

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062022\
 Data File : VD073636.D
 Acq On : 20 Jun 2022 17:26
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD062022

Quant Time: Jun 21 05:25:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:24:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	260532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	422039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	409460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	206466	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	140646	46.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.840%
35) Dibromofluoromethane	7.903	113	145498	47.523	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.040%
50) Toluene-d8	10.332	98	529374	48.308	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.620%
62) 4-Bromofluorobenzene	12.620	95	192314	47.855	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	111532	49.779	ug/l	93
3) Chloromethane	2.209	50	97733	42.928	ug/l	99
4) Vinyl Chloride	2.344	62	97433	45.391	ug/l	92
5) Bromomethane	2.762	94	69468	46.141	ug/l	97
6) Chloroethane	2.915	64	61010	43.920	ug/l	96
7) Trichlorofluoromethane	3.268	101	235016	47.262	ug/l	95
8) Diethyl Ether	3.703	74	64744	49.909	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	137347	47.814	ug/l	96
10) Methyl Iodide	4.291	142	135538	48.710	ug/l	99
11) Tert butyl alcohol	5.197	59	60242	289.815	ug/l #	95
12) 1,1-Dichloroethene	4.062	96	122499	48.787	ug/l	97
13) Acrolein	3.915	56	29113	263.001	ug/l	98
14) Allyl chloride	4.709	41	181789	50.316	ug/l	98
15) Acrylonitrile	5.409	53	142741	242.543	ug/l	98
16) Acetone	4.150	43	120352	252.538	ug/l	99
17) Carbon Disulfide	4.403	76	341999	47.248	ug/l	99
18) Methyl Acetate	4.709	43	62545	47.750	ug/l	100
19) Methyl tert-butyl Ether	5.467	73	311517	52.436	ug/l	97
20) Methylene Chloride	4.956	84	151483	48.228	ug/l	96
21) trans-1,2-Dichloroethene	5.462	96	144665	48.458	ug/l	93
22) Diisopropyl ether	6.356	45	411034	50.706	ug/l	97
23) Vinyl Acetate	6.297	43	1145225	270.168	ug/l	99
24) 1,1-Dichloroethane	6.256	63	258286	47.585	ug/l	97
25) 2-Butanone	7.203	43	172705	248.945	ug/l	93
26) 2,2-Dichloropropane	7.197	77	240619	48.250	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	166787	48.430	ug/l	97
28) Bromochloromethane	7.538	49	102288	50.312	ug/l	99
29) Tetrahydrofuran	7.556	42	107096	248.914	ug/l	99
30) Chloroform	7.703	83	290096	47.209	ug/l	96
31) Cyclohexane	7.973	56	215497	47.249	ug/l	96
32) 1,1,1-Trichloroethane	7.891	97	264402	48.354	ug/l	99
36) 1,1-Dichloropropene	8.103	75	205325	47.879	ug/l	100
37) Ethyl Acetate	7.285	43	79178	47.986	ug/l	98
38) Carbon Tetrachloride	8.085	117	237584	48.779	ug/l	97
39) Methylcyclohexane	9.350	83	236531	49.777	ug/l	98
40) Benzene	8.338	78	592206	47.739	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.503	41	53161	58.203	ug/l	89
42) 1,2-Dichloroethane	8.414	62	174153	46.998	ug/l	99
43) Isopropyl Acetate	8.444	43	158972	51.178	ug/l	97
44) Trichloroethene	9.102	130	165806	46.928	ug/l	95
45) 1,2-Dichloropropane	9.379	63	147958	47.462	ug/l	97
46) Dibromomethane	9.467	93	81146	45.839	ug/l	97
47) Bromodichloromethane	9.650	83	220203	47.800	ug/l	98
48) Methyl methacrylate	9.450	41	79212	50.378	ug/l	98
49) 1,4-Dioxane	9.450	88	17754	905.042	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	399028	250.208	ug/l	98
52) Toluene	10.397	92	393450	48.526	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	210570	49.913	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	240606	48.780	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	118430	47.376	ug/l	96
56) Ethyl methacrylate	10.649	69	143507	52.022	ug/l	98
57) 1,3-Dichloropropane	10.938	76	193998	47.121	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	283488	255.539	ug/l	97
59) 2-Hexanone	10.973	43	282255	256.647	ug/l	100
60) Dibromochloromethane	11.132	129	155208	47.627	ug/l	99
61) 1,2-Dibromoethane	11.238	107	115070	48.050	ug/l	97
64) Tetrachloroethene	10.867	164	134587	44.403	ug/l	95
65) Chlorobenzene	11.661	112	435153	47.593	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	165132	46.604	ug/l	99
67) Ethyl Benzene	11.732	91	759958	48.889	ug/l	93
68) m/p-Xylenes	11.844	106	598831	97.824	ug/l	100
69) o-Xylene	12.167	106	277787	48.687	ug/l	99
70) Styrene	12.185	104	482677	49.331	ug/l	98
71) Bromoform	12.349	173	88305	45.769	ug/l #	99
73) Isopropylbenzene	12.467	105	750381	50.370	ug/l	98
74) N-amyl acetate	12.279	43	151264	50.238	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	129905	46.370	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	164542	82.342	ug/l #	1
77) Bromobenzene	12.749	156	177605	48.990	ug/l	100
78) n-propylbenzene	12.808	91	932214	51.089	ug/l	99
79) 2-Chlorotoluene	12.896	91	530936	49.607	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	653216	51.341	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	45172	52.169	ug/l	98
82) 4-Chlorotoluene	12.991	91	559056	48.939	ug/l	100
83) tert-Butylbenzene	13.208	119	569715	51.728	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	642776	51.215	ug/l	100
85) sec-Butylbenzene	13.385	105	829224	50.633	ug/l	100
86) p-Isopropyltoluene	13.502	119	695954	51.447	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	361471	48.329	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	354817	47.865	ug/l	100
89) n-Butylbenzene	13.826	91	651437	51.217	ug/l	100
90) Hexachloroethane	14.096	117	138177	47.826	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	312930	48.497	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	20493	46.841	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	193855	51.573	ug/l	98
94) Hexachlorobutadiene	15.249	225	105613	49.579	ug/l	99
95) Naphthalene	15.379	128	344762	47.485	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	168156	51.426	ug/l	98

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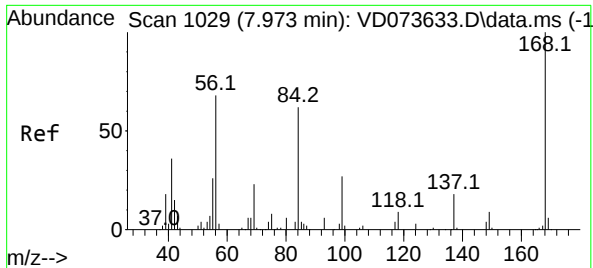
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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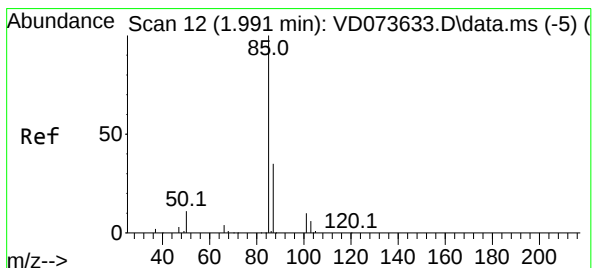
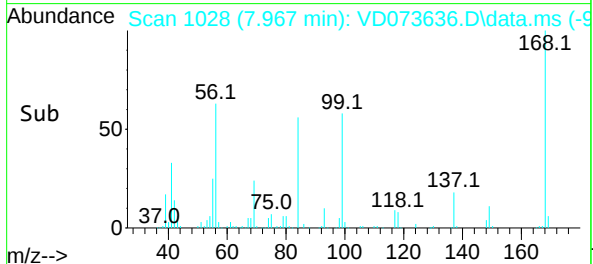
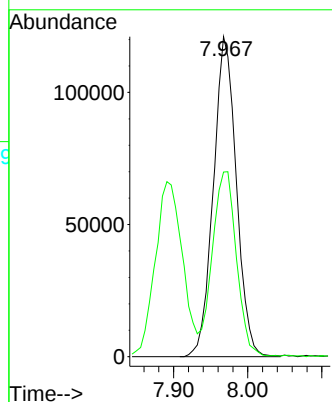
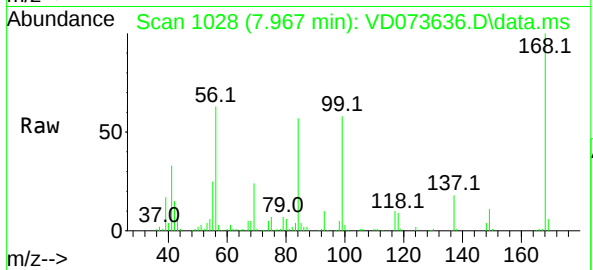




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073636.D
Acq: 20 Jun 2022 17:26

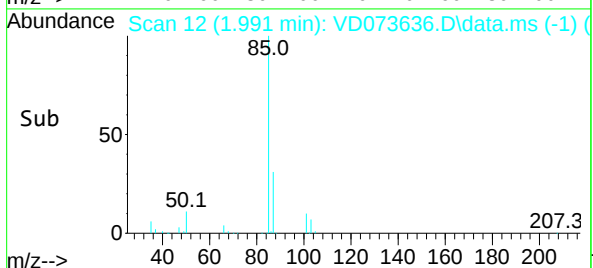
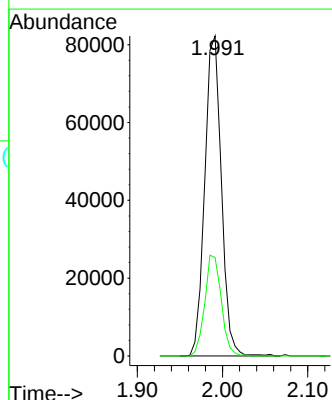
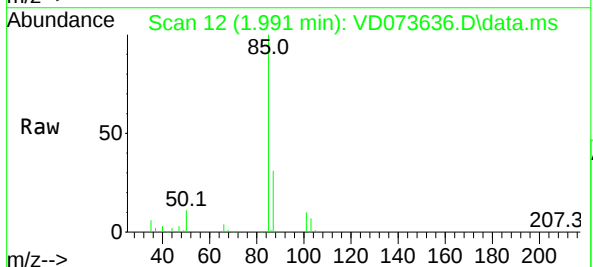
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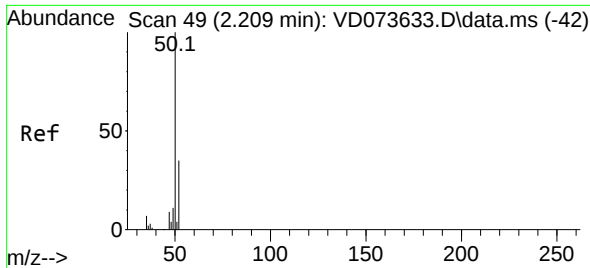
Tgt Ion:168 Resp: 260532
Ion Ratio Lower Upper
168 100
99 57.5 47.4 71.0



#2
Dichlorodifluoromethane
Concen: 49.779 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073636.D
Acq: 20 Jun 2022 17:26

Tgt Ion: 85 Resp: 111532
Ion Ratio Lower Upper
85 100
87 30.8 17.4 52.2

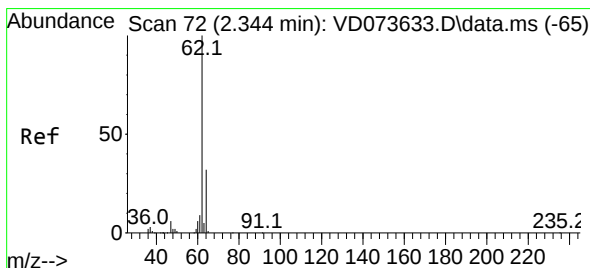
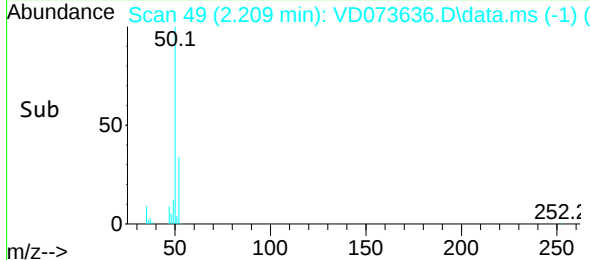
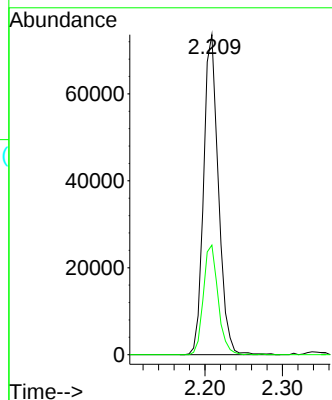
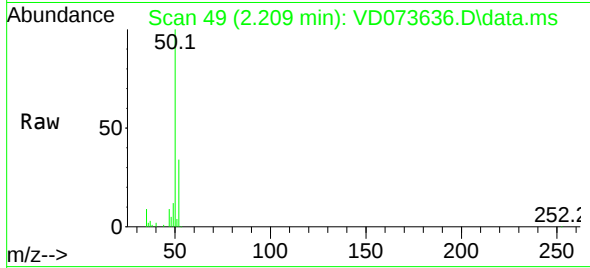




#3
Chloromethane
Concen: 42.928 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073636.D
Acq: 20 Jun 2022 17:26

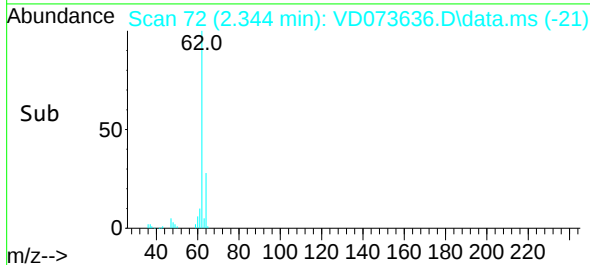
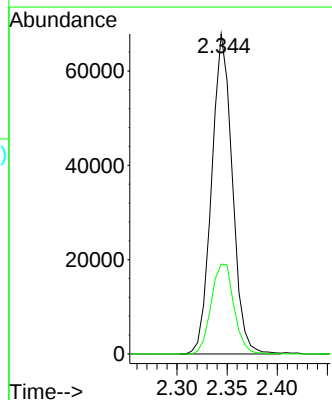
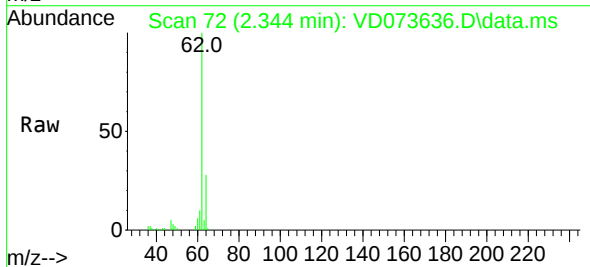
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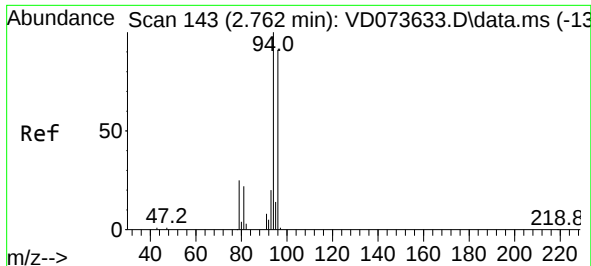
Tgt Ion: 50 Resp: 97733
Ion Ratio Lower Upper
50 100
52 34.2 27.8 41.8



#4
Vinyl Chloride
Concen: 45.391 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073636.D
Acq: 20 Jun 2022 17:26

Tgt Ion: 62 Resp: 97433
Ion Ratio Lower Upper
62 100
64 28.0 25.9 38.9

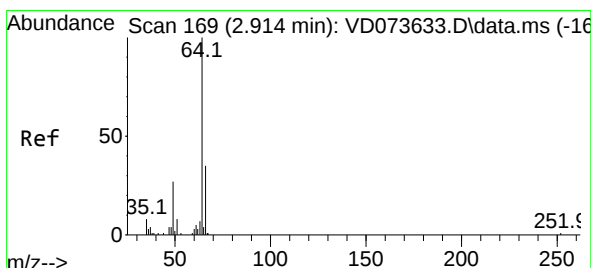
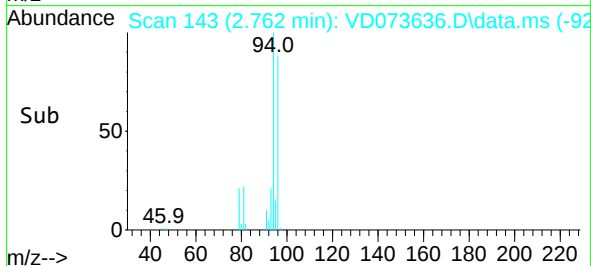
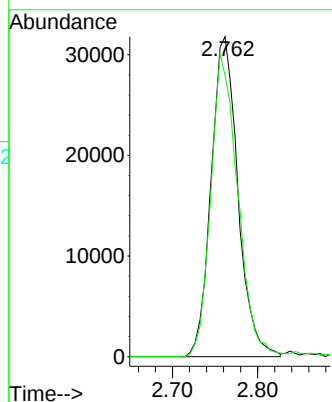
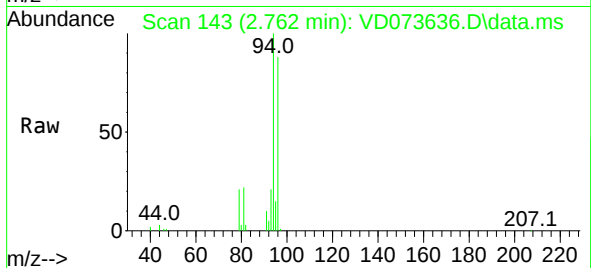




#5
Bromomethane
Concen: 46.141 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.000 min
Lab File: VD073636.D
Acq: 20 Jun 2022 17:26

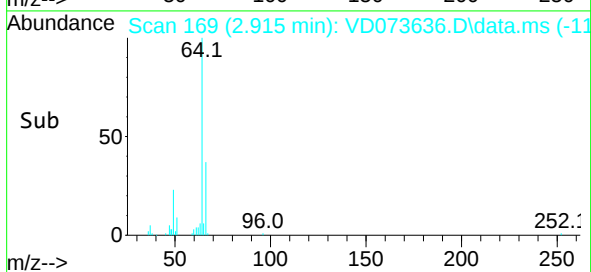
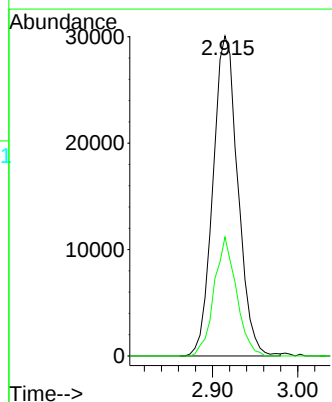
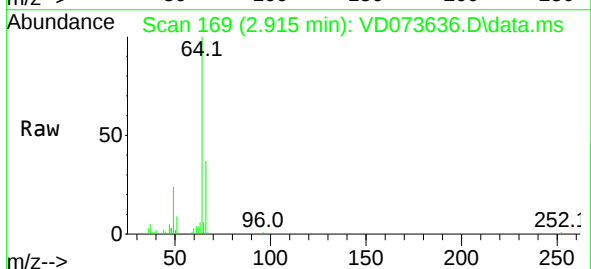
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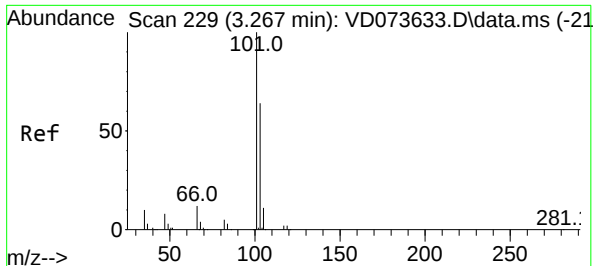
Tgt Ion: 94 Resp: 69468
Ion Ratio Lower Upper
94 100
96 88.0 72.6 108.8



#6
Chloroethane
Concen: 43.920 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD073636.D
Acq: 20 Jun 2022 17:26

Tgt Ion: 64 Resp: 61010
Ion Ratio Lower Upper
64 100
66 37.2 27.7 41.5

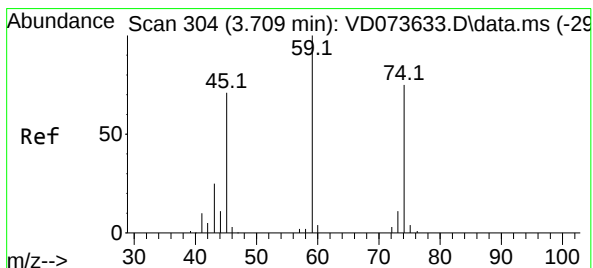
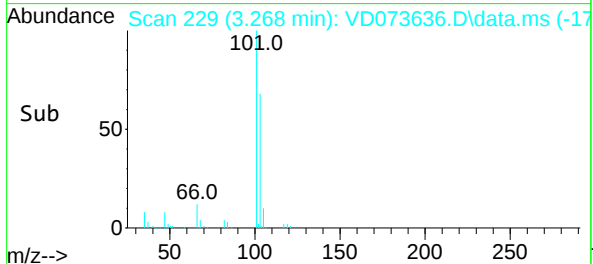
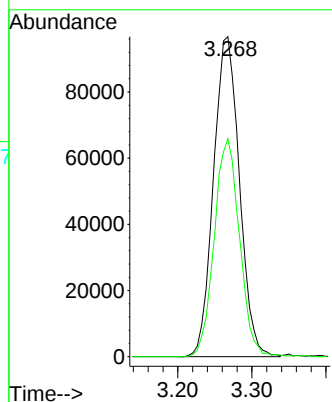
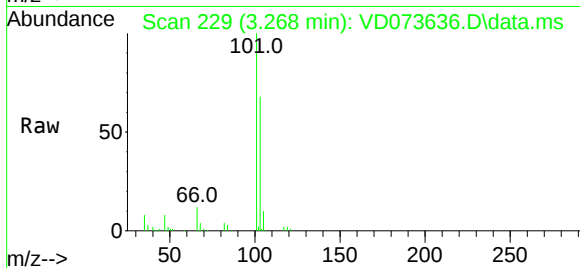




#7
 Trichlorofluoromethane
 Concen: 47.262 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073636.D
 Acq: 20 Jun 2022 17:26

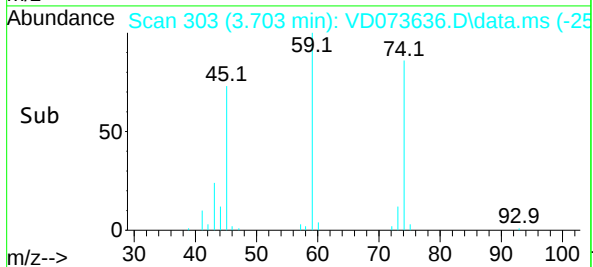
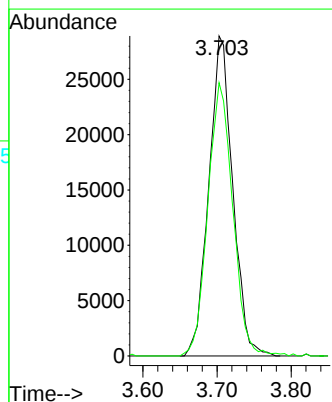
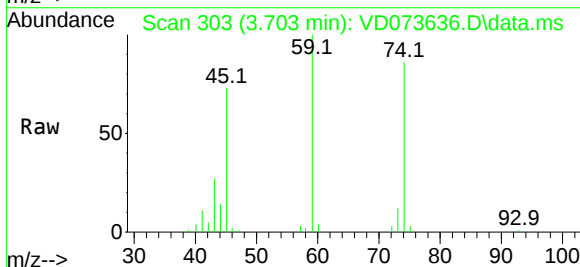
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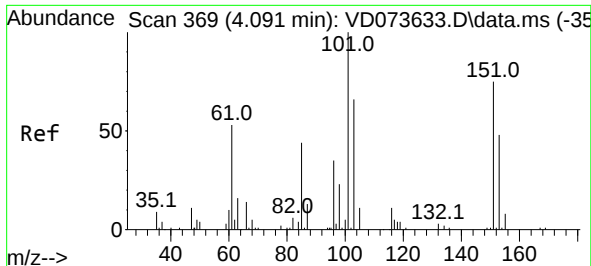
Tgt Ion:101 Resp: 235016
 Ion Ratio Lower Upper
 101 100
 103 68.1 51.2 76.8



#8
 Diethyl Ether
 Concen: 49.909 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 64744
 Ion Ratio Lower Upper
 74 100
 45 89.3 47.6 142.8



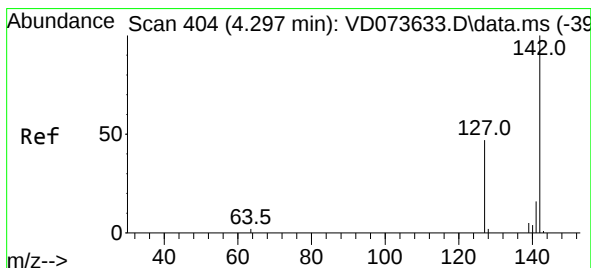
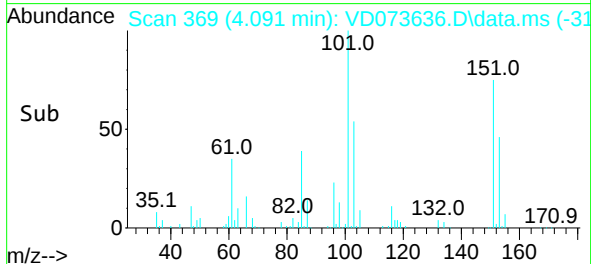
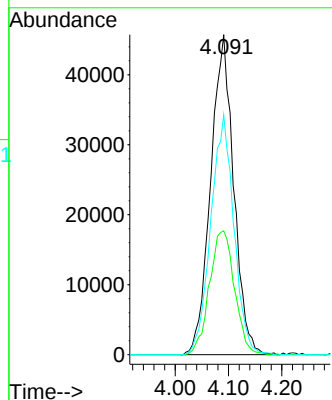
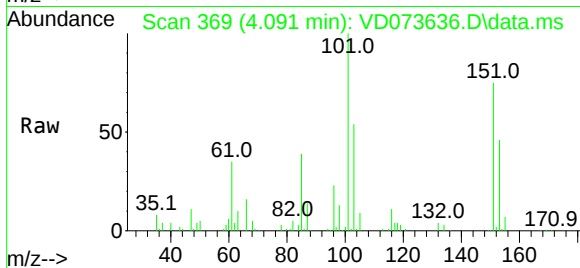


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.814 ug/l
 RT: 4.091 min Scan# 369
 Delta R.T. 0.000 min
 Lab File: VD073636.D
 Acq: 20 Jun 2022 17:26

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD062022

Tgt Ion:101 Resp: 137347

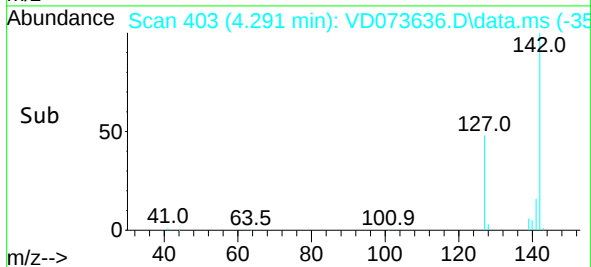
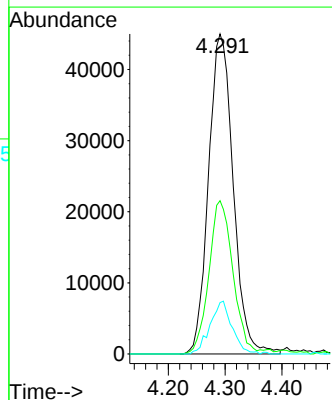
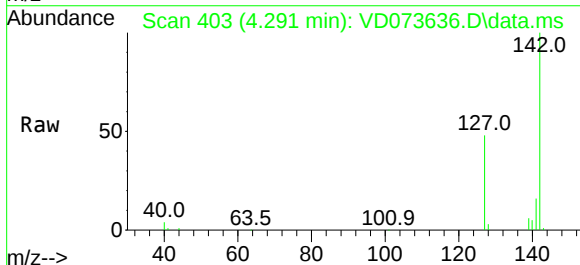
Ion	Ratio	Lower	Upper
101	100		
85	42.1	35.2	52.8
151	75.1	63.4	95.0

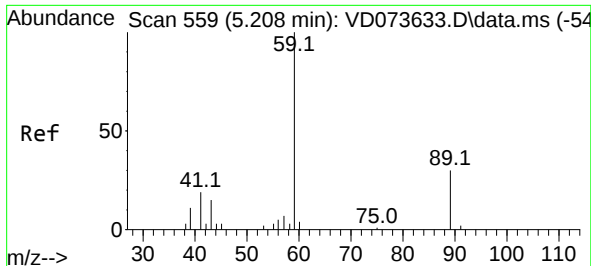


#10
 Methyl Iodide
 Concen: 48.710 ug/l
 RT: 4.291 min Scan# 403
 Delta R.T. -0.006 min
 Lab File: VD073636.D
 Acq: 20 Jun 2022 17:26

Tgt Ion:142 Resp: 135538

Ion	Ratio	Lower	Upper
142	100		
127	46.8	37.2	55.8
141	14.7	12.3	18.5

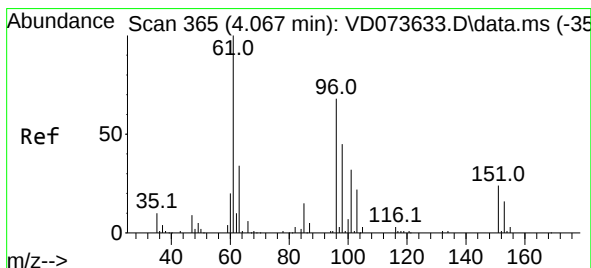
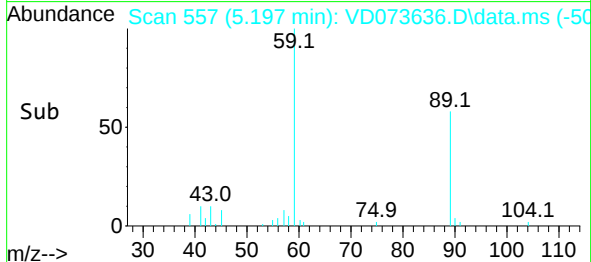
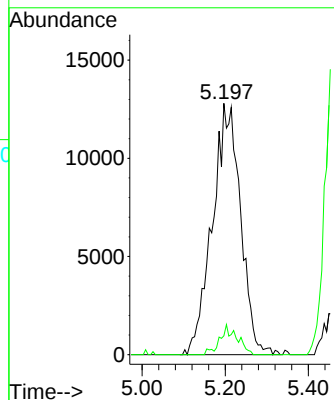
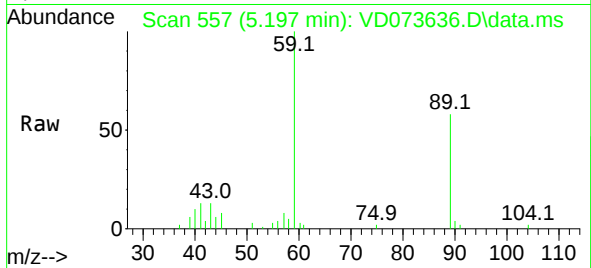




#11
Tert butyl alcohol
Concen: 289.815 ug/l
RT: 5.197 min Scan# 51
Delta R.T. -0.011 min
Lab File: VD073636.D
Acq: 20 Jun 2022 17:26

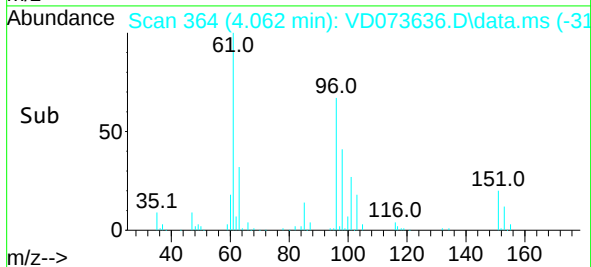
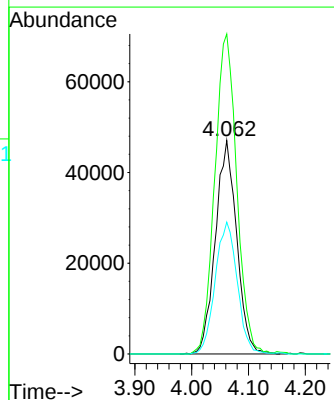
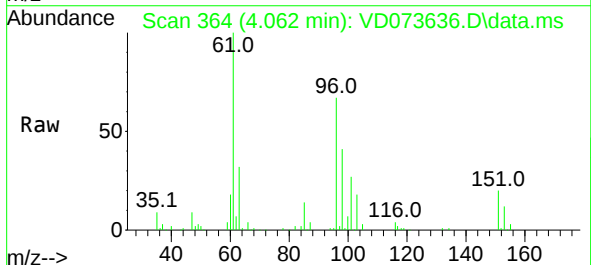
Instrument :
MSVOA_D
ClientSampleId :
ICVVD062022

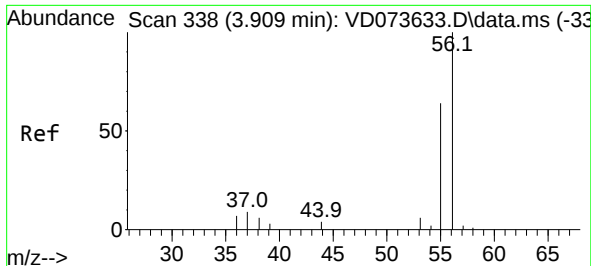
Tgt Ion: 59 Resp: 60242
Ion Ratio Lower Upper
59 100
57 6.6 6.7 10.1#



#12
1,1-Dichloroethene
Concen: 48.787 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073636.D
Acq: 20 Jun 2022 17:26

Tgt Ion: 96 Resp: 122499
Ion Ratio Lower Upper
96 100
61 149.9 118.5 177.7
98 61.8 52.8 79.2

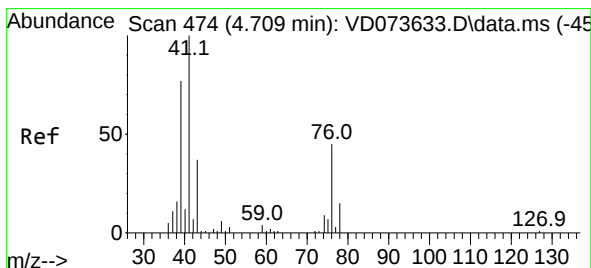
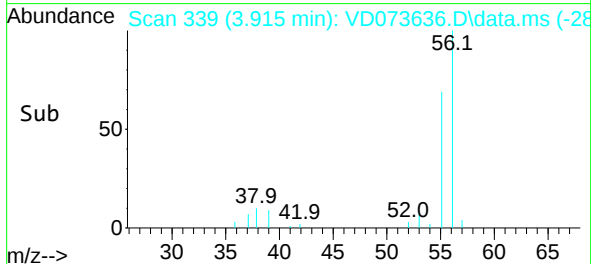
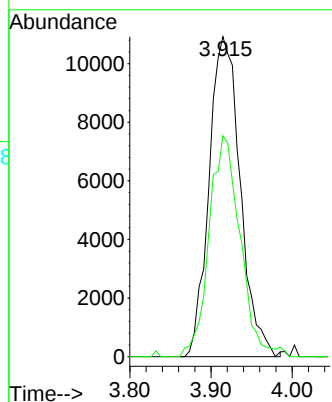
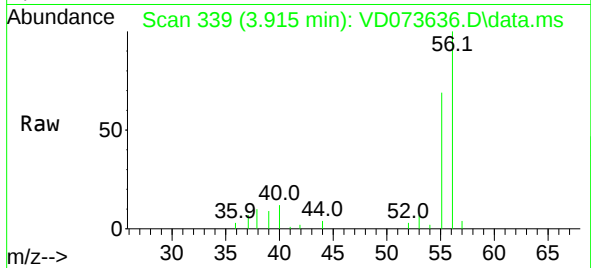




#13
Acrolein
Concen: 263.001 ug/l
RT: 3.915 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073636.D
Acq: 20 Jun 2022 17:26

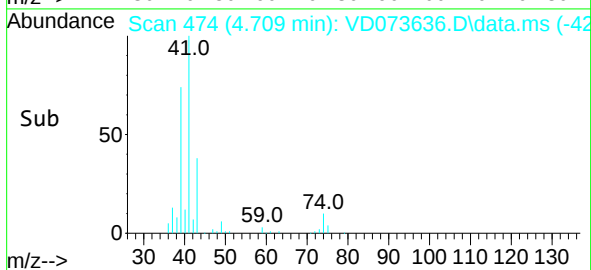
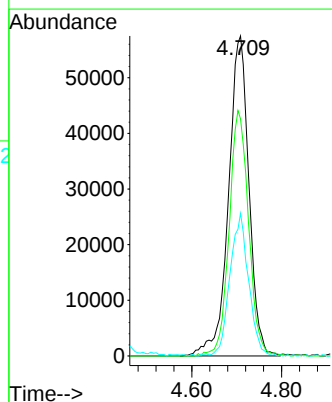
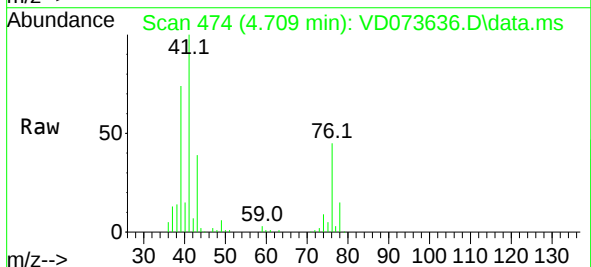
Instrument :
MSVOA_D
ClientSampleId :
ICVVD062022

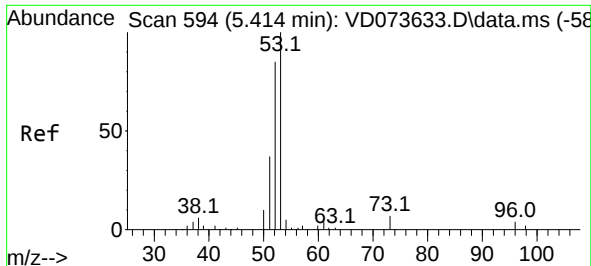
Tgt Ion: 56 Resp: 29113
Ion Ratio Lower Upper
56 100
55 68.9 56.4 84.6



#14
Allyl chloride
Concen: 50.316 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD073636.D
Acq: 20 Jun 2022 17:26

Tgt Ion: 41 Resp: 181789
Ion Ratio Lower Upper
41 100
39 73.1 57.3 85.9
76 40.5 33.4 50.0

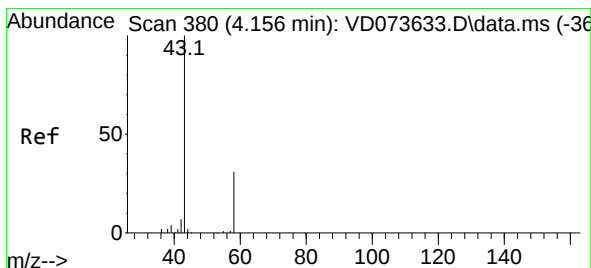
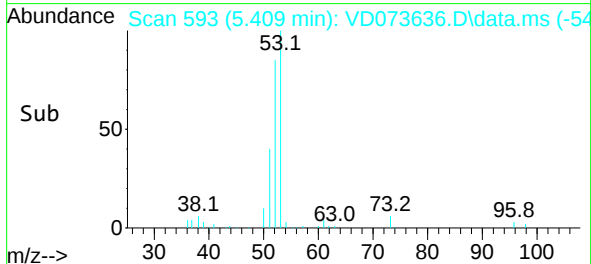
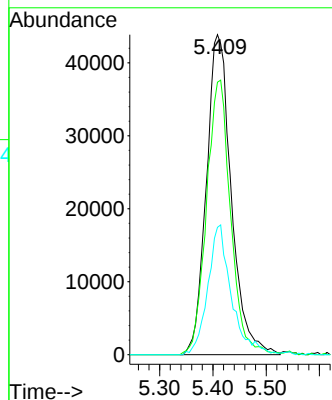
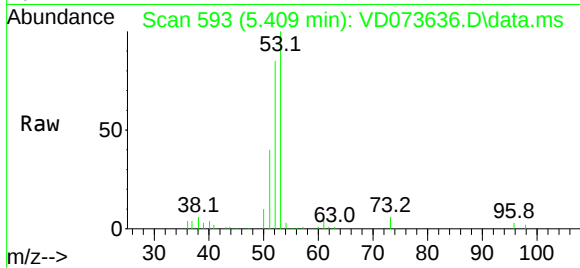




#15
Acrylonitrile
Concen: 242.543 ug/l
RT: 5.409 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073636.D
Acq: 20 Jun 2022 17:26

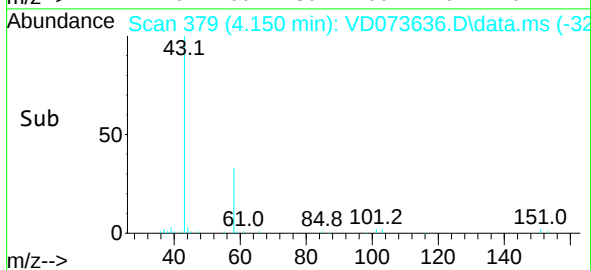
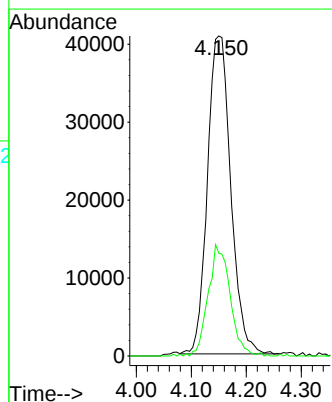
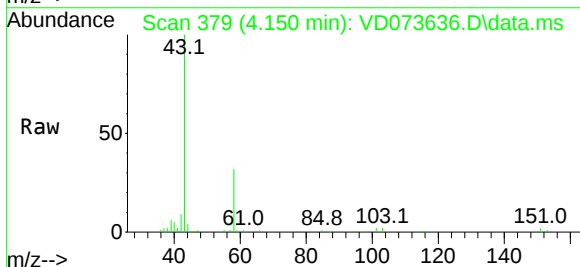
Instrument :
MSVOA_D
ClientSampleId :
ICVVD062022

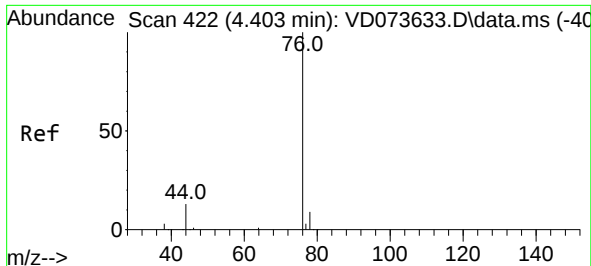
Tgt Ion: 53 Resp: 142741
Ion Ratio Lower Upper
53 100
52 82.9 64.6 97.0
51 38.3 29.6 44.4



#16
Acetone
Concen: 252.538 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073636.D
Acq: 20 Jun 2022 17:26

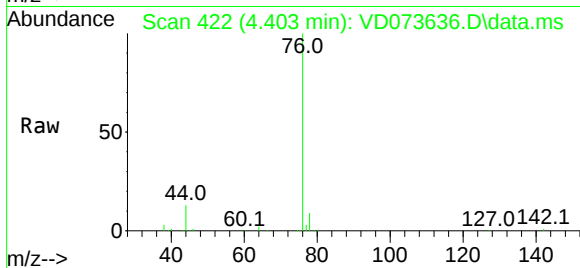
Tgt Ion: 43 Resp: 120352
Ion Ratio Lower Upper
43 100
58 31.8 25.0 37.4



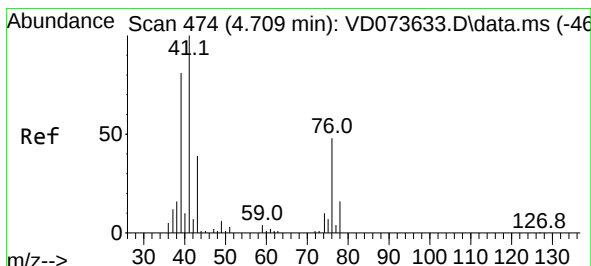
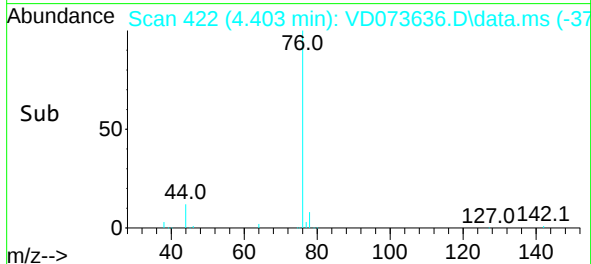
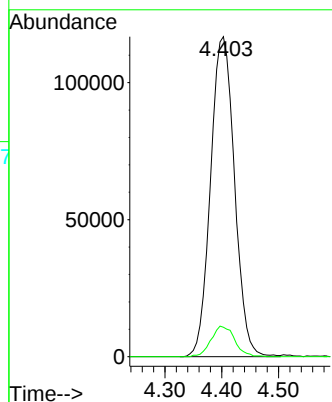


#17
Carbon Disulfide
Concen: 47.248 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073636.D
Acq: 20 Jun 2022 17:26

Instrument :
MSVOA_D
ClientSampleId :
ICVVD062022

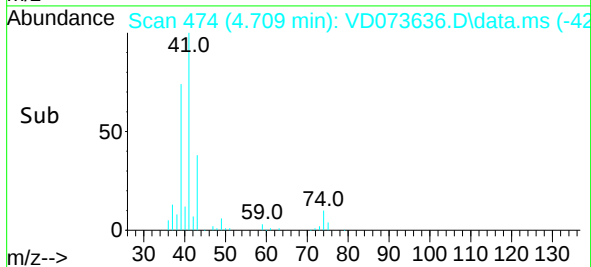
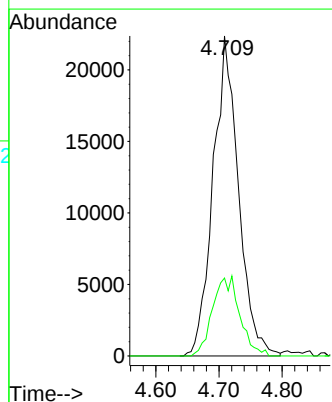
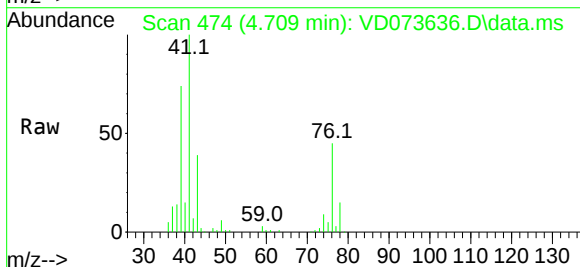


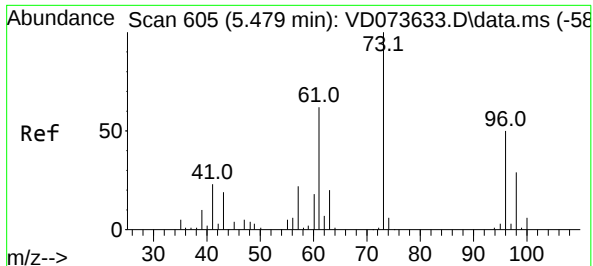
Tgt Ion: 76 Resp: 341999
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 47.750 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.000 min
Lab File: VD073636.D
Acq: 20 Jun 2022 17:26

Tgt Ion: 43 Resp: 62545
Ion Ratio Lower Upper
43 100
74 26.6 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 52.436 ug/l

RT: 5.467 min Scan# 605

Delta R.T. -0.012 min

Lab File: VD073636.D

Acq: 20 Jun 2022 17:26

Instrument :

MSVOA_D

ClientSampleId :

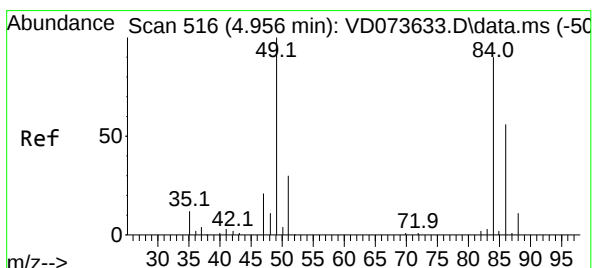
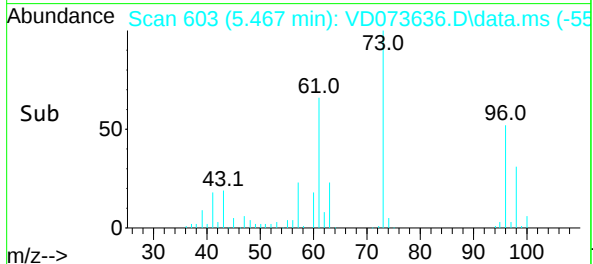
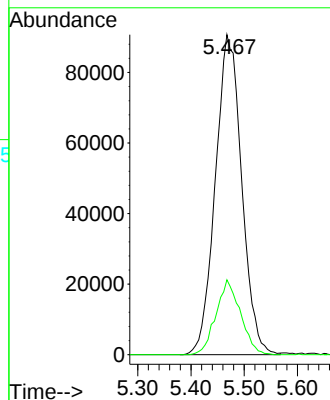
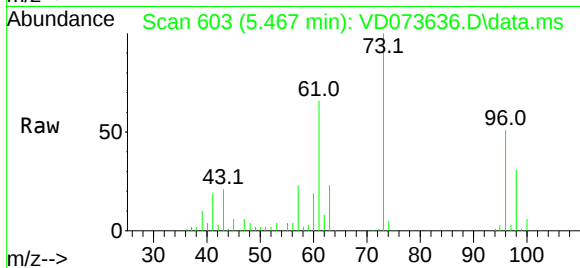
ICVVD062022

Tgt Ion: 73 Resp: 311517

Ion Ratio Lower Upper

73 100

57 23.4 17.7 26.5



#20

Methylene Chloride

Concen: 48.228 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.000 min

Lab File: VD073636.D

Acq: 20 Jun 2022 17:26

Tgt Ion: 84 Resp: 151483

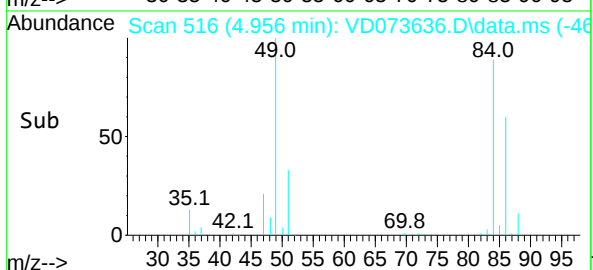
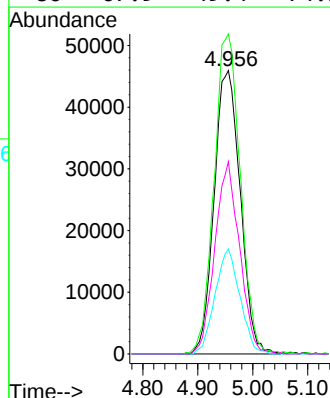
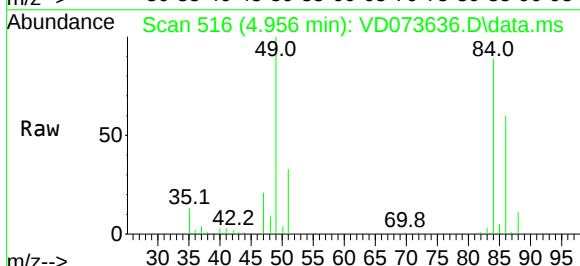
Ion Ratio Lower Upper

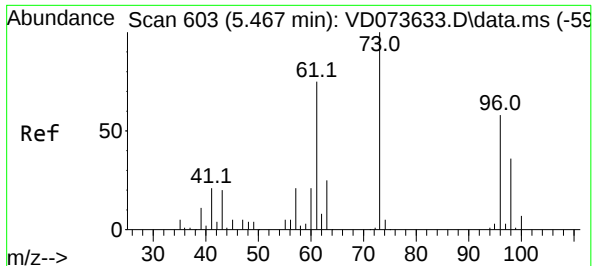
84 100

49 112.9 89.0 133.6

51 37.0 26.7 40.1

86 67.9 49.4 74.2

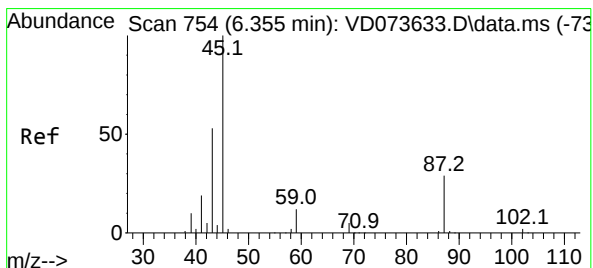
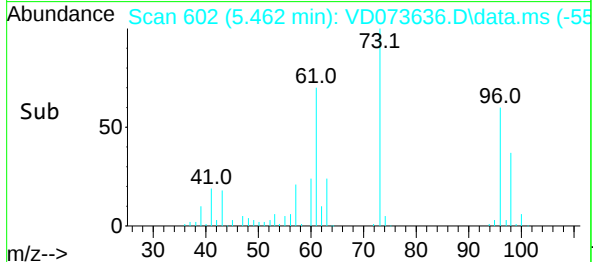
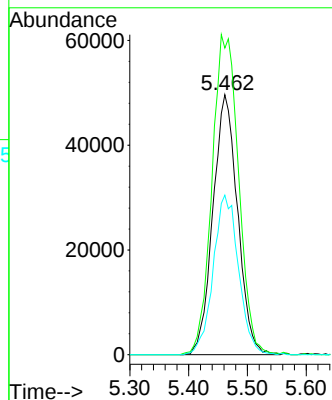
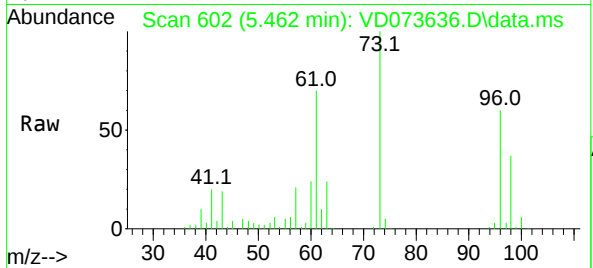




#21
trans-1,2-Dichloroethene
Concen: 48.458 ug/l
RT: 5.462 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD073636.D
Acq: 20 Jun 2022 17:26

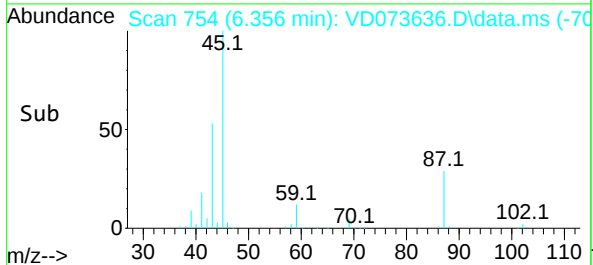
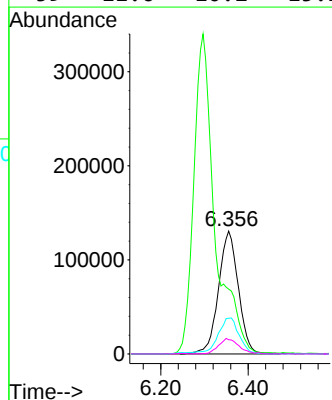
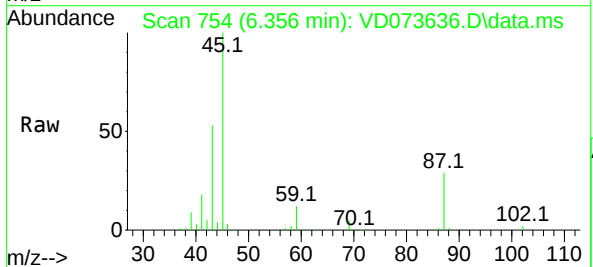
Instrument :
MSVOA_D
ClientSampleId :
ICVVD062022

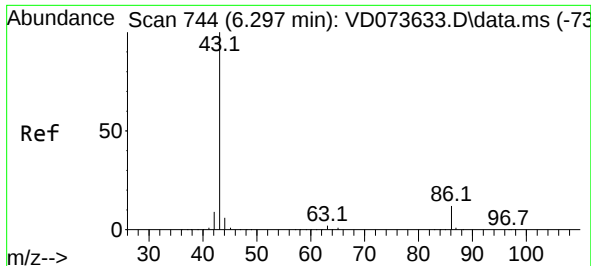
Tgt Ion: 96 Resp: 144665
Ion Ratio Lower Upper
96 100
61 117.9 103.2 154.8
98 61.4 50.2 75.4



#22
Diisopropyl ether
Concen: 50.706 ug/l
RT: 6.356 min Scan# 754
Delta R.T. 0.000 min
Lab File: VD073636.D
Acq: 20 Jun 2022 17:26

Tgt Ion: 45 Resp: 411034
Ion Ratio Lower Upper
45 100
43 52.0 43.8 65.6
87 28.9 23.8 35.6
59 11.6 10.2 15.2

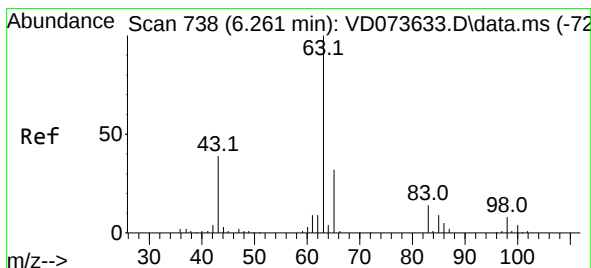
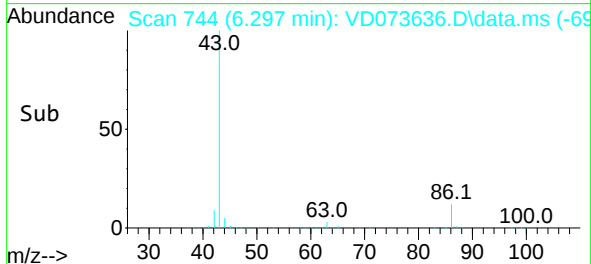
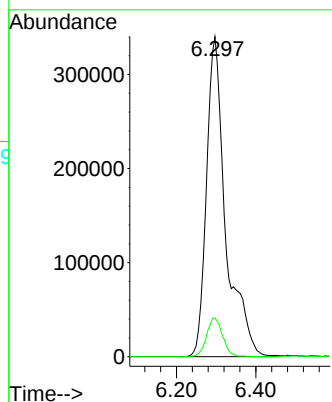
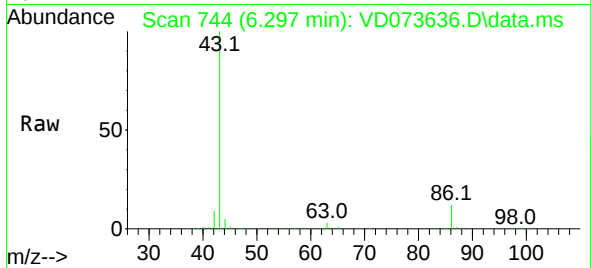




#23
 Vinyl Acetate
 Concen: 270.168 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073636.D
 Acq: 20 Jun 2022 17:26

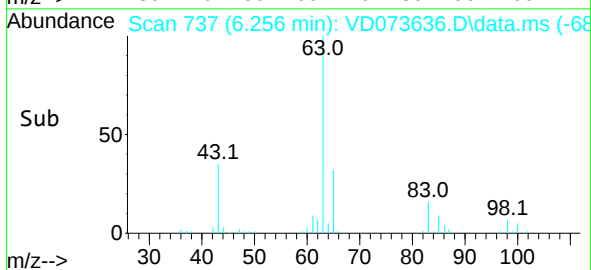
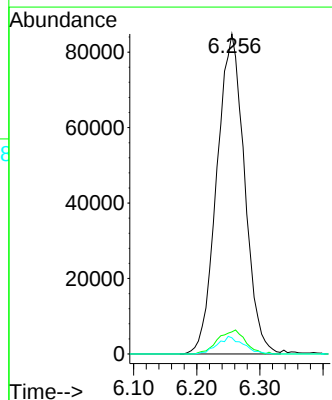
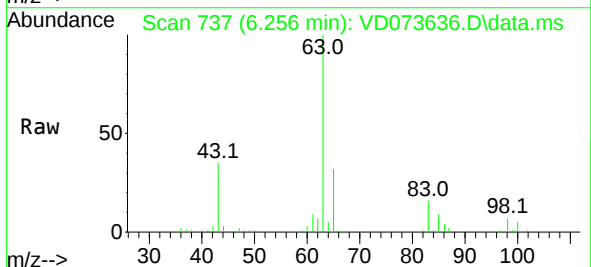
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD062022

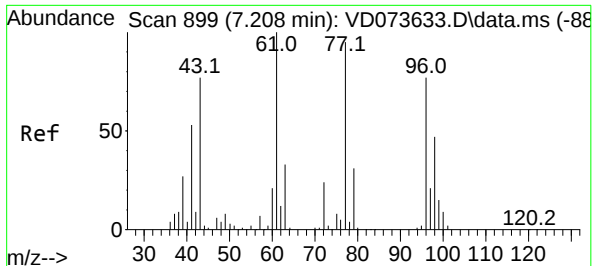
Tgt Ion: 43 Resp: 1145225
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 47.585 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073636.D
 Acq: 20 Jun 2022 17:26

Tgt Ion: 63 Resp: 258286
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.1 12.3
 100 5.0 2.1 6.2





#25

2-Butanone

Concen: 248.945 ug/l

RT: 7.203 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD073636.D

Acq: 20 Jun 2022 17:26

Instrument :

MSVOA_D

ClientSampleId :

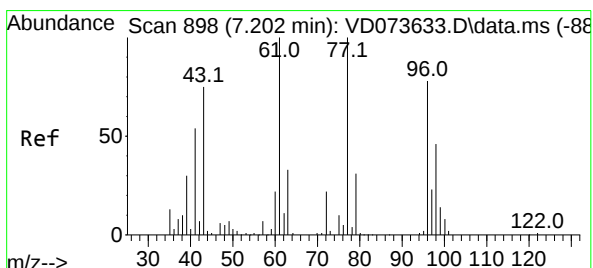
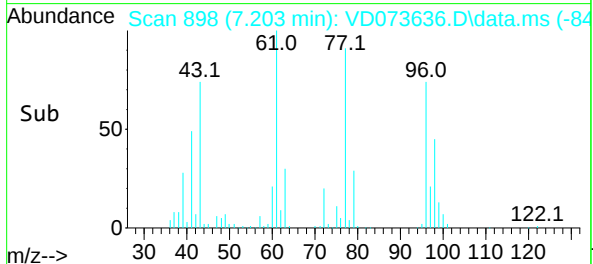
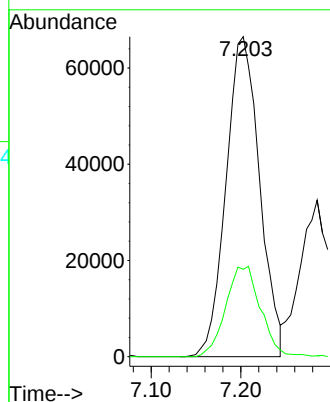
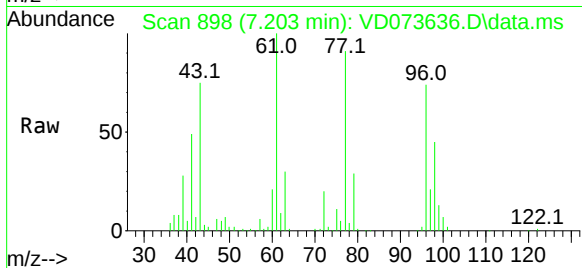
ICVVD062022

Tgt Ion: 43 Resp: 172705

Ion Ratio Lower Upper

43 100

72 27.3 24.7 37.1



#26

2,2-Dichloropropane

Concen: 48.250 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.006 min

Lab File: VD073636.D

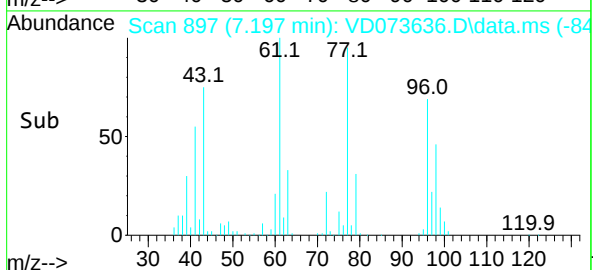
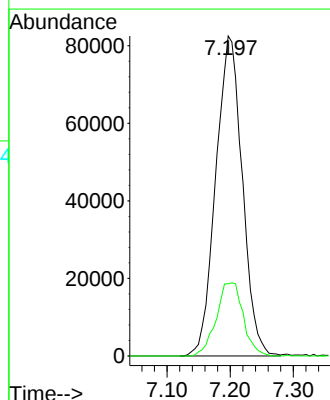
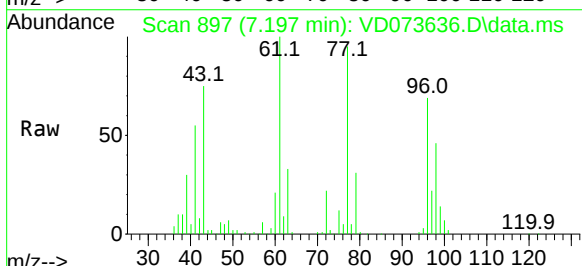
Acq: 20 Jun 2022 17:26

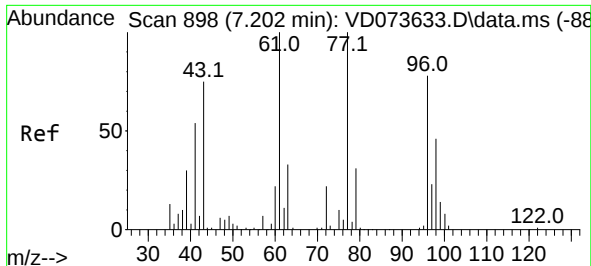
Tgt Ion: 77 Resp: 240619

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 48.430 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD073636.D

Acq: 20 Jun 2022 17:26

Instrument :

MSVOA_D

ClientSampleId :

ICVVD062022

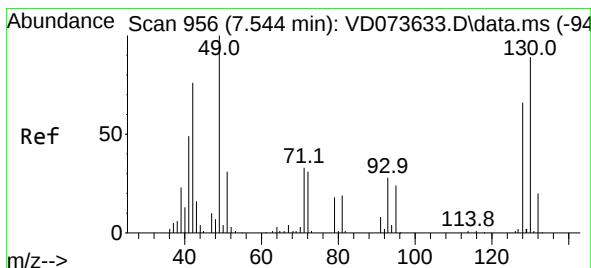
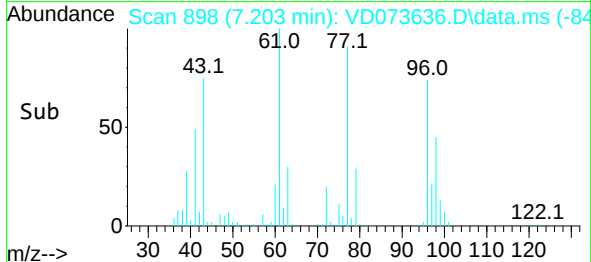
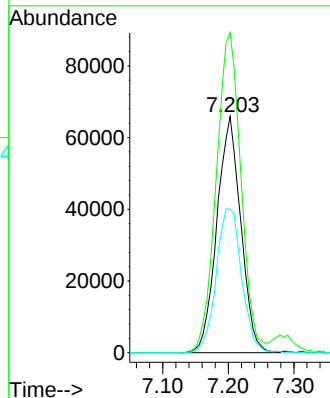
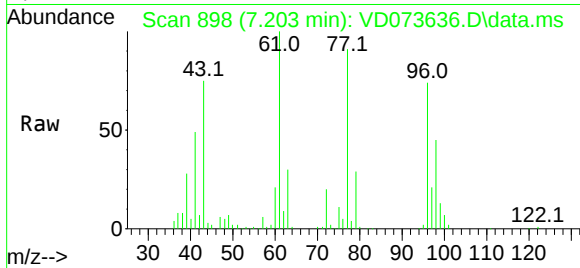
Tgt Ion: 96 Resp: 166787

Ion Ratio Lower Upper

96 100

61 140.7 0.0 273.2

98 65.1 0.0 126.8



#28

Bromochloromethane

Concen: 50.312 ug/l

RT: 7.538 min Scan# 955

Delta R.T. -0.006 min

Lab File: VD073636.D

Acq: 20 Jun 2022 17:26

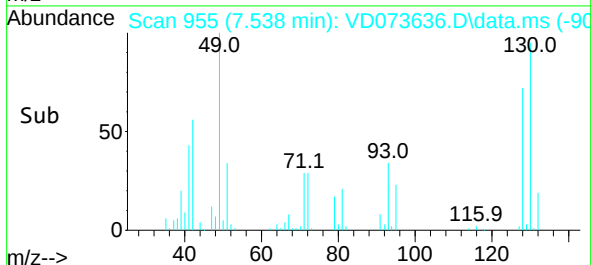
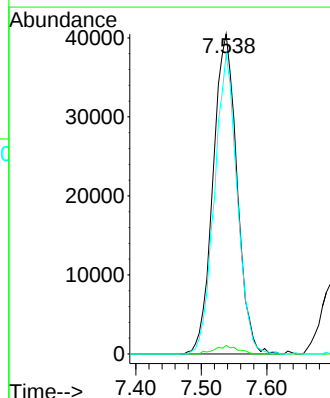
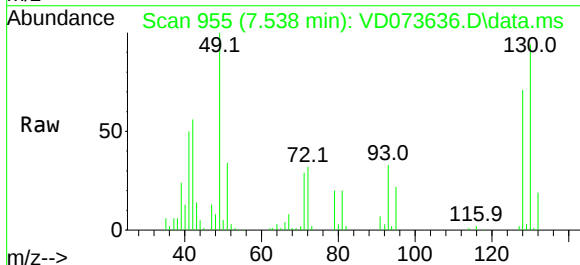
Tgt Ion: 49 Resp: 102288

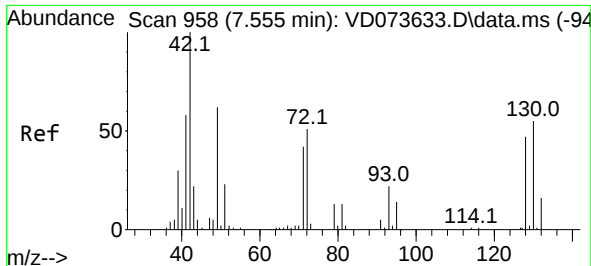
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

130 89.0 72.2 108.2





#29

Tetrahydrofuran

Concen: 248.914 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073636.D

Acq: 20 Jun 2022 17:26

Instrument :

MSVOA_D

ClientSampleId :

ICVVD062022

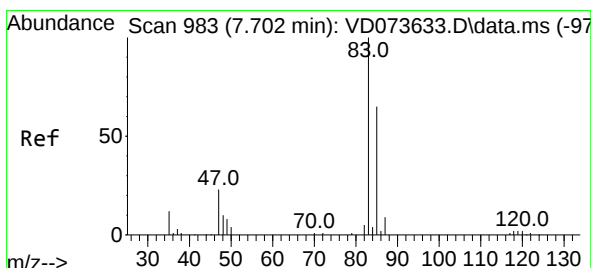
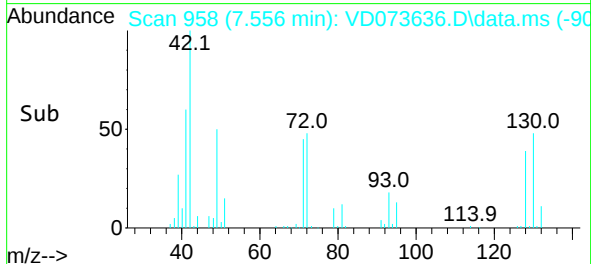
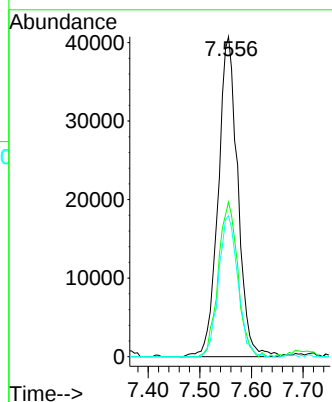
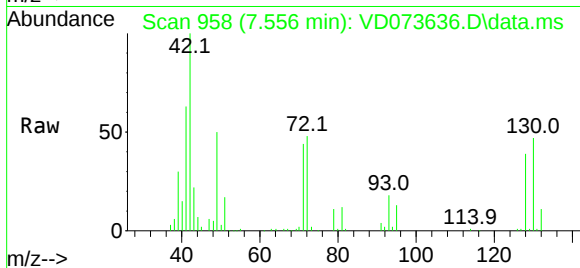
Tgt Ion: 42 Resp: 107096

Ion Ratio Lower Upper

42 100

72 47.8 37.9 56.9

71 43.5 35.2 52.8



#30

Chloroform

Concen: 47.209 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073636.D

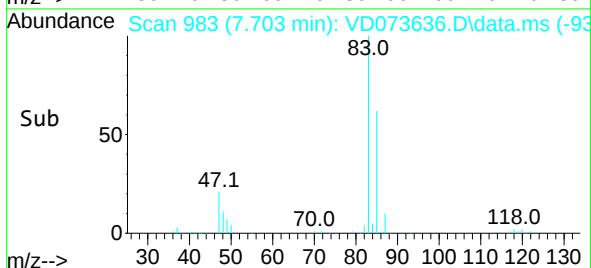
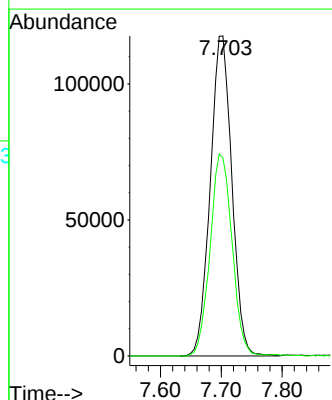
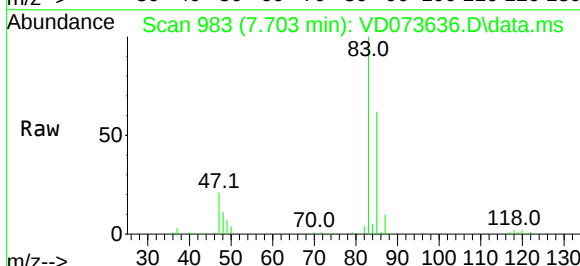
Acq: 20 Jun 2022 17:26

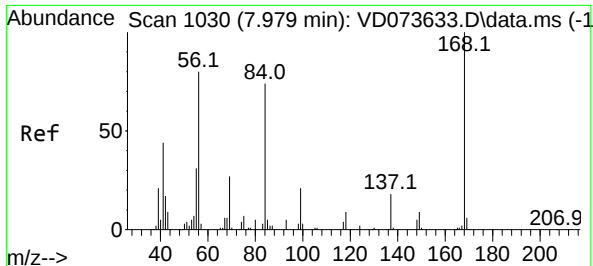
Tgt Ion: 83 Resp: 290096

Ion Ratio Lower Upper

83 100

85 61.9 51.8 77.8





#31

Cyclohexane

Concen: 47.249 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073636.D

Acq: 20 Jun 2022 17:26

Instrument :

MSVOA_D

ClientSampleId :

ICVVD062022

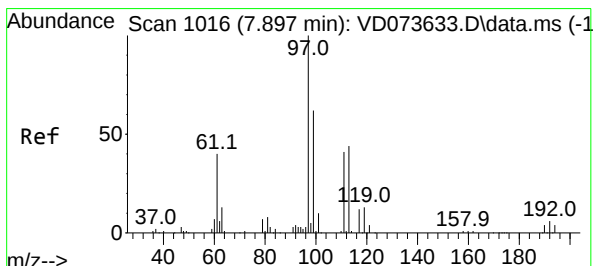
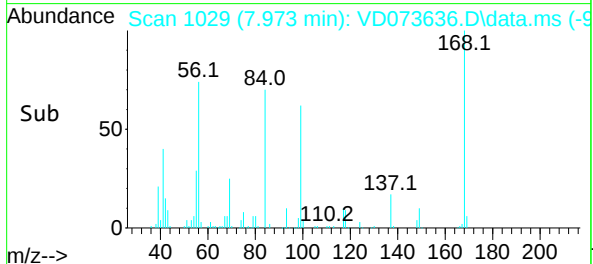
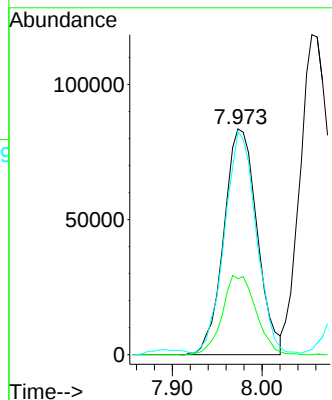
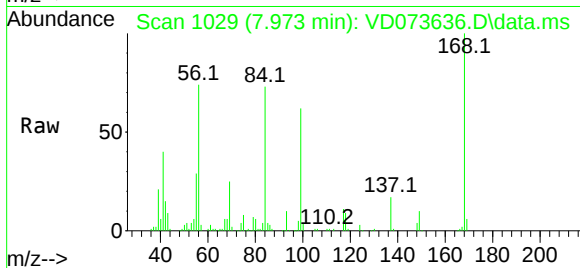
Tgt Ion: 56 Resp: 215497

Ion Ratio Lower Upper

56 100

69 33.7 26.9 40.3

84 97.0 73.8 110.8



#32

1,1,1-Trichloroethane

Concen: 48.354 ug/l

RT: 7.891 min Scan# 1015

Delta R.T. -0.006 min

Lab File: VD073636.D

Acq: 20 Jun 2022 17:26

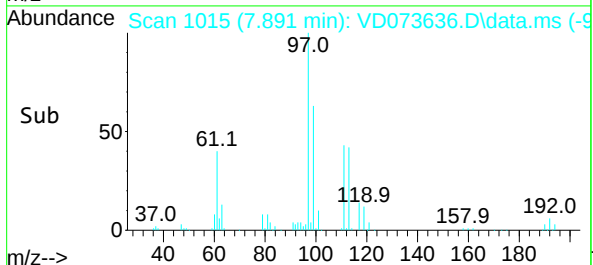
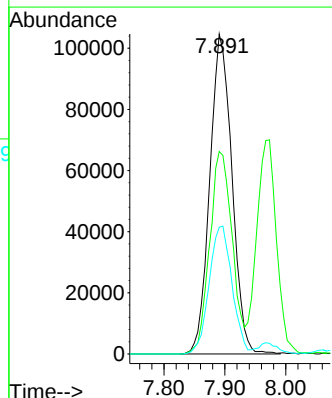
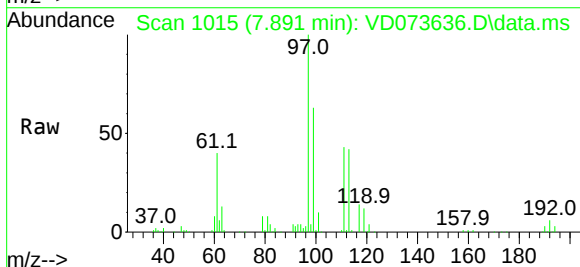
Tgt Ion: 97 Resp: 264402

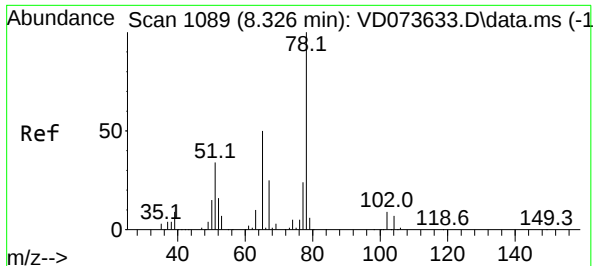
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 41.3 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 46.918 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073636.D

Acq: 20 Jun 2022 17:26

Instrument :

MSVOA_D

ClientSampleId :

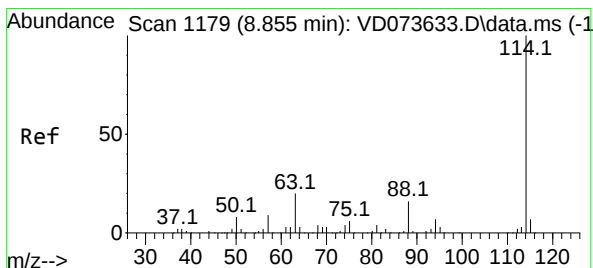
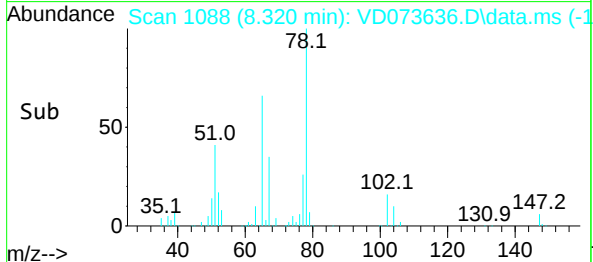
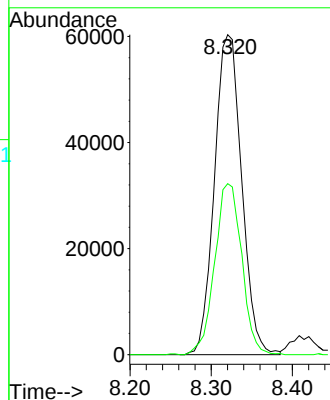
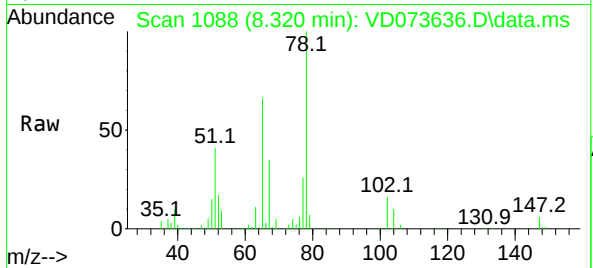
ICVVD062022

Tgt Ion: 65 Resp: 140646

Ion Ratio Lower Upper

65 100

67 53.1 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073636.D

Acq: 20 Jun 2022 17:26

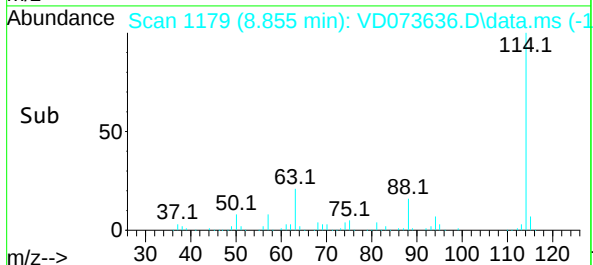
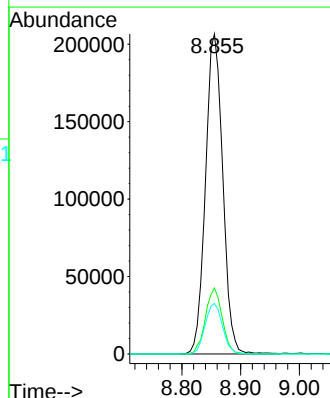
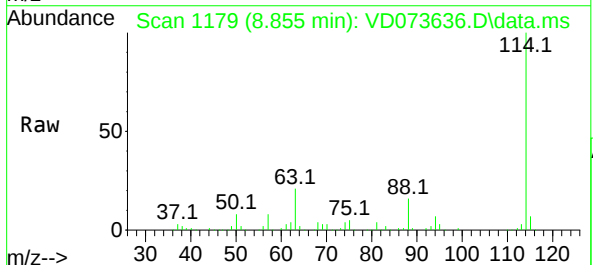
Tgt Ion: 114 Resp: 422039

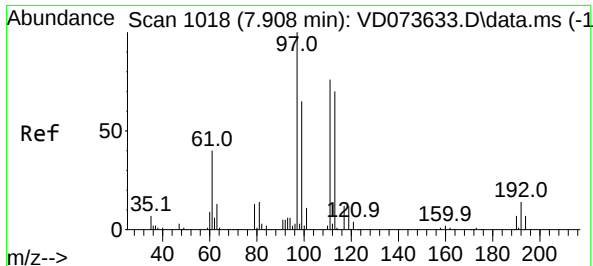
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.4

88 15.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 47.523 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073636.D

Acq: 20 Jun 2022 17:26

Instrument :

MSVOA_D

ClientSampleId :

ICVVD062022

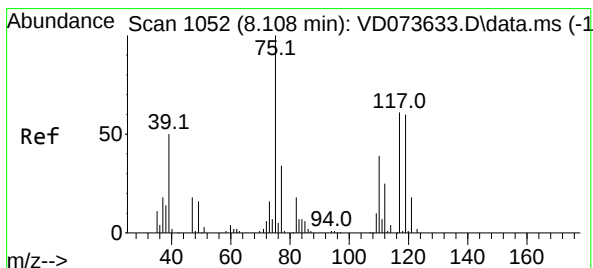
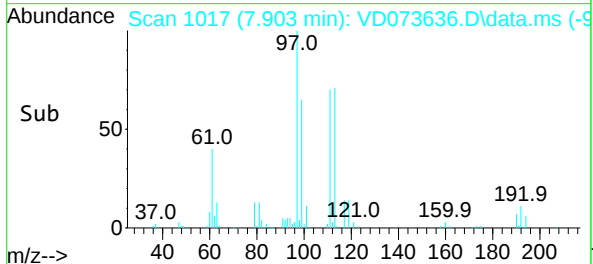
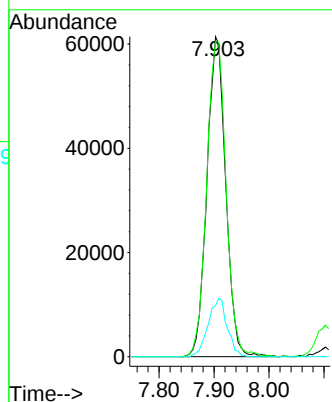
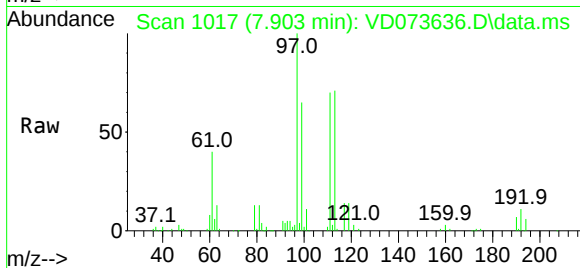
Tgt Ion:113 Resp: 145498

Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

192 18.4 14.3 21.5



#36

1,1-Dichloropropene

Concen: 47.879 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073636.D

Acq: 20 Jun 2022 17:26

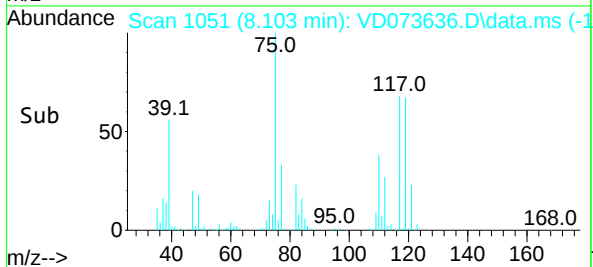
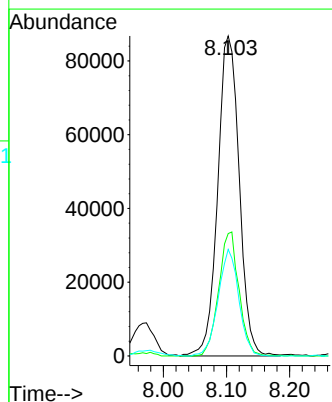
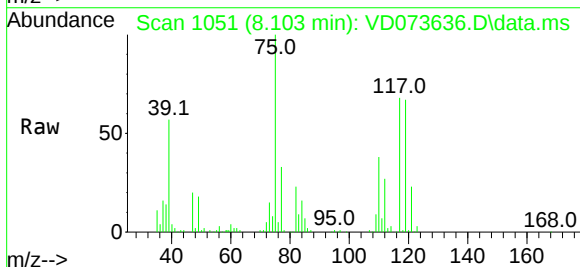
Tgt Ion: 75 Resp: 205325

Ion Ratio Lower Upper

75 100

110 36.5 18.4 55.4

77 32.0 25.7 38.5



#37
Ethyl Acetate
Concen: 47.986 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.006 min
Lab File: VD073636.D
Acq: 20 Jun 2022 17:26

Ref

Tgt	Ion: 43	Resp:	7917
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.5	15.7
70	10.9	8.9	13.3

Instrument :

MSVOA_D

ClientSampleId :

ICVVD062022

Raw

Sub