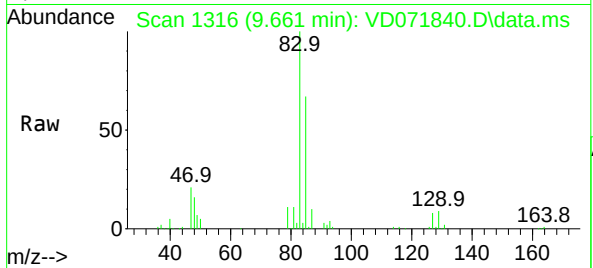




#47
Bromodichloromethane
Concen: 19.606 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

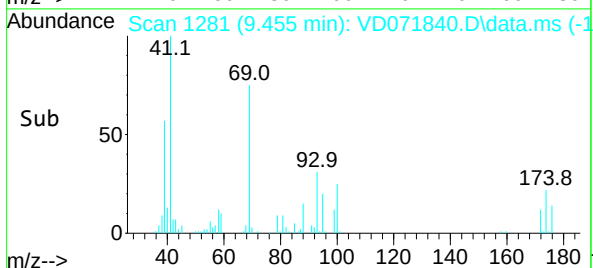
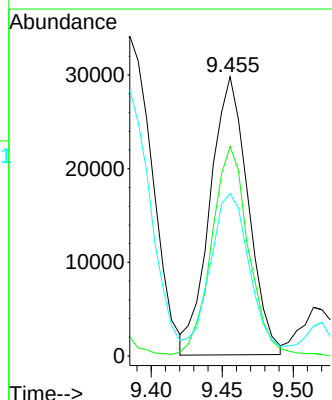
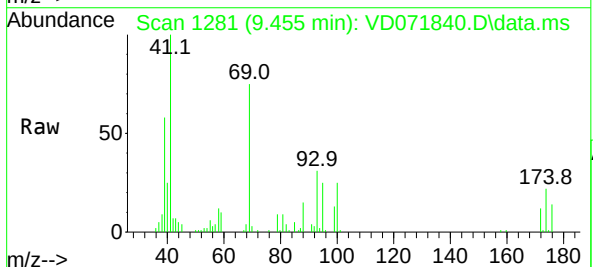
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

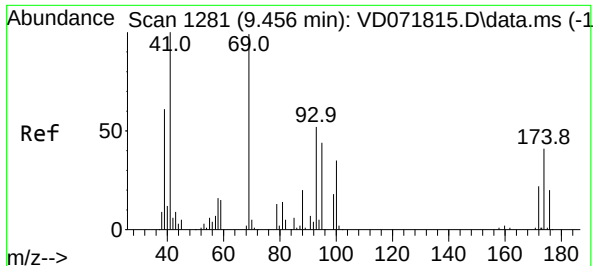
Tgt Ion: 83 Resp: 138131
Ion Ratio Lower Upper
83 100
85 67.3 51.4 77.0
127 8.1 6.1 9.1



#48
Methyl methacrylate
Concen: 17.139 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion: 41 Resp: 55405
Ion Ratio Lower Upper
41 100
69 73.3 56.7 85.1
39 53.7 42.7 64.1





#49

1,4-Dioxane

Concen: 311.018 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS02

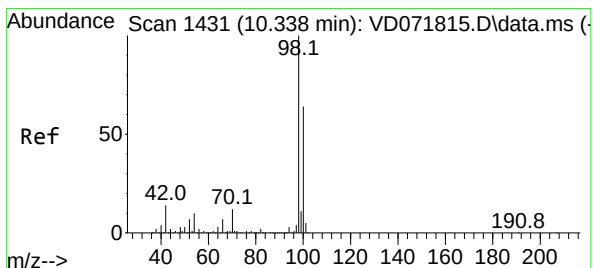
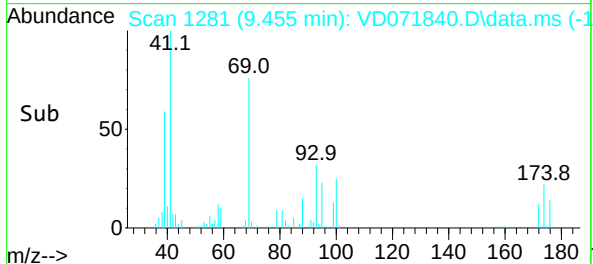
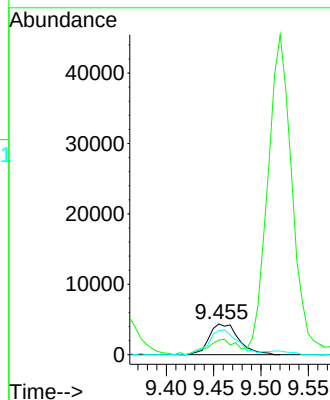
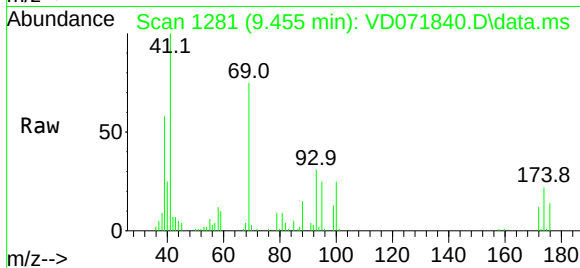
Tgt Ion: 88 Resp: 9457

Ion Ratio Lower Upper

88 100

43 50.6 31.0 46.4#

58 78.9 58.1 87.1



#50

Toluene-d8

Concen: 54.244 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VD071840.D

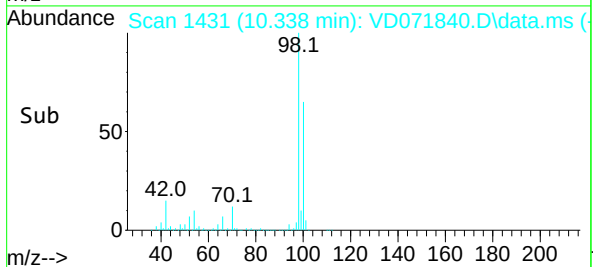
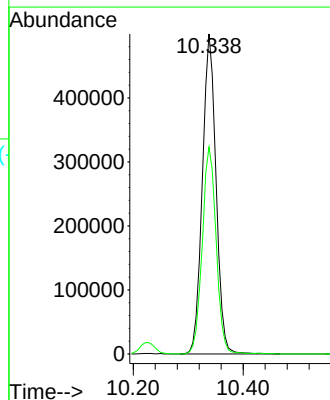
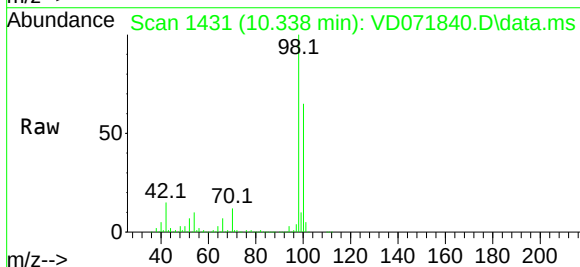
Acq: 31 Jan 2022 12:35

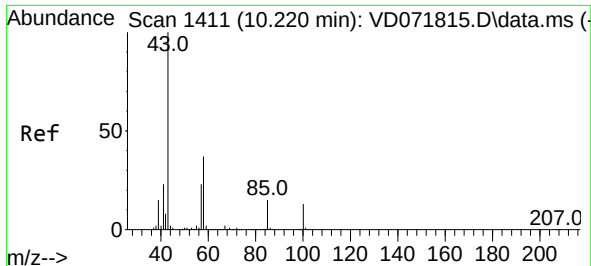
Tgt Ion: 98 Resp: 862778

Ion Ratio Lower Upper

98 100

100 66.0 52.4 78.6

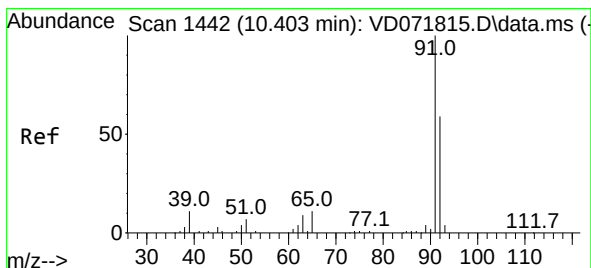
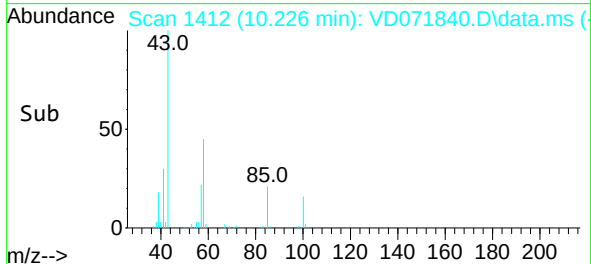
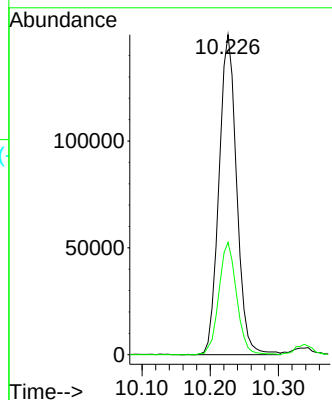
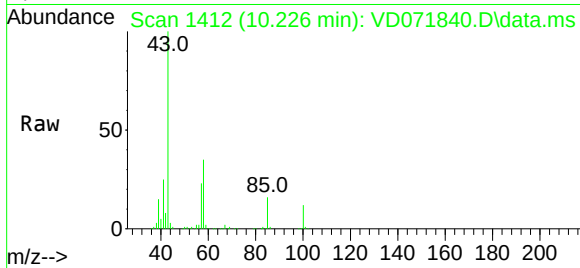




#51
4-Methyl-2-Pentanone
Concen: 84.610 ug/l
RT: 10.226 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

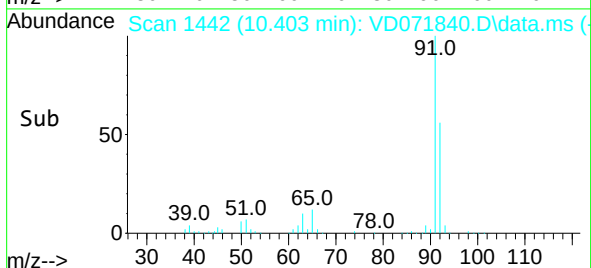
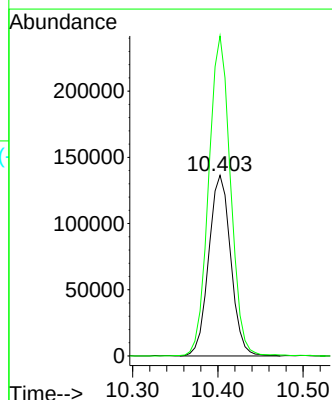
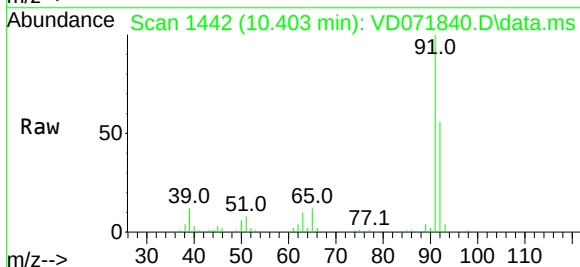
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

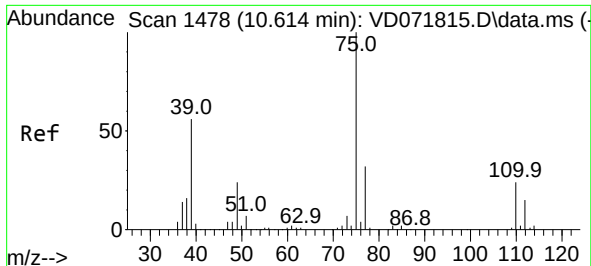
Tgt Ion: 43 Resp: 270451
Ion Ratio Lower Upper
43 100
58 35.3 28.6 43.0



#52
Toluene
Concen: 19.988 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion: 92 Resp: 245243
Ion Ratio Lower Upper
92 100
91 176.1 139.6 209.4

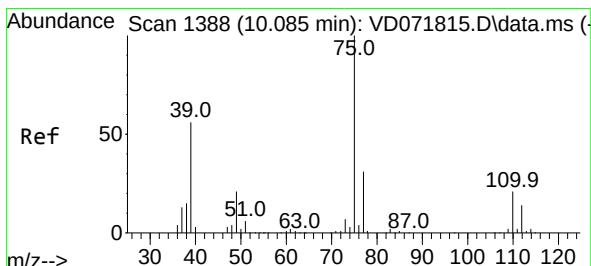
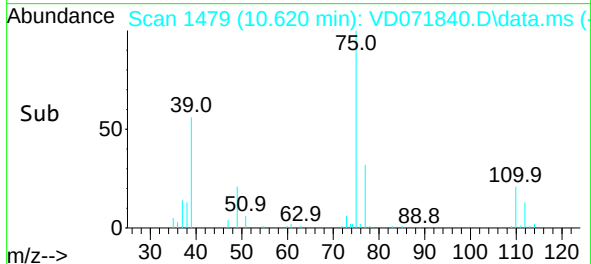
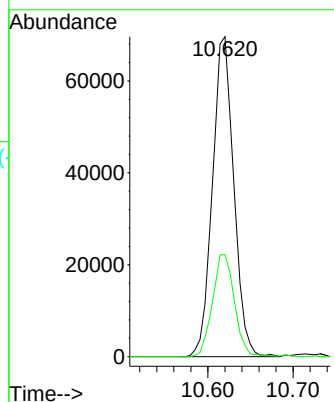
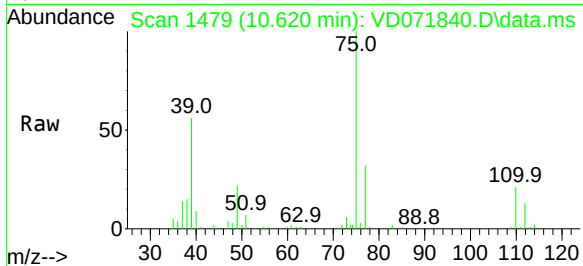




#53
 t-1,3-Dichloropropene
 Concen: 18.731 ug/l
 RT: 10.620 min Scan# 1478
 Delta R.T. 0.006 min
 Lab File: VD071840.D
 Acq: 31 Jan 2022 12:35

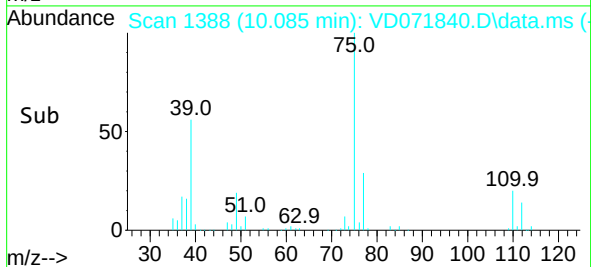
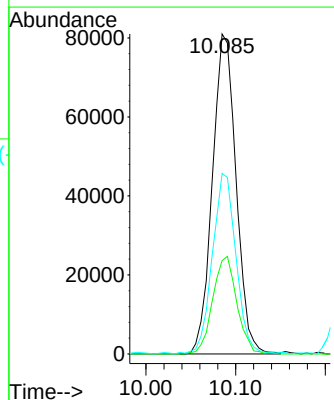
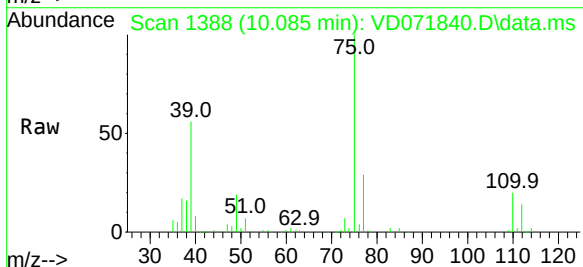
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBS02

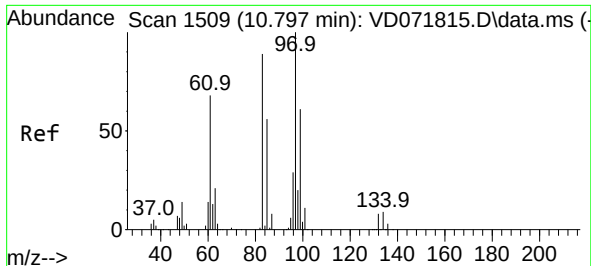
Tgt Ion: 75 Resp: 121209
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.593 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. 0.000 min
 Lab File: VD071840.D
 Acq: 31 Jan 2022 12:35

Tgt Ion: 75 Resp: 148612
 Ion Ratio Lower Upper
 75 100
 77 29.2 24.8 37.2
 39 55.9 46.8 70.2

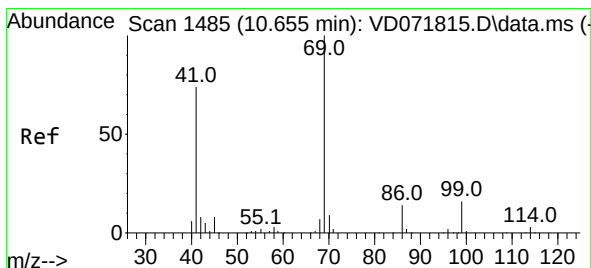
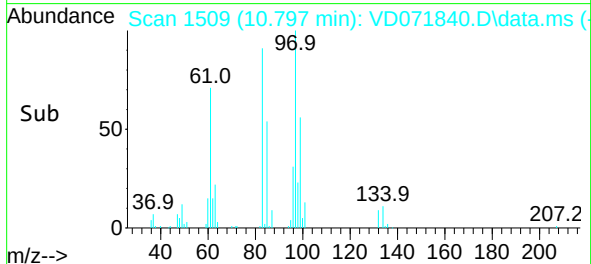
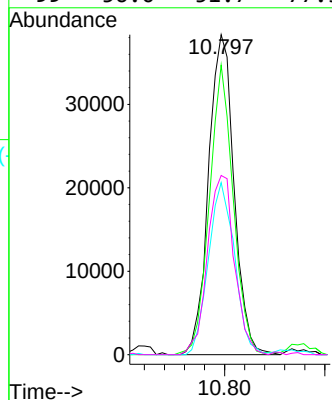
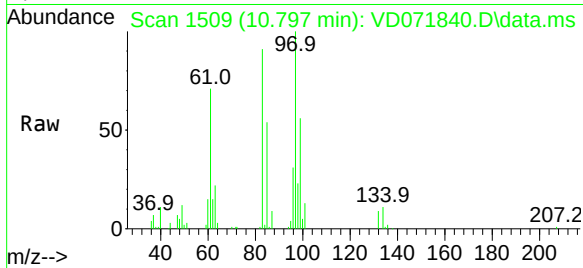




#55
1,1,2-Trichloroethane
Concen: 19.156 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

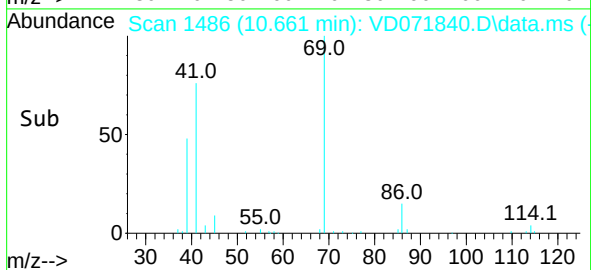
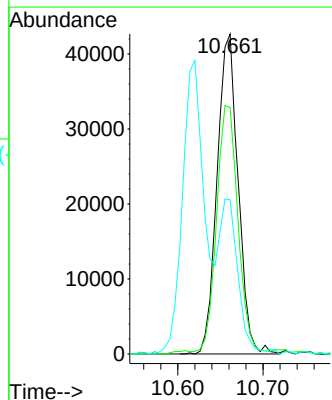
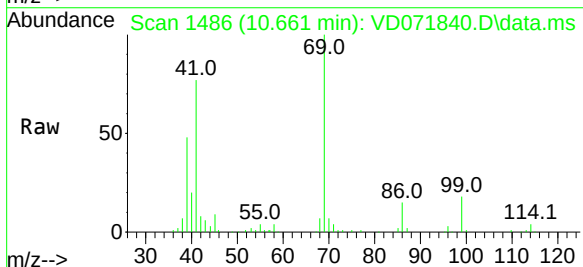
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

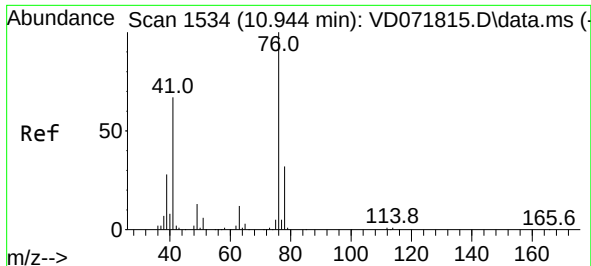
Tgt Ion: 97	Resp: 67728
Ion Ratio	Lower Upper
97 100	
83 89.9	69.0 103.4
85 53.8	42.6 63.8
99 56.0	51.7 77.5



#56
Ethyl methacrylate
Concen: 16.690 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion: 69	Resp: 73058
Ion Ratio	Lower Upper
69 100	
41 80.5	63.0 94.6
39 42.5	33.8 50.8





#57

1,3-Dichloropropane

Concen: 18.845 ug/l

RT: 10.944 min Scan# 1534

Delta R.T. 0.000 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

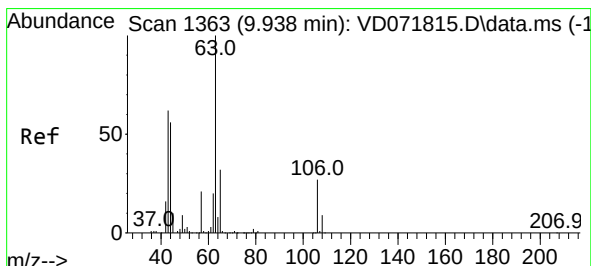
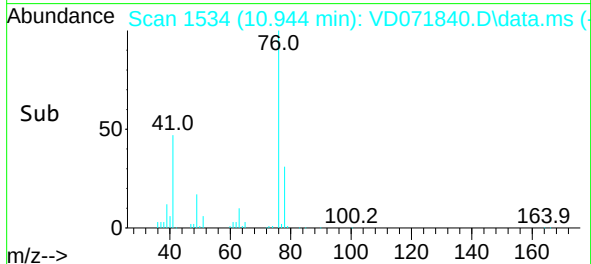
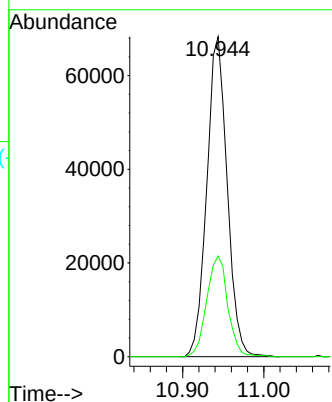
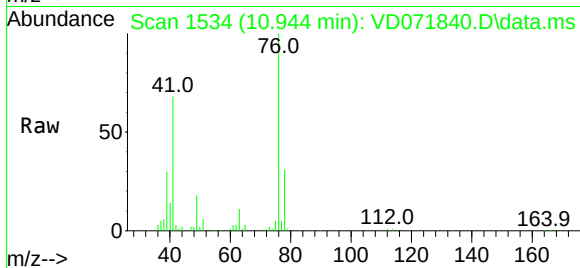
VD0131SBS02

Tgt Ion: 76 Resp: 118945

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 86.053 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD071840.D

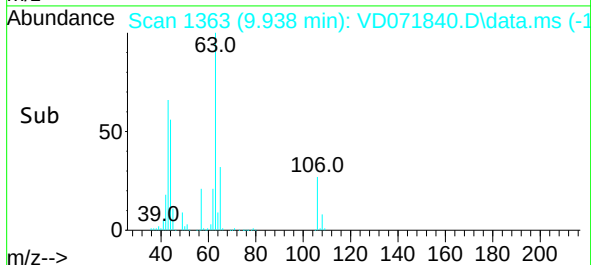
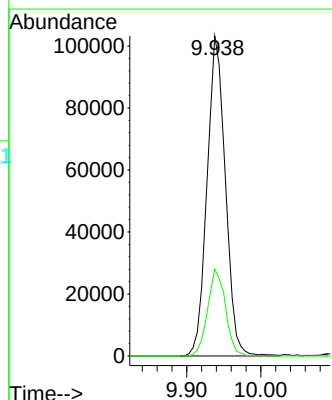
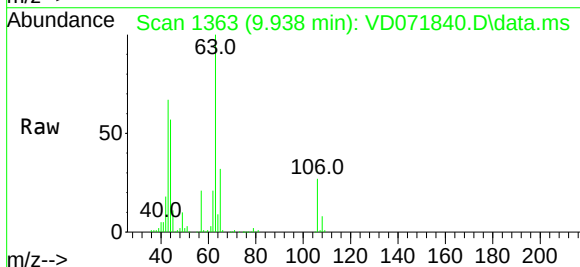
Acq: 31 Jan 2022 12:35

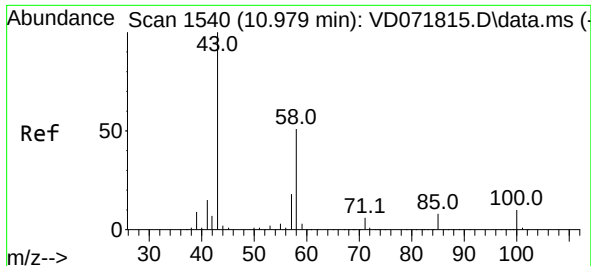
Tgt Ion: 63 Resp: 177329

Ion Ratio Lower Upper

63 100

106 26.4 21.4 32.0

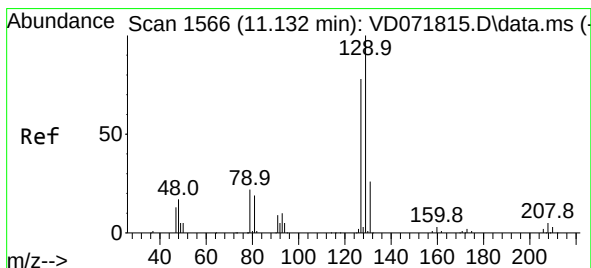
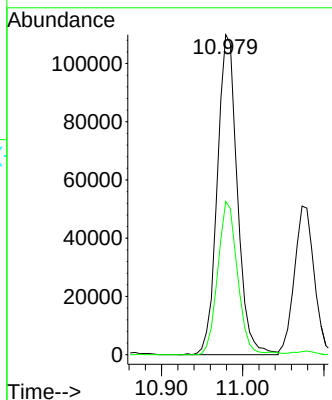
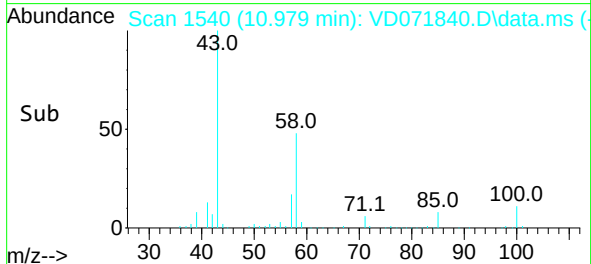
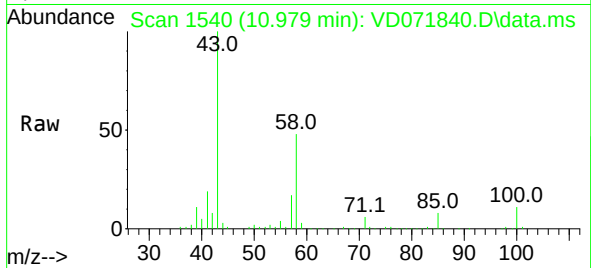




#59
2-Hexanone
Concen: 81.355 ug/l
RT: 10.979 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

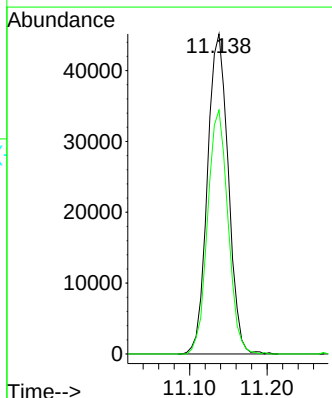
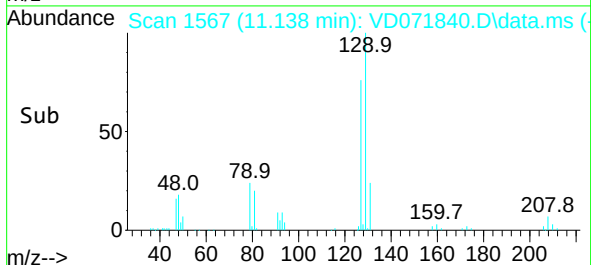
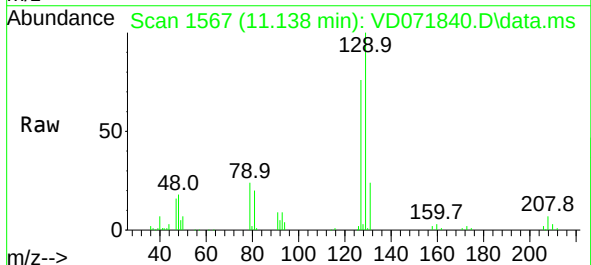
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

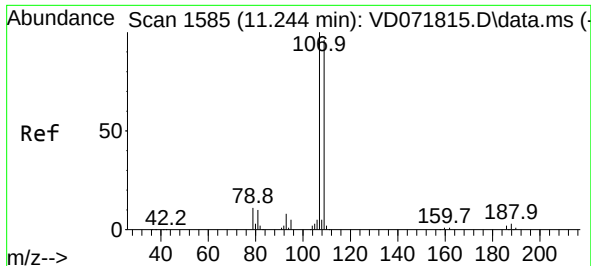
Tgt Ion: 43 Resp: 188743
Ion Ratio Lower Upper
43 100
58 47.3 25.3 75.9



#60
Dibromochloromethane
Concen: 19.279 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion: 129 Resp: 84173
Ion Ratio Lower Upper
129 100
127 74.6 39.2 117.6

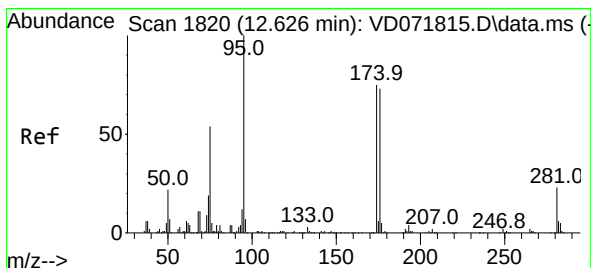
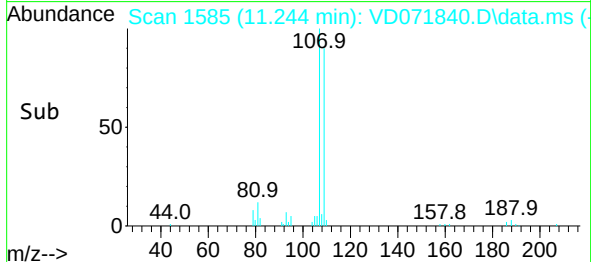
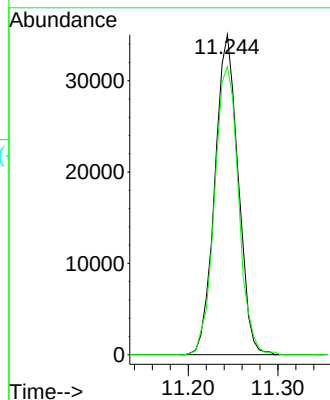
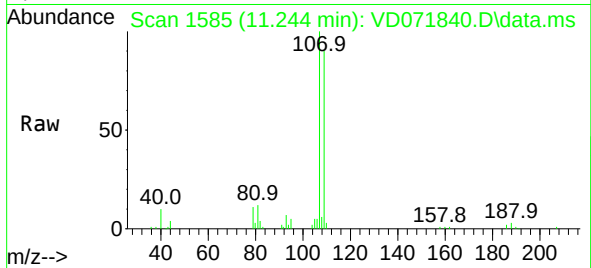




#61
1,2-Dibromoethane
Concen: 18.569 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

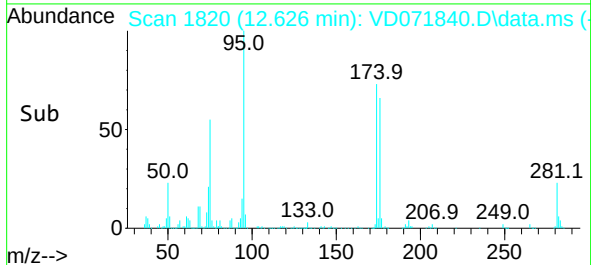
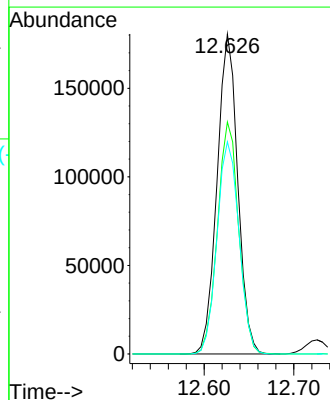
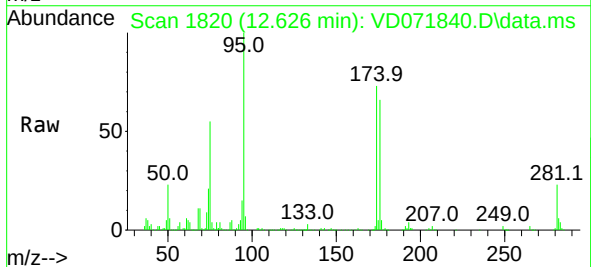
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

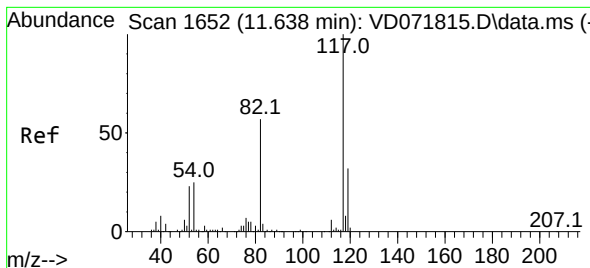
Tgt Ion:107 Resp: 63255
Ion Ratio Lower Upper
107 100
109 93.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 52.036 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion: 95 Resp: 289031
Ion Ratio Lower Upper
95 100
174 74.2 0.0 152.8
176 70.3 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.644 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS02

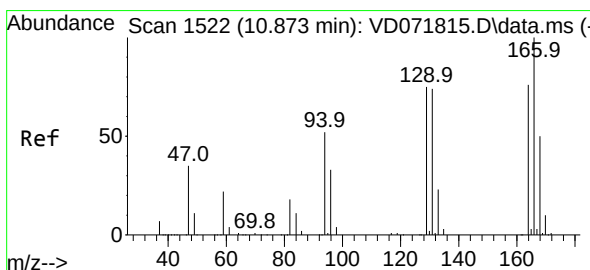
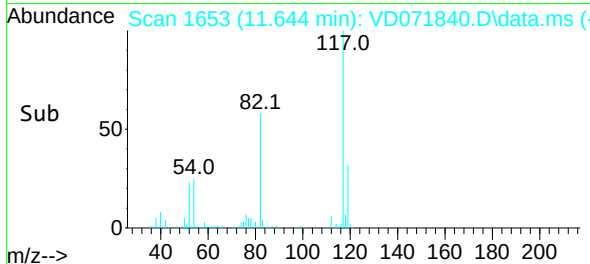
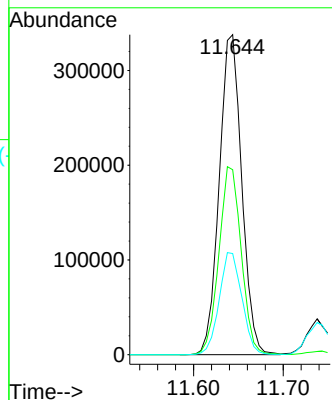
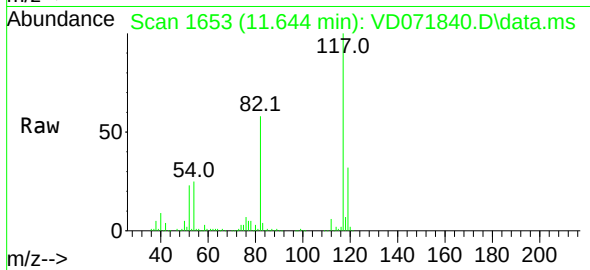
Tgt Ion:117 Resp: 588414

Ion Ratio Lower Upper

117 100

82 57.8 45.3 67.9

119 31.6 26.6 40.0



#64

Tetrachloroethene

Concen: 20.506 ug/l

RT: 10.873 min Scan# 1522

Delta R.T. 0.000 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

Tgt Ion:164 Resp: 85350

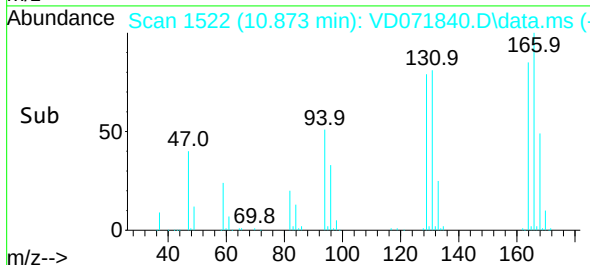
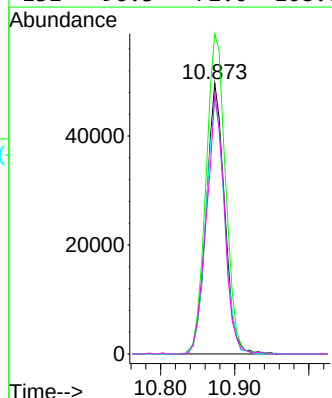
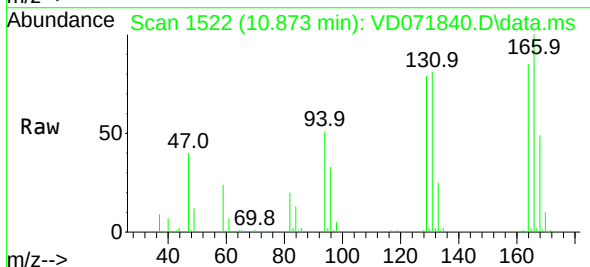
Ion Ratio Lower Upper

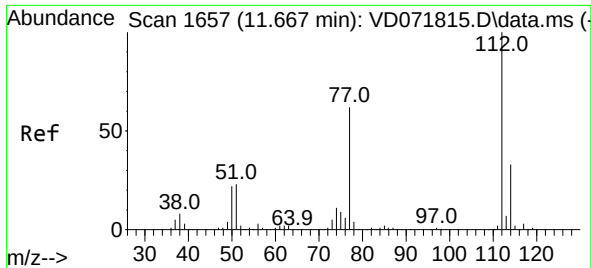
164 100

166 118.3 98.5 147.7

129 93.8 74.6 111.8

131 96.3 72.0 108.0

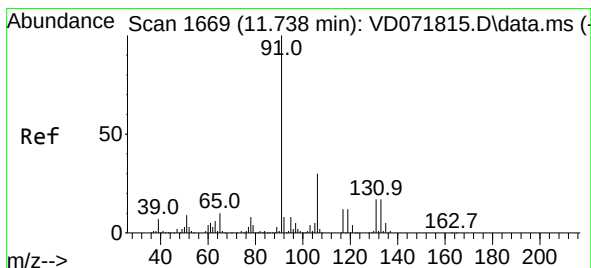
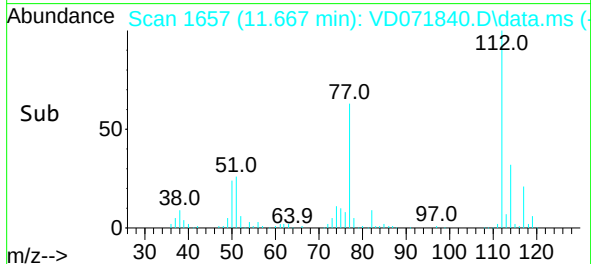
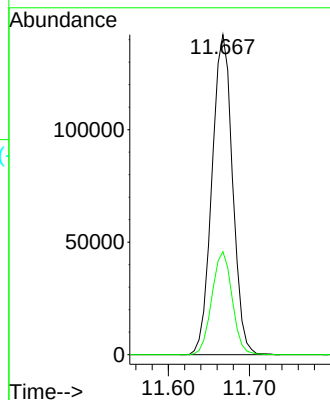
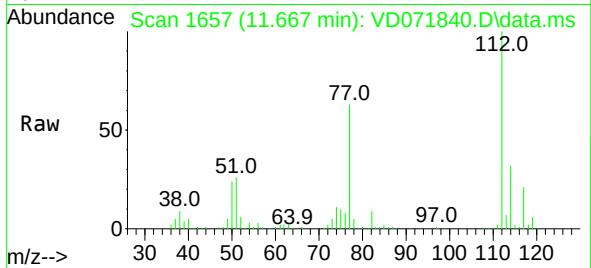




#65
Chlorobenzene
Concen: 20.144 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

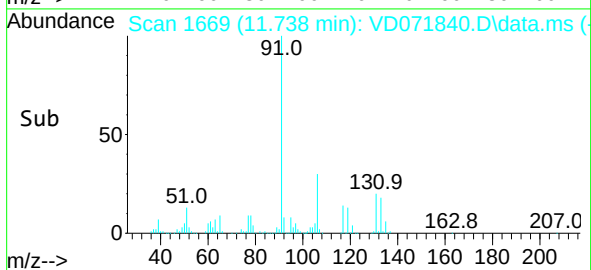
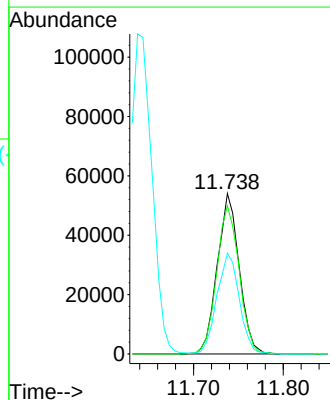
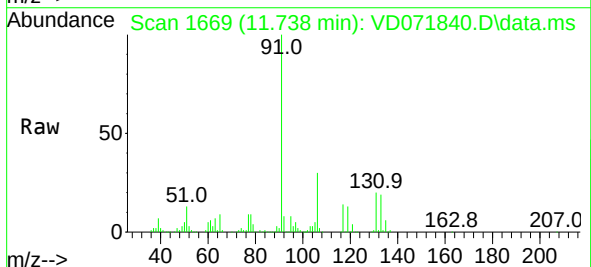
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

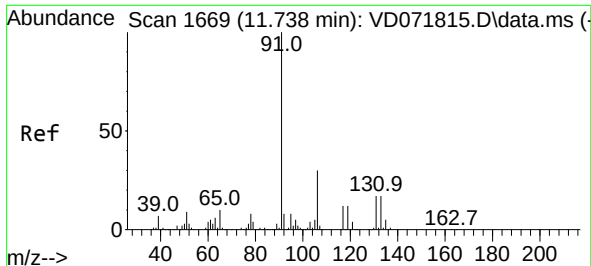
Tgt Ion:112 Resp: 250758
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.208 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion:131 Resp: 91514
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.3
119 64.3 31.9 95.9





#67

Ethyl Benzene

Concen: 19.777 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

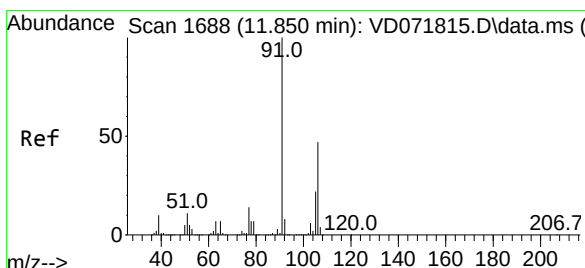
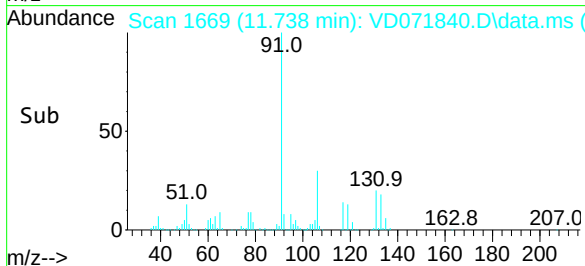
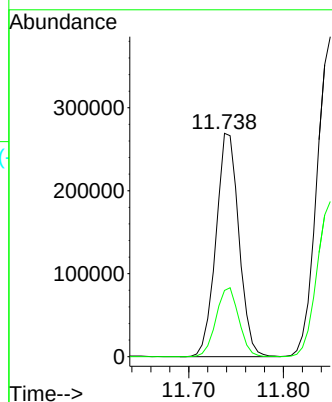
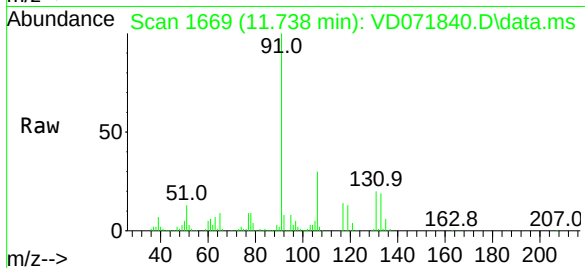
VD0131SBS02

Tgt Ion: 91 Resp: 453000

Ion Ratio Lower Upper

91 100

106 29.7 24.2 36.4



#68

m/p-Xylenes

Concen: 40.948 ug/l

RT: 11.849 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VD071840.D

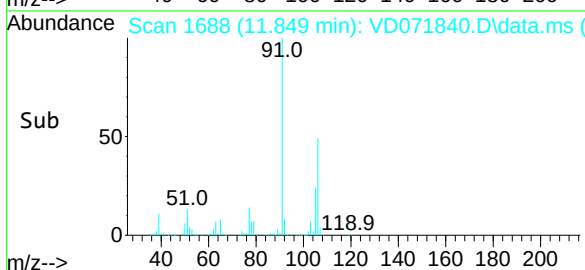
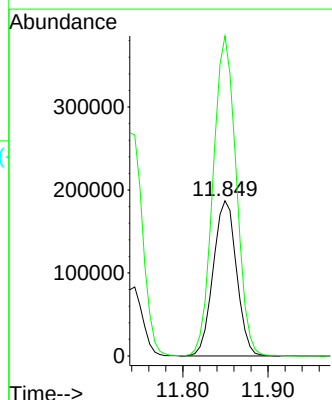
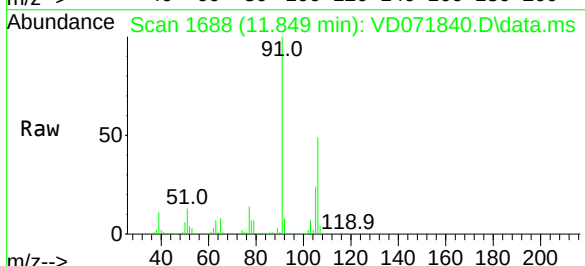
Acq: 31 Jan 2022 12:35

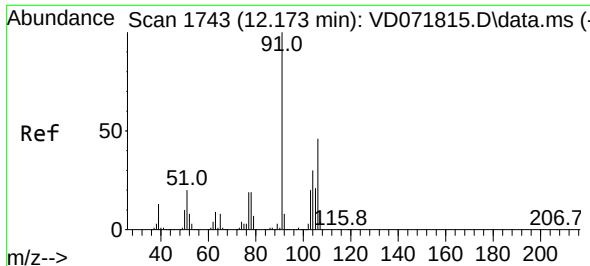
Tgt Ion: 106 Resp: 356752

Ion Ratio Lower Upper

106 100

91 204.8 163.7 245.5

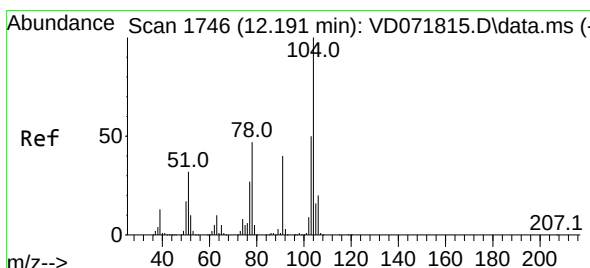
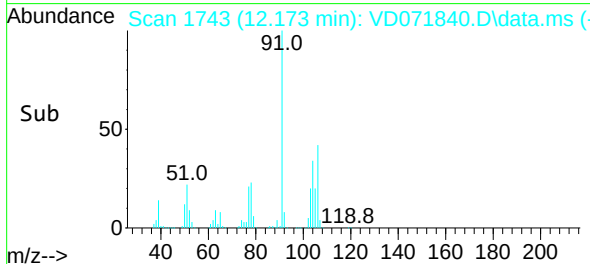
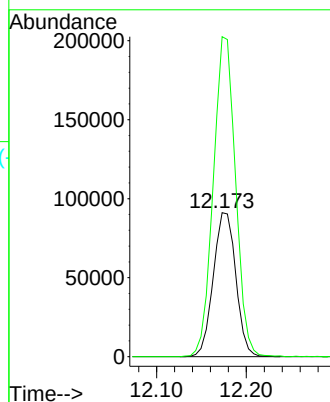
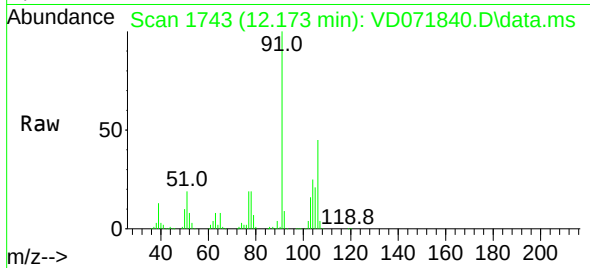




#69
o-Xylene
Concen: 20.085 ug/l
RT: 12.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

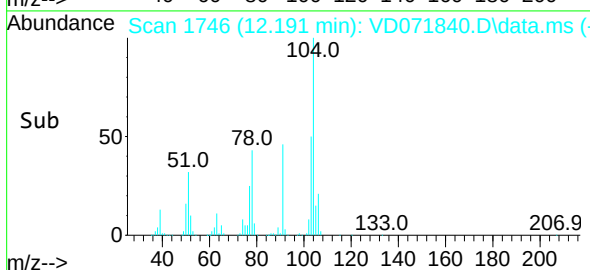
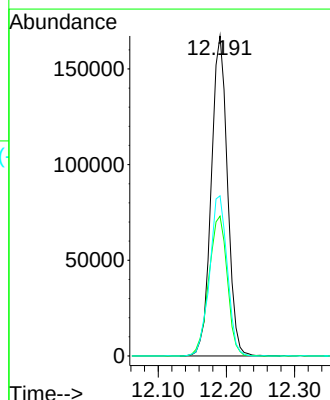
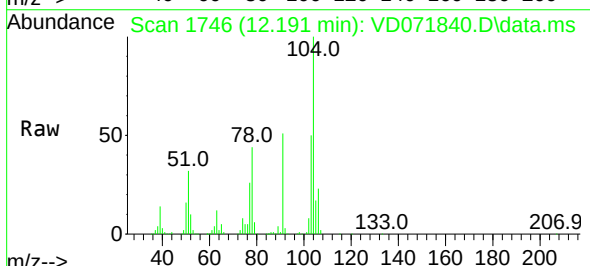
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

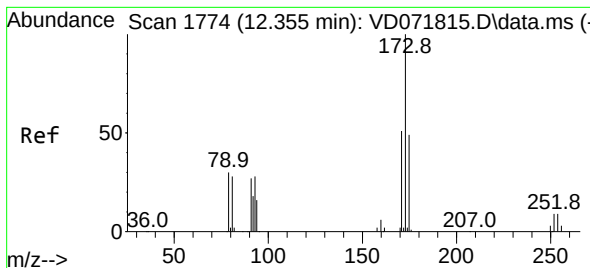
Tgt Ion:106 Resp: 159025
Ion Ratio Lower Upper
106 100
91 219.5 110.4 331.2



#70
Styrene
Concen: 20.308 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion:104 Resp: 277142
Ion Ratio Lower Upper
104 100
78 49.6 41.8 62.8
103 54.5 44.2 66.4





#71

Bromoform

Concen: 18.499 ug/l

RT: 12.355 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS02

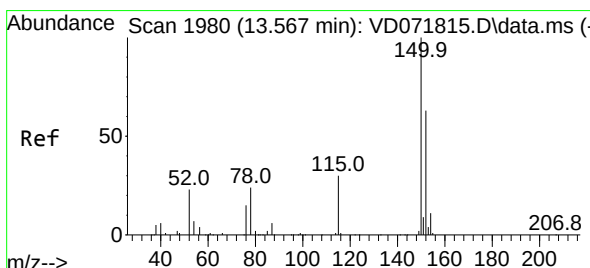
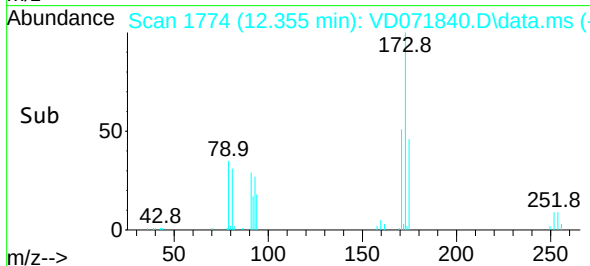
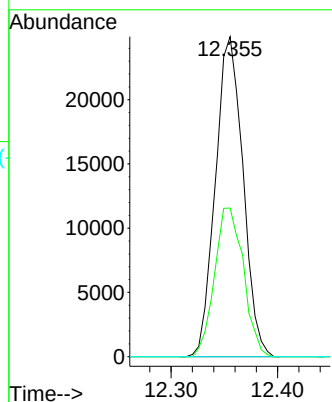
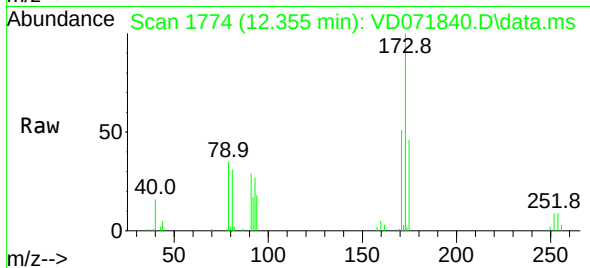
Tgt Ion:173 Resp: 44730

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.000 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

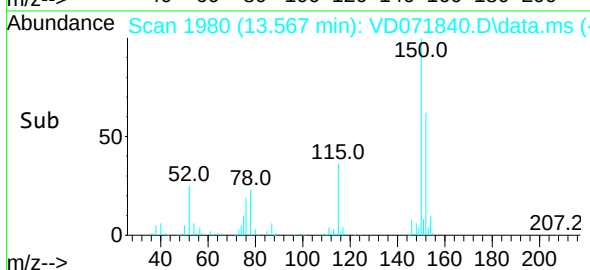
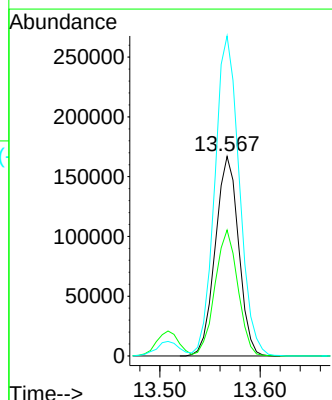
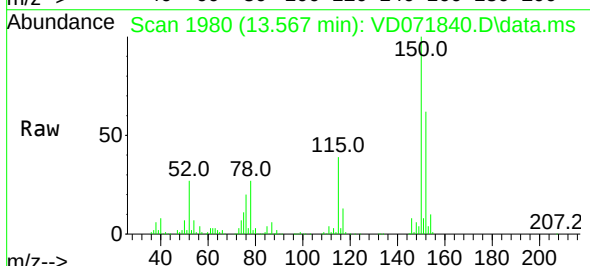
Tgt Ion:152 Resp: 268525

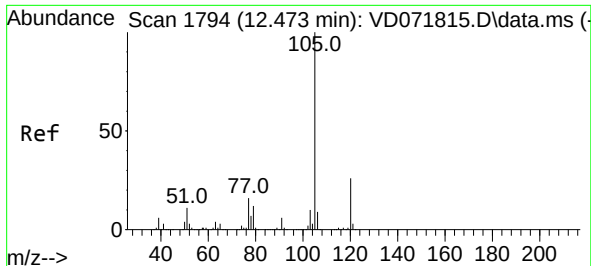
Ion Ratio Lower Upper

152 100

115 62.1 31.3 93.8

150 169.0 0.0 348.6

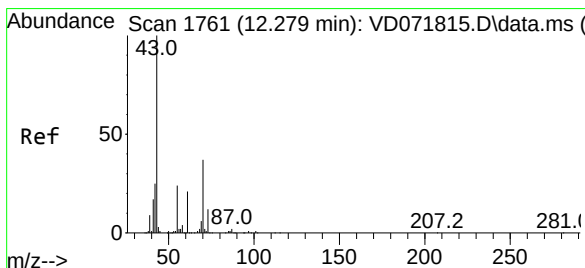
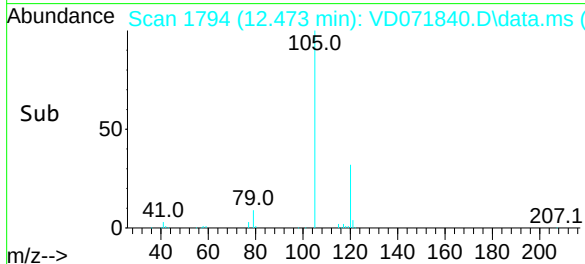
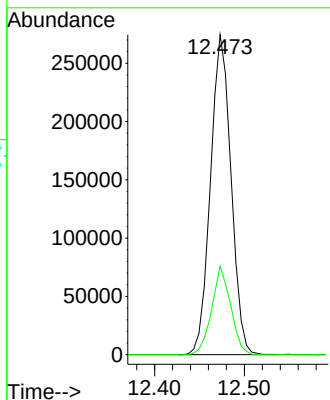
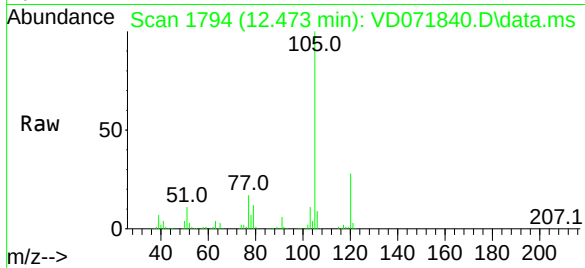




#73
Isopropylbenzene
Concen: 20.966 ug/l
RT: 12.473 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

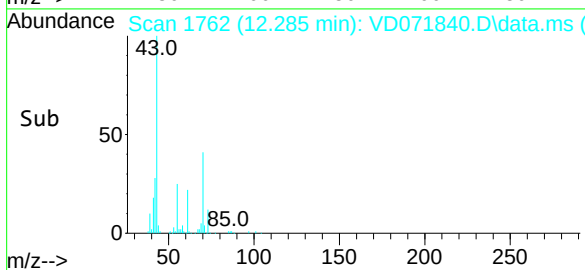
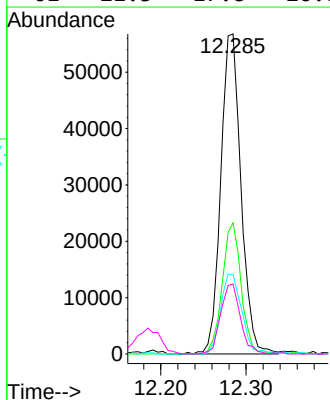
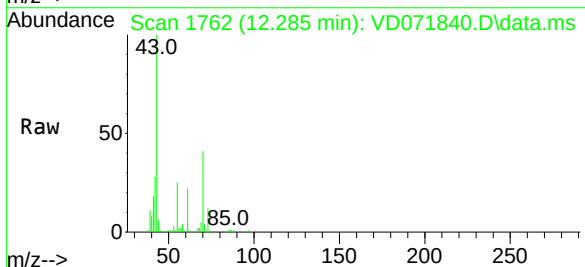
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

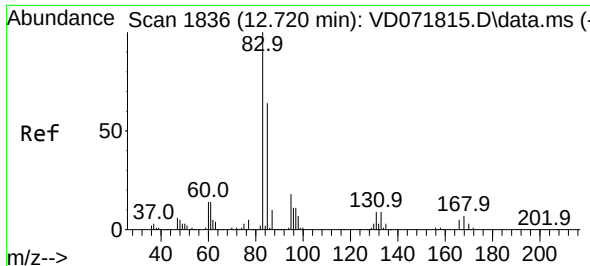
Tgt Ion:105 Resp: 435951
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9



#74
N-ethyl acetate
Concen: 18.323 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion: 43 Resp: 93696
Ion Ratio Lower Upper
43 100
70 38.3 31.3 46.9
55 26.1 20.0 30.0
61 21.3 17.8 26.8

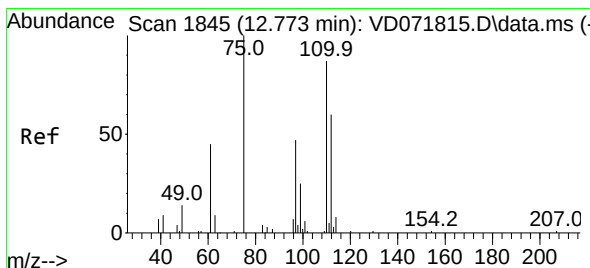
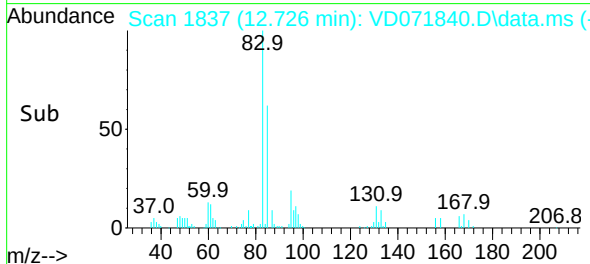
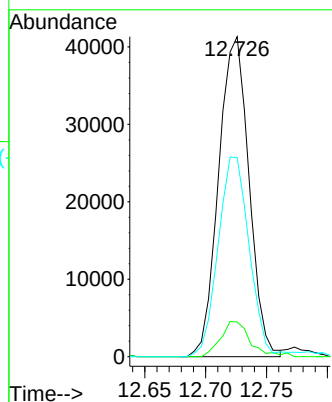
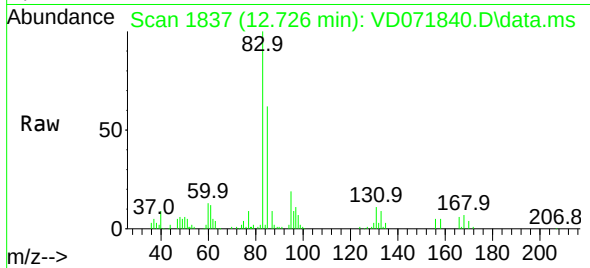




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.648 ug/l
 RT: 12.726 min Scan# 1837
 Delta R.T. 0.006 min
 Lab File: VD071840.D
 Acq: 31 Jan 2022 12:35

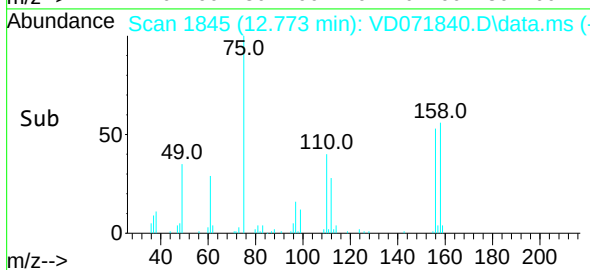
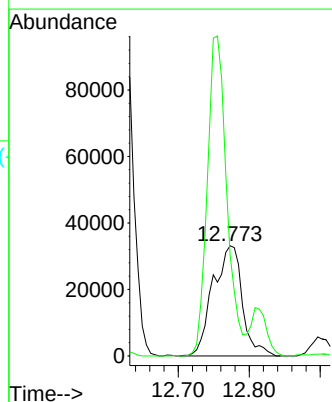
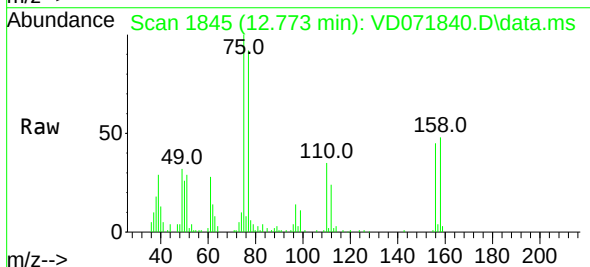
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBS02

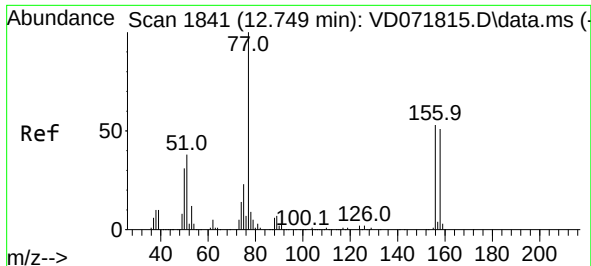
Tgt Ion: 83 Resp: 71756
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.0 14.9
 85 63.9 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 33.559 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VD071840.D
 Acq: 31 Jan 2022 12:35

Tgt Ion: 75 Resp: 94970
 Ion Ratio Lower Upper
 75 100
 77 192.9 0.0 0.0#

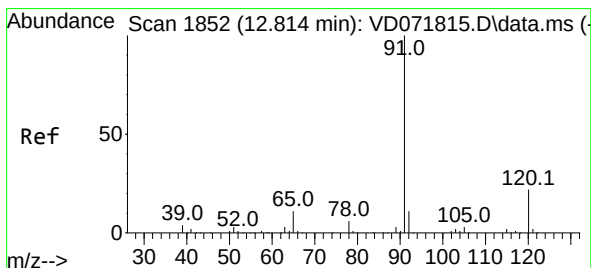
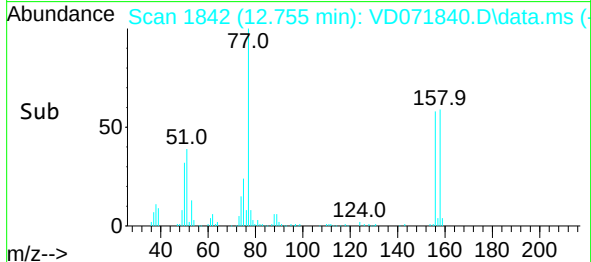
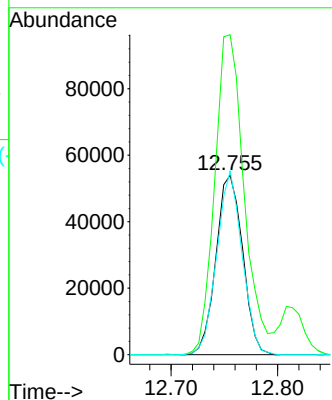
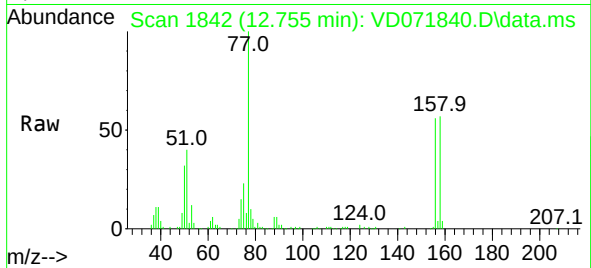




#77
Bromobenzene
Concen: 20.275 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

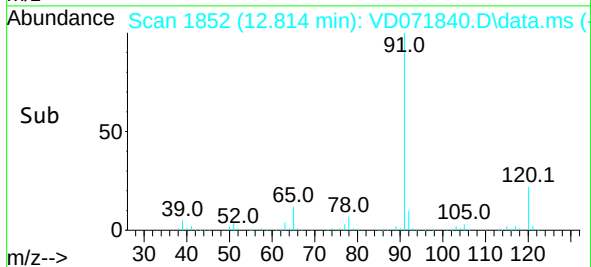
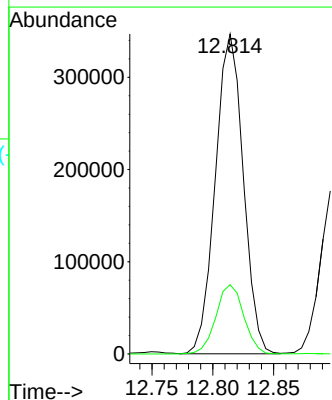
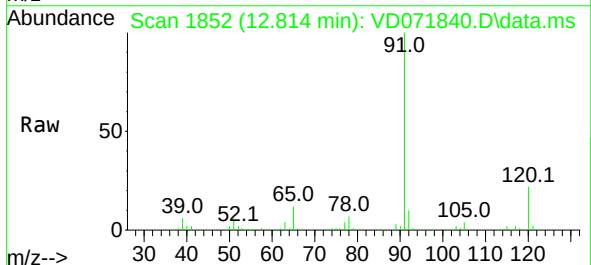
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

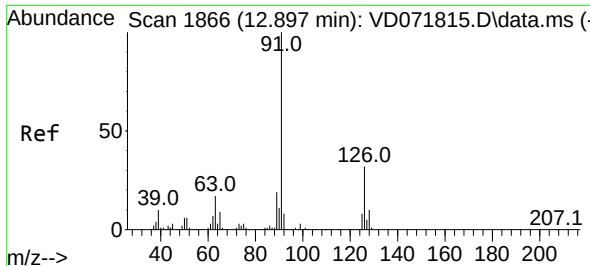
Tgt Ion:156 Resp: 93781
Ion Ratio Lower Upper
156 100
77 195.3 102.8 308.3
158 97.2 48.7 146.1



#78
n-propylbenzene
Concen: 21.213 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion: 91 Resp: 553087
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.9

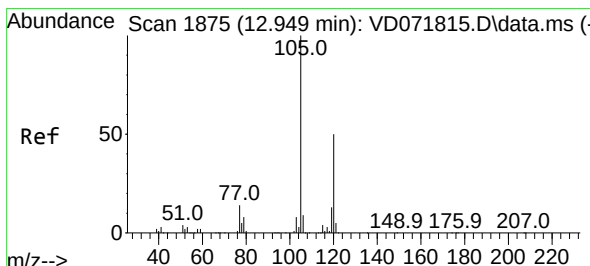
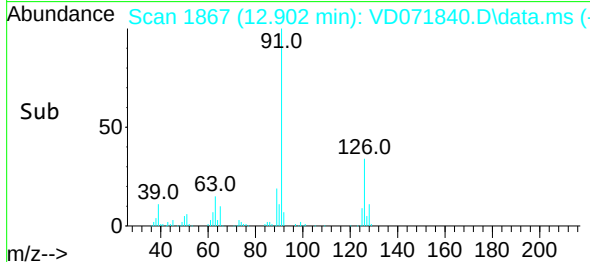
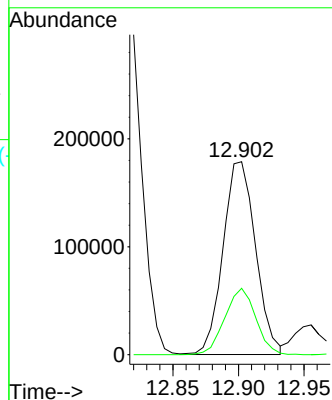
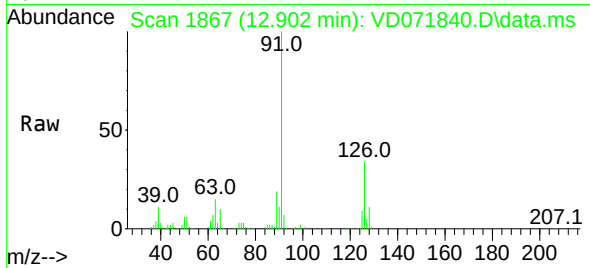




#79
2-Chlorotoluene
Concen: 20.892 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

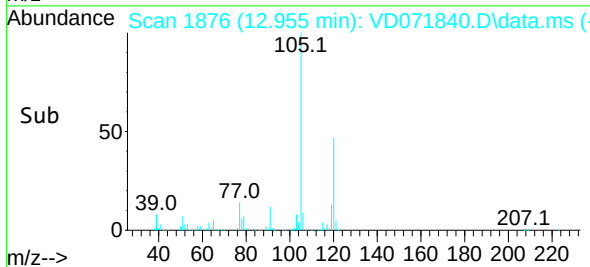
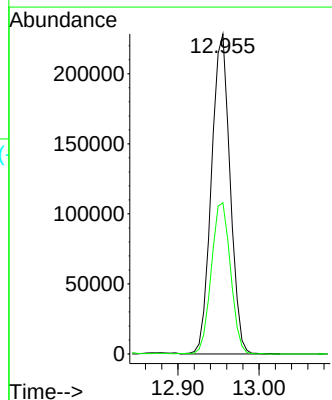
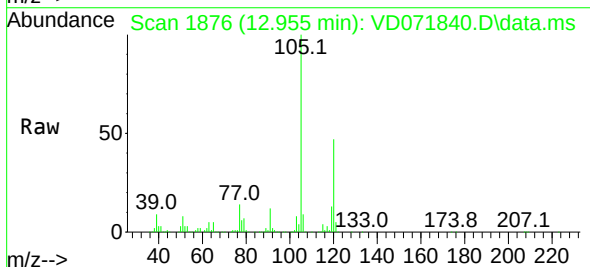
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

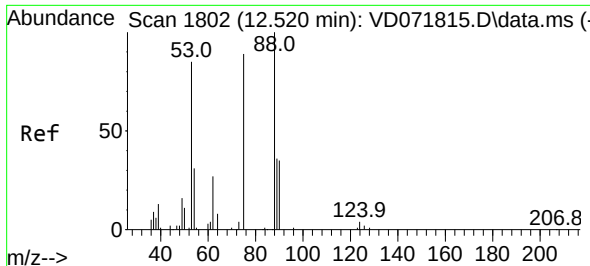
Tgt Ion: 91 Resp: 308687
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 21.083 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion:105 Resp: 363613
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8

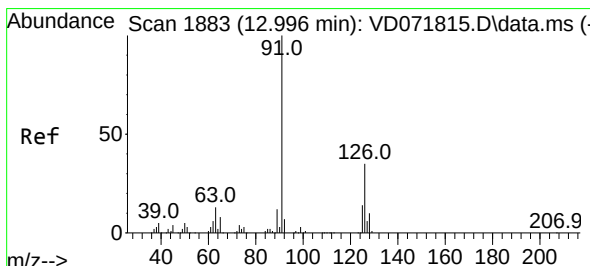
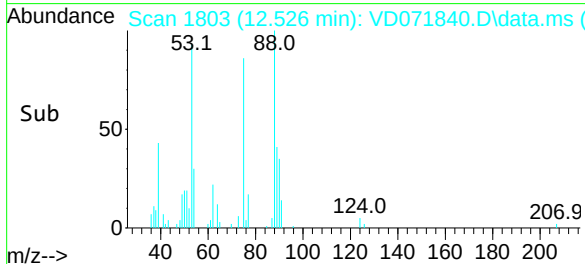
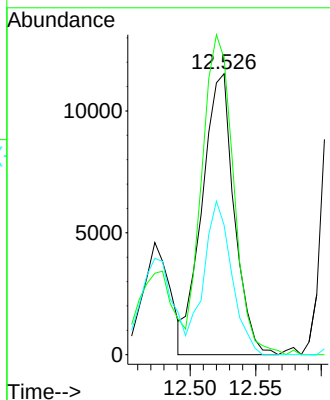
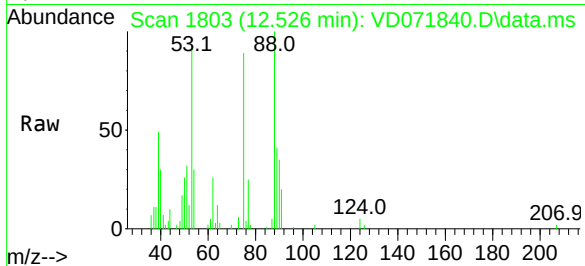




#81
trans-1,4-Dichloro-2-butene
Concen: 17.080 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

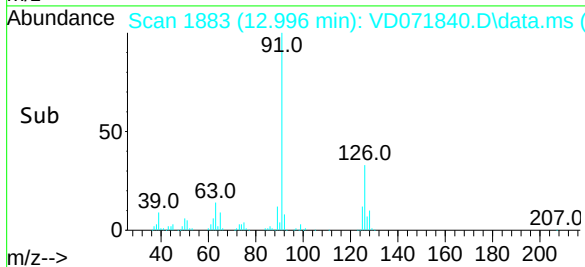
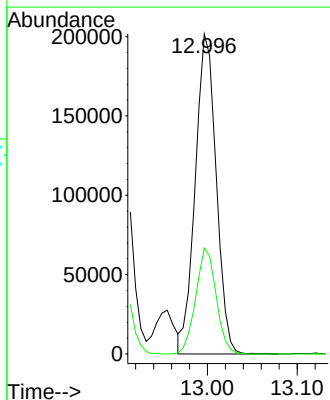
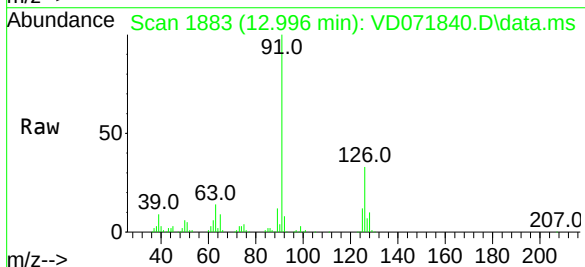
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

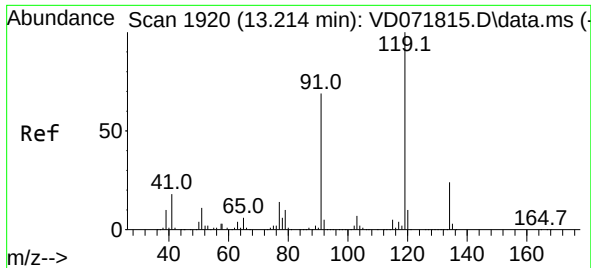
Tgt Ion: 75 Resp: 19658
Ion Ratio Lower Upper
75 100
53 111.5 86.5 129.7
89 47.4 33.9 50.9



#82
4-Chlorotoluene
Concen: 21.260 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion: 91 Resp: 326804
Ion Ratio Lower Upper
91 100
126 32.2 16.5 49.5

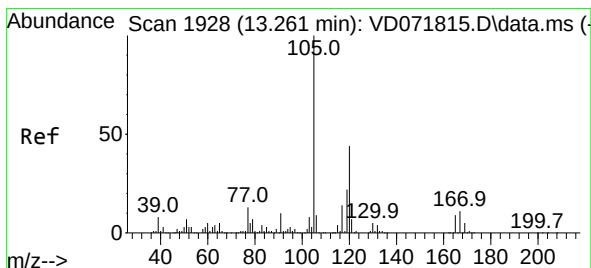
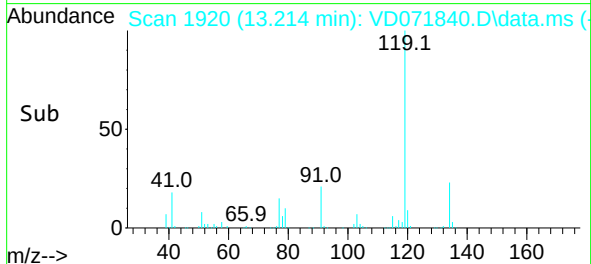
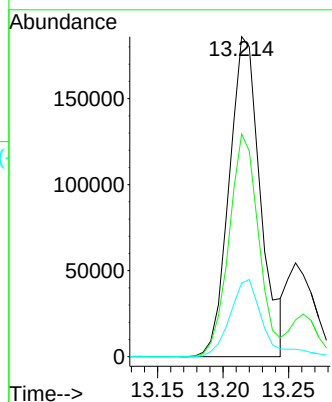
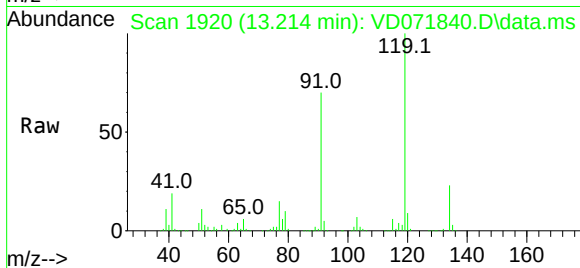




#83
tert-Butylbenzene
Concen: 21.557 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

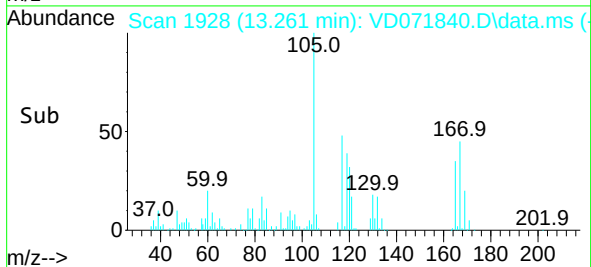
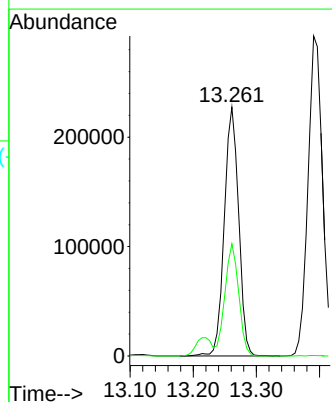
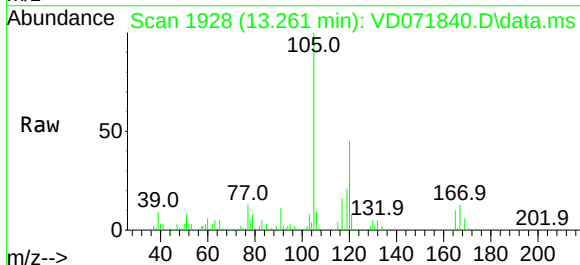
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

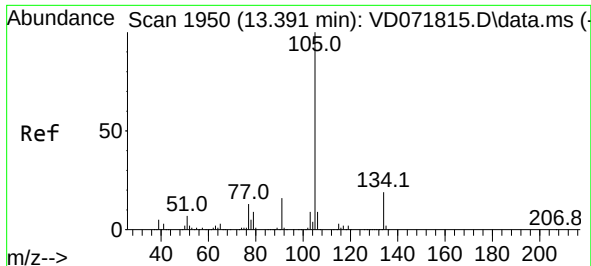
Tgt Ion:119 Resp: 308123
Ion Ratio Lower Upper
119 100
91 66.2 34.8 104.5
134 25.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 21.229 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion:105 Resp: 360158
Ion Ratio Lower Upper
105 100
120 43.5 22.3 66.8

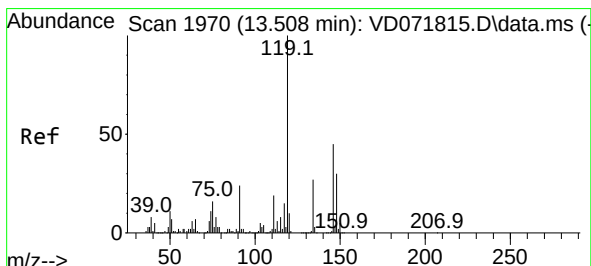
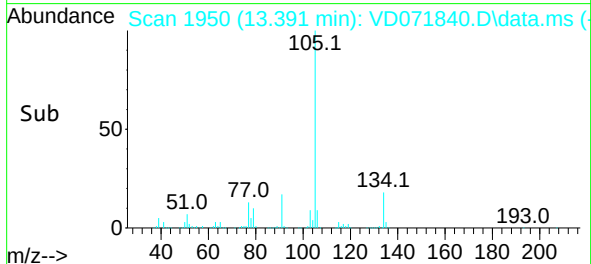
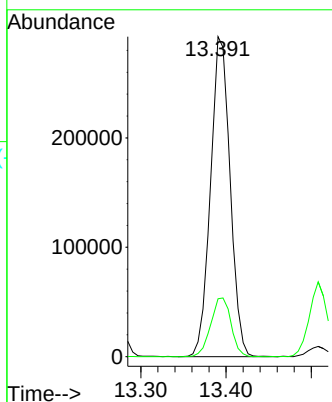
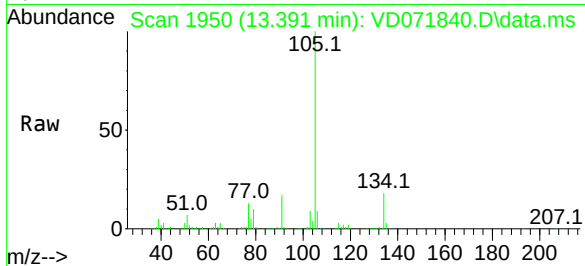




#85
 sec-Butylbenzene
 Concen: 20.876 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD071840.D
 Acq: 31 Jan 2022 12:35

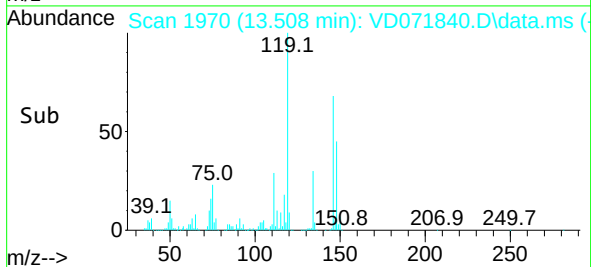
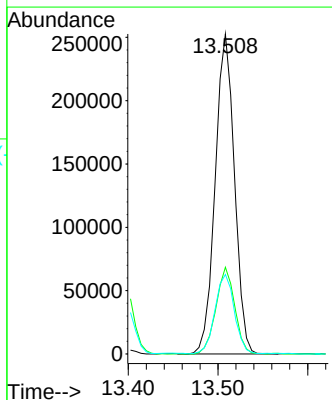
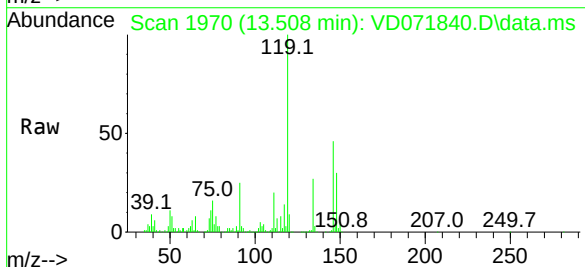
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBS02

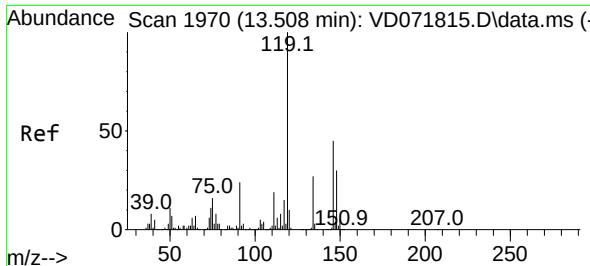
Tgt Ion:105 Resp: 466887
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.711 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD071840.D
 Acq: 31 Jan 2022 12:35

Tgt Ion:119 Resp: 376396
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.6
 91 24.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.377 ug/l

RT: 13.508 min Scan# 1970

Delta R.T. 0.000 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS02

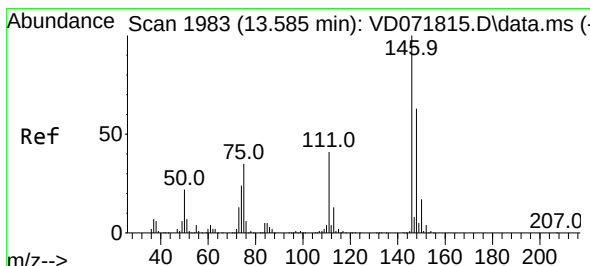
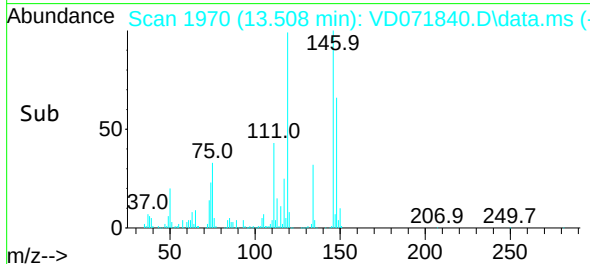
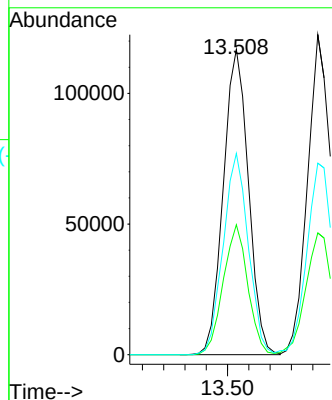
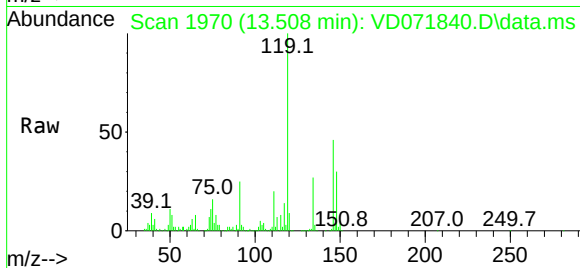
Tgt Ion:146 Resp: 191383

Ion Ratio Lower Upper

146 100

111 41.6 20.4 61.3

148 66.0 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 20.271 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VD071840.D

Acq: 31 Jan 2022 12:35

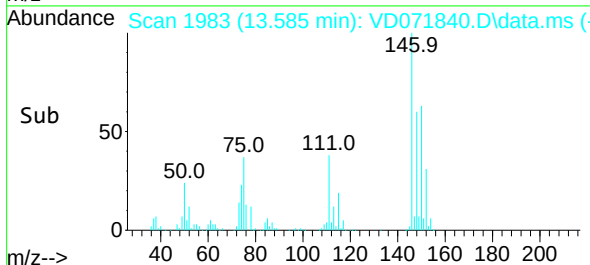
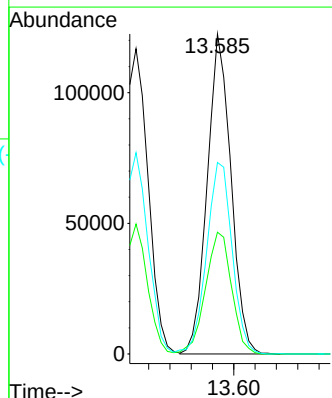
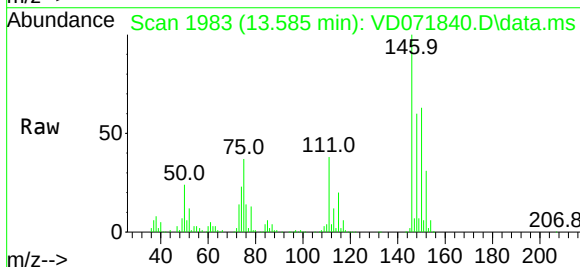
Tgt Ion:146 Resp: 190017

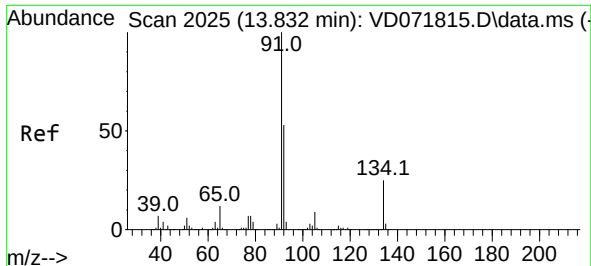
Ion Ratio Lower Upper

146 100

111 41.8 20.3 60.9

148 64.4 31.7 95.1

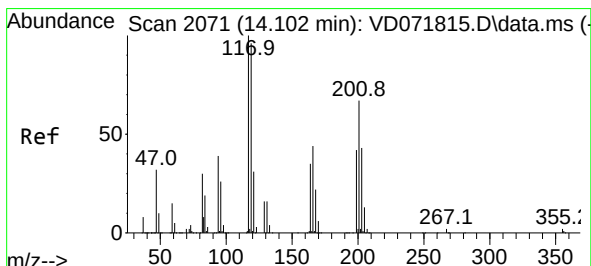
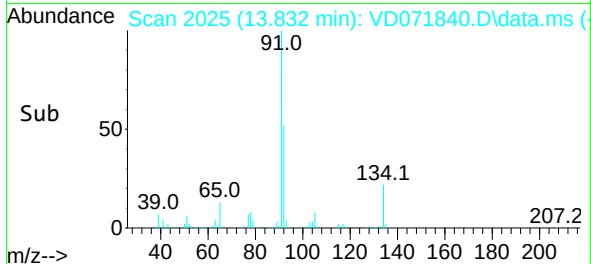
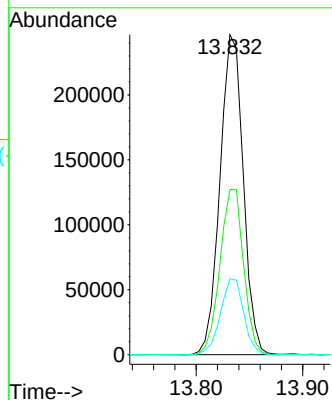
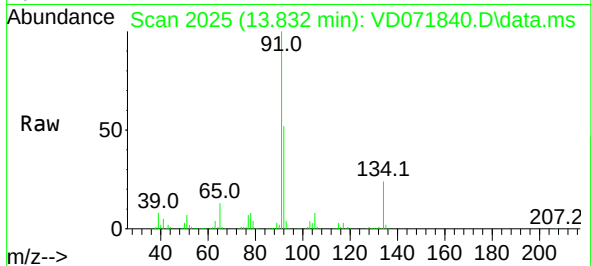




#89
n-Butylbenzene
Concen: 20.955 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

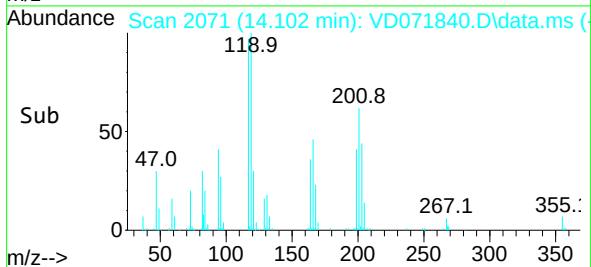
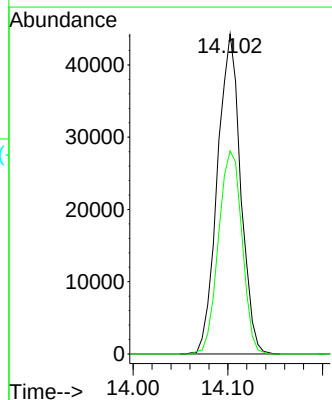
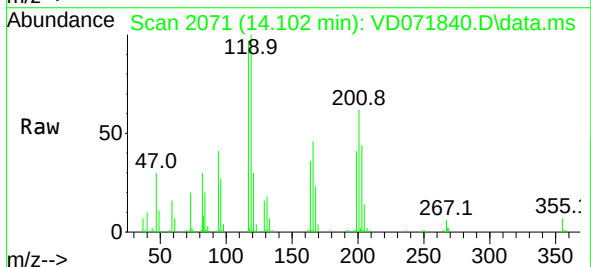
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

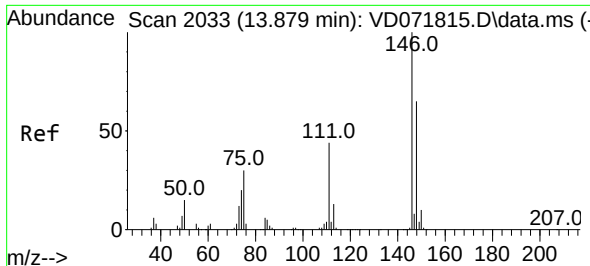
Tgt Ion: 91 Resp: 373646
Ion Ratio Lower Upper
91 100
92 52.4 26.6 79.8
134 23.7 12.3 36.9



#90
Hexachloroethane
Concen: 20.895 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion: 117 Resp: 75483
Ion Ratio Lower Upper
117 100
201 64.2 33.4 100.2

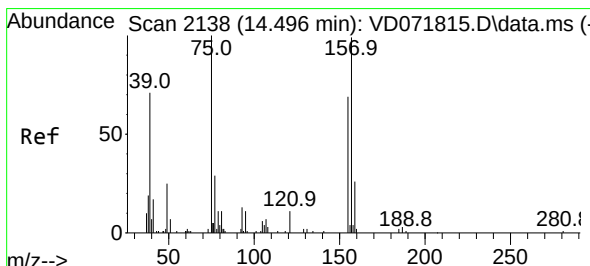
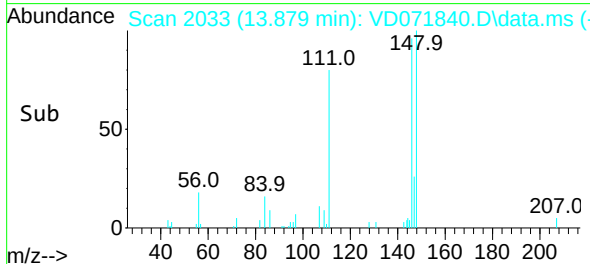
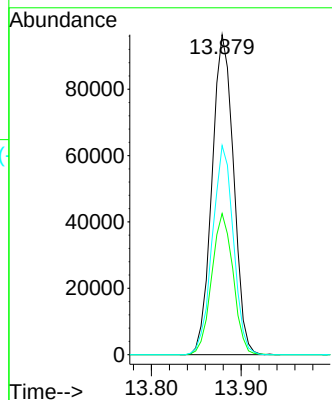
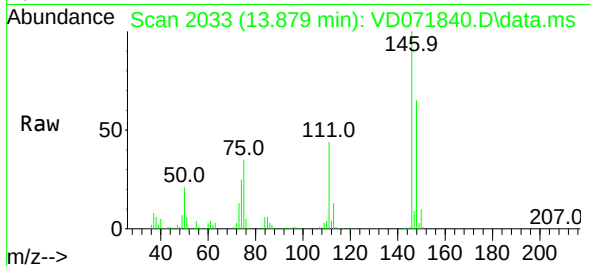




#91
1,2-Dichlorobenzene
Concen: 20.052 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

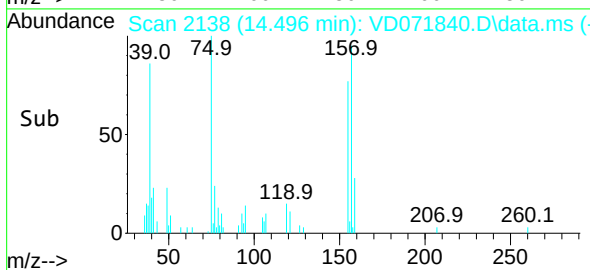
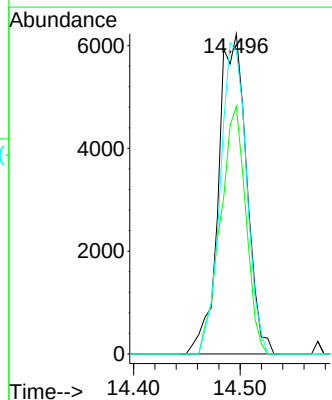
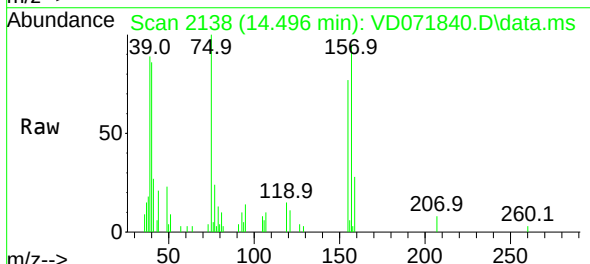
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

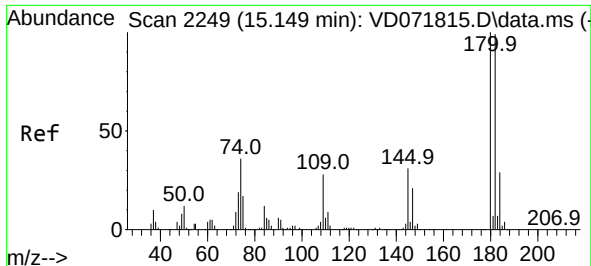
Tgt Ion:146 Resp: 161168
Ion Ratio Lower Upper
146 100
111 43.7 21.1 63.3
148 63.9 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.815 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. 0.006 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion: 75 Resp: 11353
Ion Ratio Lower Upper
75 100
155 69.9 36.8 110.3
157 91.1 48.4 145.0

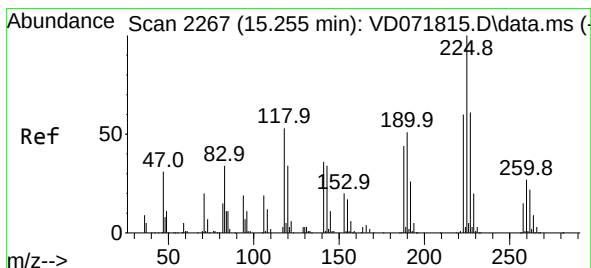
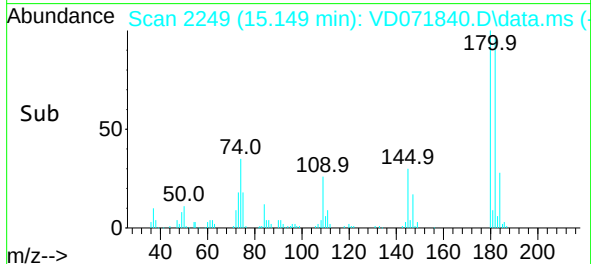
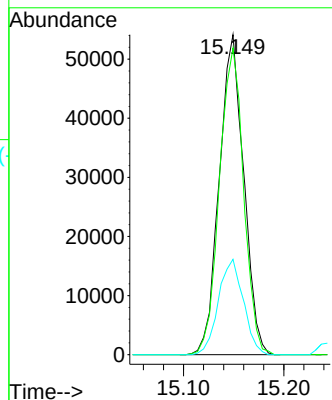
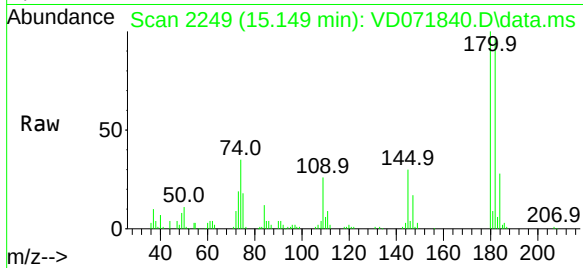




#93
 1,2,4-Trichlorobenzene
 Concen: 19.491 ug/l
 RT: 15.149 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD071840.D
 Acq: 31 Jan 2022 12:35

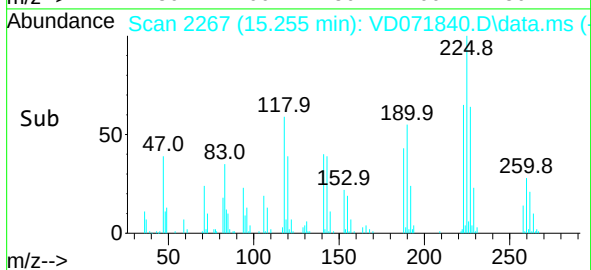
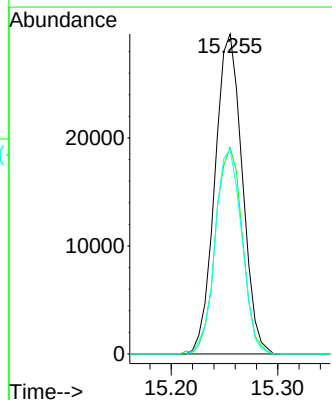
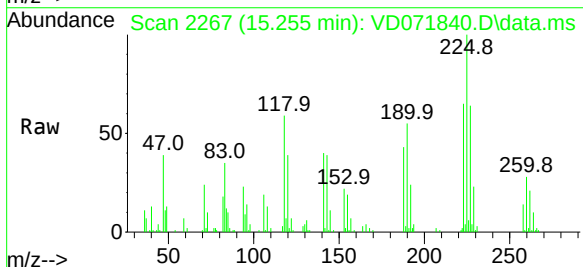
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBS02

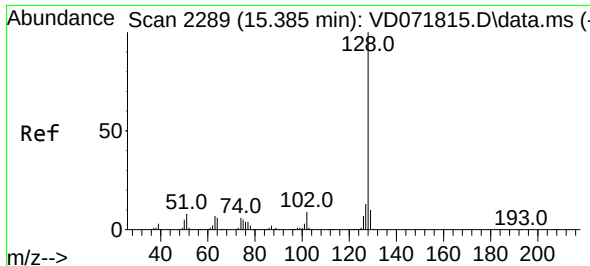
Tgt Ion:180 Resp: 91517
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 142.0
 145 30.4 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 20.628 ug/l
 RT: 15.255 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: VD071840.D
 Acq: 31 Jan 2022 12:35

Tgt Ion:225 Resp: 52814
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.1 93.2
 227 62.6 32.4 97.0

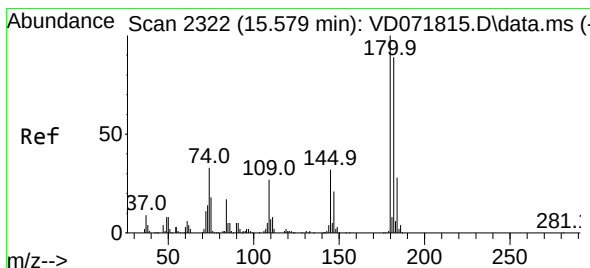
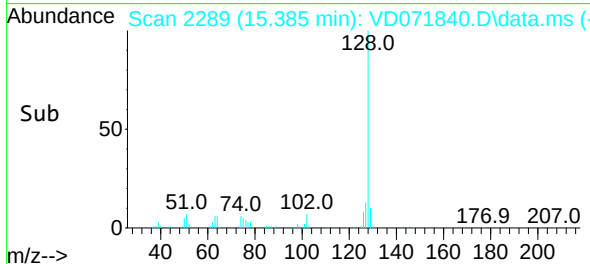
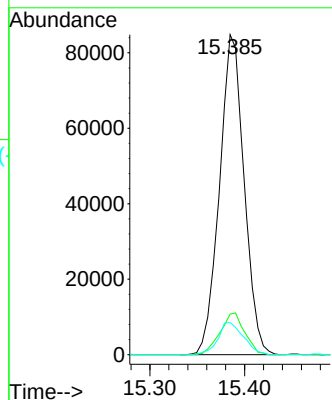
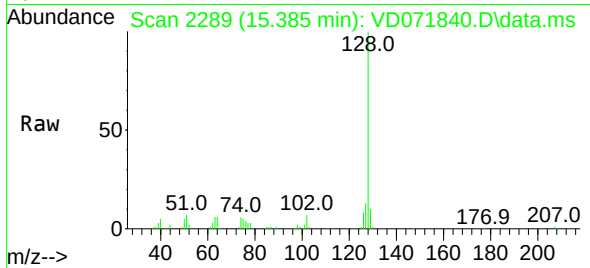




#95
Naphthalene
Concen: 17.401 ug/l
RT: 15.385 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS02

Tgt Ion:128 Resp: 153206
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.4 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 18.750 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD071840.D
Acq: 31 Jan 2022 12:35

Tgt Ion:180 Resp: 75463
Ion Ratio Lower Upper
180 100
182 96.9 47.6 142.9
145 34.7 17.1 51.3

