

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071815.D
 Acq On : 28 Jan 2022 10:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 29 04:49:50 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	436492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	709755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	653605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	305639	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	293881	53.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.540%	
35) Dibromofluoromethane	7.914	113	261014	55.946	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.900%	
50) Toluene-d8	10.338	98	1017697	58.408	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.820%	
62) 4-Bromofluorobenzene	12.626	95	345816	56.835	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.660%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	260560	50.339	ug/l	97
3) Chloromethane	2.215	50	315971	50.987	ug/l	94
4) Vinyl Chloride	2.356	62	337388	52.002	ug/l	99
5) Bromomethane	2.774	94	220659	51.546	ug/l	95
6) Chloroethane	2.926	64	214532	52.177	ug/l	99
7) Trichlorofluoromethane	3.279	101	483494	52.000	ug/l	98
8) Diethyl Ether	3.715	74	122564	49.958	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	276260	52.665	ug/l	99
10) Methyl Iodide	4.309	142	306805	57.052	ug/l	100
11) Tert butyl alcohol	5.226	59	74317	221.356	ug/l	99
12) 1,1-Dichloroethene	4.073	96	256372	53.462	ug/l	98
13) Acrolein	3.926	56	114154	232.957	ug/l	99
14) Allyl chloride	4.720	41	499952	54.694	ug/l	99
15) Acrylonitrile	5.420	53	296904	238.115	ug/l	100
16) Acetone	4.156	43	415877	275.372	ug/l	100
17) Carbon Disulfide	4.415	76	889625	53.204	ug/l	99
18) Methyl Acetate	4.715	43	138918	42.544	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	583683	50.879	ug/l	98
20) Methylene Chloride	4.968	84	284018	51.646	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	300356	53.802	ug/l	97
22) Diisopropyl ether	6.362	45	974815	54.411	ug/l	99
23) Vinyl Acetate	6.303	43	2655645	268.700	ug/l	100
24) 1,1-Dichloroethane	6.267	63	558697	53.503	ug/l	99
25) 2-Butanone	7.209	43	454436	258.115	ug/l	100
26) 2,2-Dichloropropane	7.209	77	469430	54.324	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	322354	53.761	ug/l	99
28) Bromochloromethane	7.544	49	171047	43.428	ug/l	100
29) Tetrahydrofuran	7.561	42	246388	236.519	ug/l	99
30) Chloroform	7.709	83	559446	52.440	ug/l	99
31) Cyclohexane	7.985	56	547479	51.980	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	500420	53.181	ug/l	99
36) 1,1-Dichloropropene	8.109	75	450206	56.223	ug/l	100
37) Ethyl Acetate	7.291	43	176433	47.391	ug/l	99
38) Carbon Tetrachloride	8.097	117	444228	56.097	ug/l	98
39) Methylcyclohexane	9.356	83	528895	57.004	ug/l	98
40) Benzene	8.350	78	1201386	55.581	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	101479	48.182	ug/l	92
42) 1,2-Dichloroethane	8.426	62	358093	52.465	ug/l	100
43) Isopropyl Acetate	8.450	43	333407	49.827	ug/l	98
44) Trichloroethene	9.108	130	310663	55.665	ug/l	94
45) 1,2-Dichloropropane	9.385	63	307188	55.117	ug/l	98
46) Dibromomethane	9.473	93	154572	52.967	ug/l	99
47) Bromodichloromethane	9.656	83	414018	53.644	ug/l	98
48) Methyl methacrylate	9.450	41	175449	49.545	ug/l	95
49) 1,4-Dioxane	9.456	88	31785	954.244	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	873210	249.377	ug/l	98
52) Toluene	10.403	92	760547	56.584	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	377813	53.299	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	455401	54.808	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	197681	51.040	ug/l	96
56) Ethyl methacrylate	10.655	69	255579	53.298	ug/l	99
57) 1,3-Dichloropropane	10.944	76	364451	52.709	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	568480	251.830	ug/l	99
59) 2-Hexanone	10.979	43	699524	275.245	ug/l	99
60) Dibromochloromethane	11.132	129	251975	52.684	ug/l	100
61) 1,2-Dibromoethane	11.244	107	194381	52.090	ug/l	99
64) Tetrachloroethene	10.873	164	252221	54.554	ug/l	93
65) Chlorobenzene	11.667	112	762383	55.135	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	272118	54.095	ug/l	99
67) Ethyl Benzene	11.738	91	1455541	57.207	ug/l	100
68) m/p-Xylenes	11.850	106	1111592	114.862	ug/l	98
69) o-Xylene	12.173	106	512394	58.262	ug/l	99
70) Styrene	12.191	104	877270	57.871	ug/l	100
71) Bromoform	12.355	173	136473	50.812	ug/l #	99
73) Isopropylbenzene	12.473	105	1376609	58.166	ug/l	100
74) N-amyl acetate	12.279	43	313357	53.839	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	214201	48.908	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	295122	91.623	ug/l #	100
77) Bromobenzene	12.749	156	286860	54.488	ug/l	99
78) n-propylbenzene	12.814	91	1734774	58.456	ug/l	100
79) 2-Chlorotoluene	12.897	91	957477	56.934	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1155408	58.858	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	67183	51.284	ug/l	96
82) 4-Chlorotoluene	12.996	91	997655	57.021	ug/l	100
83) tert-Butylbenzene	13.214	119	968233	59.514	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	1141040	59.090	ug/l	100
85) sec-Butylbenzene	13.391	105	1510476	59.337	ug/l	100
86) p-Isopropyltoluene	13.508	119	1243615	60.120	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	595660	55.719	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	576822	54.064	ug/l	100
89) n-Butylbenzene	13.832	91	1212605	59.749	ug/l	100
90) Hexachloroethane	14.102	117	238283	57.951	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	497936	54.428	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	34489	47.549	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	301830	56.476	ug/l	98
94) Hexachlorobutadiene	15.255	225	172005	59.025	ug/l	99
95) Naphthalene	15.385	128	539744	50.812	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	257911	56.302	ug/l	98

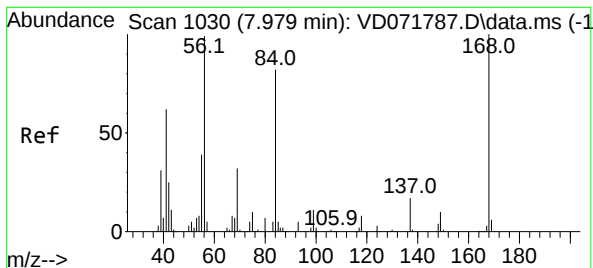
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

Instrument :

MSVOA_D

ClientSampleId :

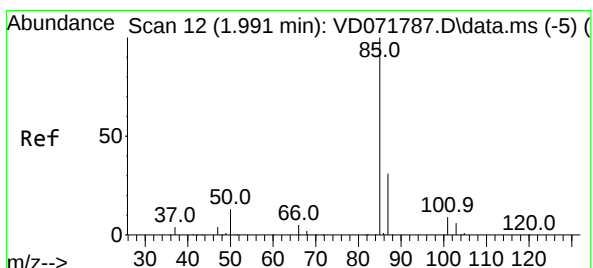
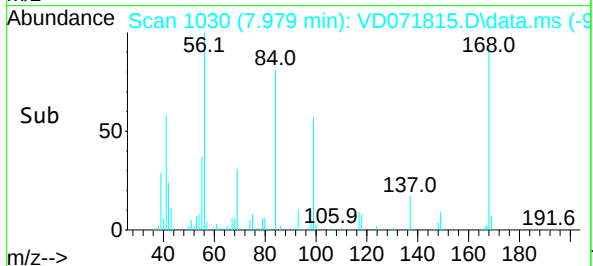
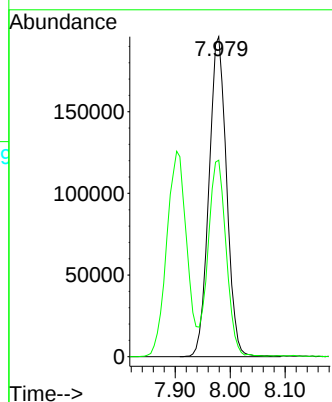
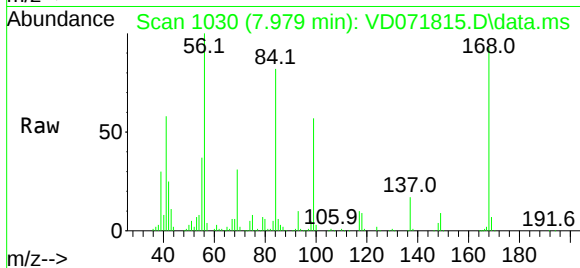
VSTDCCC050

Tgt Ion:168 Resp: 436492

Ion Ratio Lower Upper

168 100

99 61.1 49.8 74.6



#2

Dichlorodifluoromethane

Concen: 50.339 ug/l

RT: 1.991 min Scan# 12

Delta R.T. 0.000 min

Lab File: VD071815.D

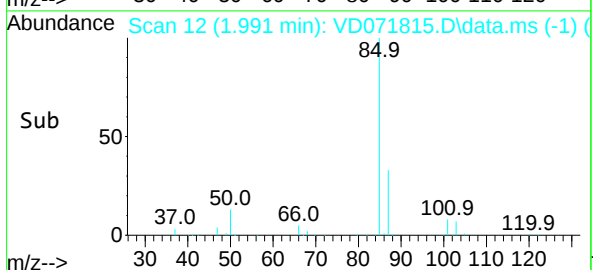
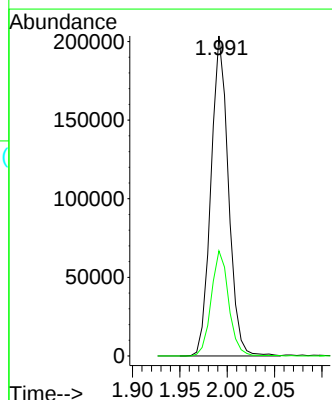
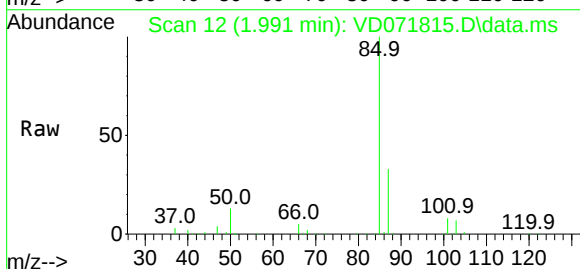
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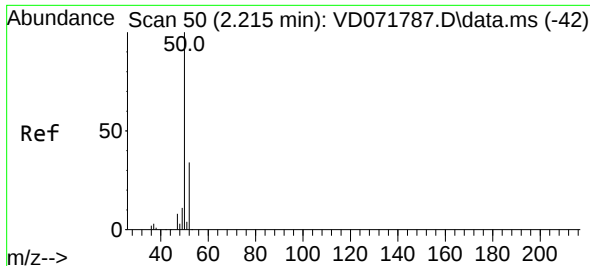
Tgt Ion: 85 Resp: 260560

Ion Ratio Lower Upper

85 100

87 32.9 15.7 47.0

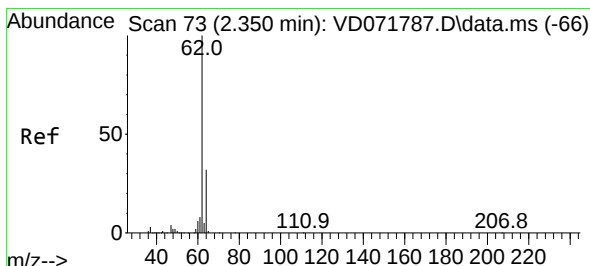
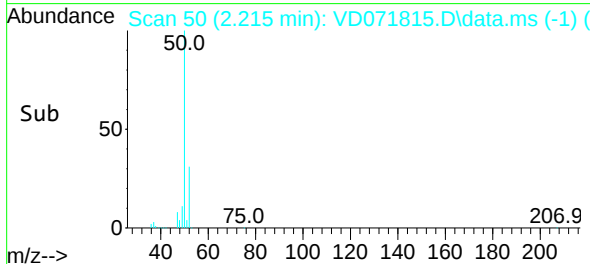
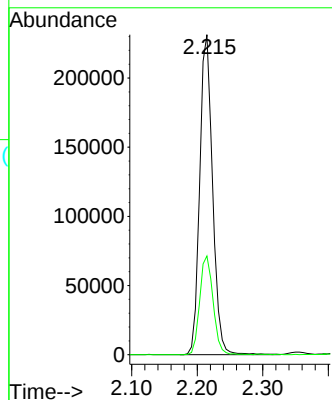
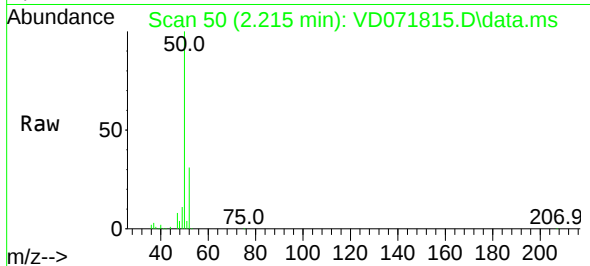




#3
Chloromethane
Concen: 50.987 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

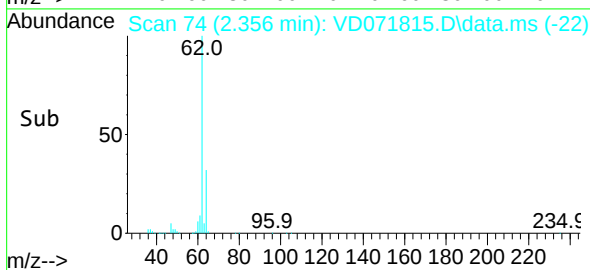
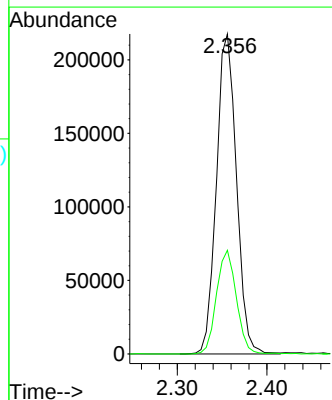
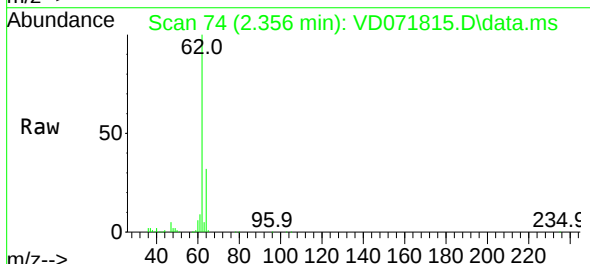
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

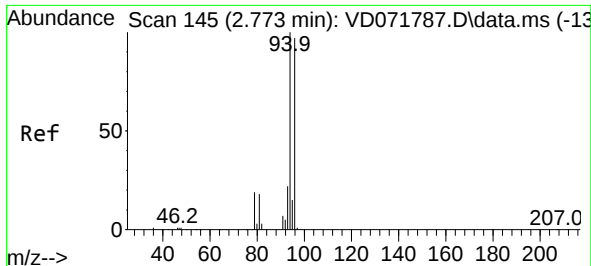
Tgt Ion: 50 Resp: 315971
Ion Ratio Lower Upper
50 100
52 30.8 27.4 41.0



#4
Vinyl Chloride
Concen: 52.002 ug/l
RT: 2.356 min Scan# 74
Delta R.T. 0.006 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 62 Resp: 337388
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0

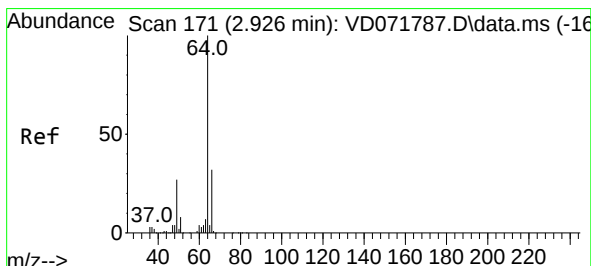
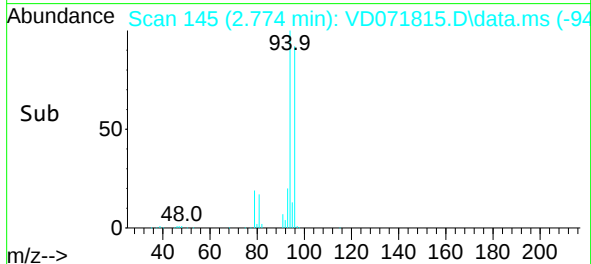
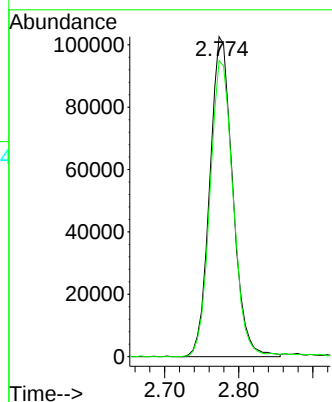
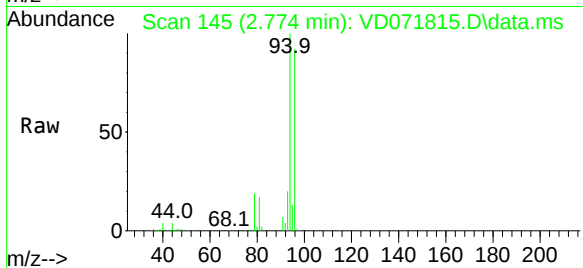




#5
Bromomethane
Concen: 51.546 ug/l
RT: 2.774 min Scan# 145
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

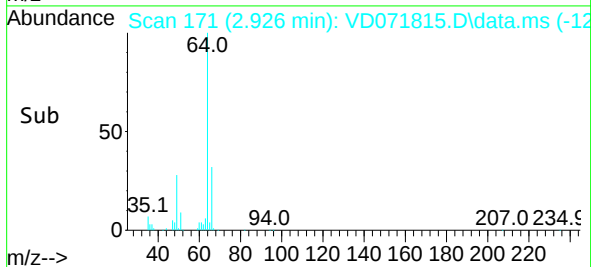
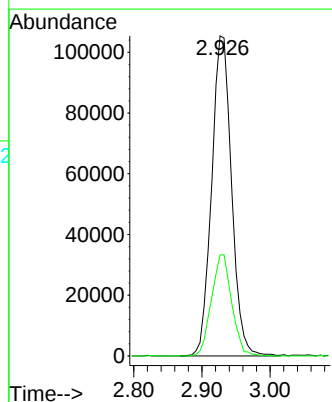
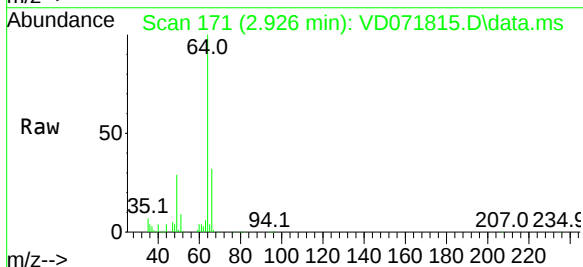
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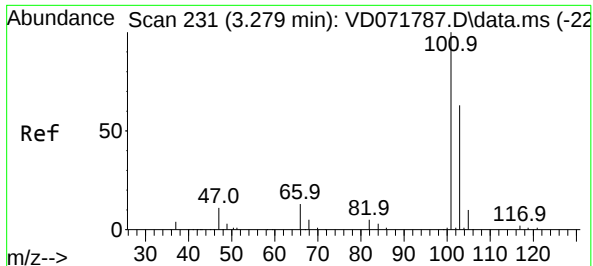
Tgt Ion: 94 Resp: 220659
Ion Ratio Lower Upper
94 100
96 92.5 77.6 116.4



#6
Chloroethane
Concen: 52.177 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 64 Resp: 214532
Ion Ratio Lower Upper
64 100
66 31.6 25.9 38.9

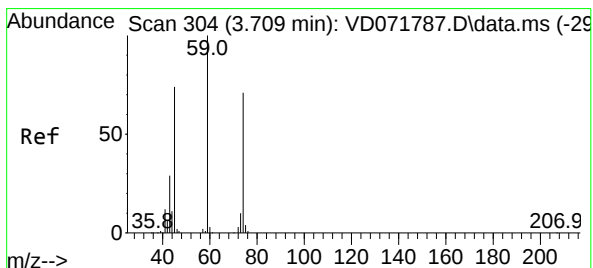
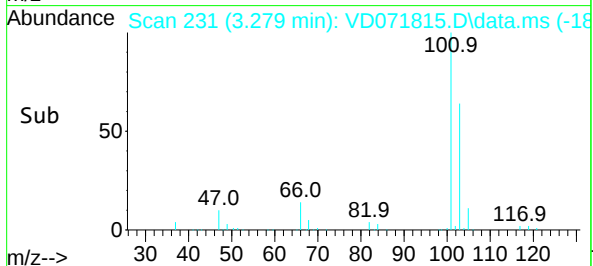
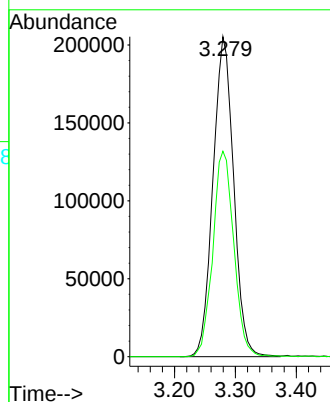
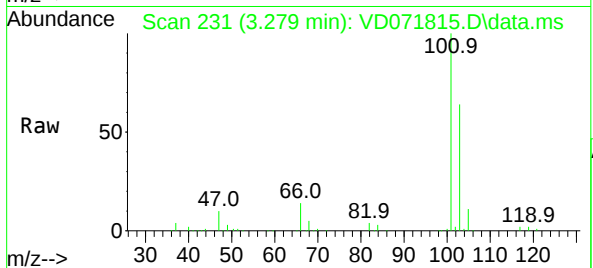




#7
Trichlorofluoromethane
Concen: 52.000 ug/l
RT: 3.279 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

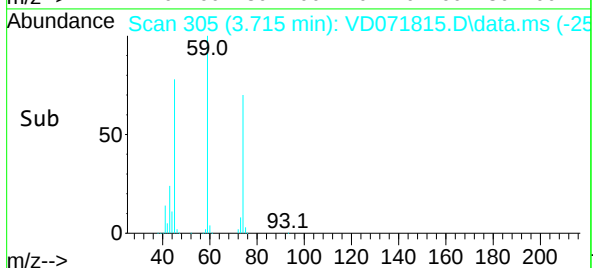
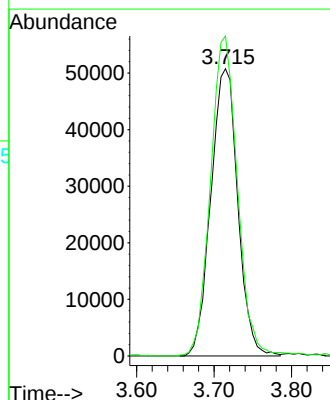
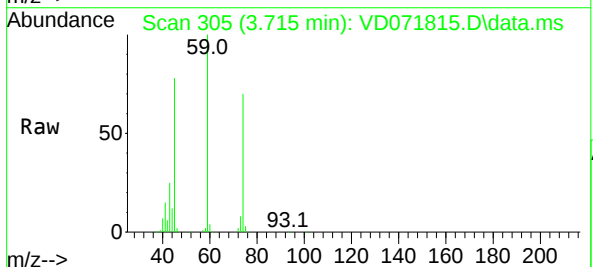
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

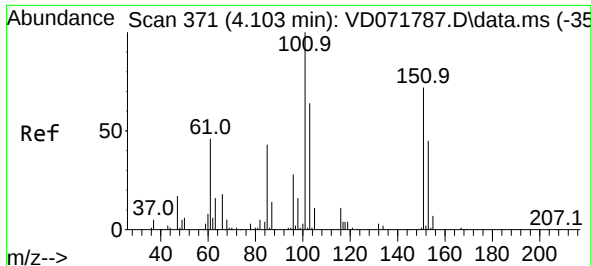
Tgt Ion:101 Resp: 483494
Ion Ratio Lower Upper
101 100
103 64.2 50.1 75.1



#8
Diethyl Ether
Concen: 49.958 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 74 Resp: 122564
Ion Ratio Lower Upper
74 100
45 111.6 52.6 157.8

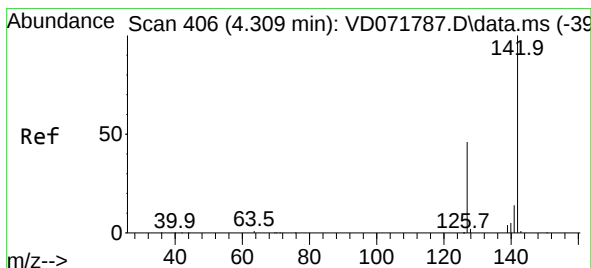
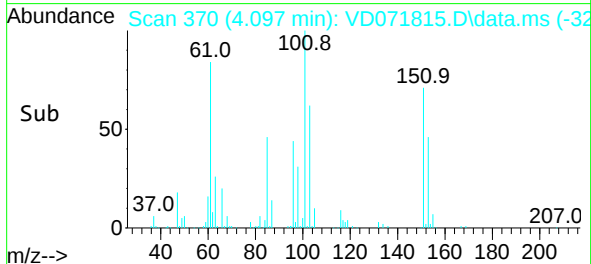
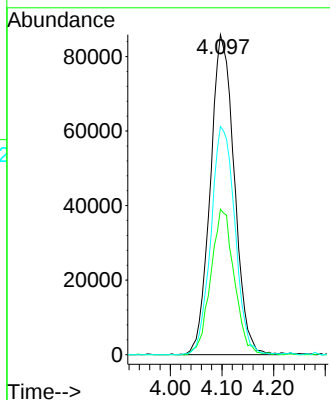
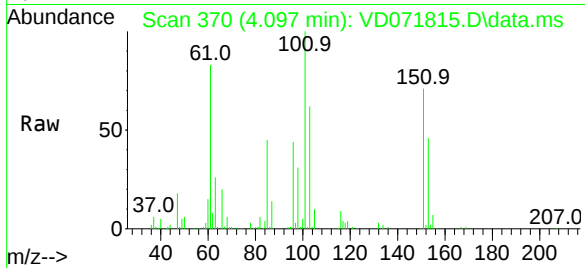




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.665 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071815.D
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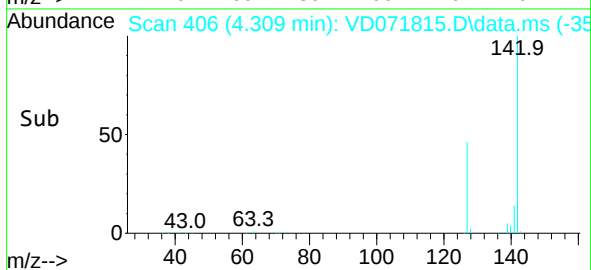
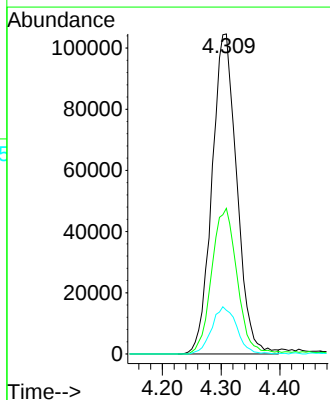
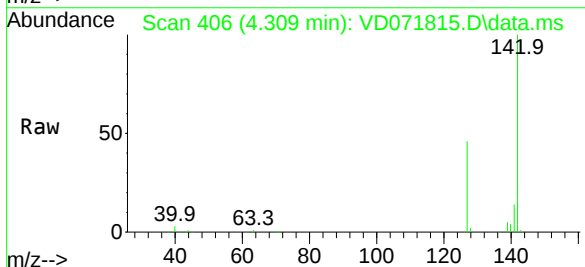
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

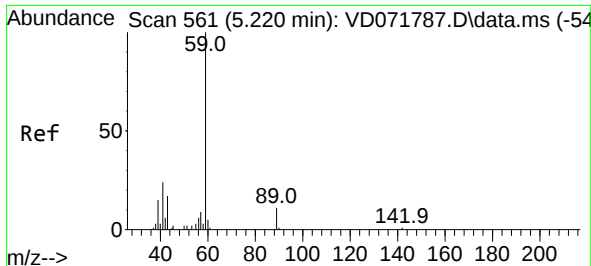
Tgt Ion:101 Resp: 276260
Ion Ratio Lower Upper
101 100
85 44.6 36.4 54.6
151 71.6 57.3 85.9



#10
Methyl Iodide
Concen: 57.052 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion:142 Resp: 306805
Ion Ratio Lower Upper
142 100
127 46.5 37.3 55.9
141 14.9 11.7 17.5

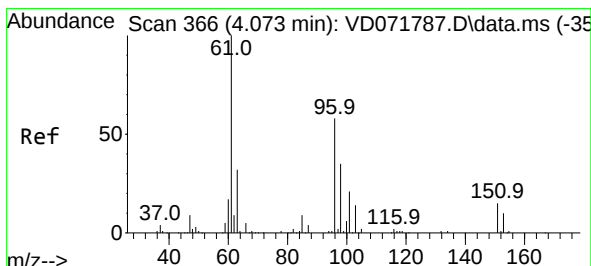
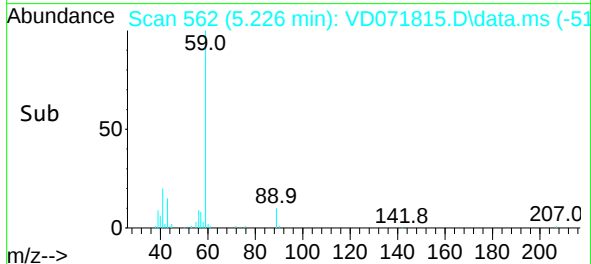
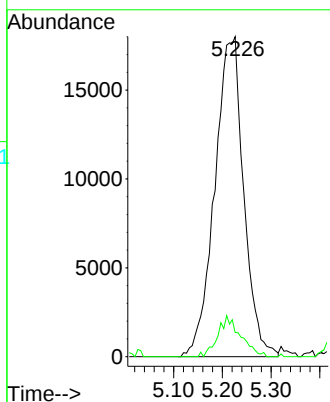
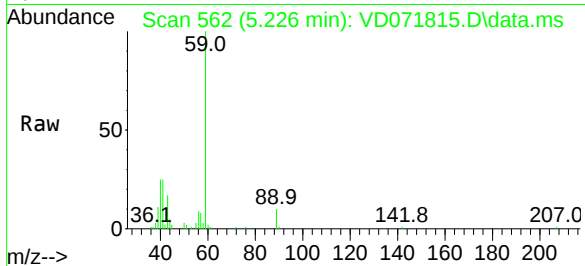




#11
Tert butyl alcohol
Concen: 221.356 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

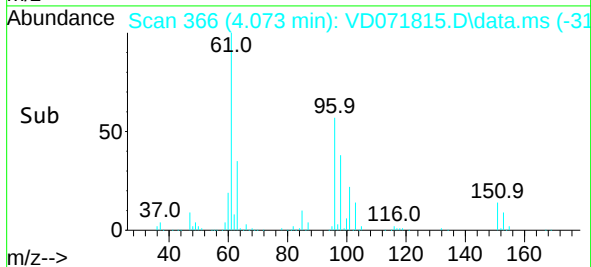
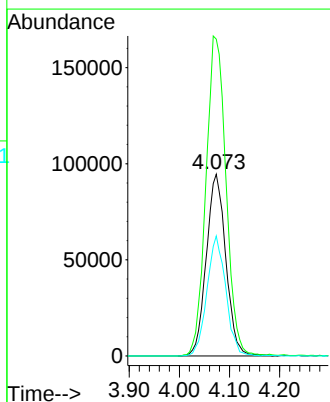
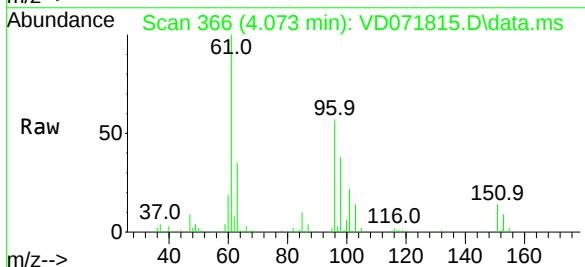
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

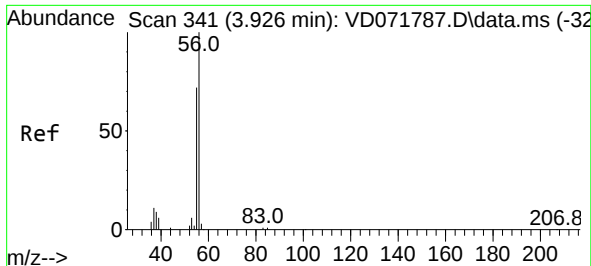
Tgt Ion: 59 Resp: 74317
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.6



#12
1,1-Dichloroethene
Concen: 53.462 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 96 Resp: 256372
Ion Ratio Lower Upper
96 100
61 174.3 138.5 207.7
98 66.0 48.6 73.0





#13

Acrolein

Concen: 232.957 ug/l

RT: 3.926 min Scan# 341

Delta R.T. 0.000 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

Instrument :

MSVOA_D

ClientSampleId :

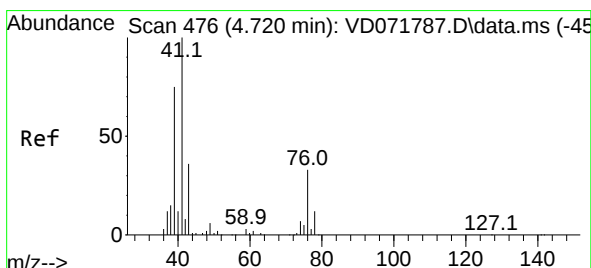
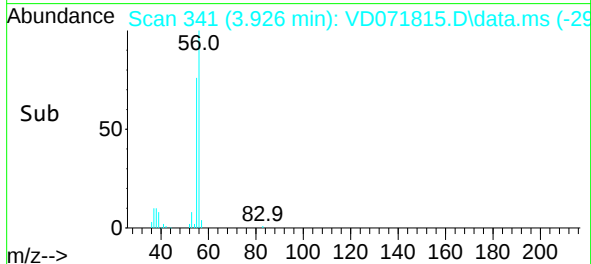
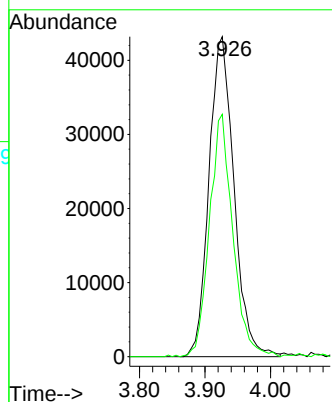
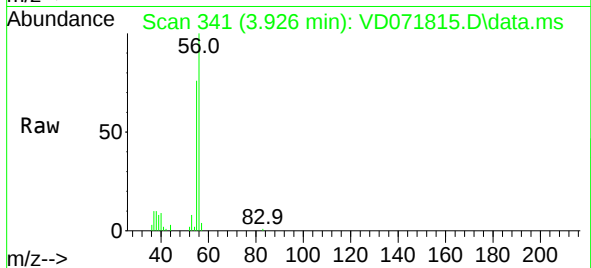
VSTDCCC050

Tgt Ion: 56 Resp: 114154

Ion Ratio Lower Upper

56 100

55 70.9 57.1 85.7



#14

Allyl chloride

Concen: 54.694 ug/l

RT: 4.720 min Scan# 476

Delta R.T. 0.000 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

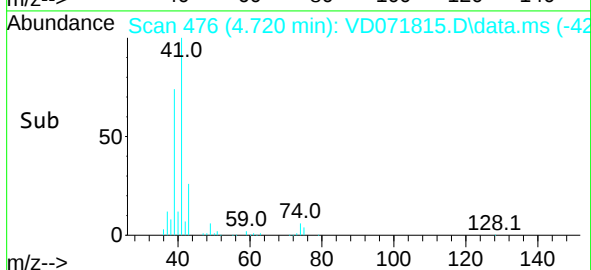
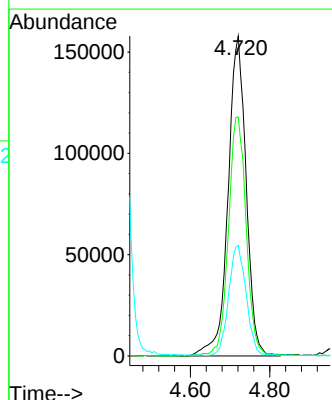
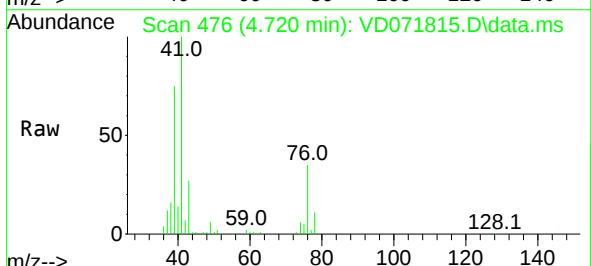
Tgt Ion: 41 Resp: 499952

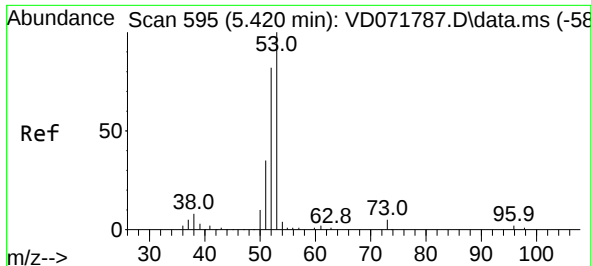
Ion Ratio Lower Upper

41 100

39 73.4 59.3 88.9

76 33.3 25.7 38.5

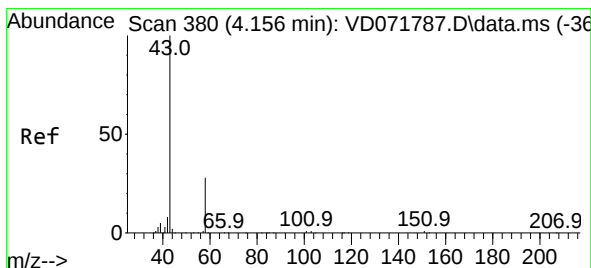
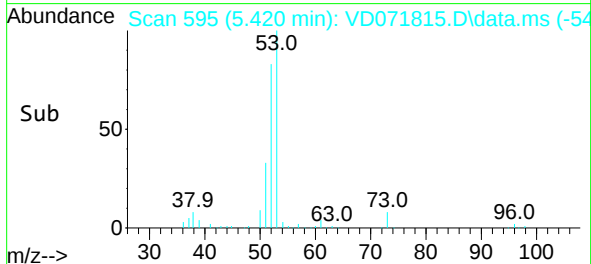
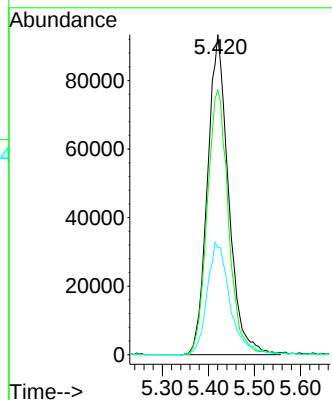
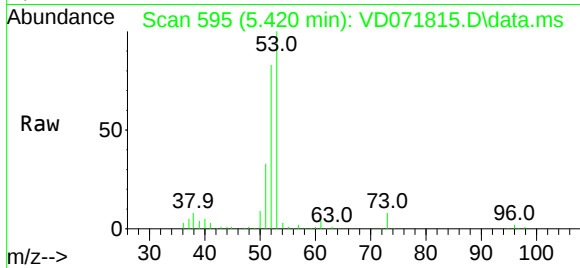




#15
Acrylonitrile
Concen: 238.115 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

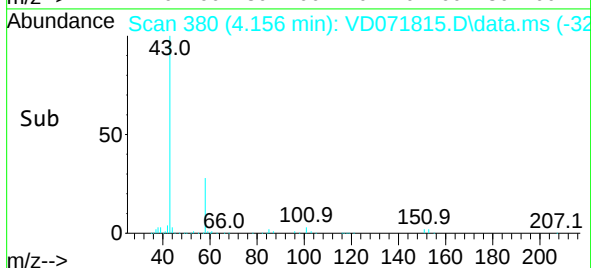
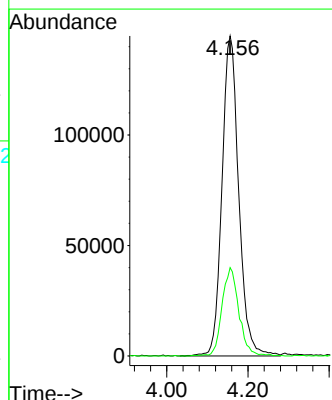
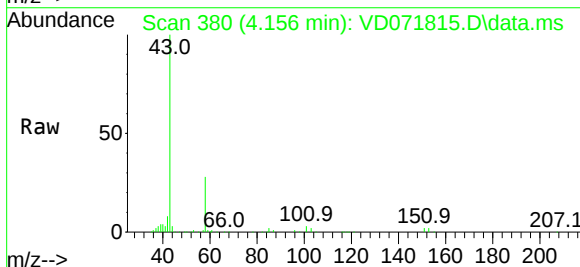
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

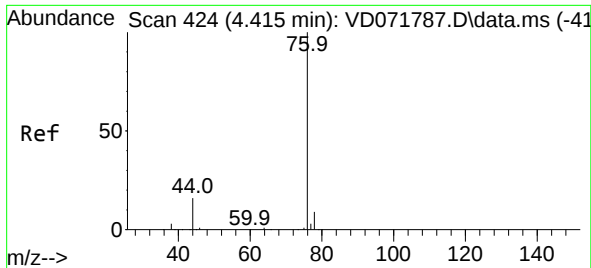
Tgt Ion: 53 Resp: 296904
Ion Ratio Lower Upper
53 100
52 83.6 67.2 100.8
51 38.0 30.3 45.5



#16
Acetone
Concen: 275.372 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 43 Resp: 415877
Ion Ratio Lower Upper
43 100
58 27.6 22.1 33.1

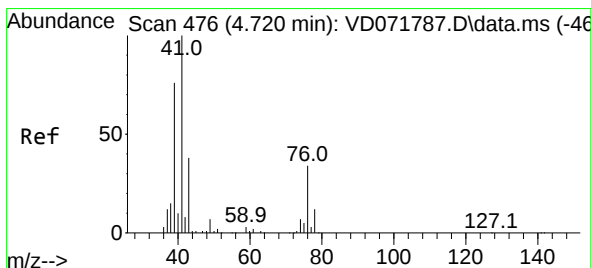
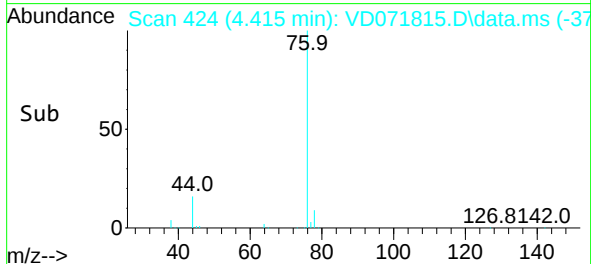
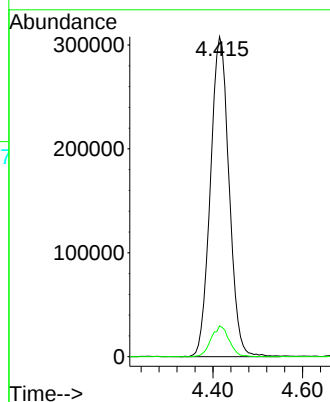
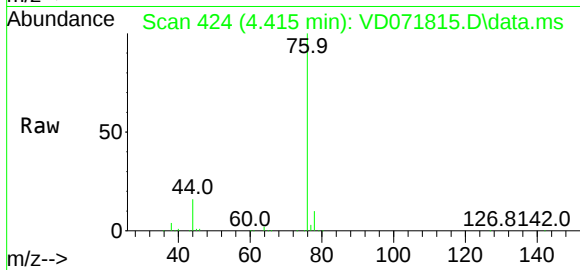




#17
Carbon Disulfide
Concen: 53.204 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

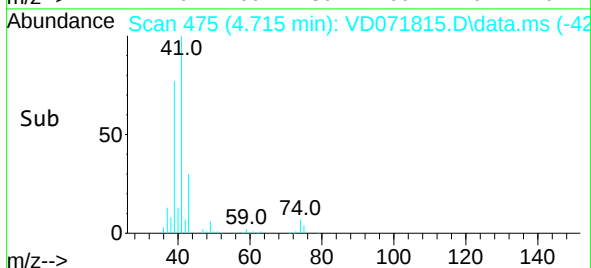
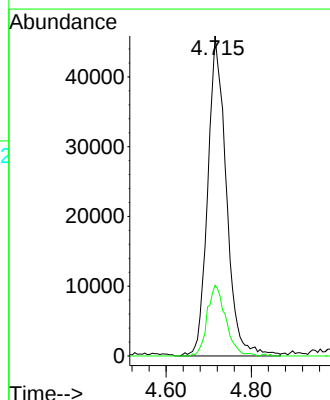
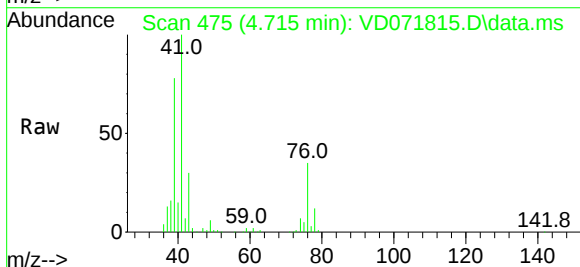
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

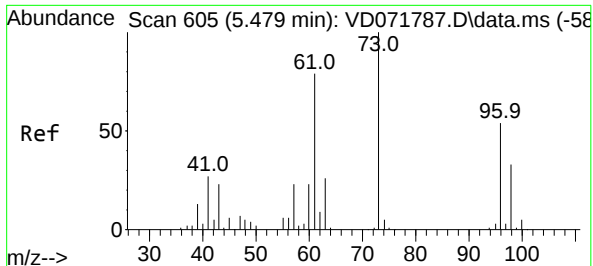
Tgt Ion: 76 Resp: 889625
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#18
Methyl Acetate
Concen: 42.544 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 43 Resp: 138918
Ion Ratio Lower Upper
43 100
74 21.7 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 50.879 ug/l

RT: 5.479 min Scan# 605

Delta R.T. 0.000 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

Instrument :

MSVOA_D

ClientSampleId :

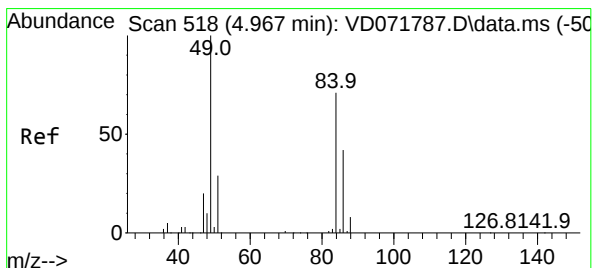
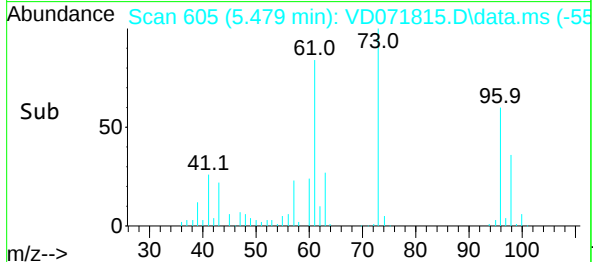
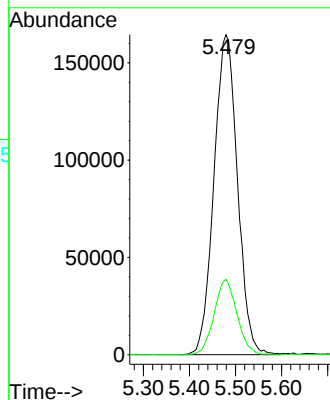
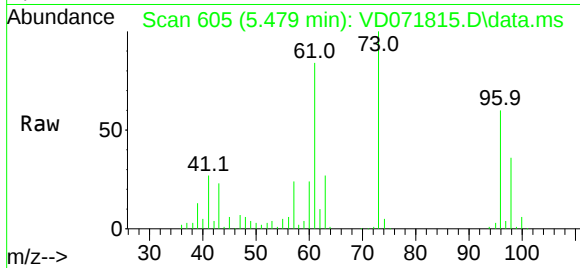
VSTDCCC050

Tgt Ion: 73 Resp: 583683

Ion Ratio Lower Upper

73 100

57 23.6 18.0 27.0



#20

Methylene Chloride

Concen: 51.646 ug/l

RT: 4.968 min Scan# 518

Delta R.T. 0.000 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

Tgt Ion: 84 Resp: 284018

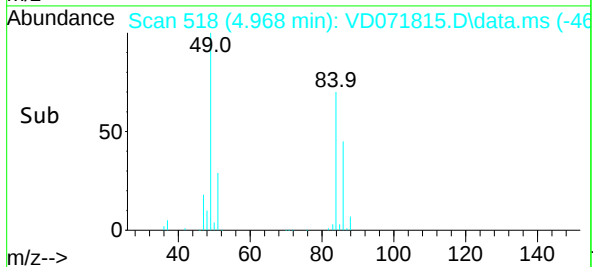
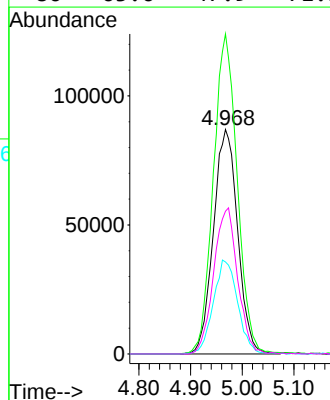
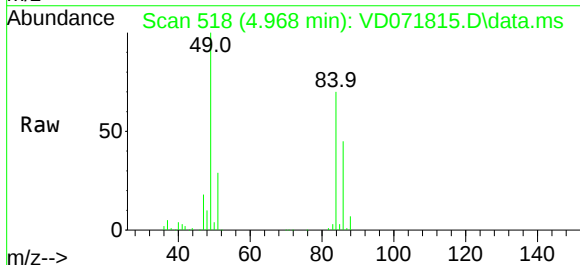
Ion Ratio Lower Upper

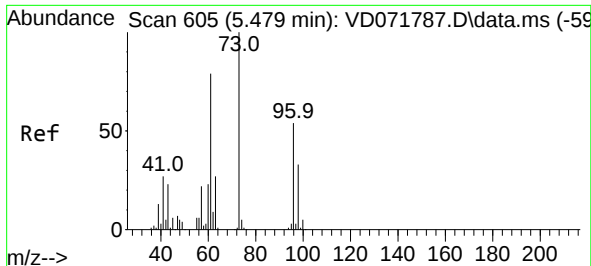
84 100

49 142.6 112.8 169.2

51 41.0 32.6 48.8

86 63.6 47.9 71.9

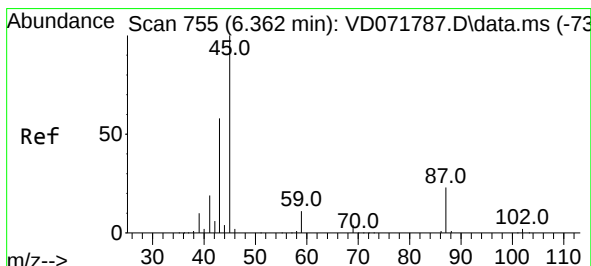
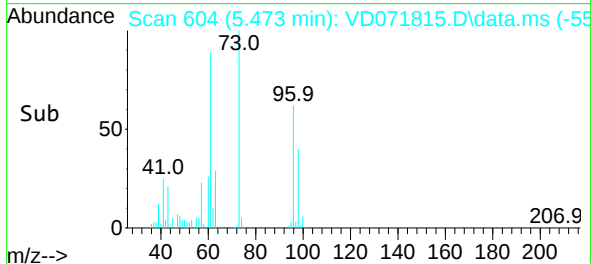
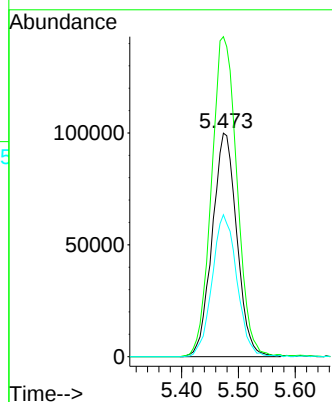
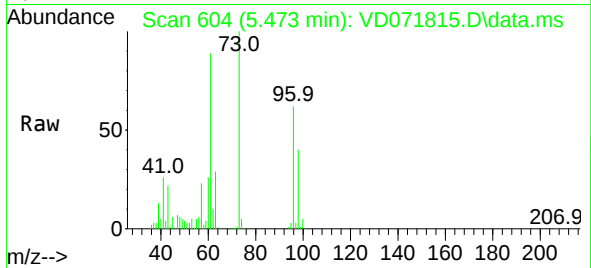




#21
trans-1,2-Dichloroethene
Concen: 53.802 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

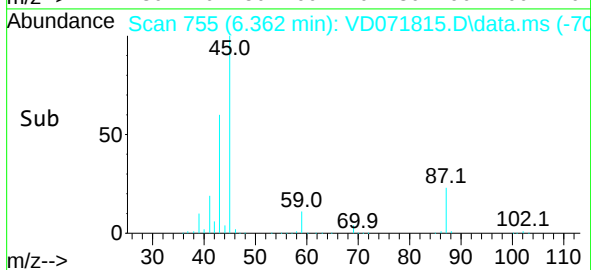
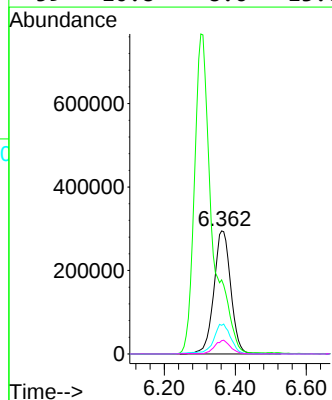
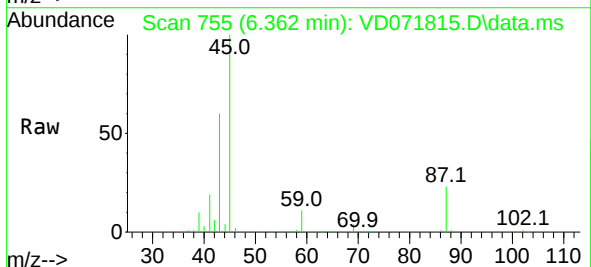
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

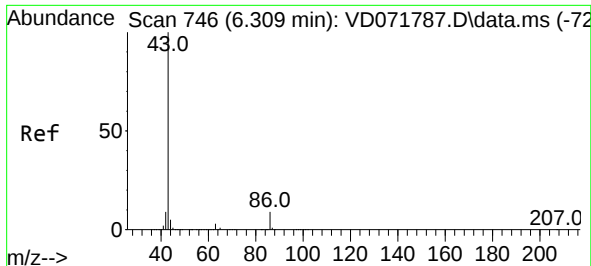
Tgt Ion: 96 Resp: 300356
Ion Ratio Lower Upper
96 100
61 143.1 117.9 176.9
98 63.5 49.4 74.2



#22
Diisopropyl ether
Concen: 54.411 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 45 Resp: 974815
Ion Ratio Lower Upper
45 100
43 59.4 46.6 70.0
87 23.2 18.4 27.6
59 10.8 8.6 13.0

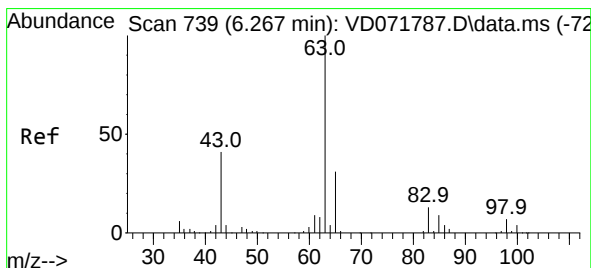
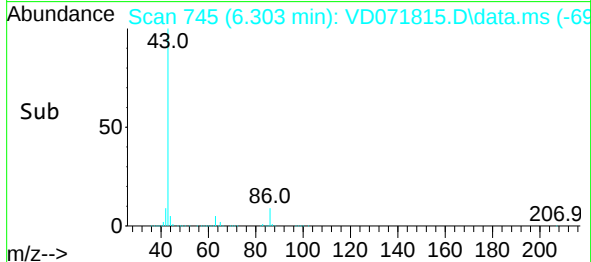
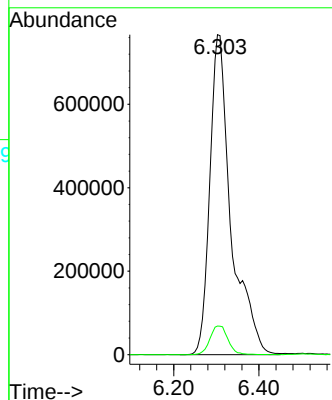
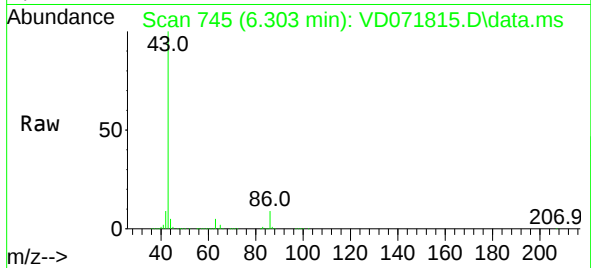




#23
 Vinyl Acetate
 Concen: 268.700 ug/l
 RT: 6.303 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD071815.D
 Acq: 28 Jan 2022 10:28

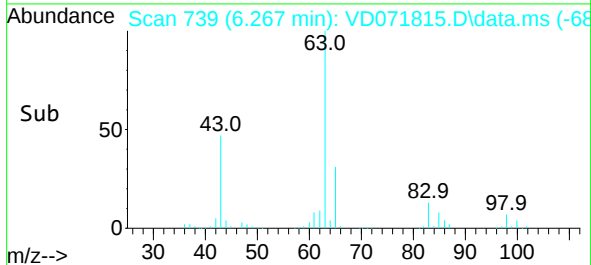
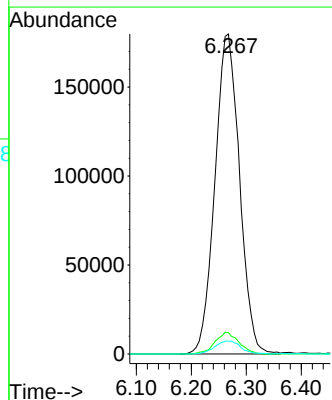
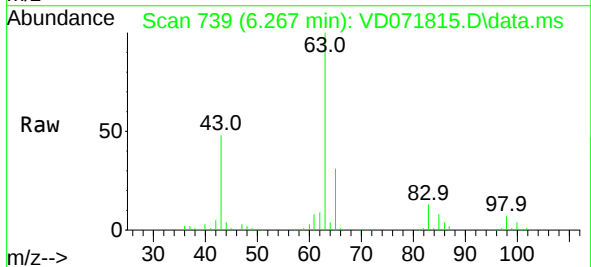
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

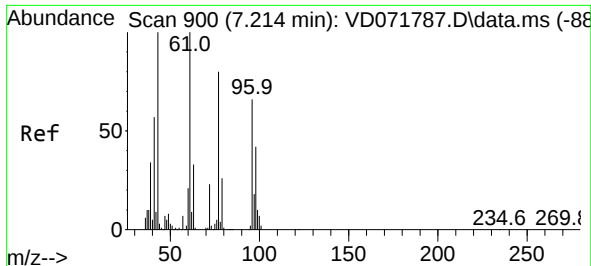
Tgt Ion: 43 Resp: 2655645
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 53.503 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD071815.D
 Acq: 28 Jan 2022 10:28

Tgt Ion: 63 Resp: 558697
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 4.0 2.1 6.5

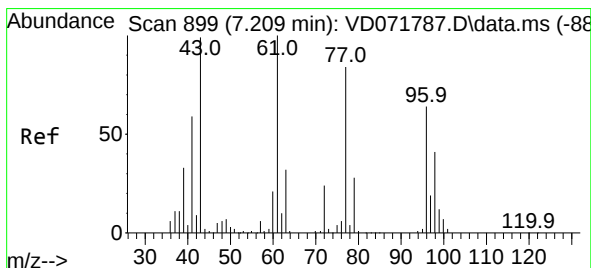
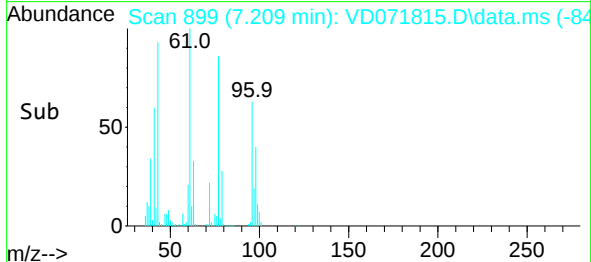
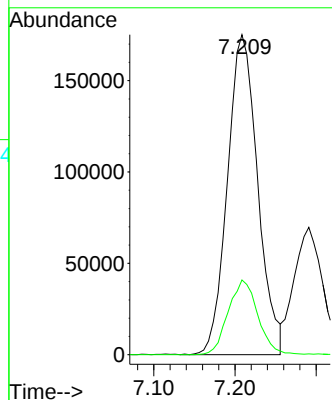
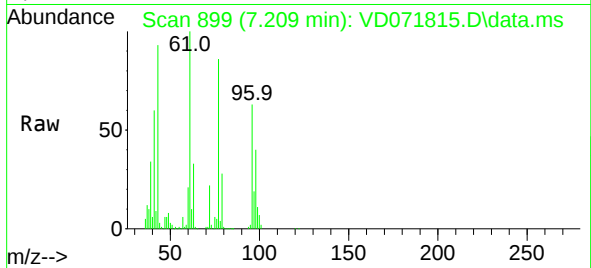




#25
2-Butanone
Concen: 258.115 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

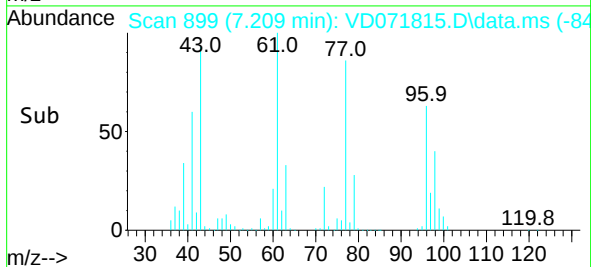
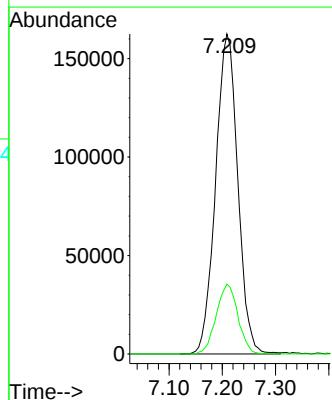
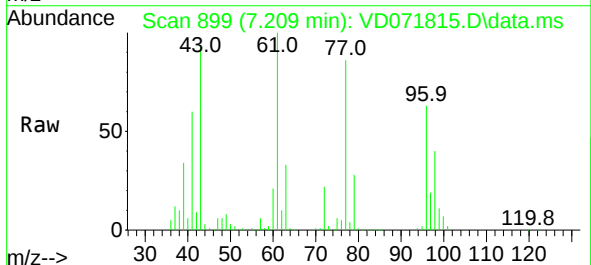
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

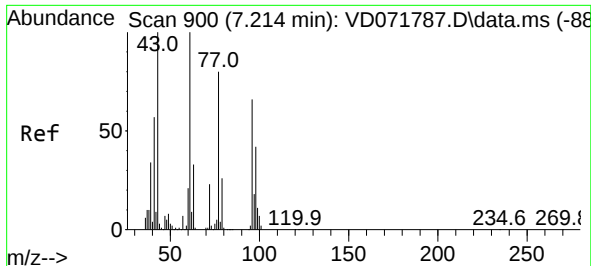
Tgt Ion: 43 Resp: 454436
Ion Ratio Lower Upper
43 100
72 23.4 18.6 27.8



#26
2,2-Dichloropropane
Concen: 54.324 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 77 Resp: 469430
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.4

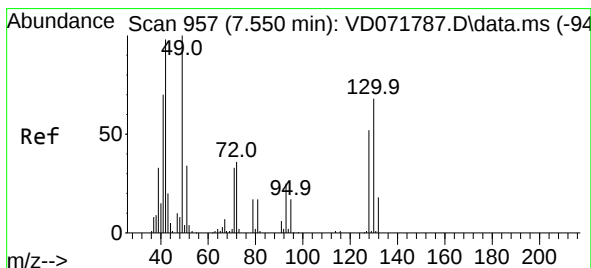
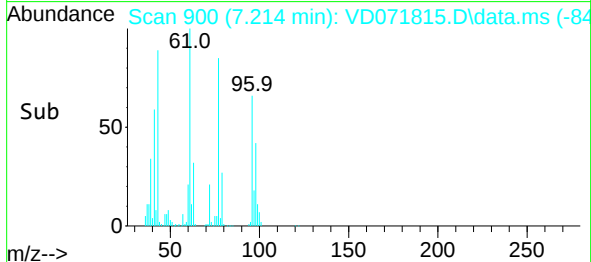
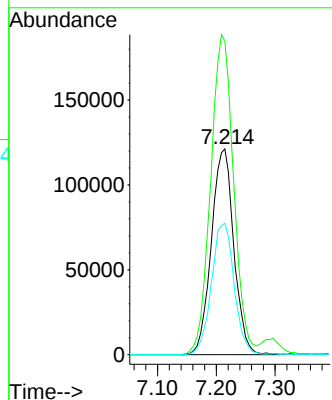
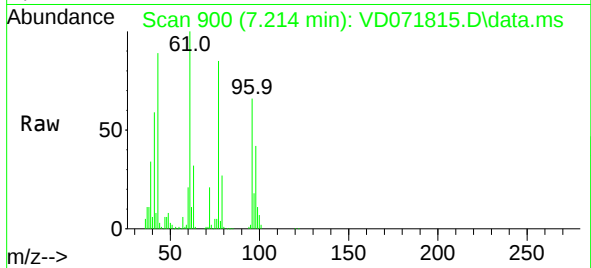




#27
 cis-1,2-Dichloroethene
 Concen: 53.761 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. 0.000 min
 Lab File: VD071815.D
 Acq: 28 Jan 2022 10:28

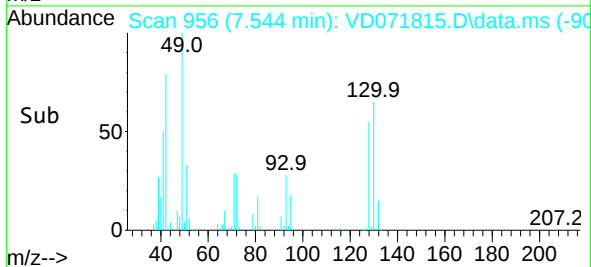
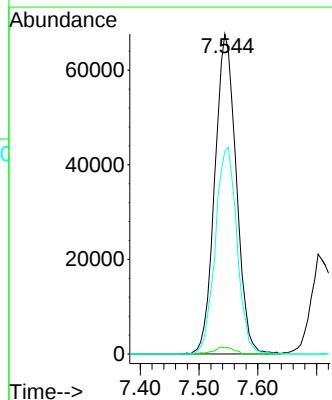
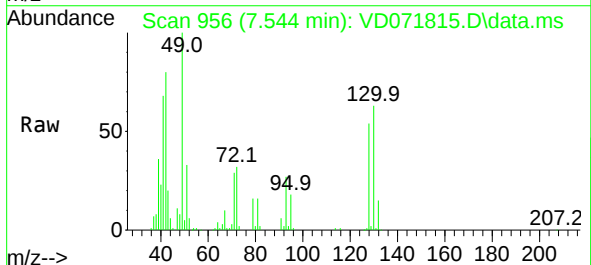
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

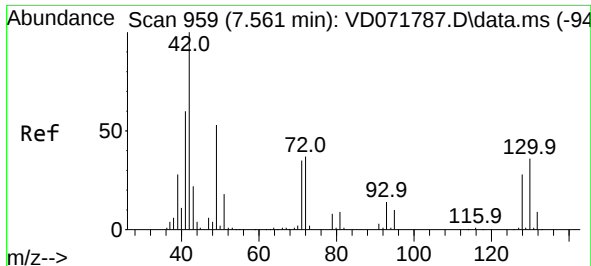
Tgt Ion: 96 Resp: 322354
 Ion Ratio Lower Upper
 96 100
 61 158.6 0.0 313.8
 98 64.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 43.428 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.006 min
 Lab File: VD071815.D
 Acq: 28 Jan 2022 10:28

Tgt Ion: 49 Resp: 171047
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 65.4 52.6 79.0





#29

Tetrahydrofuran

Concen: 236.519 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

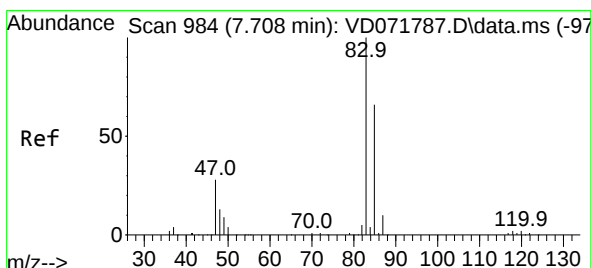
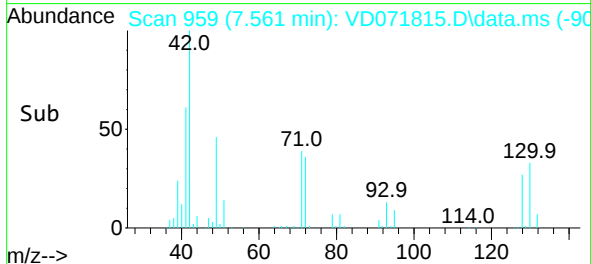
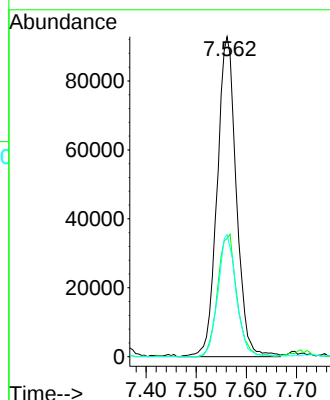
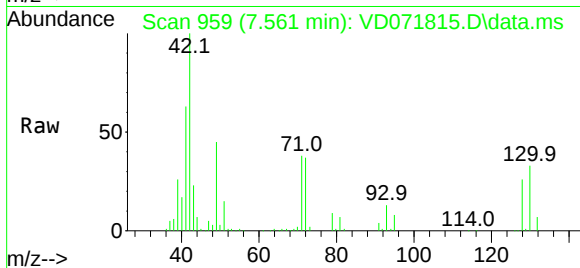
Tgt Ion: 42 Resp: 246388

Ion Ratio Lower Upper

42 100

72 38.2 30.7 46.1

71 36.7 28.6 43.0



#30

Chloroform

Concen: 52.440 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD071815.D

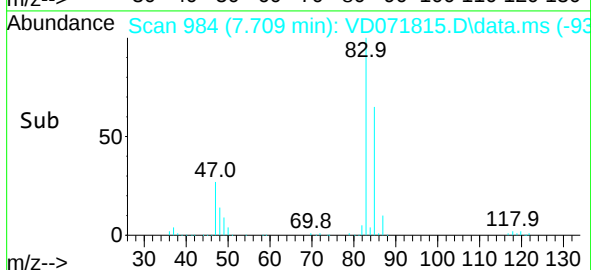
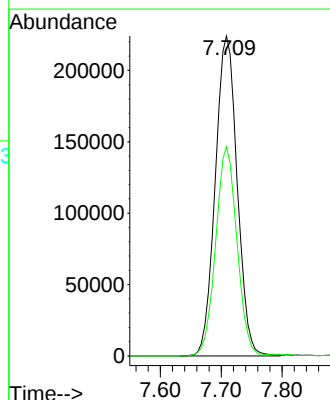
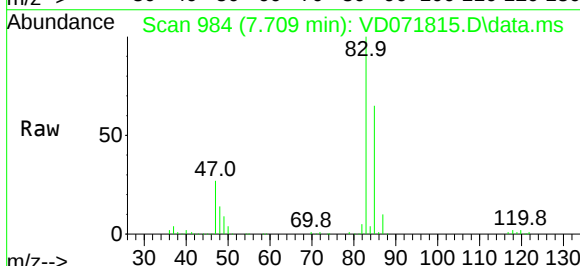
Acq: 28 Jan 2022 10:28

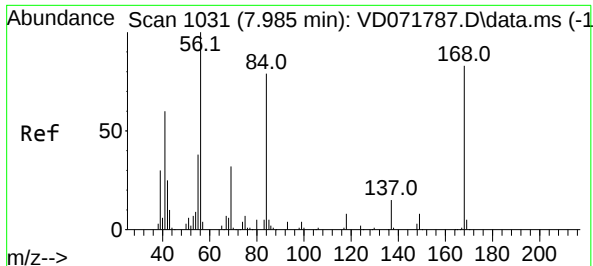
Tgt Ion: 83 Resp: 559446

Ion Ratio Lower Upper

83 100

85 65.4 52.7 79.1





#31

Cyclohexane

Concen: 51.980 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

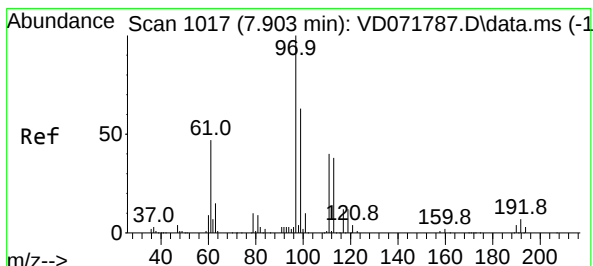
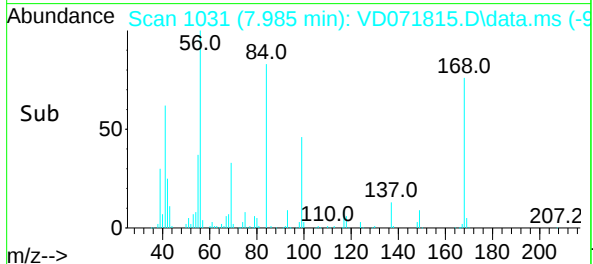
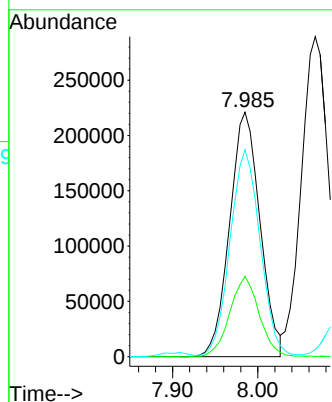
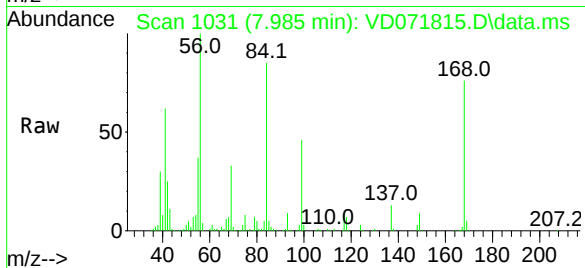
Tgt Ion: 56 Resp: 547479

Ion Ratio Lower Upper

56 100

69 32.9 25.4 38.2

84 82.9 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 53.181 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

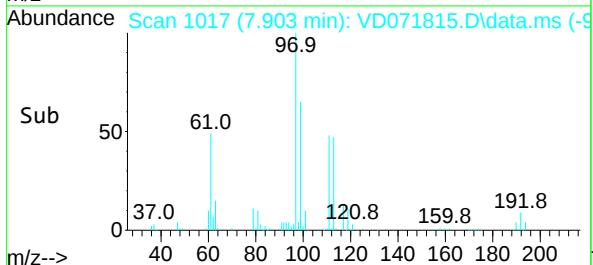
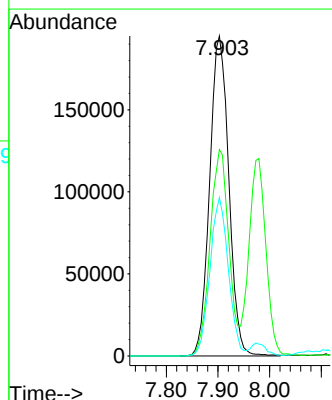
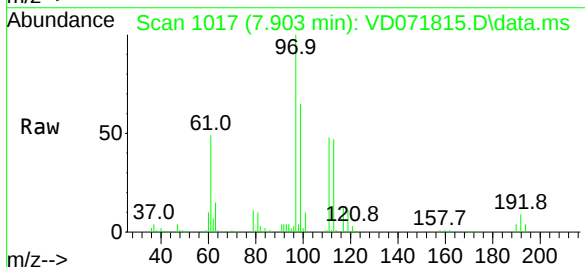
Tgt Ion: 97 Resp: 500420

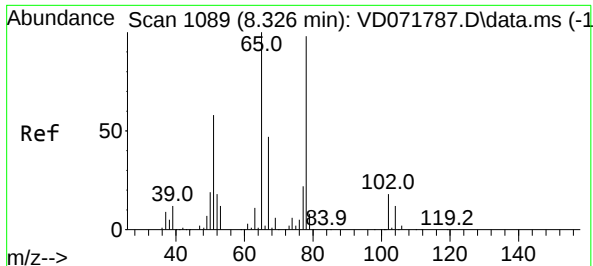
Ion Ratio Lower Upper

97 100

99 64.2 52.4 78.6

61 48.1 38.0 57.0

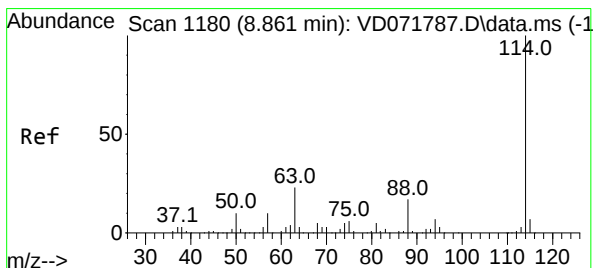
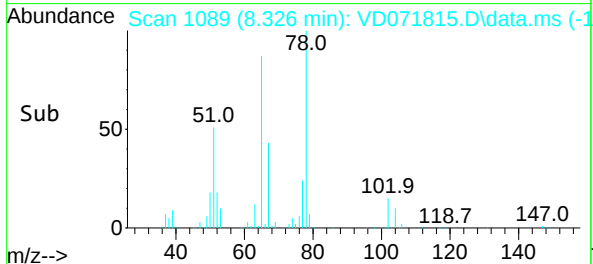
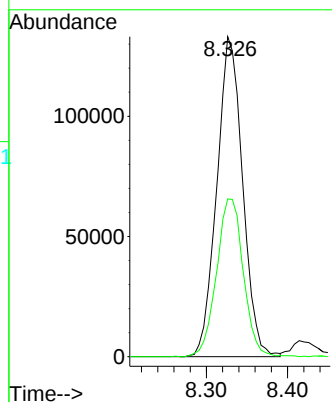
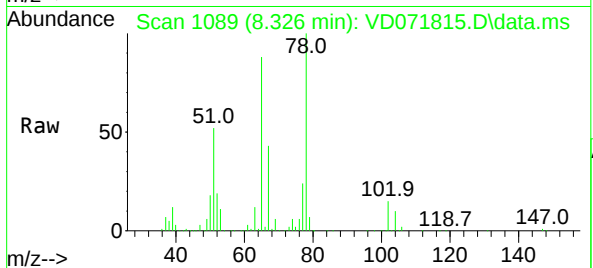




#33
1,2-Dichloroethane-d4
Concen: 53.268 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

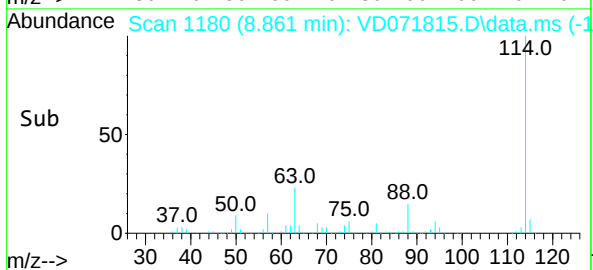
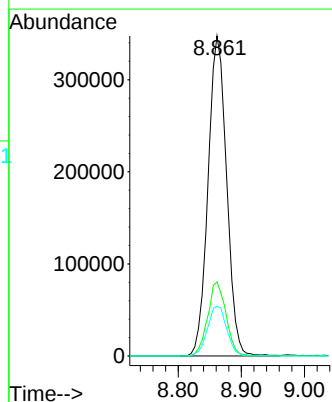
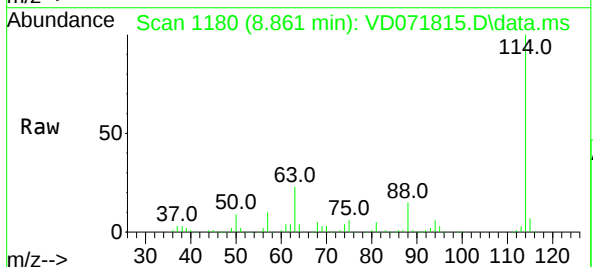
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

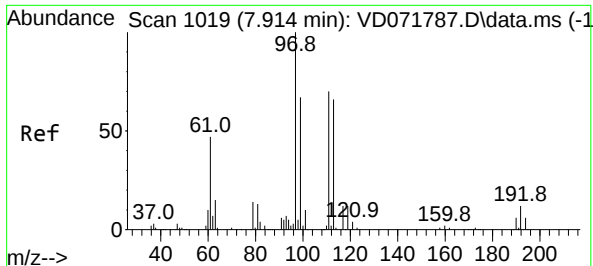
Tgt Ion: 65 Resp: 293881
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 114 Resp: 709755
Ion Ratio Lower Upper
114 100
63 23.1 0.0 46.6
88 15.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 55.946 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

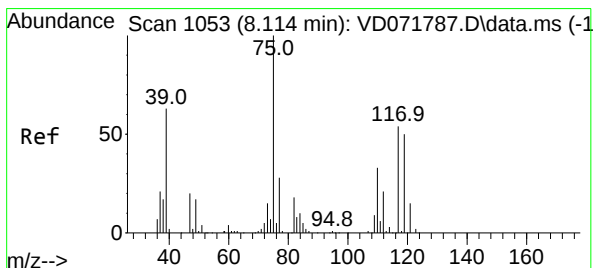
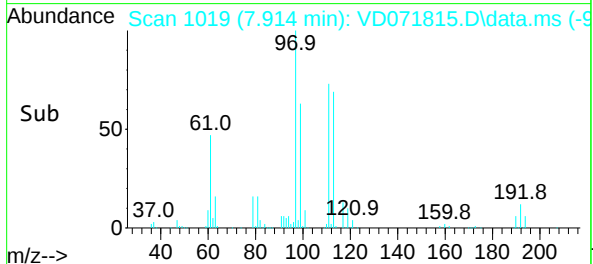
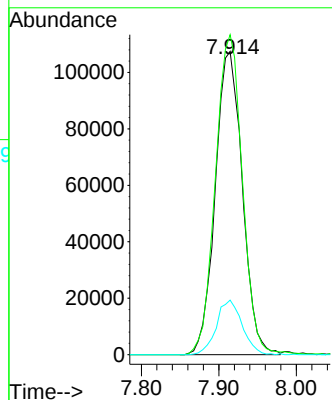
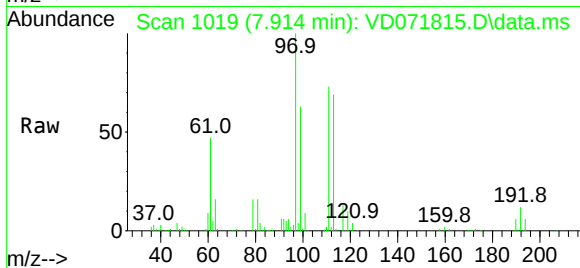
Tgt Ion:113 Resp: 261014

Ion Ratio Lower Upper

113 100

111 105.2 83.8 125.6

192 17.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 56.223 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. -0.006 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

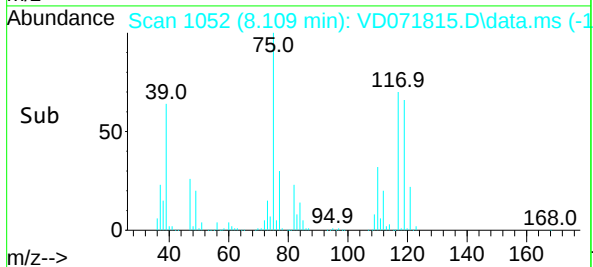
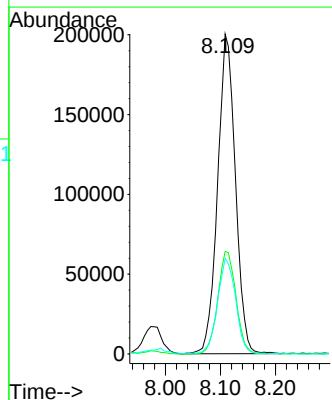
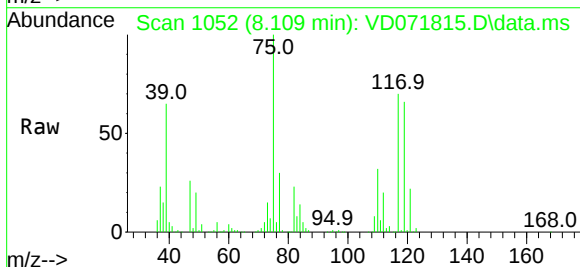
Tgt Ion: 75 Resp: 450206

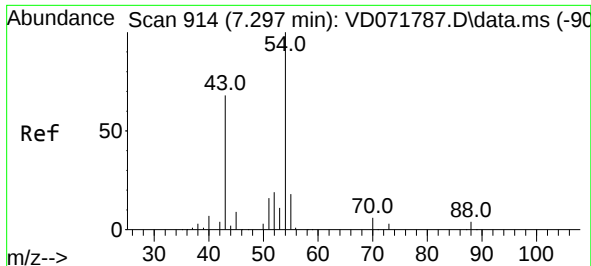
Ion Ratio Lower Upper

75 100

110 33.0 16.4 49.1

77 30.5 24.2 36.2





#37

Ethyl Acetate

Concen: 47.391 ug/l

RT: 7.291 min Scan# 914

Delta R.T. -0.006 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

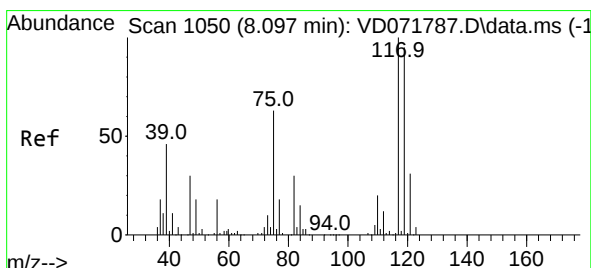
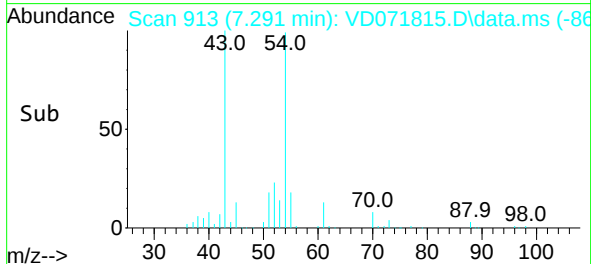
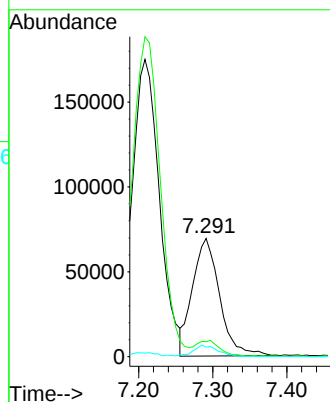
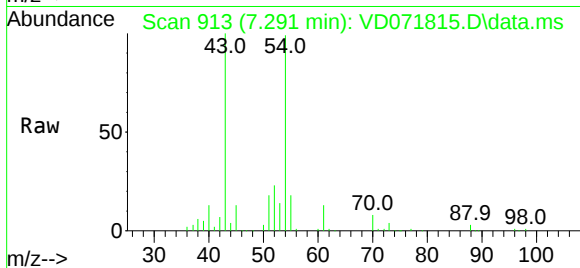
Tgt Ion: 43 Resp: 176433

Ion Ratio Lower Upper

43 100

61 11.6 9.8 14.8

70 8.9 6.9 10.3



#38

Carbon Tetrachloride

Concen: 56.097 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

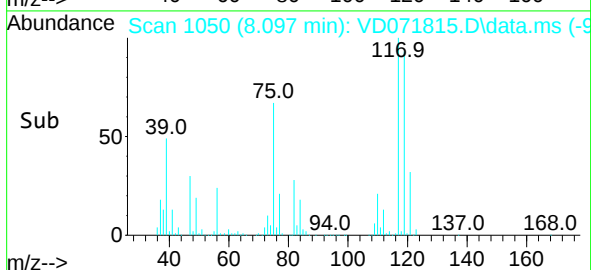
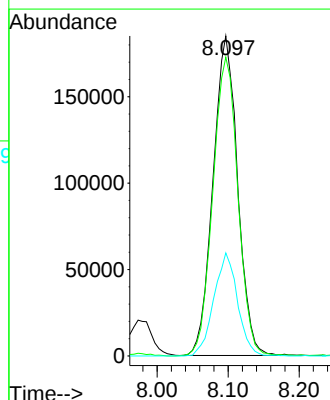
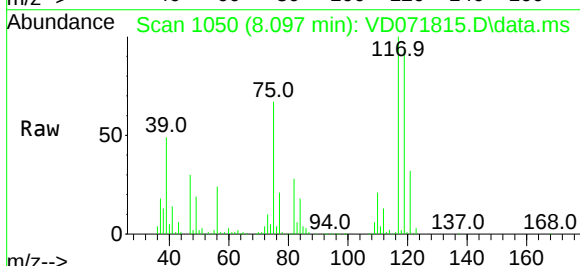
Tgt Ion: 117 Resp: 444228

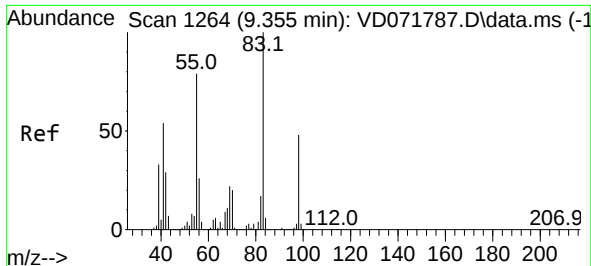
Ion Ratio Lower Upper

117 100

119 93.4 75.8 113.6

121 32.3 24.5 36.7





#39

Methylcyclohexane

Concen: 57.004 ug/l

RT: 9.356 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

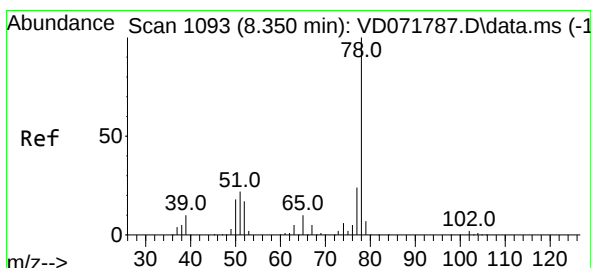
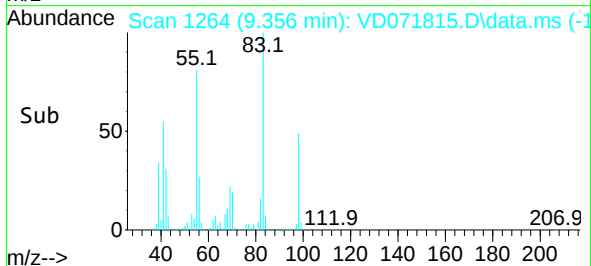
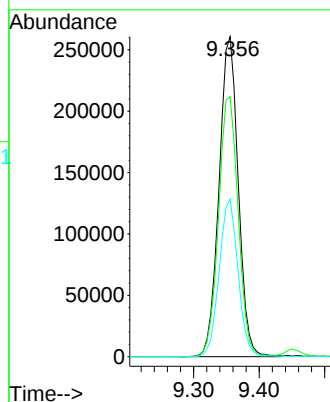
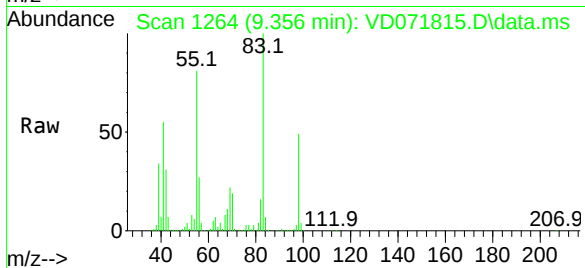
Tgt Ion: 83 Resp: 528895

Ion Ratio Lower Upper

83 100

55 81.3 63.2 94.8

98 49.2 38.2 57.4



#40

Benzene

Concen: 55.581 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD071815.D

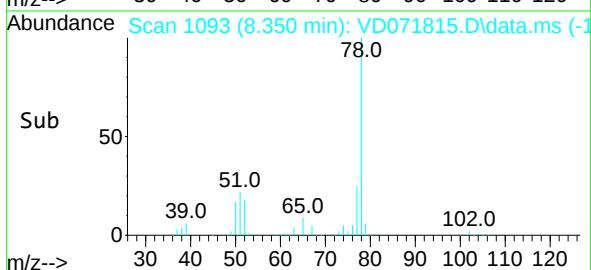
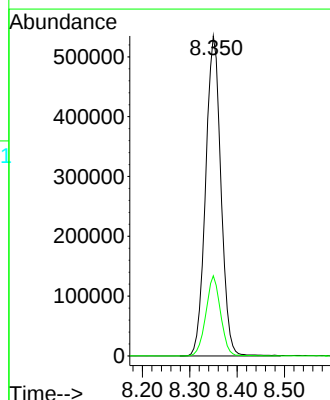
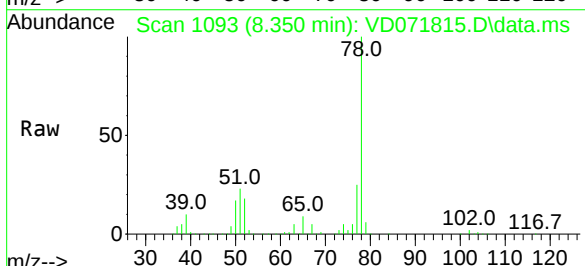
Acq: 28 Jan 2022 10:28

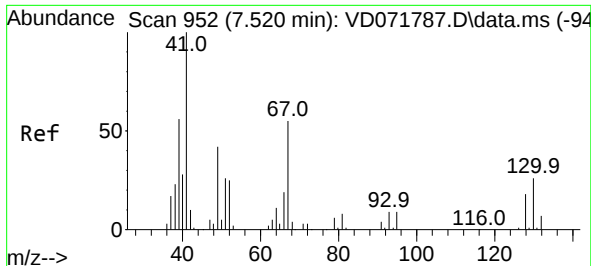
Tgt Ion: 78 Resp: 1201386

Ion Ratio Lower Upper

78 100

77 25.0 19.1 28.7



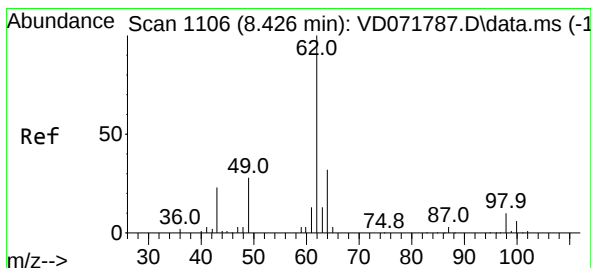
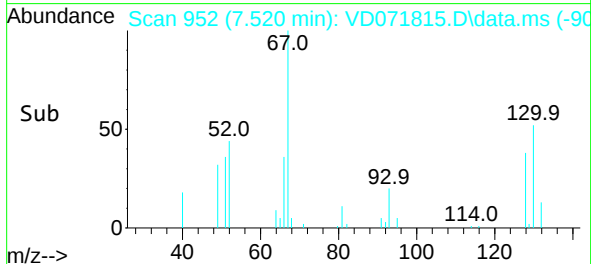
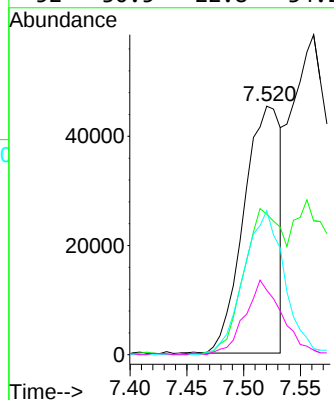
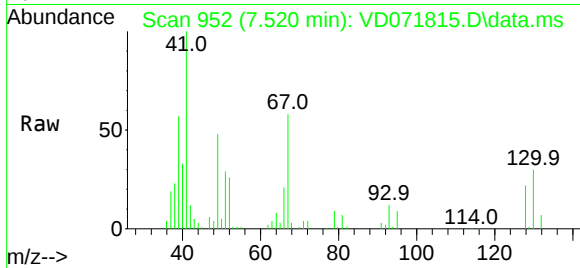


#41
Methacrylonitrile
Concen: 48.182 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 101479

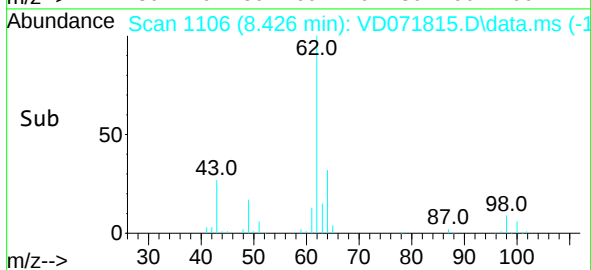
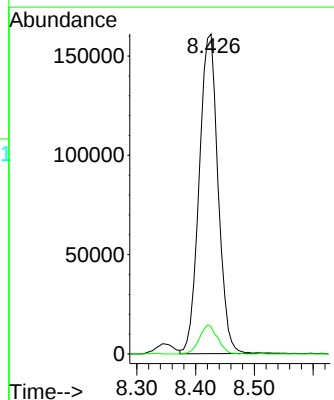
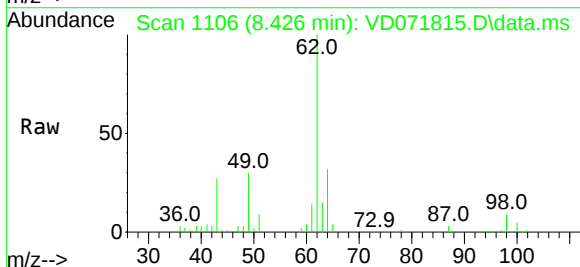
Ion	Ratio	Lower	Upper
41	100		
39	64.7	44.6	67.0
67	65.4	48.2	72.4
52	30.5	22.8	34.2

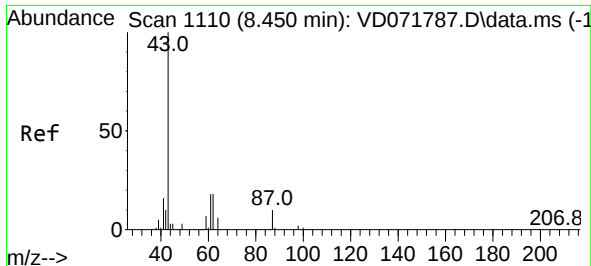


#42
1,2-Dichloroethane
Concen: 52.465 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 62 Resp: 358093

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6

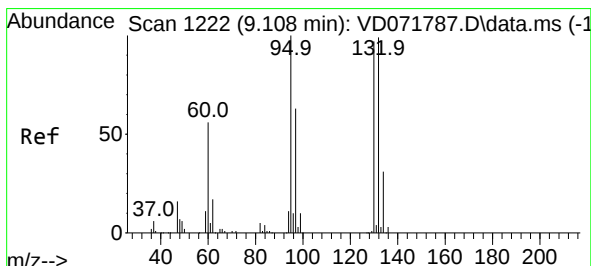
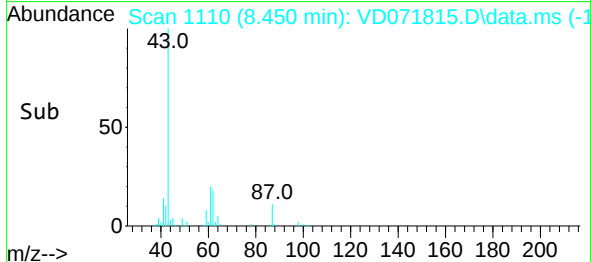
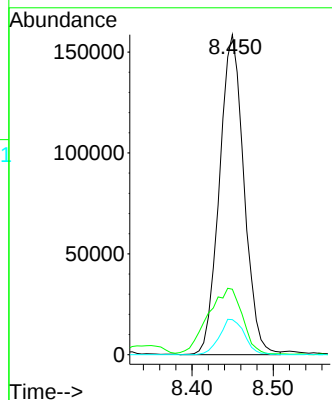
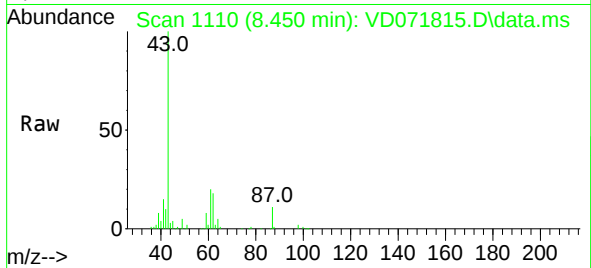




#43
Isopropyl Acetate
Concen: 49.827 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

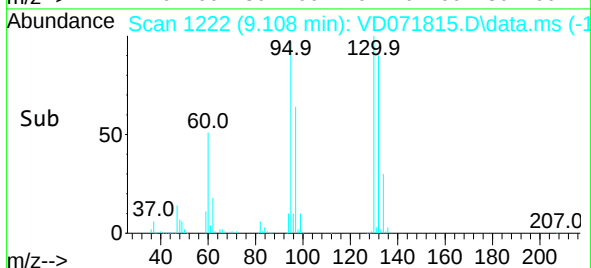
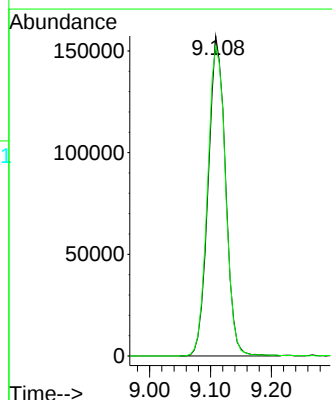
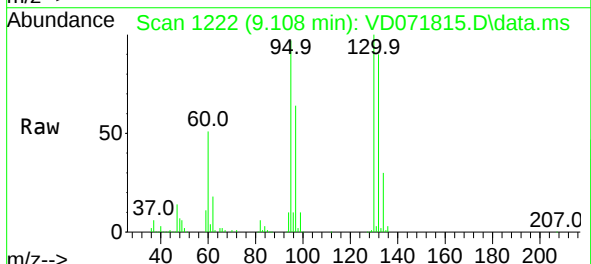
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

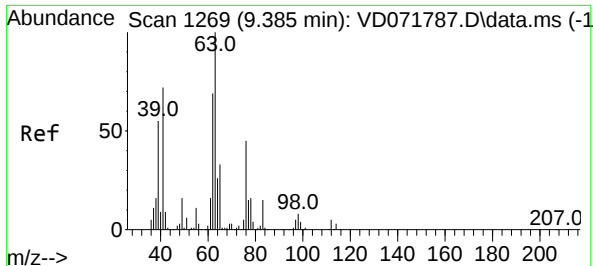
Tgt Ion: 43 Resp: 333407
Ion Ratio Lower Upper
43 100
61 29.1 22.4 33.6
87 11.3 8.7 13.1



#44
Trichloroethene
Concen: 55.665 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion:130 Resp: 310663
Ion Ratio Lower Upper
130 100
95 96.9 0.0 205.4





#45

1,2-Dichloropropane

Concen: 55.117 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

Instrument :

MSVOA_D

ClientSampleId :

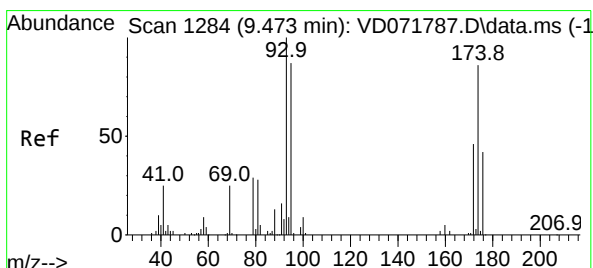
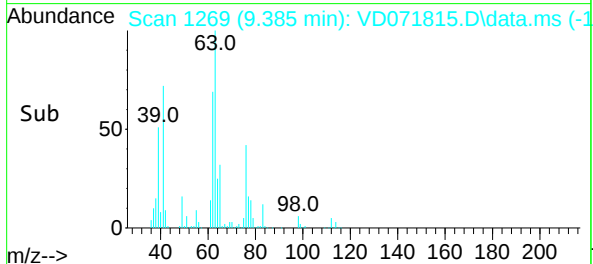
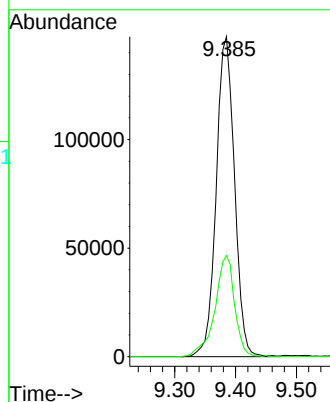
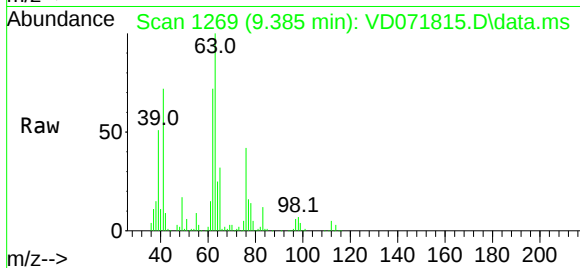
VSTDCCC050

Tgt Ion: 63 Resp: 307188

Ion Ratio Lower Upper

63 100

65 31.6 26.2 39.4



#46

Dibromomethane

Concen: 52.967 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

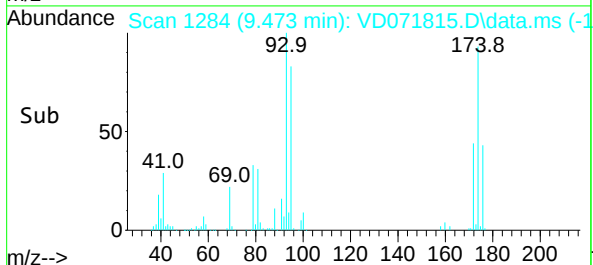
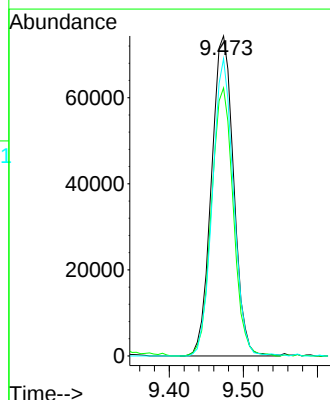
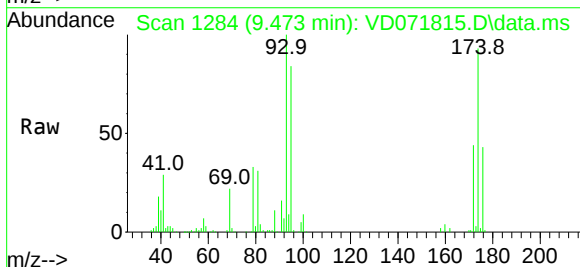
Tgt Ion: 93 Resp: 154572

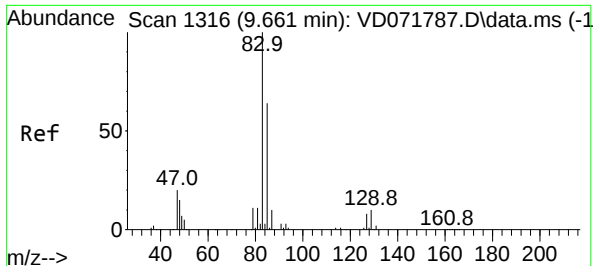
Ion Ratio Lower Upper

93 100

95 82.3 66.7 100.1

174 88.2 71.6 107.4

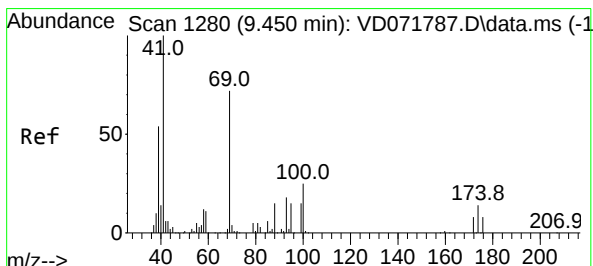
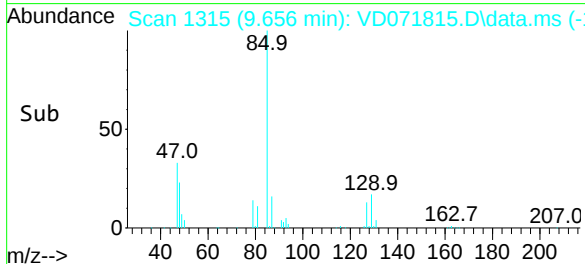
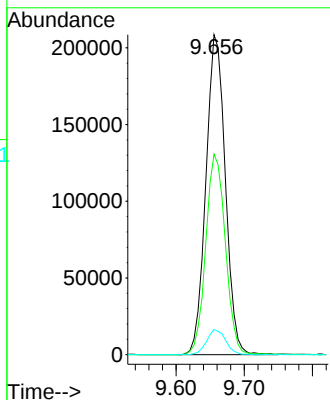
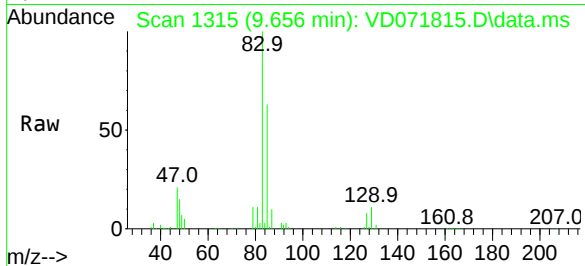




#47
Bromodichloromethane
Concen: 53.644 ug/l
RT: 9.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

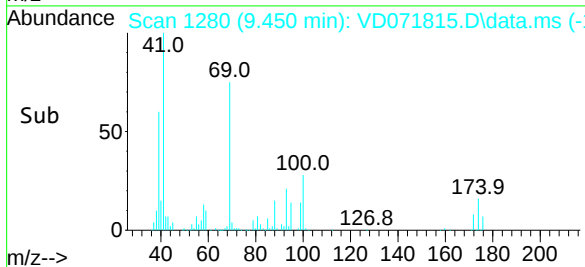
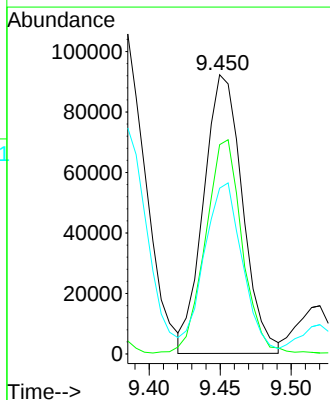
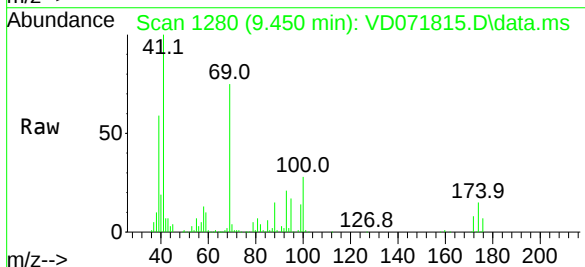
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

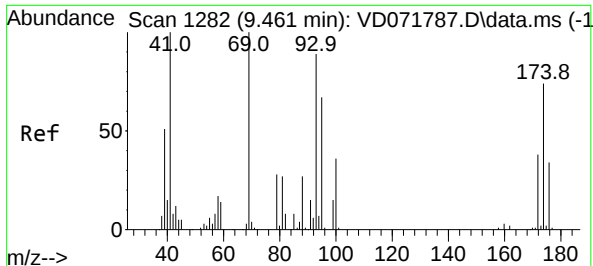
Tgt Ion: 83 Resp: 414018
Ion Ratio Lower Upper
83 100
85 62.7 51.4 77.0
127 7.9 6.1 9.1



#48
Methyl methacrylate
Concen: 49.545 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 41 Resp: 175449
Ion Ratio Lower Upper
41 100
69 72.3 56.7 85.1
39 60.5 42.7 64.1





#49

1,4-Dioxane

Concen: 954.244 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

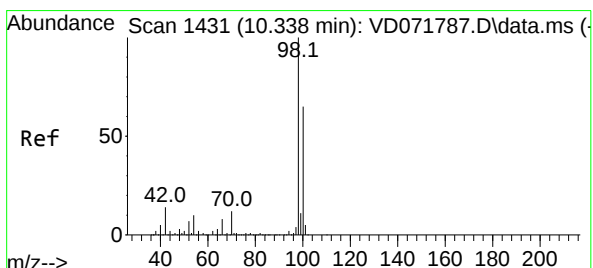
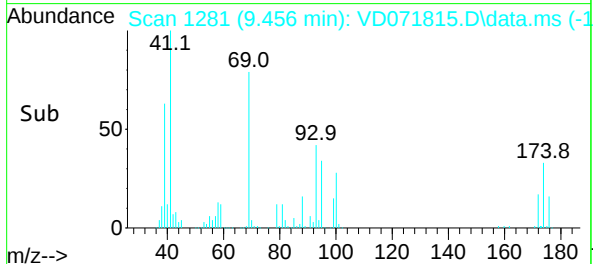
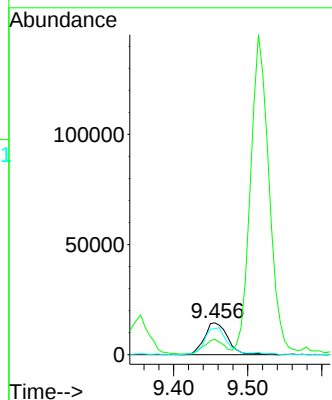
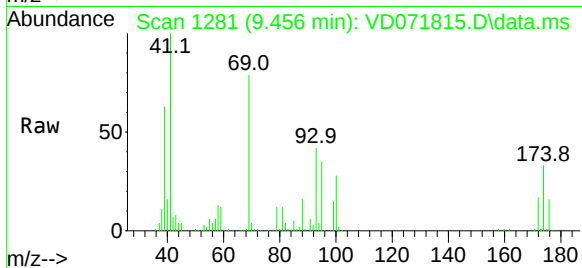
Tgt Ion: 88 Resp: 31785

Ion Ratio Lower Upper

88 100

43 39.3 31.0 46.4

58 80.4 58.1 87.1



#50

Toluene-d8

Concen: 58.408 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VD071815.D

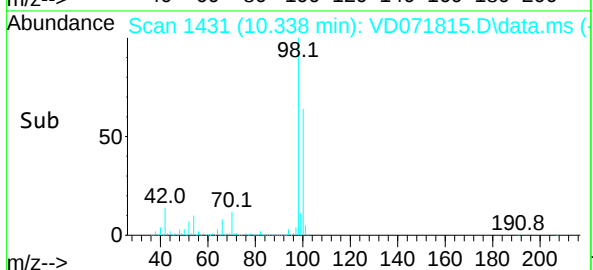
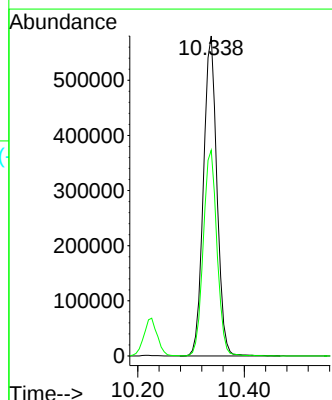
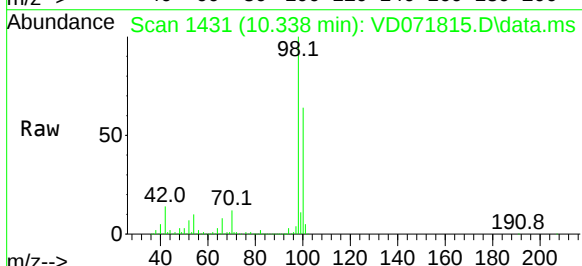
Acq: 28 Jan 2022 10:28

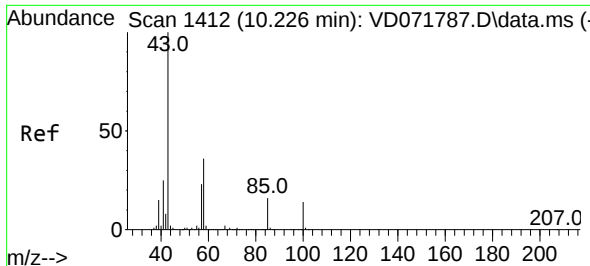
Tgt Ion: 98 Resp: 1017697

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6

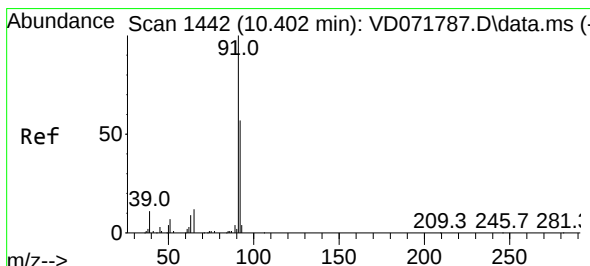
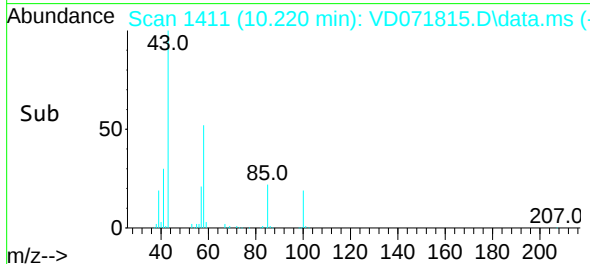
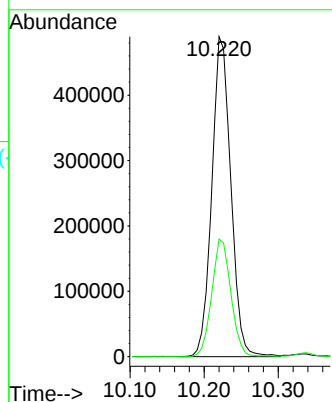
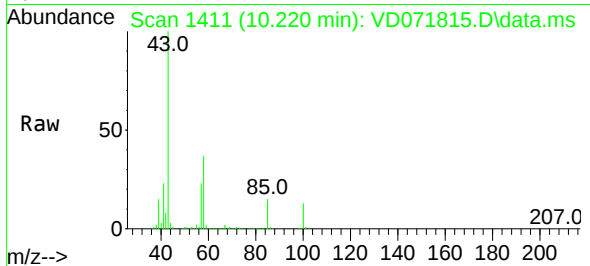




#51
4-Methyl-2-Pentanone
Concen: 249.377 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

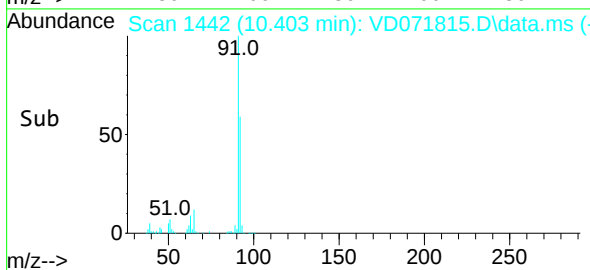
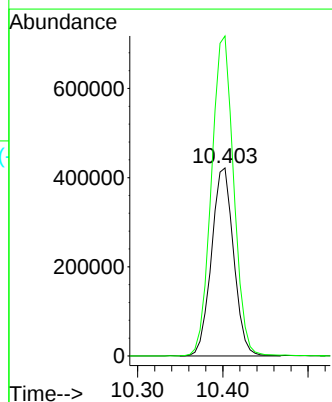
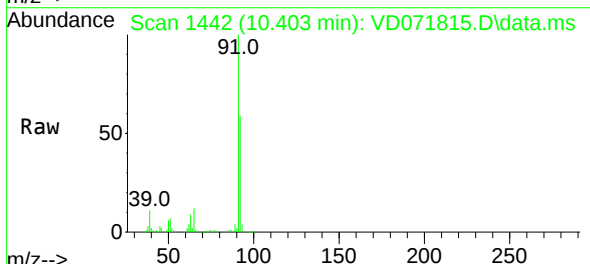
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

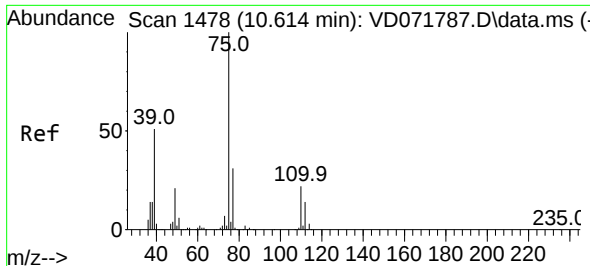
Tgt Ion: 43 Resp: 873210
Ion Ratio Lower Upper
43 100
58 37.0 28.6 43.0



#52
Toluene
Concen: 56.584 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 92 Resp: 760547
Ion Ratio Lower Upper
92 100
91 172.0 139.6 209.4

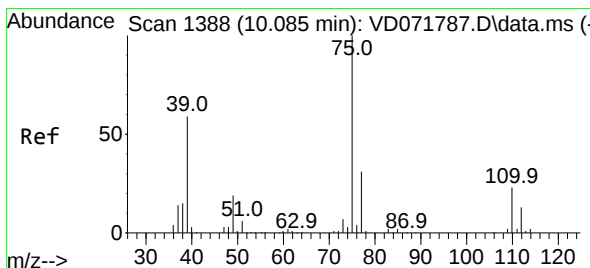
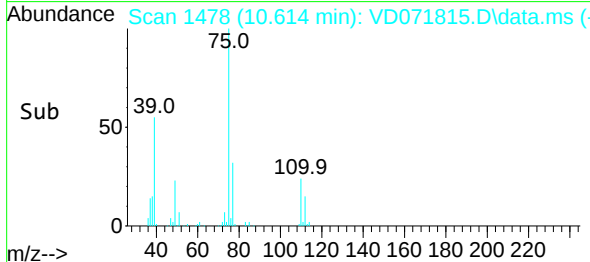
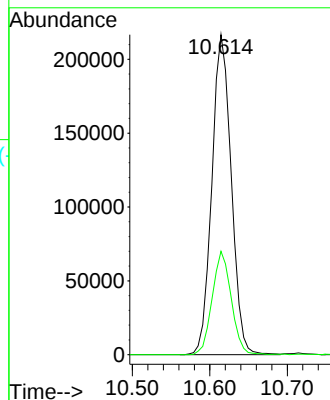
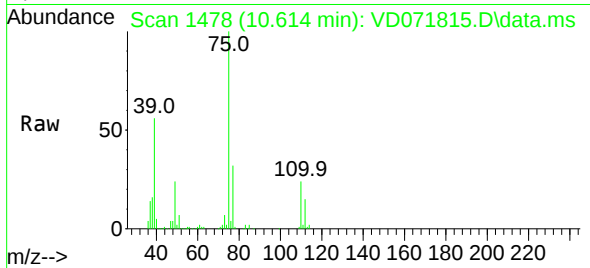




#53
t-1,3-Dichloropropene
Concen: 53.299 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

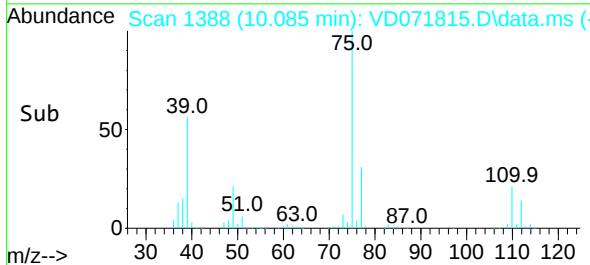
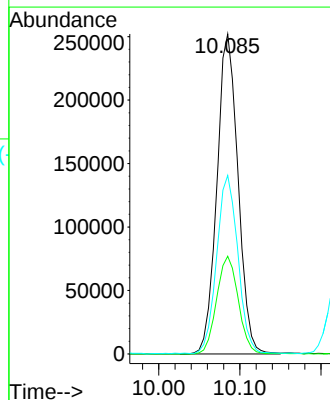
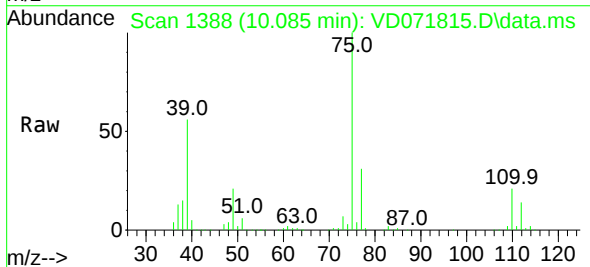
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

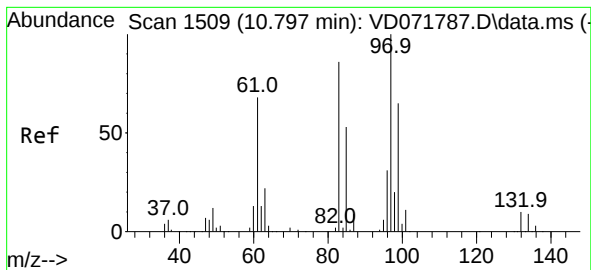
Tgt Ion: 75 Resp: 377813
Ion Ratio Lower Upper
75 100
77 32.3 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 54.808 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 75 Resp: 455401
Ion Ratio Lower Upper
75 100
77 30.6 24.8 37.2
39 55.7 46.8 70.2



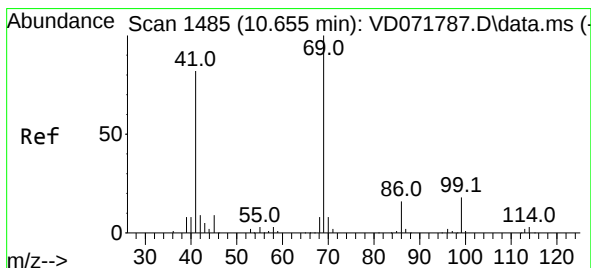
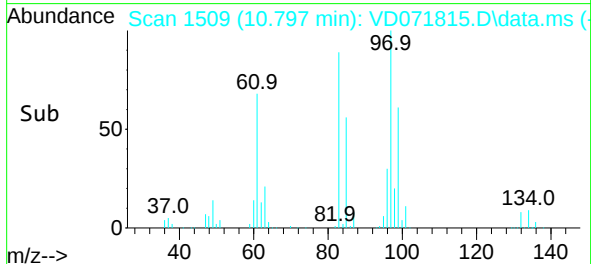
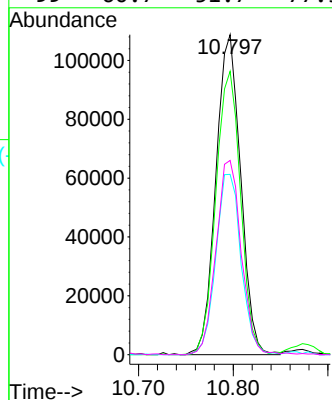
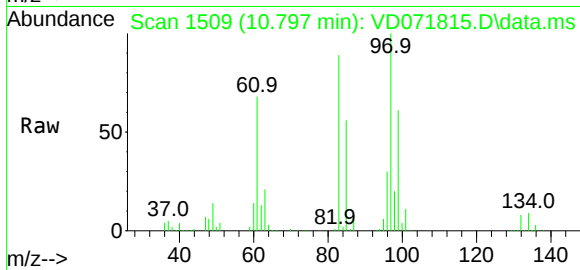


#55
1,1,2-Trichloroethane
Concen: 51.040 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 197681

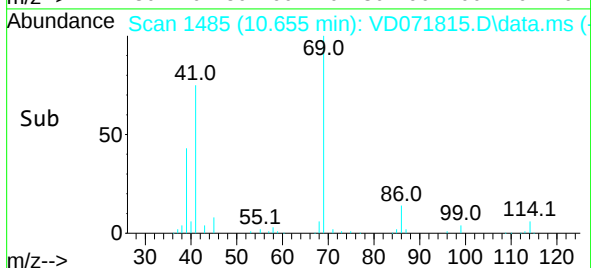
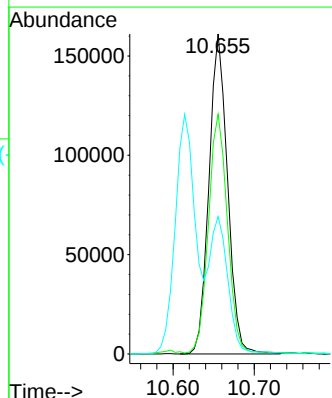
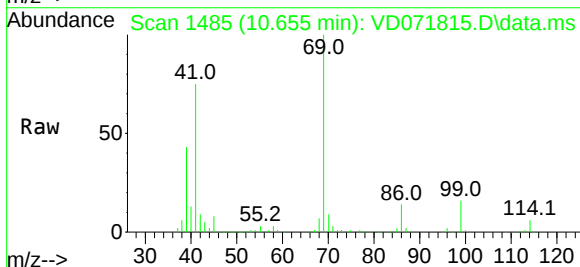
Ion	Ratio	Lower	Upper
97	100		
83	88.6	69.0	103.4
85	56.4	42.6	63.8
99	60.7	51.7	77.5

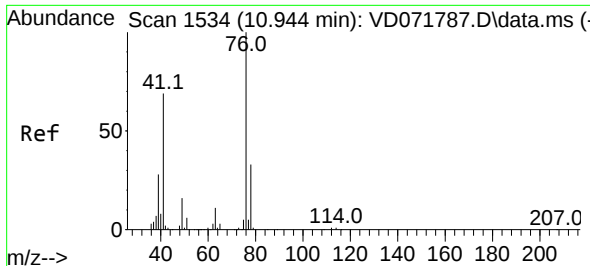


#56
Ethyl methacrylate
Concen: 53.298 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 69 Resp: 255579

Ion	Ratio	Lower	Upper
69	100		
41	77.1	63.0	94.6
39	42.3	33.8	50.8

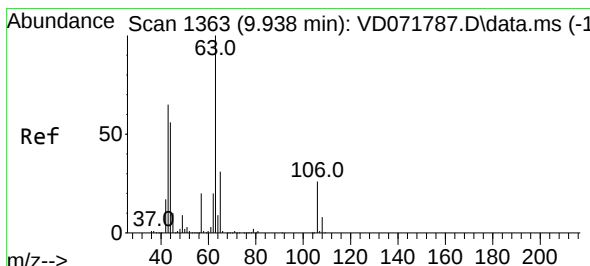
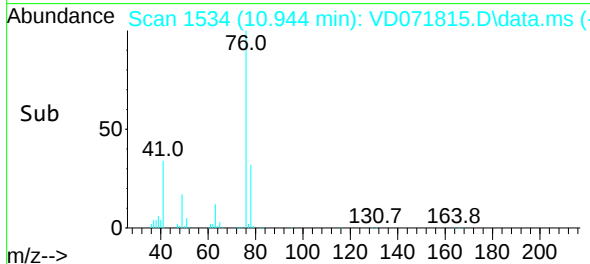
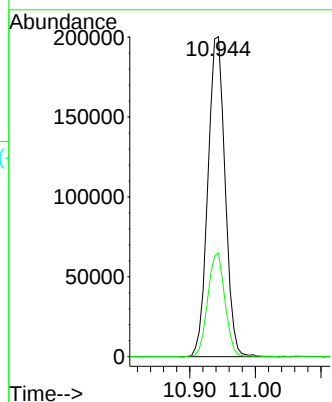
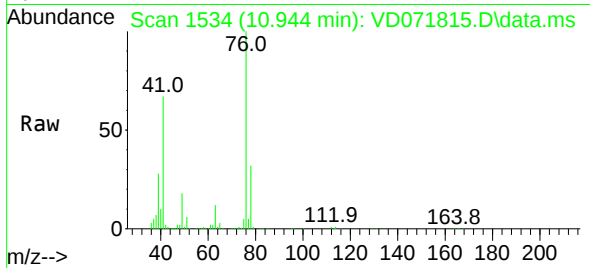




#57
1,3-Dichloropropane
Concen: 52.709 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

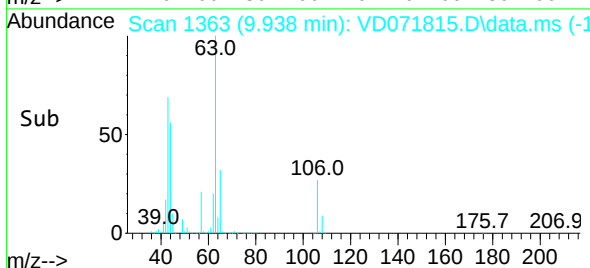
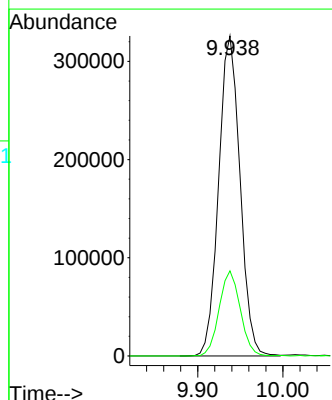
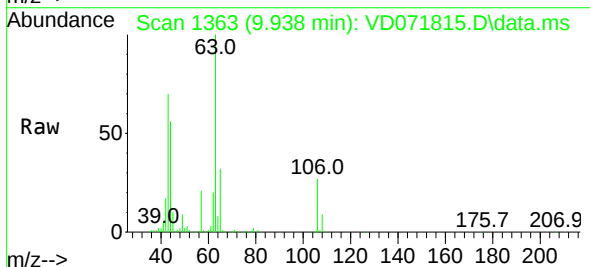
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

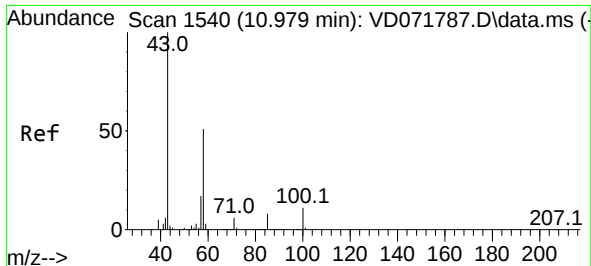
Tgt Ion: 76 Resp: 364451
Ion Ratio Lower Upper
76 100
78 32.4 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 251.830 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 63 Resp: 568480
Ion Ratio Lower Upper
63 100
106 26.3 21.4 32.0

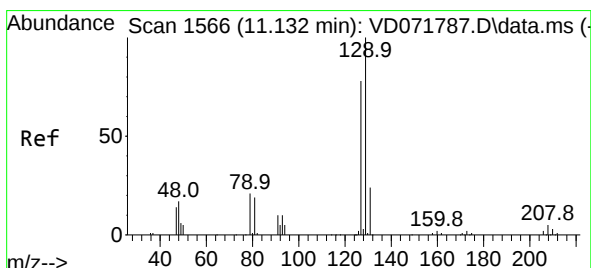
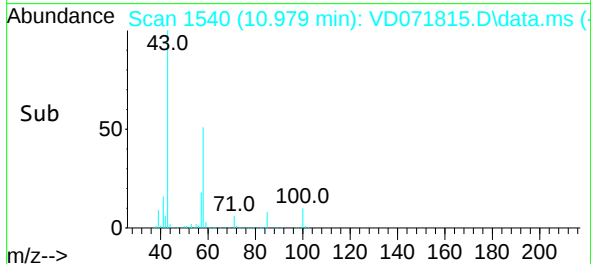
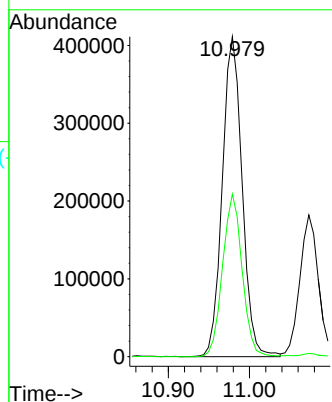
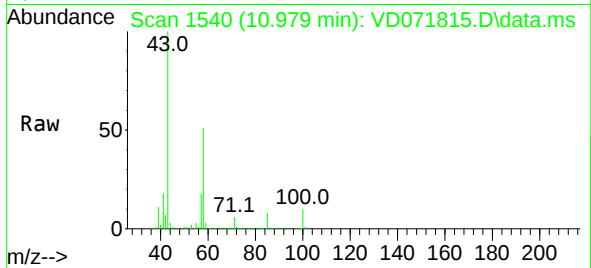




#59
2-Hexanone
Concen: 275.245 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

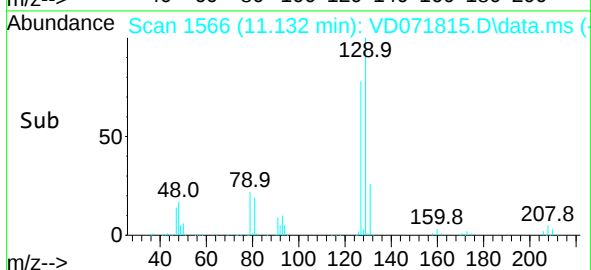
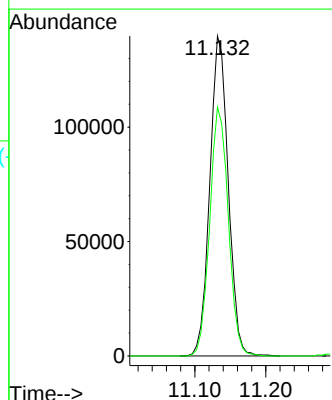
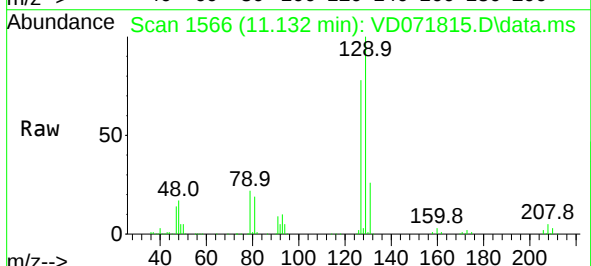
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

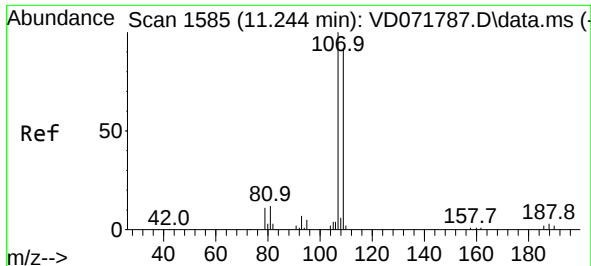
Tgt Ion: 43 Resp: 699524
Ion Ratio Lower Upper
43 100
58 50.0 25.3 75.9



#60
Dibromochloromethane
Concen: 52.684 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 129 Resp: 251975
Ion Ratio Lower Upper
129 100
127 78.6 39.2 117.6

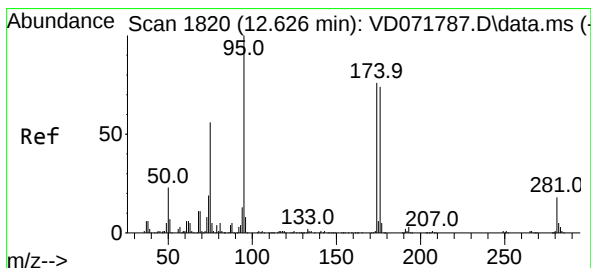
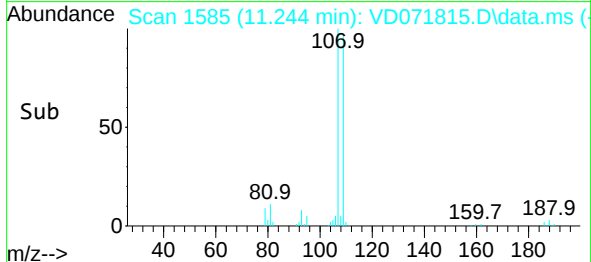
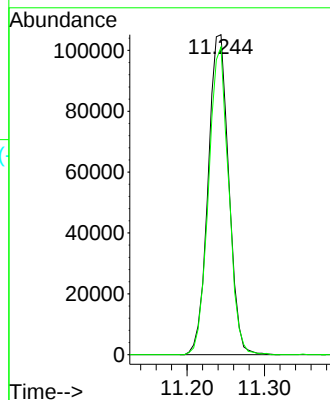
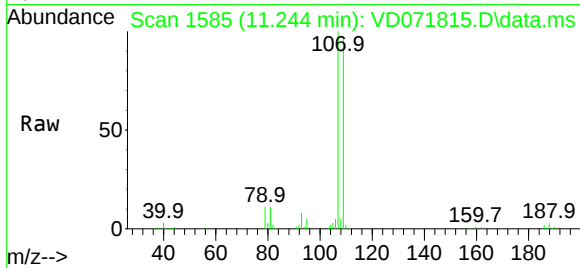




#61
1,2-Dibromoethane
Concen: 52.090 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

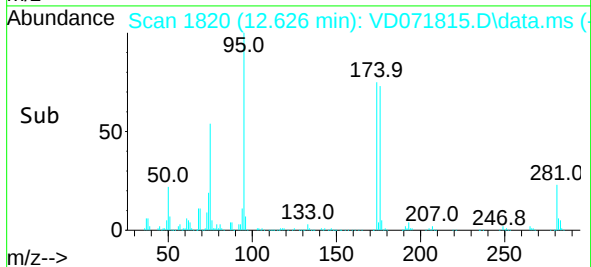
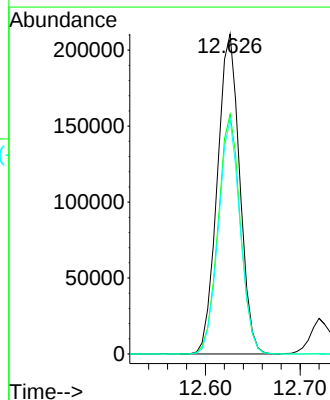
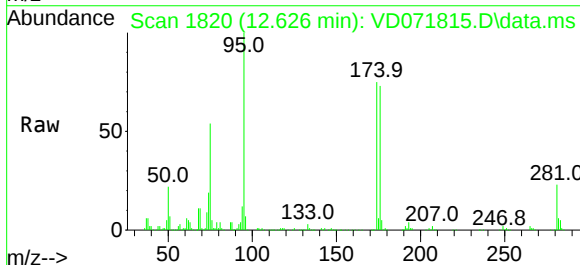
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

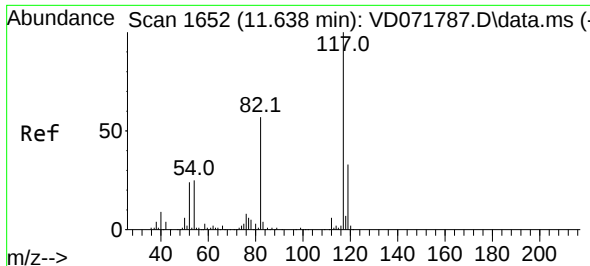
Tgt Ion:107 Resp: 194381
Ion Ratio Lower Upper
107 100
109 93.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 56.835 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 95 Resp: 345816
Ion Ratio Lower Upper
95 100
174 74.2 0.0 152.8
176 71.3 0.0 145.4

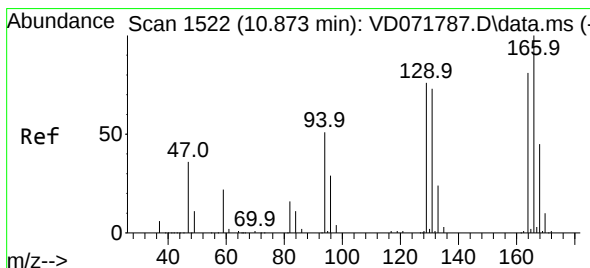
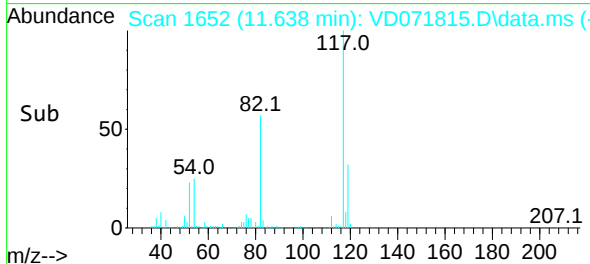
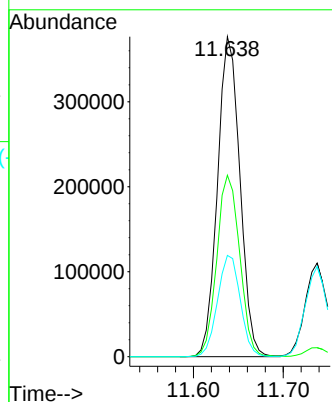
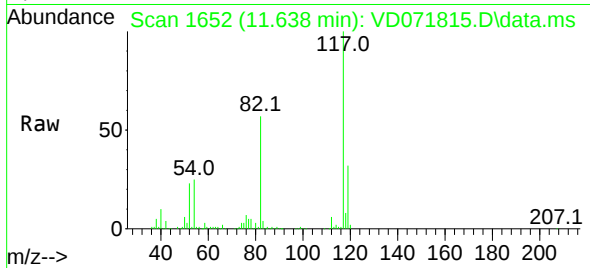




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

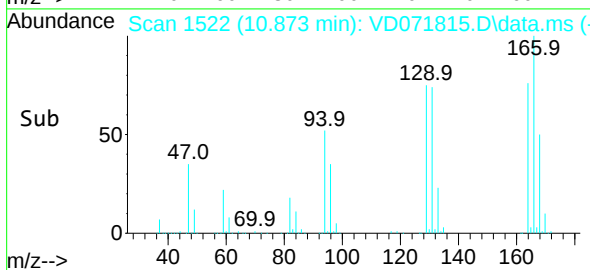
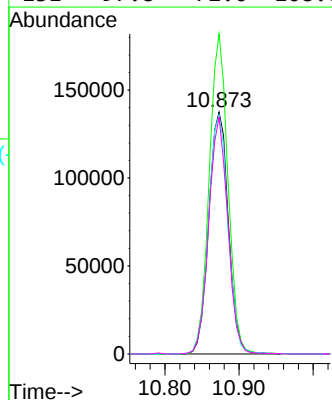
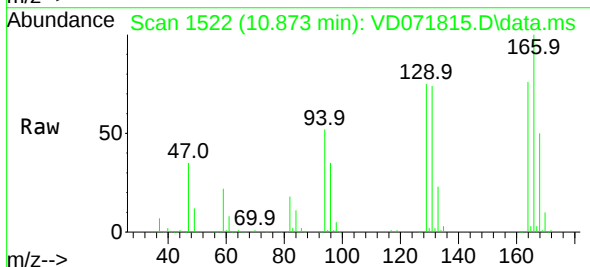
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

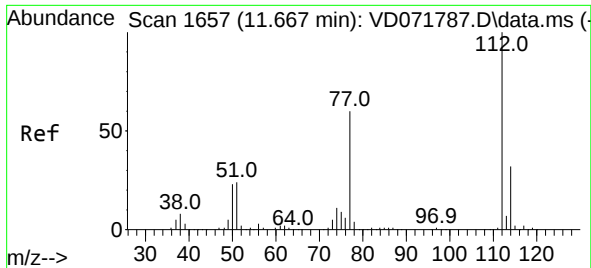
Tgt Ion:117 Resp: 653605
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 31.6 26.6 40.0



#64
Tetrachloroethene
Concen: 54.554 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion:164 Resp: 252221
Ion Ratio Lower Upper
164 100
166 132.2 98.5 147.7
129 98.8 74.6 111.8
131 97.8 72.0 108.0

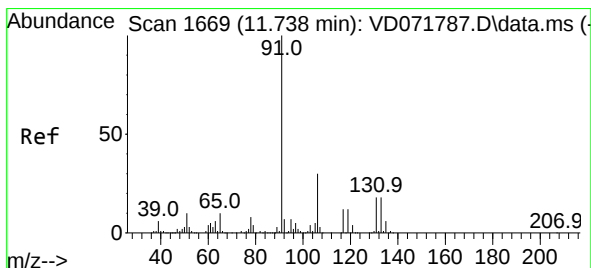
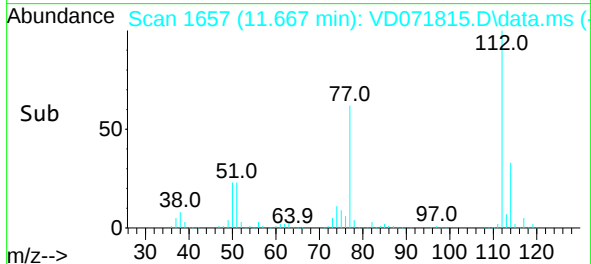
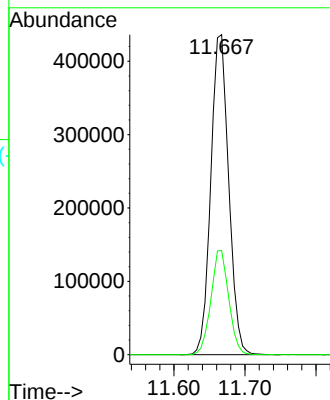
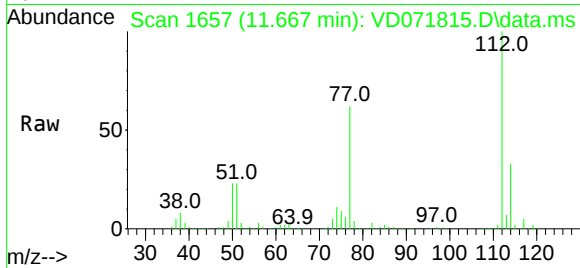




#65
Chlorobenzene
Concen: 55.135 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

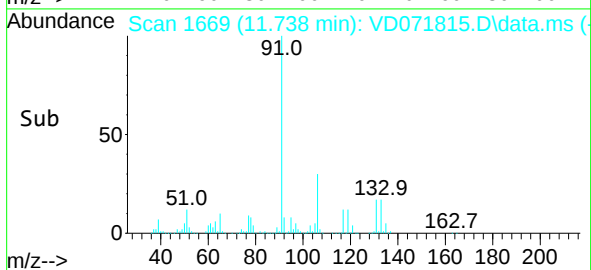
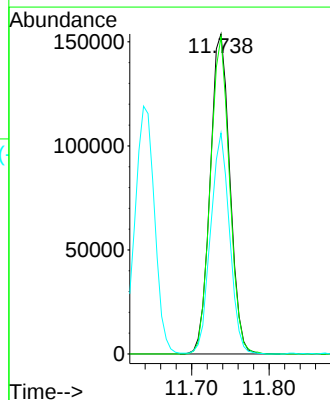
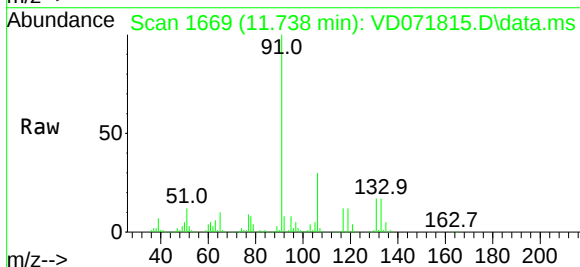
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

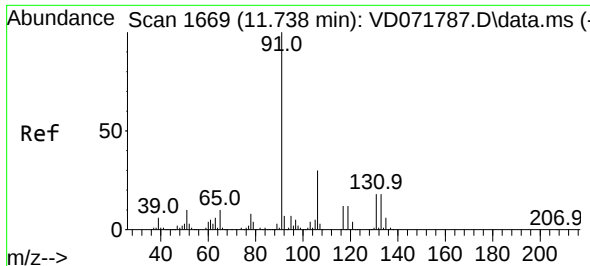
Tgt Ion:112 Resp: 762383
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.095 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion:131 Resp: 272118
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.3
119 66.4 31.9 95.9

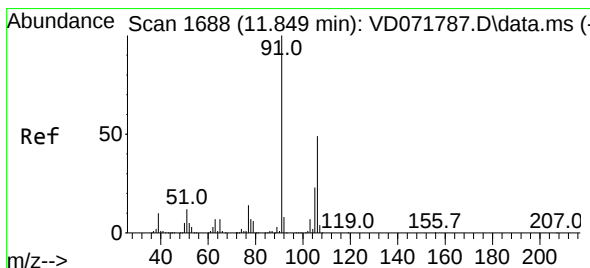
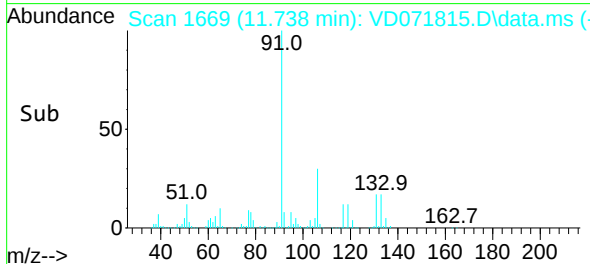
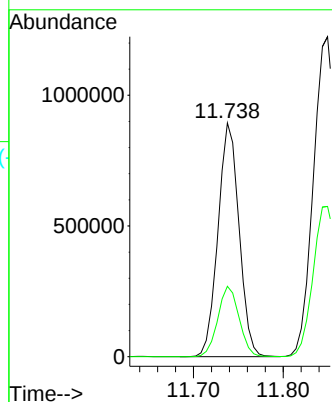
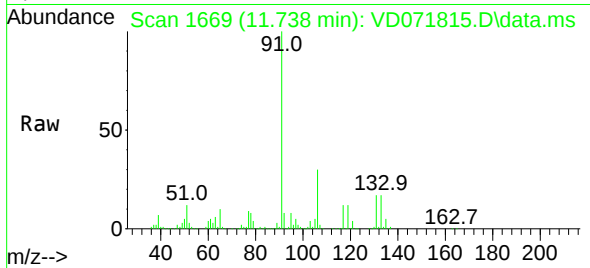




#67
Ethyl Benzene
Concen: 57.207 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

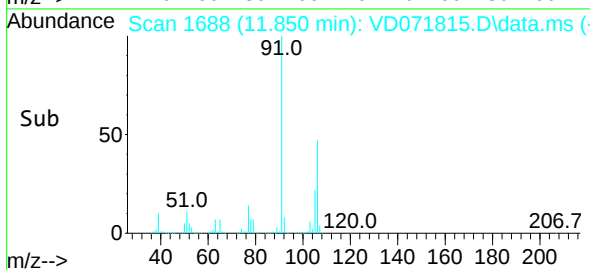
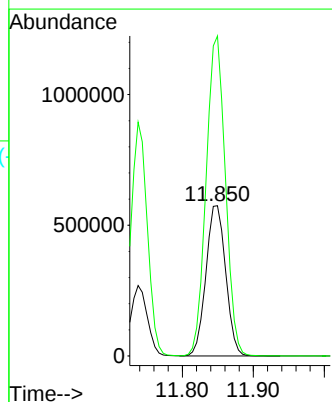
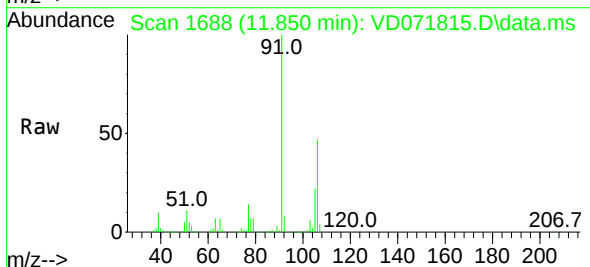
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

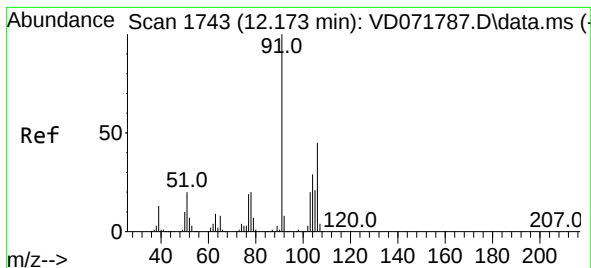
Tgt Ion: 91 Resp: 1455541
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.4



#68
m/p-Xylenes
Concen: 114.862 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 106 Resp: 1111592
Ion Ratio Lower Upper
106 100
91 207.4 163.7 245.5





#69

o-Xylene

Concen: 58.262 ug/l

RT: 12.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

Instrument :

MSVOA_D

ClientSampleId :

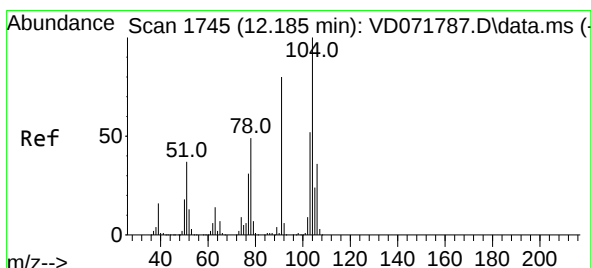
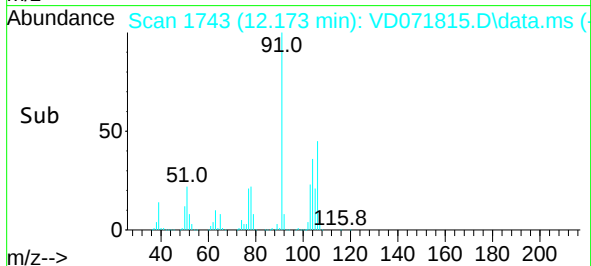
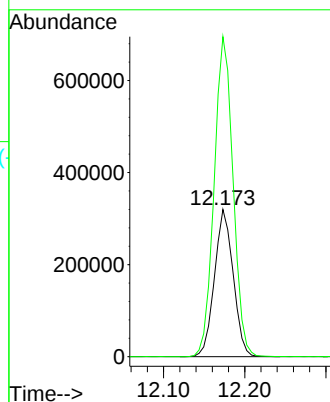
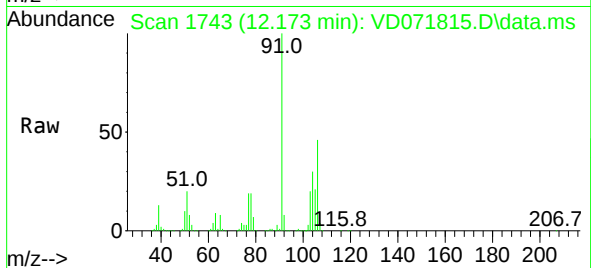
VSTDCCC050

Tgt Ion:106 Resp: 512394

Ion Ratio Lower Upper

106 100

91 219.8 110.4 331.2



#70

Styrene

Concen: 57.871 ug/l

RT: 12.191 min Scan# 1746

Delta R.T. 0.006 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

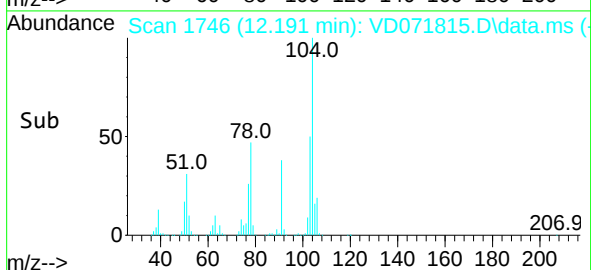
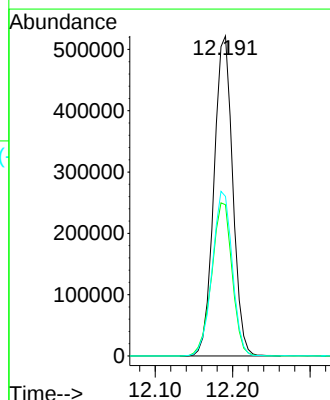
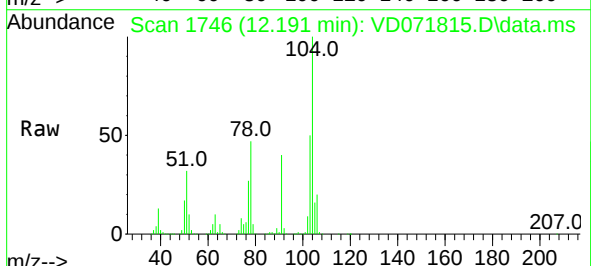
Tgt Ion:104 Resp: 877270

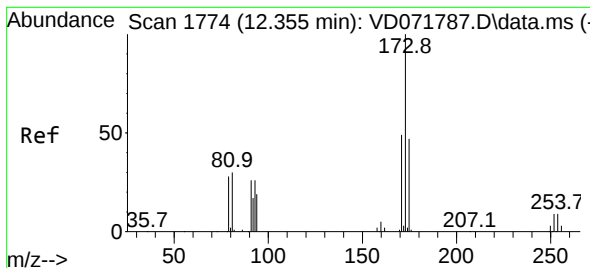
Ion Ratio Lower Upper

104 100

78 52.1 41.8 62.8

103 54.9 44.2 66.4





#71

Bromoform

Concen: 50.812 ug/l

RT: 12.355 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

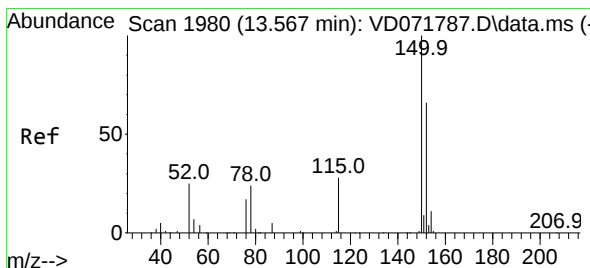
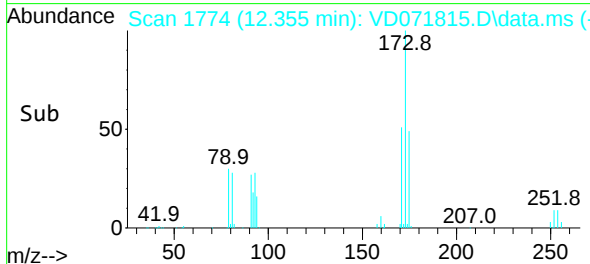
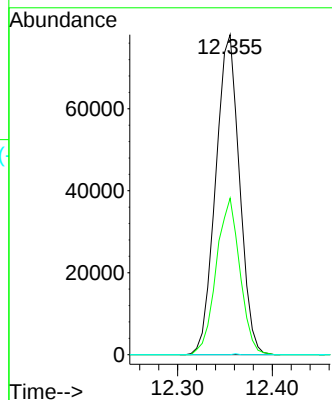
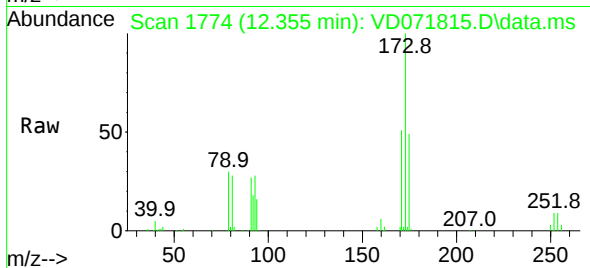
Tgt Ion:173 Resp: 136473

Ion Ratio Lower Upper

173 100

175 48.7 23.9 71.8

254 0.1 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: VD071815.D

Acq: 28 Jan 2022 10:28

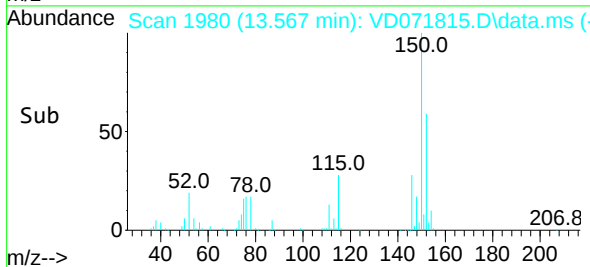
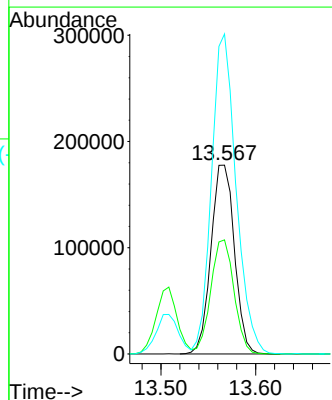
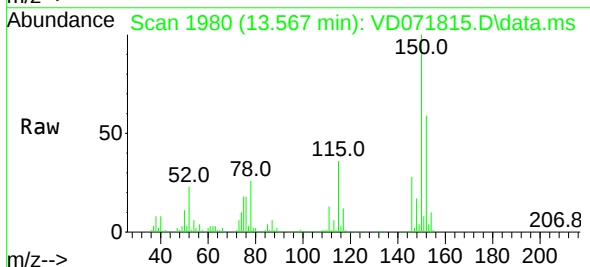
Tgt Ion:152 Resp: 305639

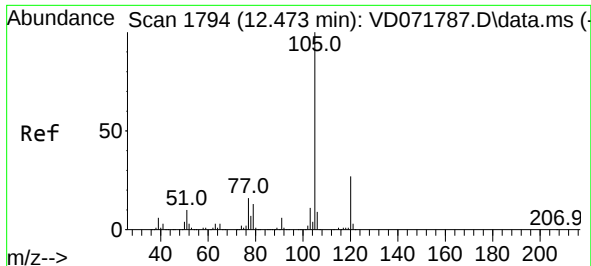
Ion Ratio Lower Upper

152 100

115 60.1 31.3 93.8

150 177.7 0.0 348.6

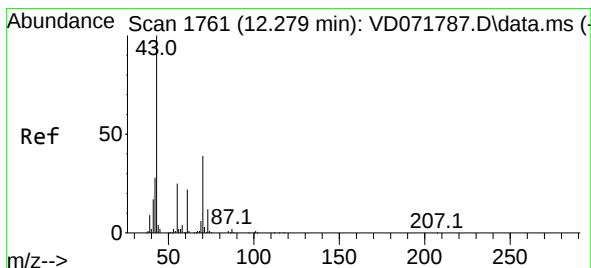
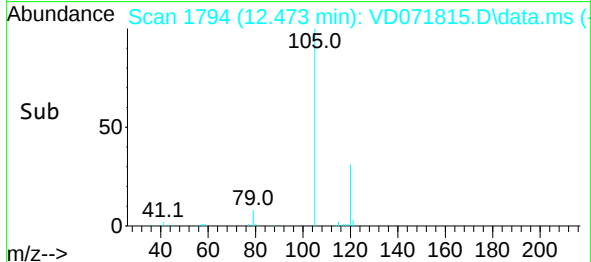
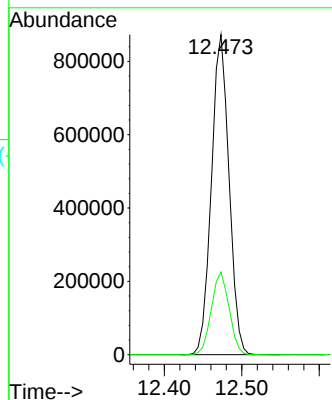
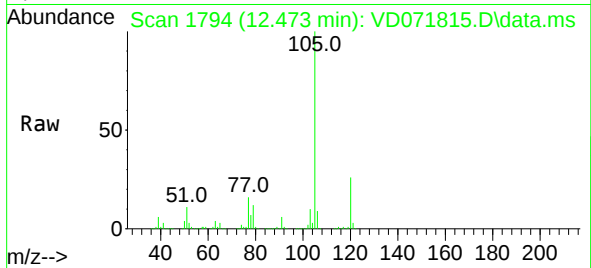




#73
Isopropylbenzene
Concen: 58.166 ug/l
RT: 12.473 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

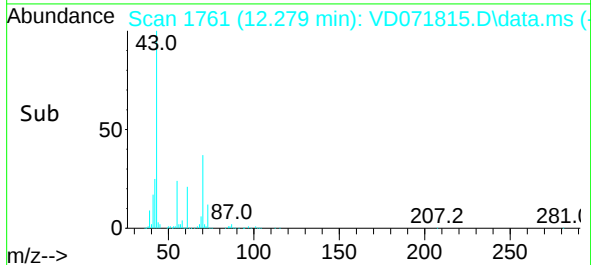
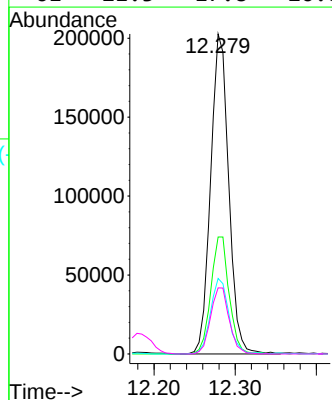
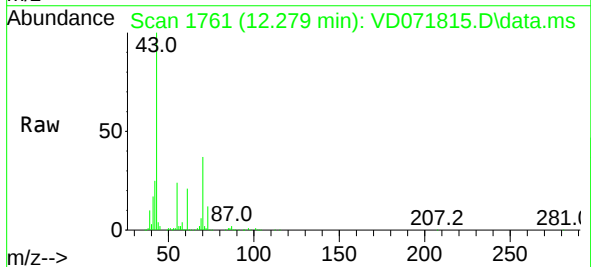
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

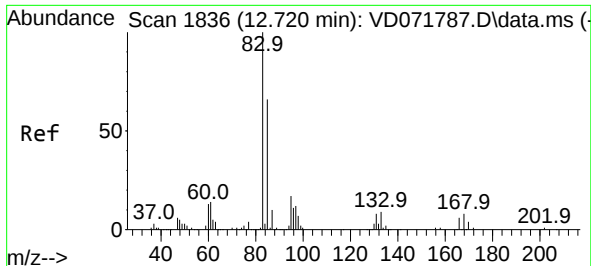
Tgt Ion:105 Resp: 1376609
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 53.839 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 43 Resp: 313357
Ion Ratio Lower Upper
43 100
70 37.1 31.3 46.9
55 23.9 20.0 30.0
61 21.3 17.8 26.8

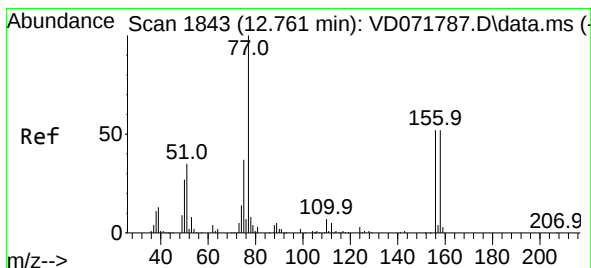
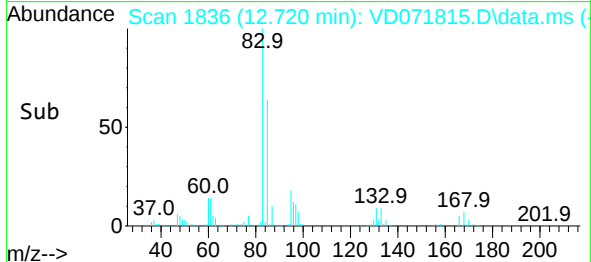
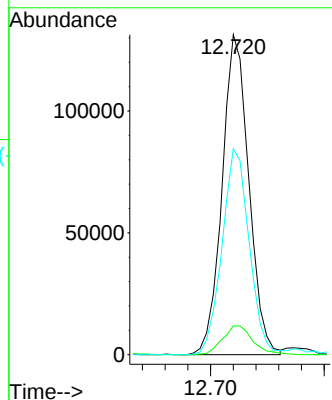
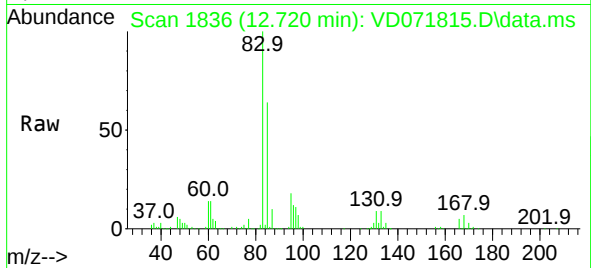




#75
1,1,2,2-Tetrachloroethane
Concen: 48.908 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

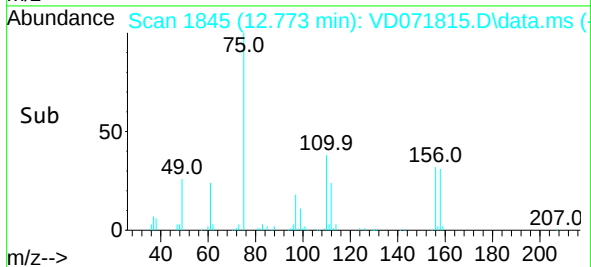
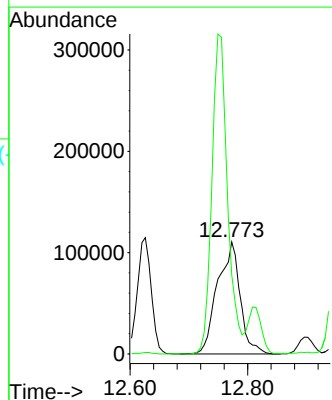
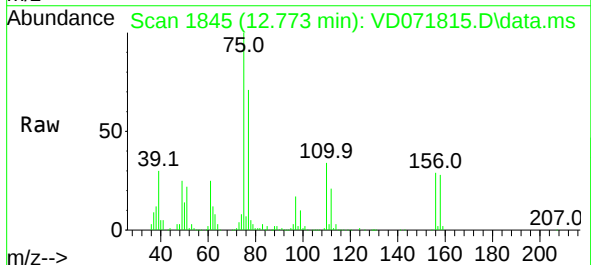
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

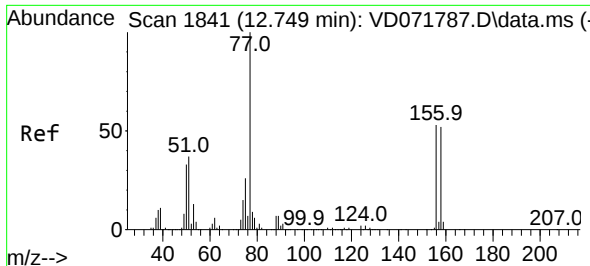
Tgt Ion: 83 Resp: 214201
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 65.4 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 91.623 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 75 Resp: 295122
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

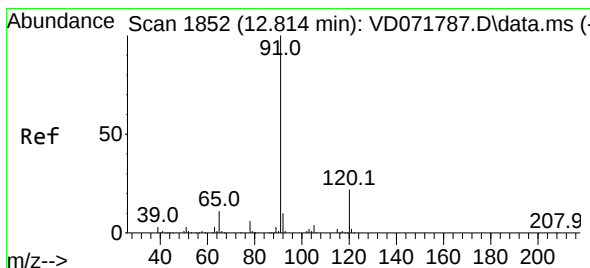
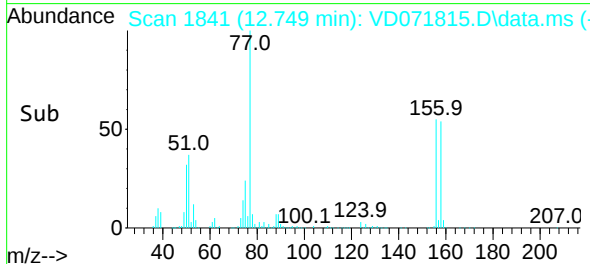
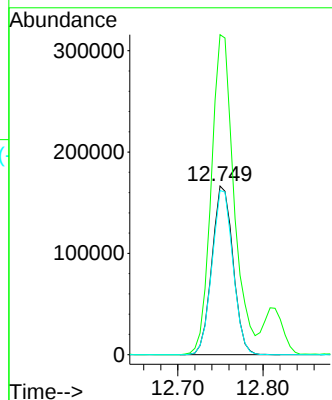
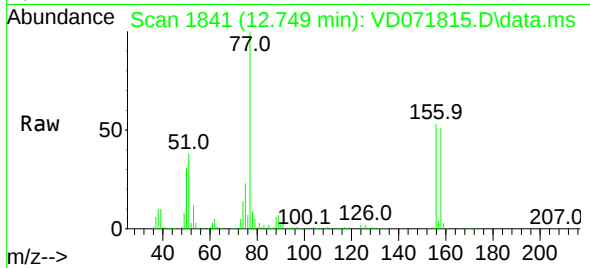




#77
Bromobenzene
Concen: 54.488 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

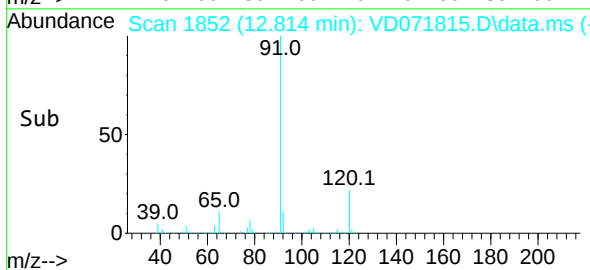
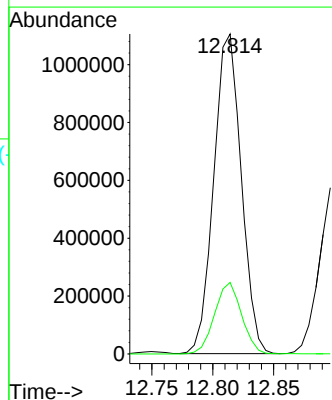
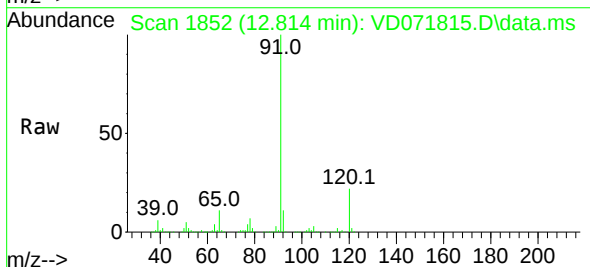
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

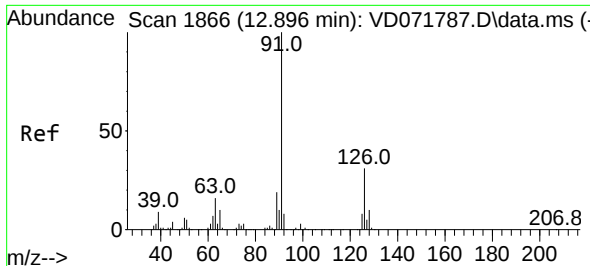
Tgt Ion:156 Resp: 286860
Ion Ratio Lower Upper
156 100
77 203.7 102.8 308.3
158 96.9 48.7 146.1



#78
n-propylbenzene
Concen: 58.456 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 91 Resp: 1734774
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9

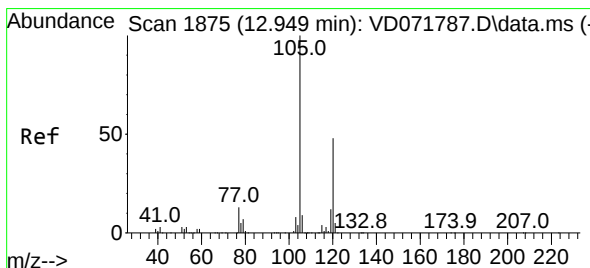
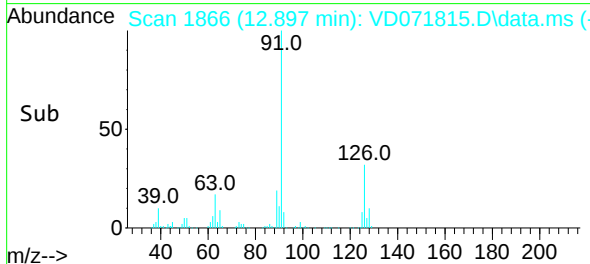
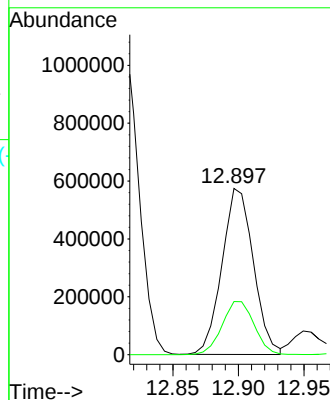
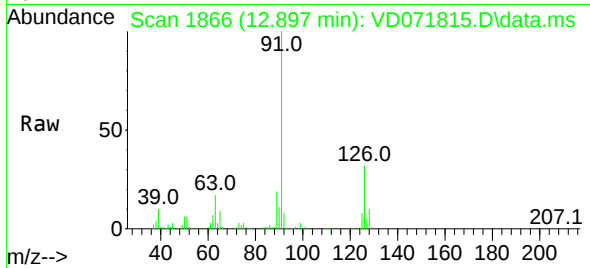




#79
2-Chlorotoluene
Concen: 56.934 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

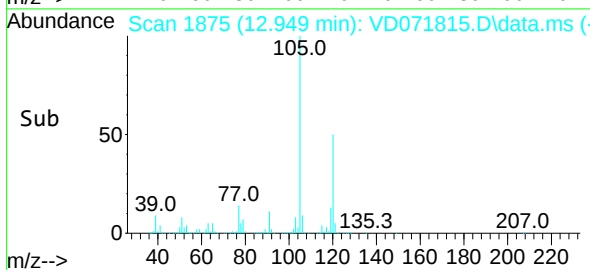
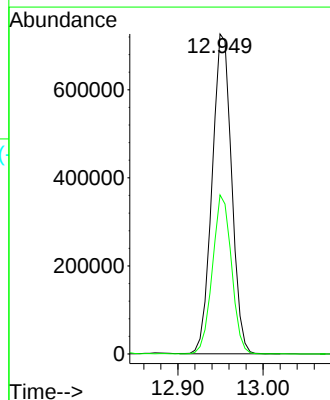
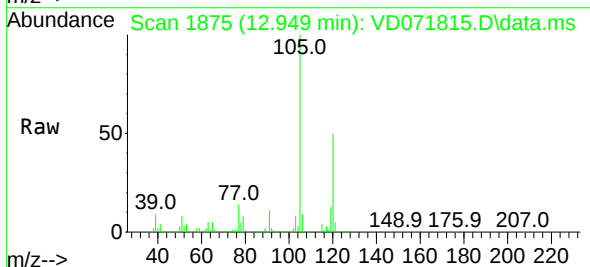
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

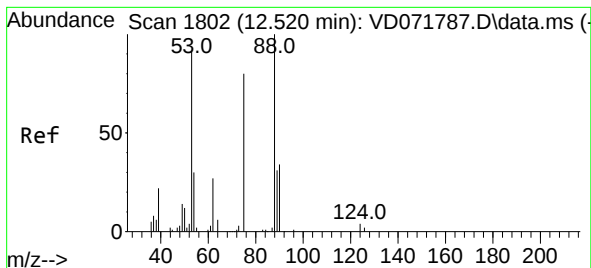
Tgt Ion: 91 Resp: 957477
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 58.858 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion:105 Resp: 1155408
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8

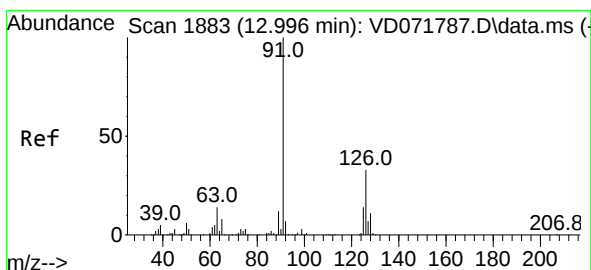
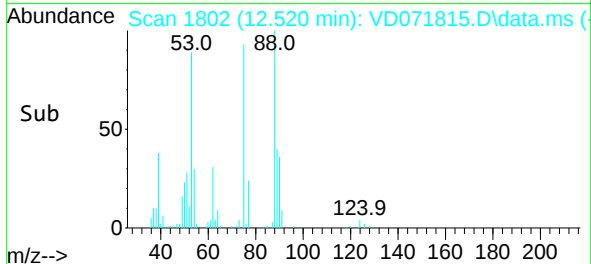
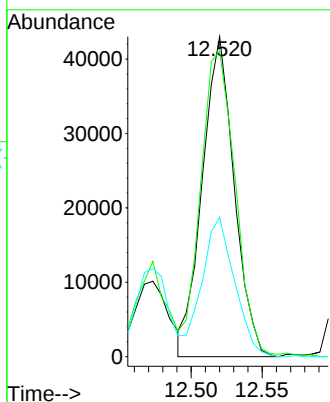
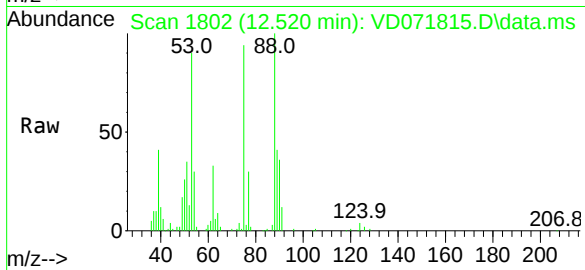




#81
trans-1,4-Dichloro-2-butene
Concen: 51.284 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

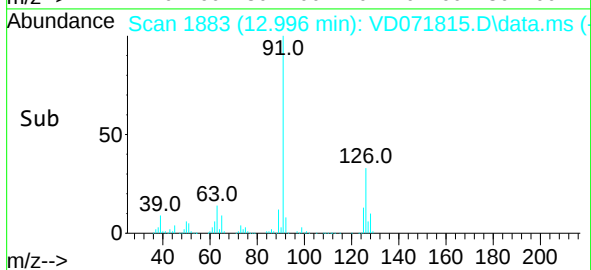
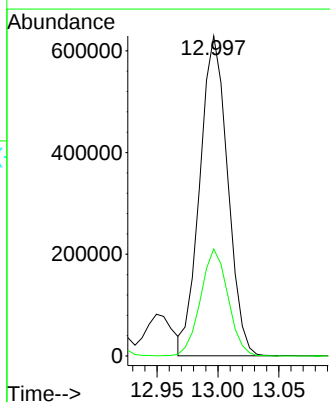
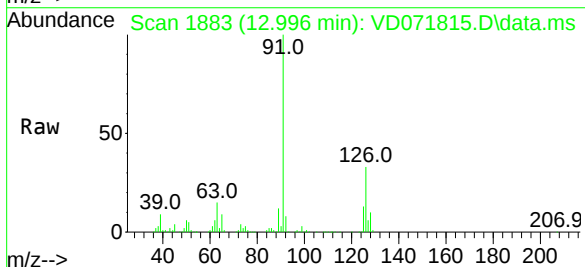
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

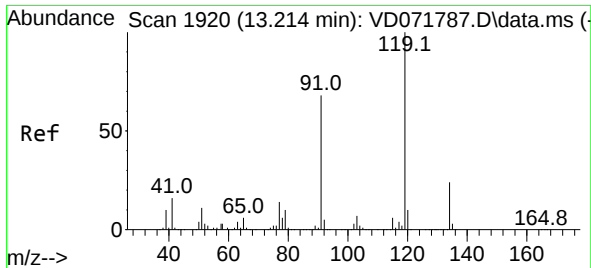
Tgt Ion: 75 Resp: 67183
Ion Ratio Lower Upper
75 100
53 104.2 86.5 129.7
89 45.1 33.9 50.9



#82
4-Chlorotoluene
Concen: 57.021 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion: 91 Resp: 997655
Ion Ratio Lower Upper
91 100
126 32.9 16.5 49.5

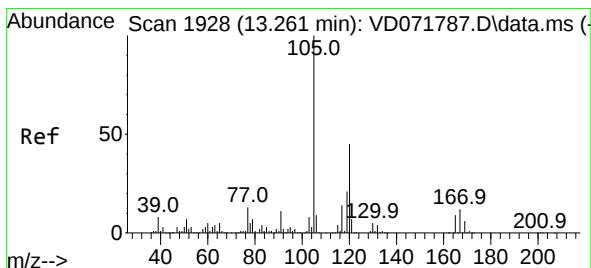
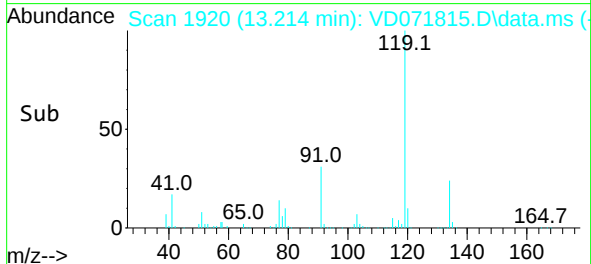
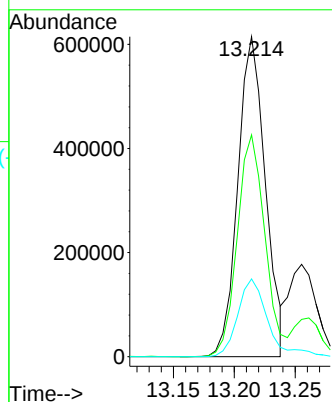
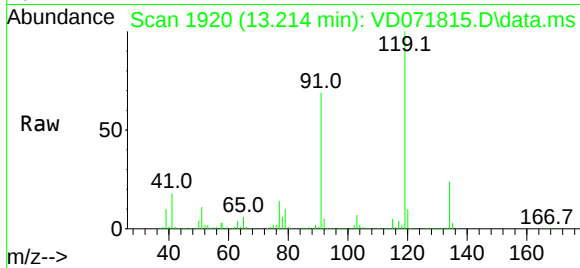




#83
tert-Butylbenzene
Concen: 59.514 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

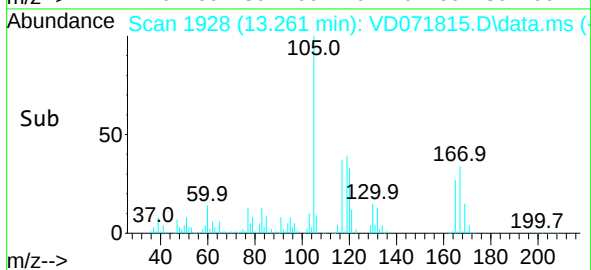
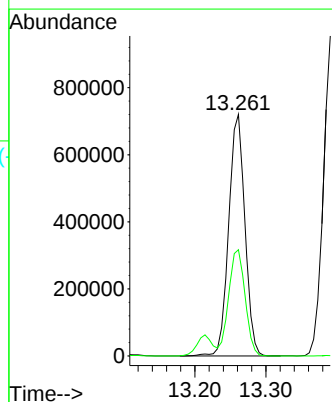
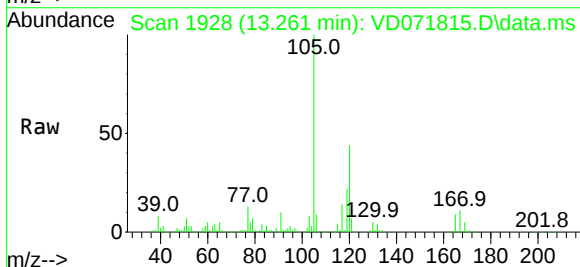
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

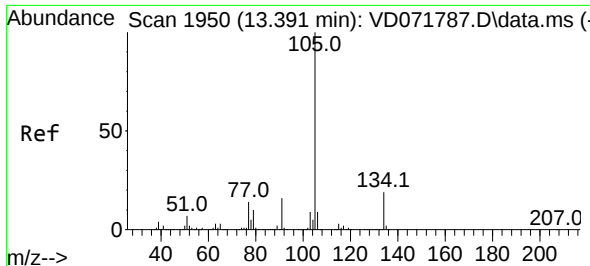
Tgt Ion:119 Resp: 968233
Ion Ratio Lower Upper
119 100
91 70.0 34.8 104.5
134 26.4 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 59.090 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion:105 Resp: 1141040
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.8

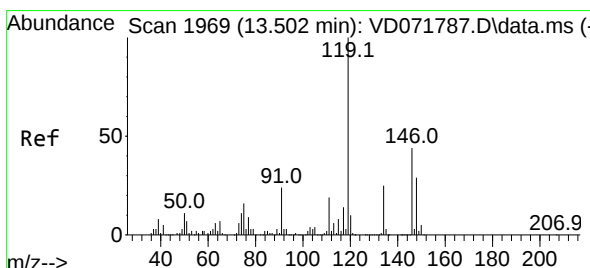
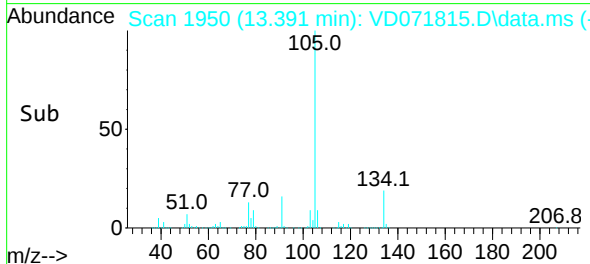
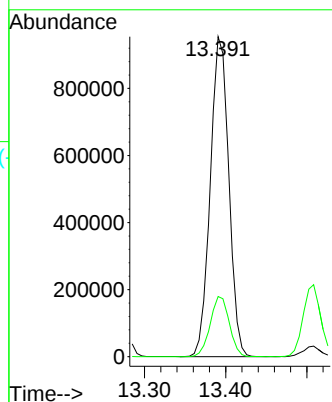
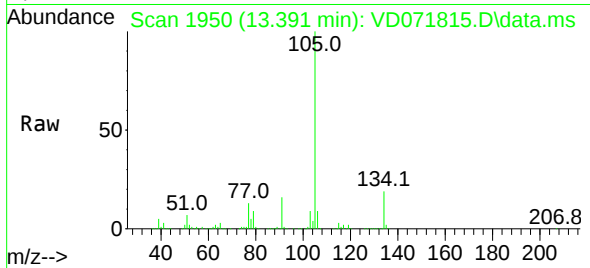




#85
 sec-Butylbenzene
 Concen: 59.337 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD071815.D
 Acq: 28 Jan 2022 10:28

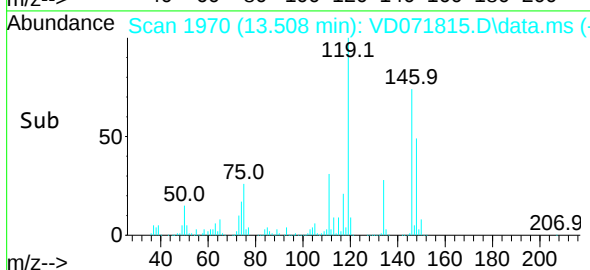
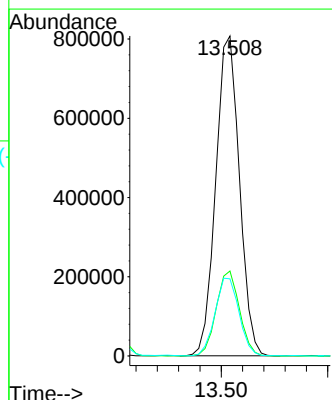
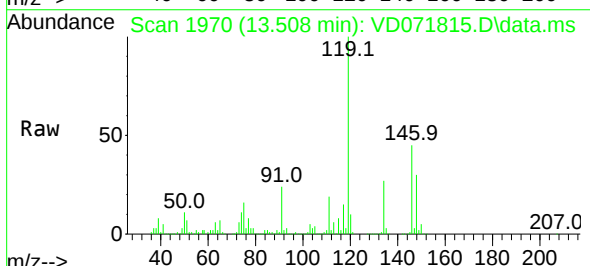
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

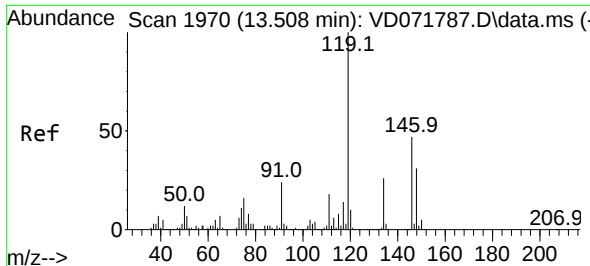
Tgt Ion:105 Resp: 1510476
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 60.120 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD071815.D
 Acq: 28 Jan 2022 10:28

Tgt Ion:119 Resp: 1243615
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.6
 91 24.6 12.1 36.3

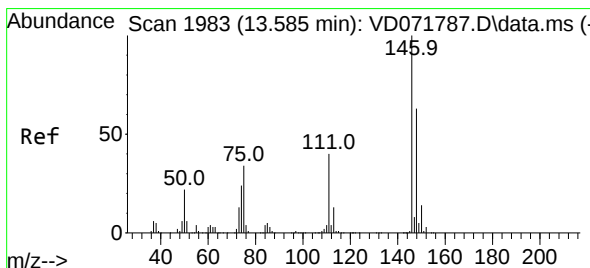
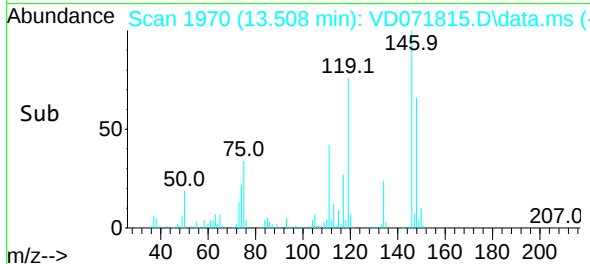
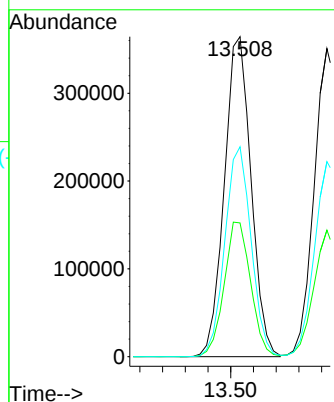
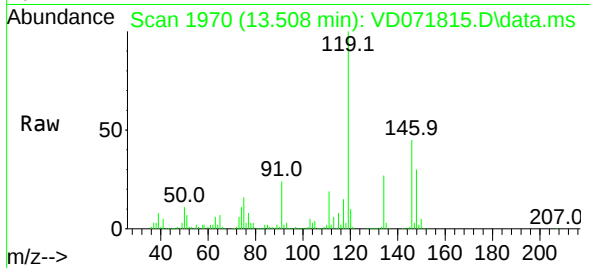




#87
1,3-Dichlorobenzene
Concen: 55.719 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

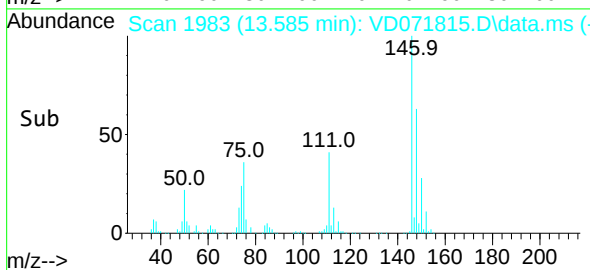
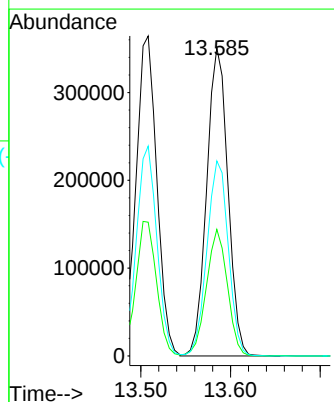
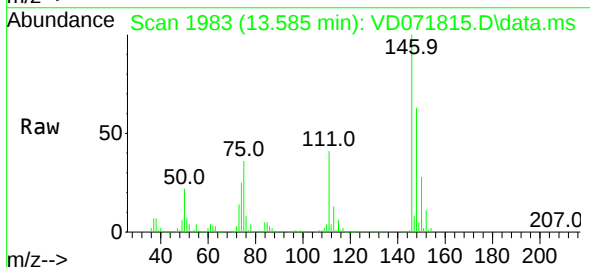
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

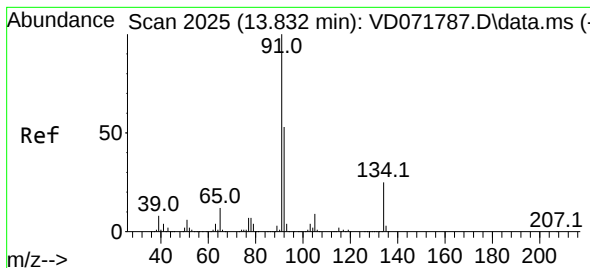
Tgt Ion:146 Resp: 595660
Ion Ratio Lower Upper
146 100
111 41.7 20.4 61.3
148 64.5 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 54.064 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion:146 Resp: 576822
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.9
148 63.7 31.7 95.1





#89

n-Butylbenzene

Concen: 59.749 ug/l

RT: 13.832 min Scan# 2025

Delta R.T. 0.000 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

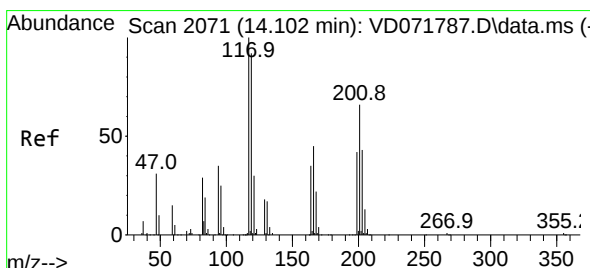
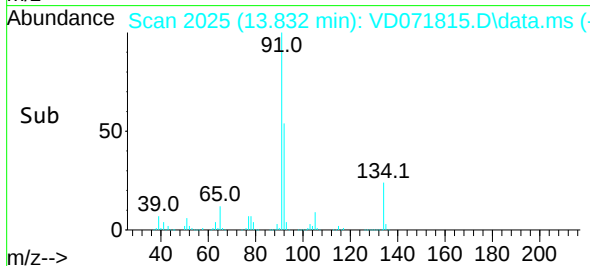
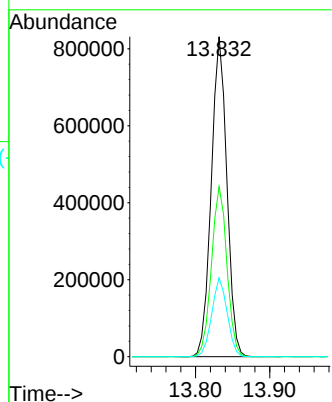
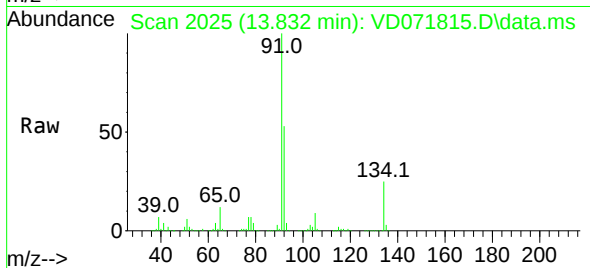
Tgt Ion: 91 Resp: 1212605

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.8

134 24.4 12.3 36.9



#90

Hexachloroethane

Concen: 57.951 ug/l

RT: 14.102 min Scan# 2071

Delta R.T. 0.000 min

Lab File: VD071815.D

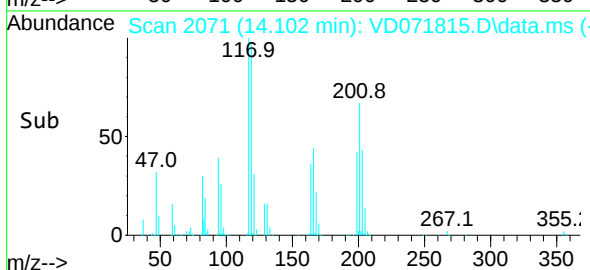
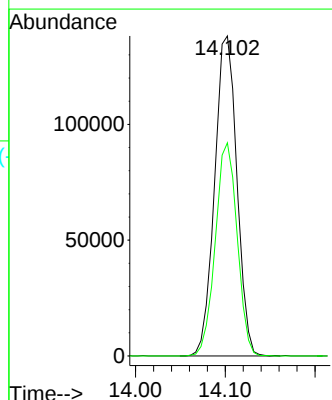
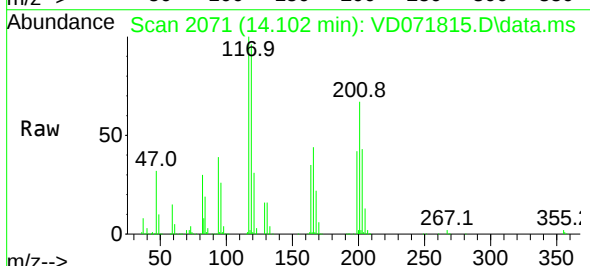
Acq: 28 Jan 2022 10:28

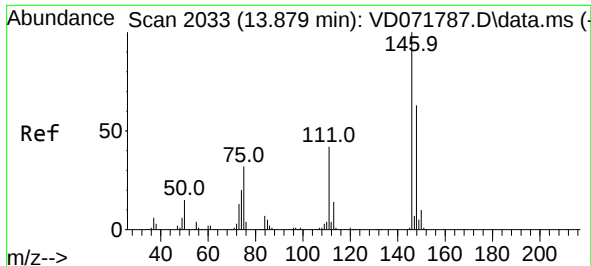
Tgt Ion: 117 Resp: 238283

Ion Ratio Lower Upper

117 100

201 65.3 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 54.428 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

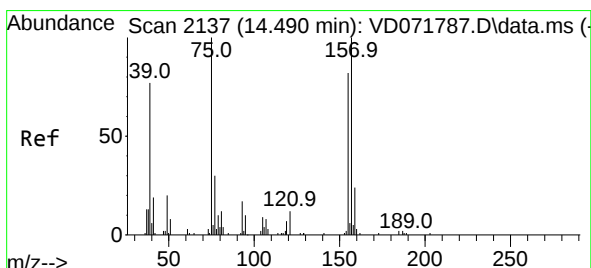
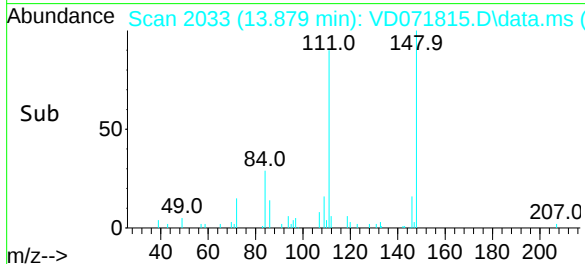
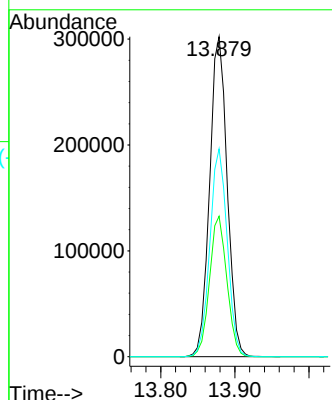
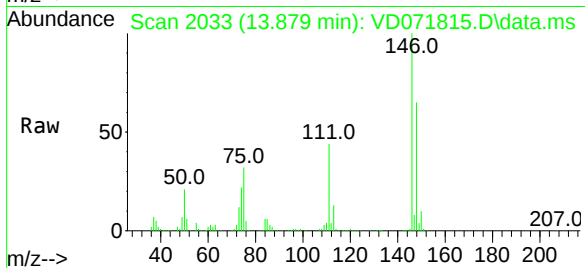
Tgt Ion:146 Resp: 497936

Ion Ratio Lower Upper

146 100

111 43.5 21.1 63.3

148 64.3 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.549 ug/l

RT: 14.496 min Scan# 2138

Delta R.T. 0.006 min

Lab File: VD071815.D

Acq: 28 Jan 2022 10:28

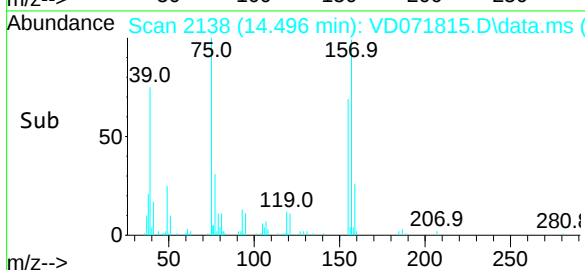
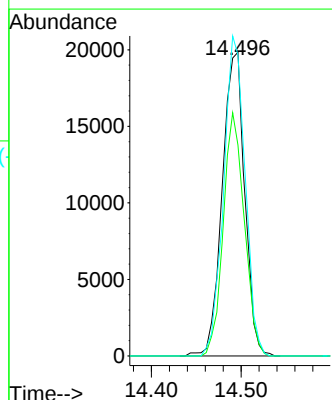
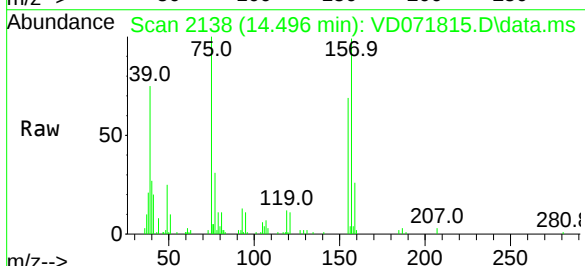
Tgt Ion: 75 Resp: 34489

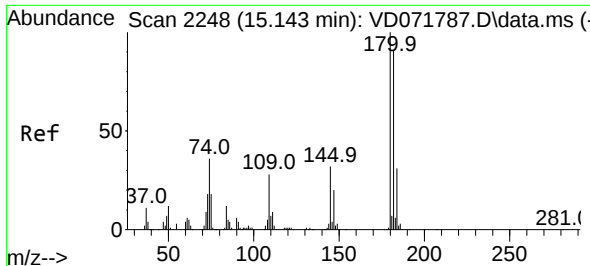
Ion Ratio Lower Upper

75 100

155 74.9 36.8 110.3

157 100.5 48.4 145.0

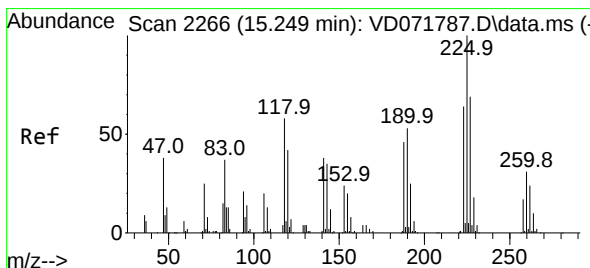
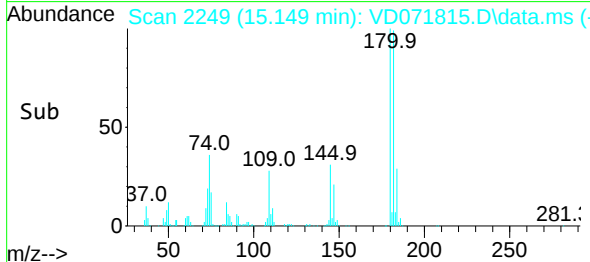
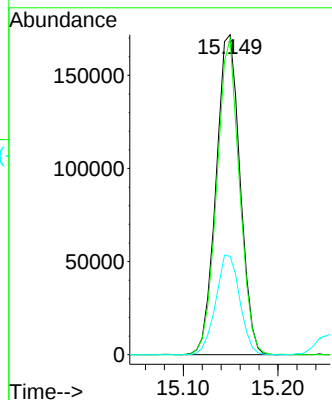
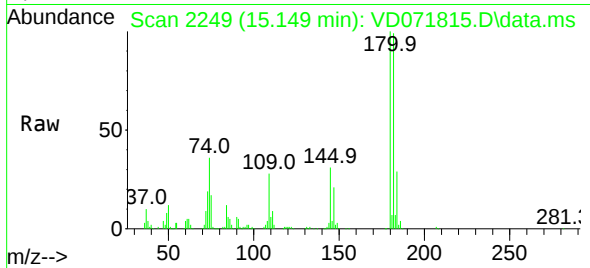




#93
1,2,4-Trichlorobenzene
Concen: 56.476 ug/l
RT: 15.149 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

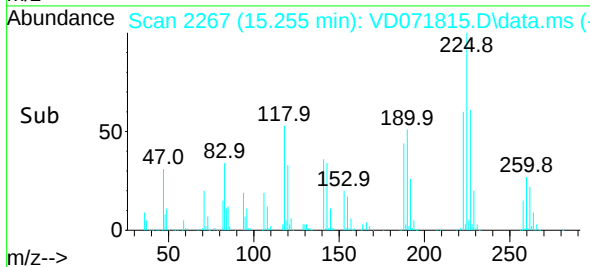
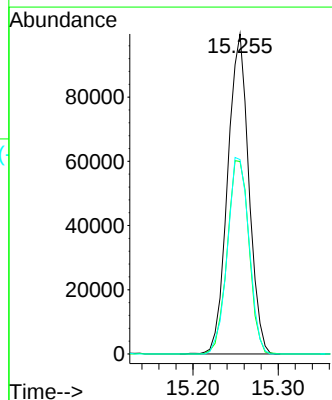
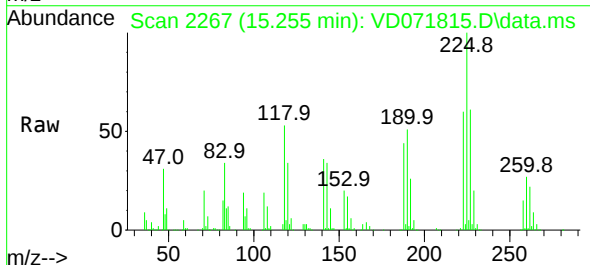
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

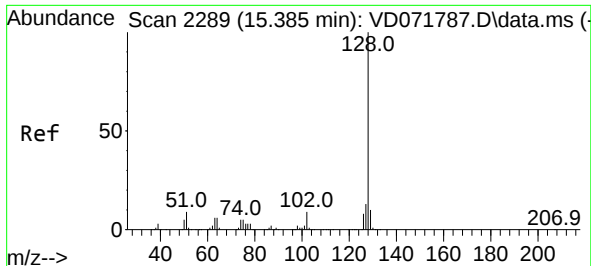
Tgt Ion:180 Resp: 301830
Ion Ratio Lower Upper
180 100
182 93.4 47.3 142.0
145 31.2 16.2 48.5



#94
Hexachlorobutadiene
Concen: 59.025 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.006 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion:225 Resp: 172005
Ion Ratio Lower Upper
225 100
223 62.1 31.1 93.2
227 62.5 32.4 97.0

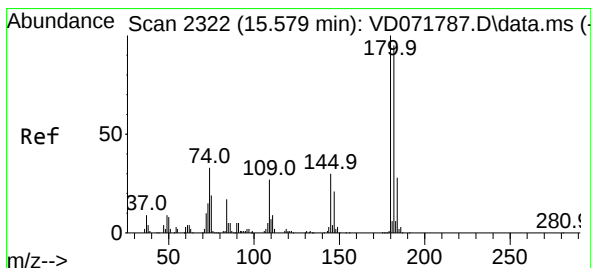
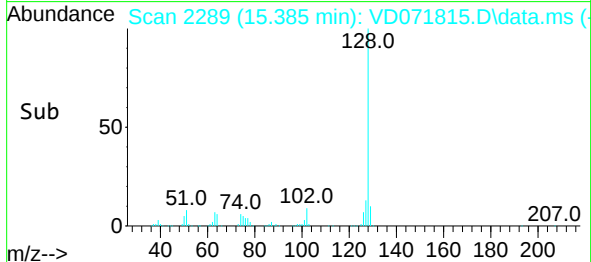
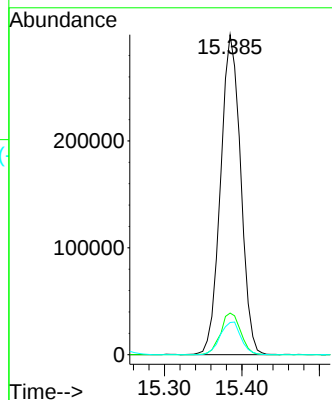
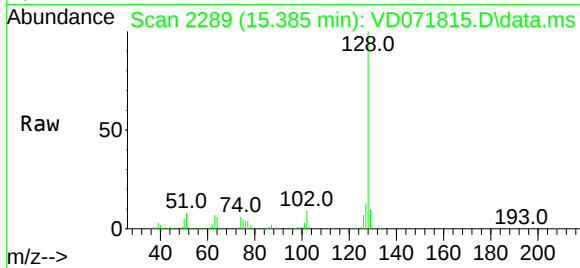




#95
Naphthalene
Concen: 50.812 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 539744
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.6 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 56.302 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 28 Jan 2022 10:28

Tgt Ion:180 Resp: 257911
Ion Ratio Lower Upper
180 100
182 93.4 47.6 142.9
145 32.6 17.1 51.3

