

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071122\
 Data File : VD073822.D
 Acq On : 11 Jul 2022 11:18
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 12 06:37:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 06:36:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	118934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	231851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	212469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	91470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	9320	6.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	12.520%#
35) Dibromofluoromethane	7.908	113	8438	5.780	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.560%#
50) Toluene-d8	10.332	98	30674	6.251	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	12.500%#
62) 4-Bromofluorobenzene	12.614	95	11237	5.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	10.860%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	4068	5.096	ug/l	88
3) Chloromethane	2.209	50	6006	5.823	ug/l	91
4) Vinyl Chloride	2.344	62	6985	5.538	ug/l	99
5) Bromomethane	2.762	94	5711	5.777	ug/l	85
6) Chloroethane	2.915	64	5178	5.386	ug/l	91
7) Trichlorofluoromethane	3.268	101	10075	5.169	ug/l	88
8) Diethyl Ether	3.697	74	3281	5.547	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.079	101	5988	4.941	ug/l	91
10) Methyl Iodide	4.285	142	3561	4.538	ug/l #	36
11) Tert butyl alcohol	5.173	59	16892	34.267	ug/l #	100
12) 1,1-Dichloroethene	4.056	96	4837	5.096	ug/l	97
13) Acrolein	3.926	56	217	3.012	ug/l #	47
14) Allyl chloride	4.709	41	8662	4.825	ug/l	91
15) Acrylonitrile	5.403	53	8305	24.542	ug/l	99
16) Acetone	4.156	43	7921	25.154	ug/l #	83
17) Carbon Disulfide	4.397	76	8181	5.330	ug/l	99
18) Methyl Acetate	4.709	43	7668	7.595	ug/l #	79
19) Methyl tert-butyl Ether	5.467	73	16105	4.553	ug/l	98
20) Methylene Chloride	4.956	84	10888	4.038	ug/l	92
21) trans-1,2-Dichloroethene	5.456	96	5778	5.084	ug/l #	78
22) Diisopropyl ether	6.356	45	21980	4.700	ug/l #	91
23) Vinyl Acetate	6.291	43	39011	15.799	ug/l	96
24) 1,1-Dichloroethane	6.256	63	12745	4.896	ug/l	97
25) 2-Butanone	7.197	43	10908	23.199	ug/l	91
26) 2,2-Dichloropropane	7.191	77	13097	5.321	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	7806	4.915	ug/l	96
28) Bromochloromethane	7.532	49	5752	5.664	ug/l #	97
29) Tetrahydrofuran	7.550	42	6563	23.771	ug/l	97
30) Chloroform	7.708	83	14524	5.004	ug/l #	79
31) Cyclohexane	7.979	56	12107	6.532	ug/l #	80
32) 1,1,1-Trichloroethane	7.891	97	12036	4.896	ug/l	97
36) 1,1-Dichloropropene	8.108	75	8870	4.961	ug/l	92
37) Ethyl Acetate	7.279	43	5660	5.384	ug/l #	89
38) Carbon Tetrachloride	8.091	117	9655	4.751	ug/l #	95
39) Methylcyclohexane	9.344	83	9328	5.075	ug/l	94
40) Benzene	8.344	78	26135	4.969	ug/l	94

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 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 12 06:37:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 06:36:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	2295	3.746	ug/l #	75
42) 1,2-Dichloroethane	8.408	62	9086	5.017	ug/l #	77
43) Isopropyl Acetate	8.444	43	9837	4.623	ug/l	94
44) Trichloroethene	9.097	130	6868	4.909	ug/l	83
45) 1,2-Dichloropropane	9.373	63	7621	5.046	ug/l #	69
46) Dibromomethane	9.467	93	3833	4.432	ug/l	96
47) Bromodichloromethane	9.650	83	10704	4.544	ug/l	99
48) Methyl methacrylate	9.444	41	4404	4.537	ug/l	98
49) 1,4-Dioxane	9.455	88	1020	95.070	ug/l	94
51) 4-Methyl-2-Pentanone	10.214	43	25413	22.880	ug/l	97
52) Toluene	10.391	92	16249	4.657	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	10311	4.758	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	11312	4.707	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	6015	4.970	ug/l #	83
56) Ethyl methacrylate	10.650	69	6488	4.200	ug/l	96
57) 1,3-Dichloropropane	10.932	76	9750	4.666	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	16654	27.410	ug/l	98
59) 2-Hexanone	10.973	43	16692	22.382	ug/l	94
60) Dibromochloromethane	11.132	129	7477	4.985	ug/l	95
61) 1,2-Dibromoethane	11.238	107	5377	4.807	ug/l	97
64) Tetrachloroethene	10.867	164	5662	5.377	ug/l #	78
65) Chlorobenzene	11.661	112	19304	4.840	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.732	131	6916	4.487	ug/l	94
67) Ethyl Benzene	11.732	91	36111	4.968	ug/l	97
68) m/p-Xylenes	11.844	106	25544	9.317	ug/l	97
69) o-Xylene	12.173	106	12580	4.762	ug/l	98
70) Styrene	12.185	104	21184	4.581	ug/l	99
71) Bromoform	12.349	173	3662	4.665	ug/l #	98
73) Isopropylbenzene	12.467	105	31944	4.593	ug/l	97
74) N-amyl acetate	12.279	43	8742	4.479	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	6408	4.456	ug/l	94
76) 1,2,3-Trichloropropane	12.767	75	8714	8.476	ug/l	46
77) Bromobenzene	12.749	156	7393	5.088	ug/l	94
78) n-propylbenzene	12.808	91	42884	4.889	ug/l	99
79) 2-Chlorotoluene	12.896	91	25027	5.050	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	26937	4.618	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	1912	4.372	ug/l #	79
82) 4-Chlorotoluene	12.991	91	25520	4.902	ug/l	100
83) tert-Butylbenzene	13.208	119	24411	4.738	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	27138	4.697	ug/l	100
85) sec-Butylbenzene	13.391	105	36988	4.662	ug/l	99
86) p-Isopropyltoluene	13.502	119	28860	4.554	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	15140	4.966	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	14898	4.842	ug/l	88
89) n-Butylbenzene	13.826	91	30307	4.729	ug/l	98
90) Hexachloroethane	14.096	117	5699	4.507	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	13381	4.970	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	1208	5.087	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	7652	4.943	ug/l	97
94) Hexachlorobutadiene	15.243	225	3553	4.755	ug/l	93
95) Naphthalene	15.379	128	16302	4.722	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	6822	5.015	ug/l	94

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Data File : VD073822.D
Acq On : 11 Jul 2022 11:18
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

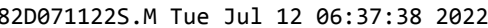
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ClientSampleId :
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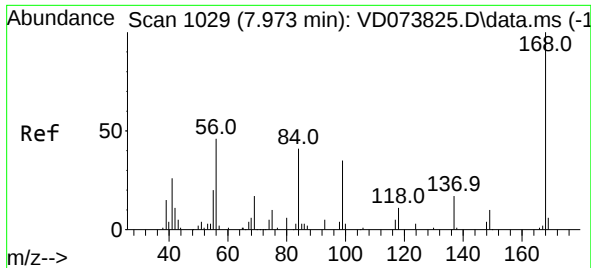
Quant Time: Jul 12 06:37:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 12 06:36:41 2022
Response via : Initial Calibration

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

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Quant Title : SW846 8260
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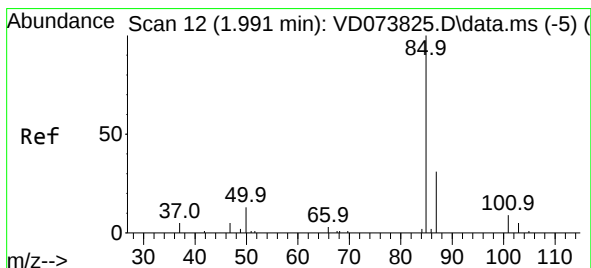
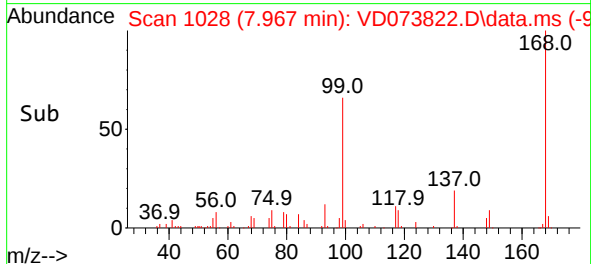
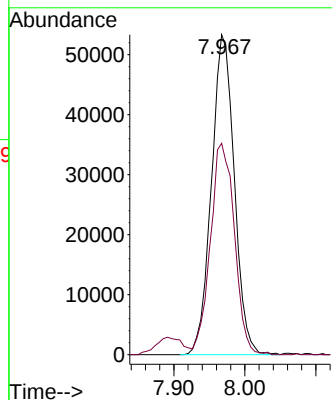
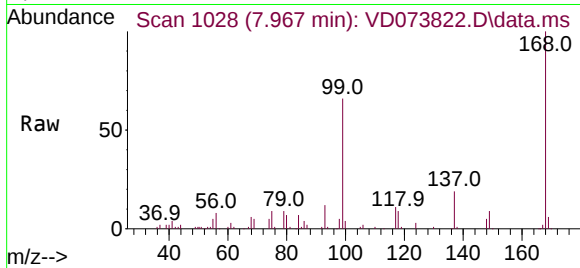




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

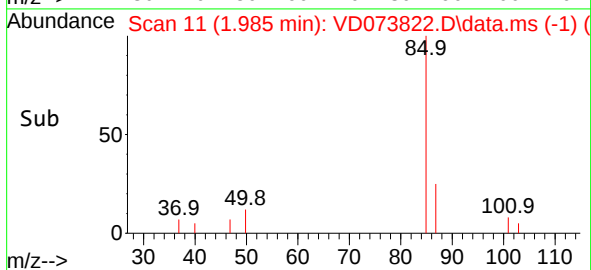
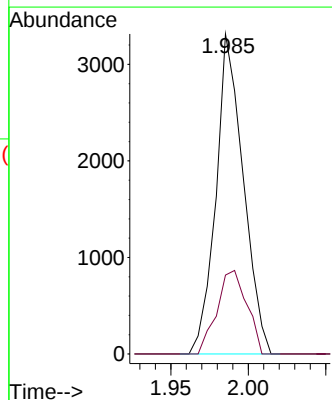
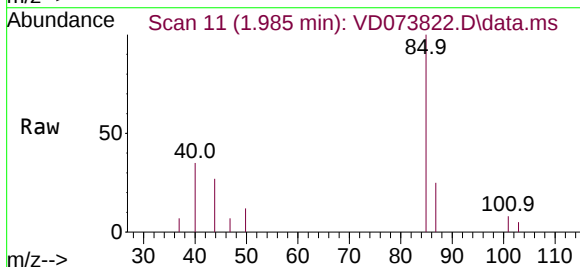
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

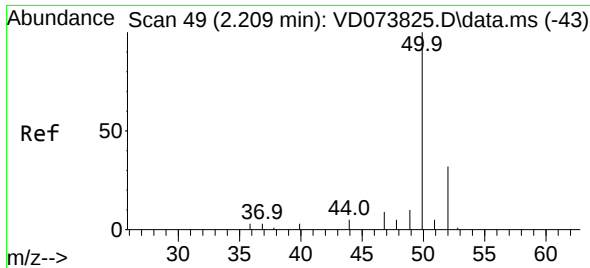
Tgt Ion:168 Resp: 118934
Ion Ratio Lower Upper
168 100
99 66.1 53.8 80.6



#2
Dichlorodifluoromethane
Concen: 5.096 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion: 85 Resp: 4068
Ion Ratio Lower Upper
85 100
87 24.6 15.6 46.7

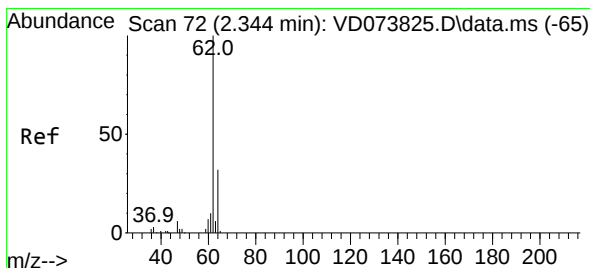
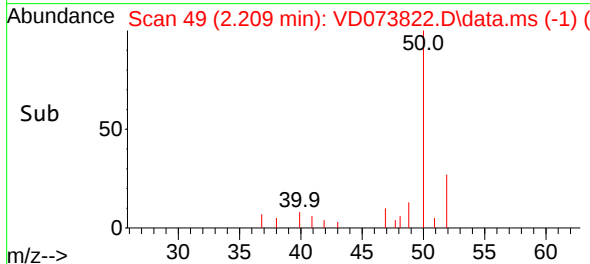
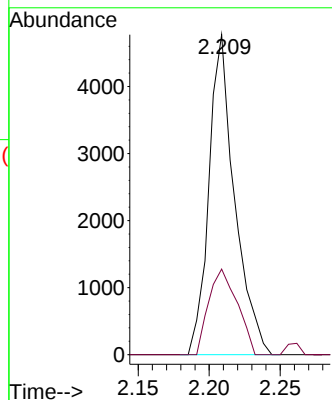
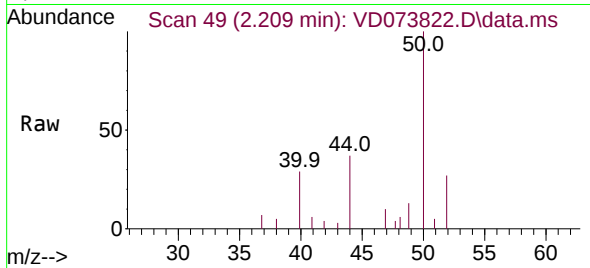




#3
Chloromethane
Concen: 5.823 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

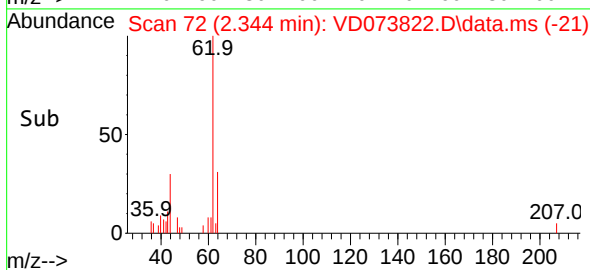
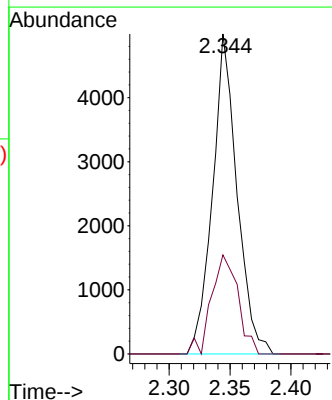
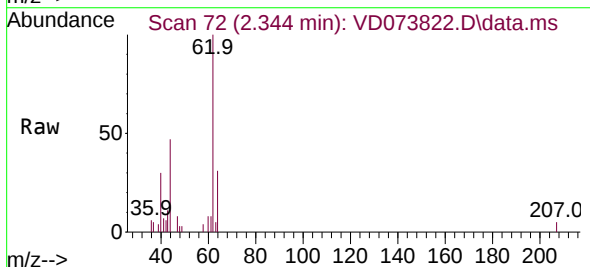
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

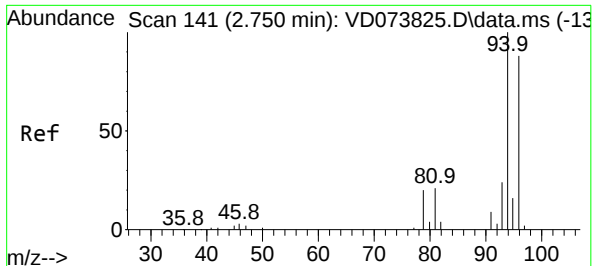
Tgt Ion: 50 Resp: 6006
Ion Ratio Lower Upper
50 100
52 26.8 25.5 38.3



#4
Vinyl Chloride
Concen: 5.538 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion: 62 Resp: 6985
Ion Ratio Lower Upper
62 100
64 31.0 25.4 38.0

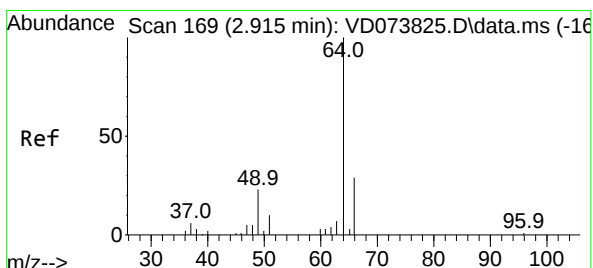
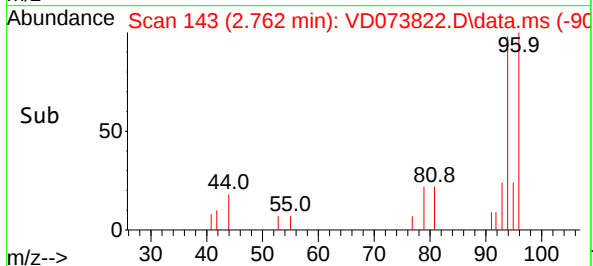
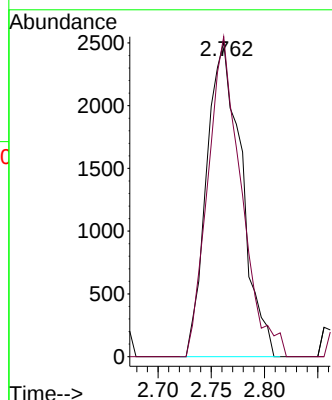
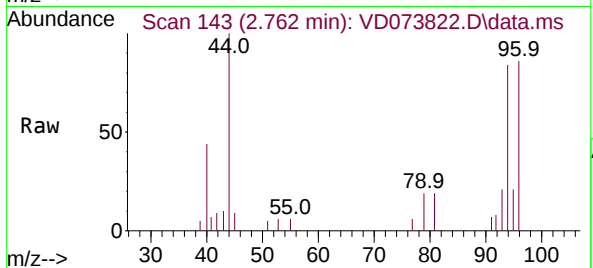




#5
Bromomethane
Concen: 5.777 ug/l
RT: 2.762 min Scan# 141
Delta R.T. 0.012 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

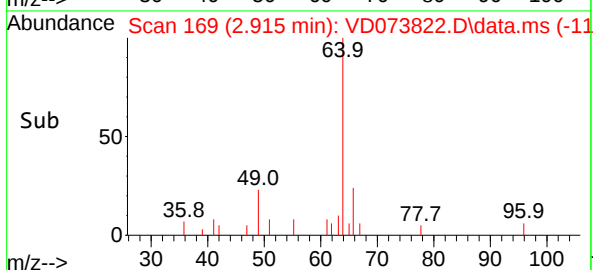
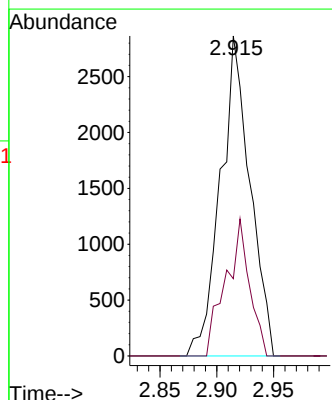
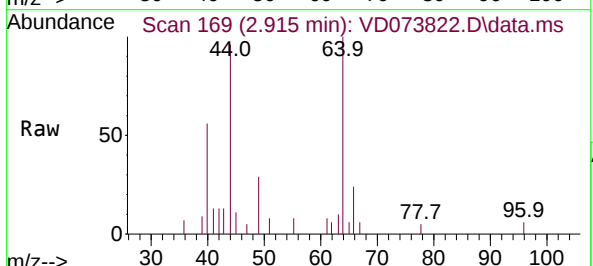
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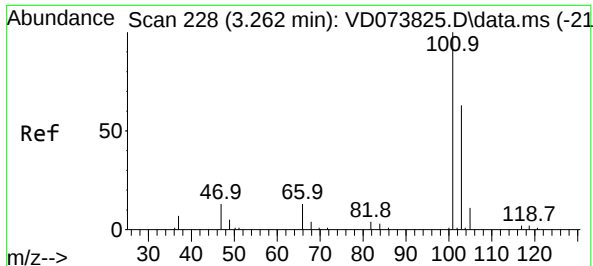
Tgt Ion: 94 Resp: 5711
Ion Ratio Lower Upper
94 100
96 101.7 70.3 105.5



#6
Chloroethane
Concen: 5.386 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion: 64 Resp: 5178
Ion Ratio Lower Upper
64 100
66 24.2 23.0 34.6

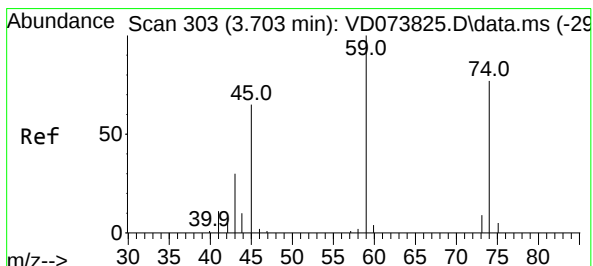
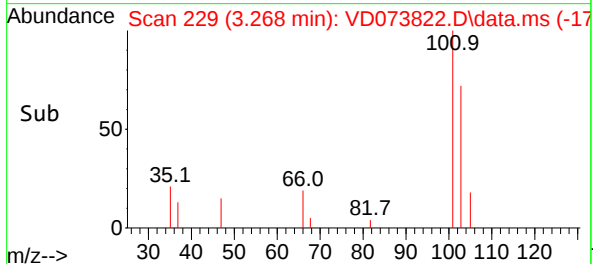
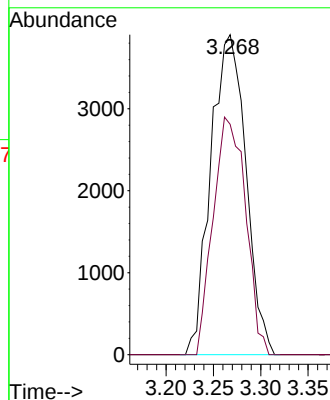
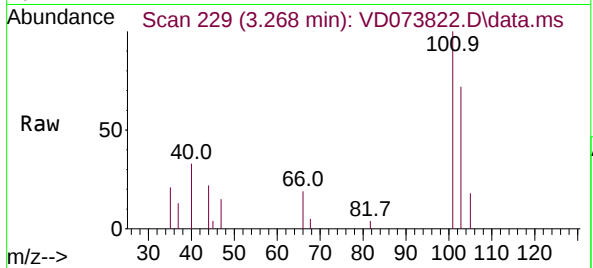




#7
 Trichlorofluoromethane
 Concen: 5.169 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD073822.D
 Acq: 11 Jul 2022 11:18

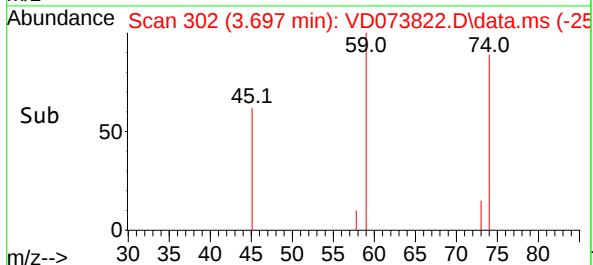
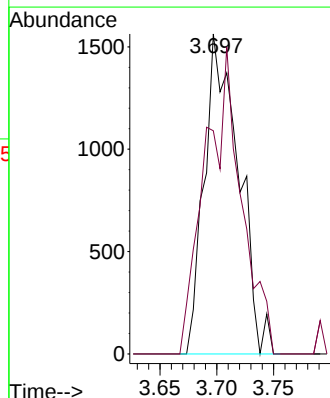
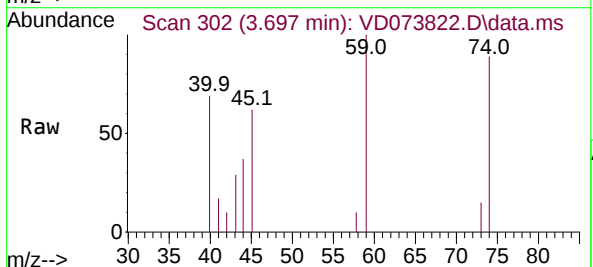
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

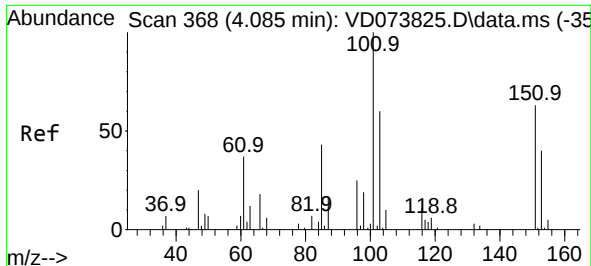
Tgt Ion:101 Resp: 10075
 Ion Ratio Lower Upper
 101 100
 103 72.0 50.3 75.5



#8
 Diethyl Ether
 Concen: 5.547 ug/l
 RT: 3.697 min Scan# 302
 Delta R.T. -0.006 min
 Lab File: VD073822.D
 Acq: 11 Jul 2022 11:18

Tgt Ion: 74 Resp: 3281
 Ion Ratio Lower Upper
 74 100
 45 101.2 48.9 146.7

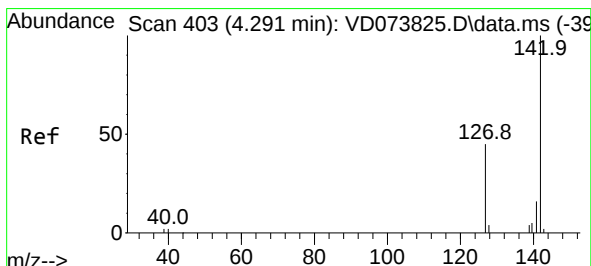
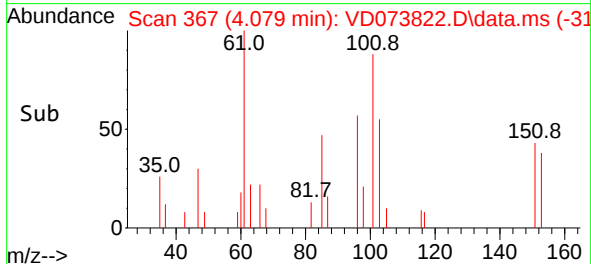
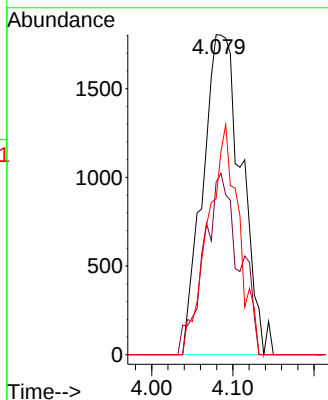
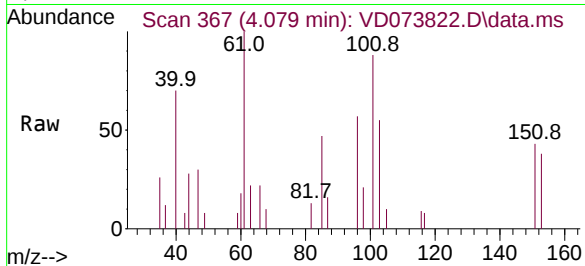




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.941 ug/l
RT: 4.079 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

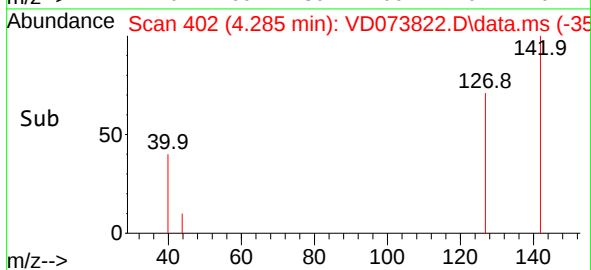
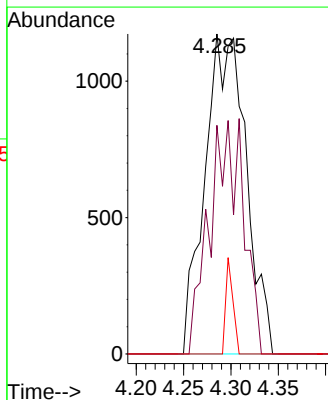
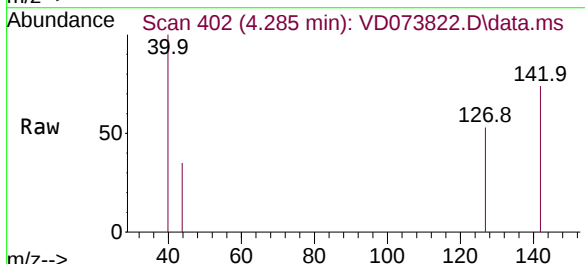
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

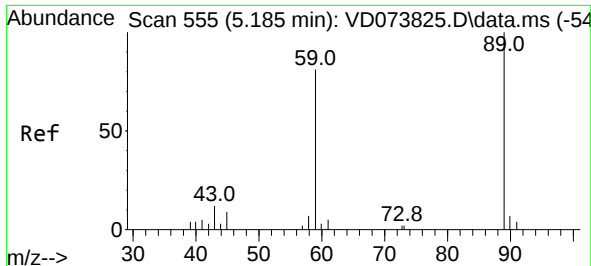
Tgt Ion:101 Resp: 5988
Ion Ratio Lower Upper
101 100
85 51.7 38.6 57.8
151 57.2 53.6 80.4



#10
Methyl Iodide
Concen: 4.538 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion:142 Resp: 3561
Ion Ratio Lower Upper
142 100
127 0.0 39.8 59.6#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: 34.267 ug/l

RT: 5.173 min Scan# 51

Delta R.T. -0.012 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

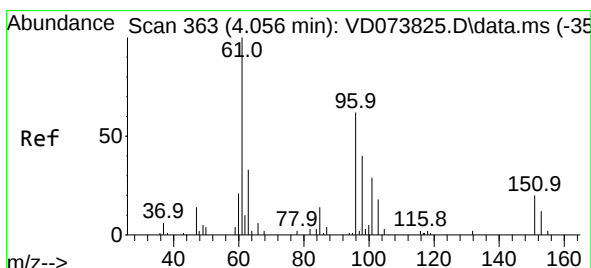
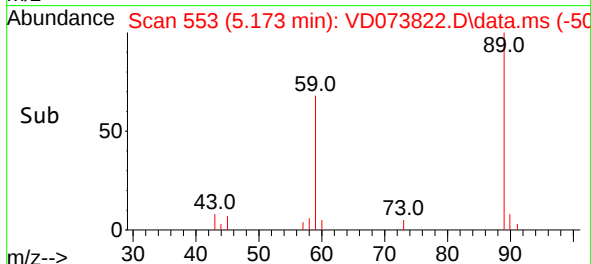
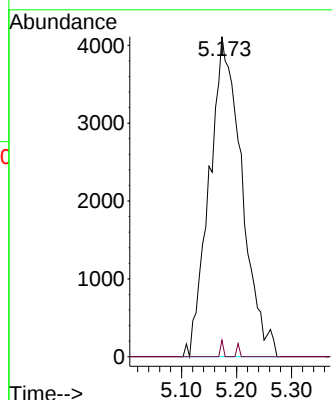
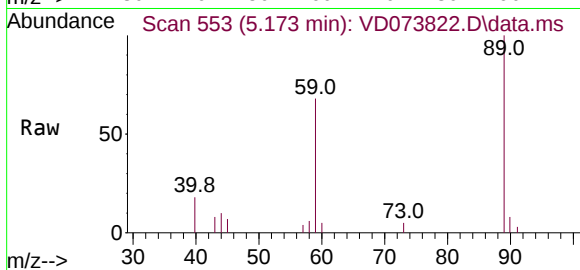
VSTDIC005

Tgt Ion: 59 Resp: 16892

Ion Ratio Lower Upper

59 100

57 0.4 0.0 0.0#



#12

1,1-Dichloroethene

Concen: 5.096 ug/l

RT: 4.056 min Scan# 363

Delta R.T. 0.000 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

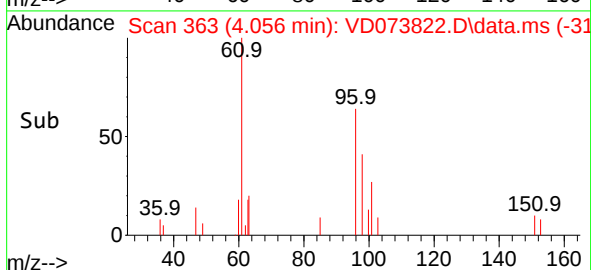
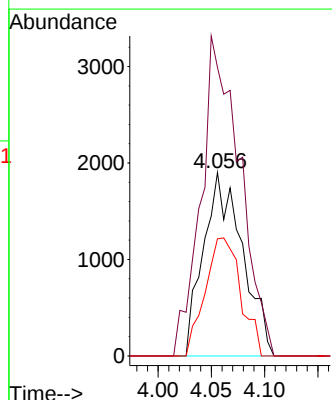
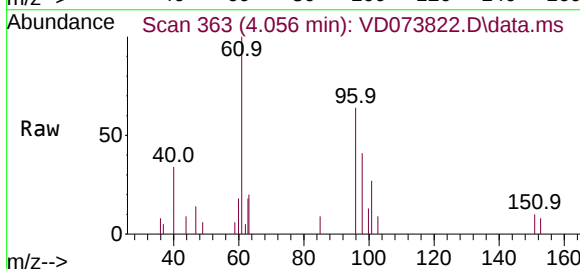
Tgt Ion: 96 Resp: 4837

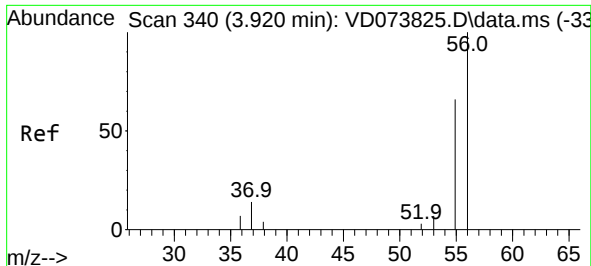
Ion Ratio Lower Upper

96 100

61 157.3 130.1 195.1

98 63.8 52.1 78.1





#13

Acrolein

Concen: 3.012 ug/l

RT: 3.926 min Scan# 341

Delta R.T. 0.006 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

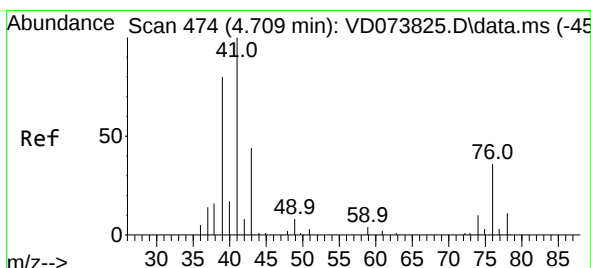
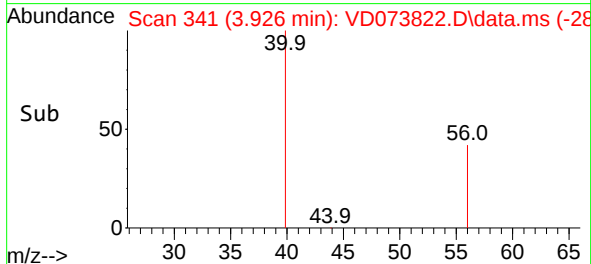
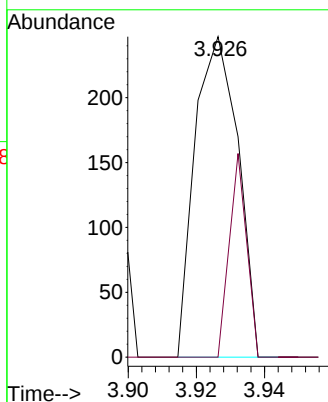
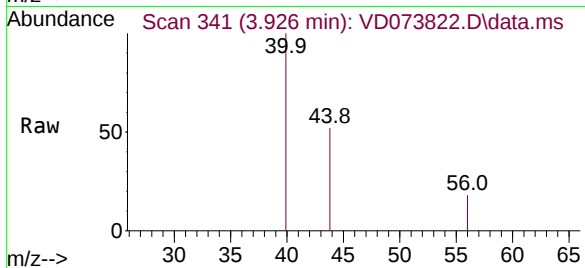
VSTDIC005

Tgt Ion: 56 Resp: 217

Ion Ratio Lower Upper

56 100

55 25.3 54.7 82.1#



#14

Allyl chloride

Concen: 4.825 ug/l

RT: 4.709 min Scan# 474

Delta R.T. 0.000 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

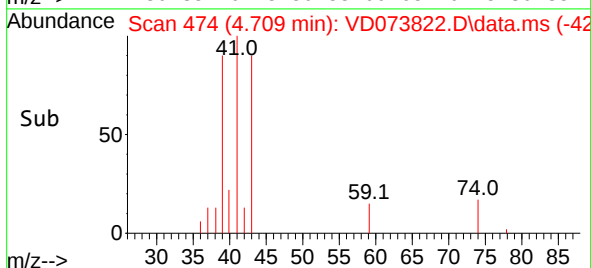
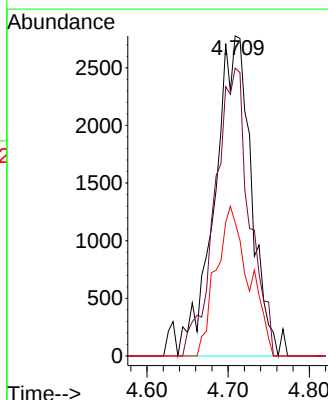
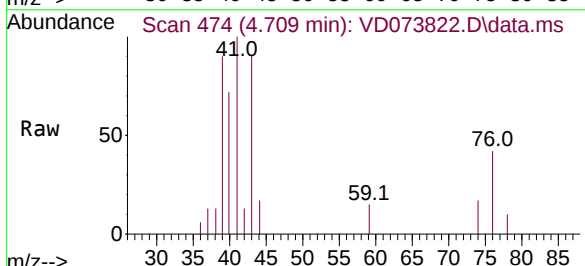
Tgt Ion: 41 Resp: 8662

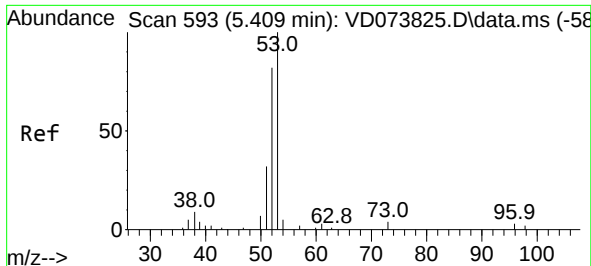
Ion Ratio Lower Upper

41 100

39 85.6 62.5 93.7

76 42.2 28.6 43.0

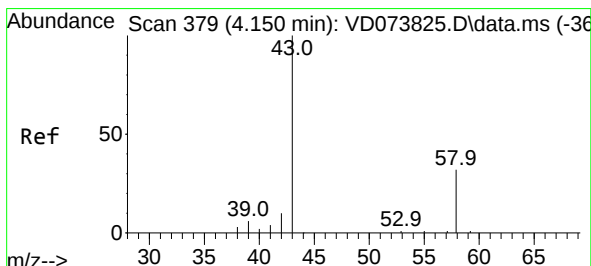
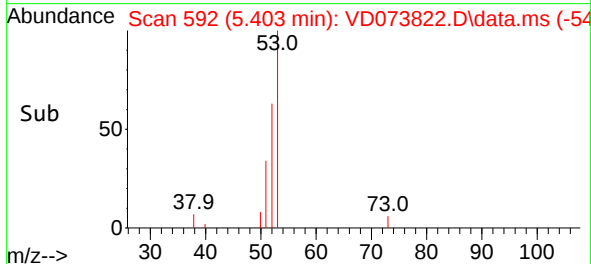
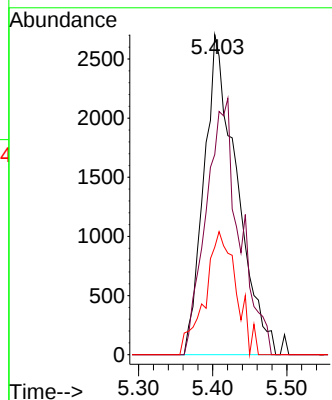
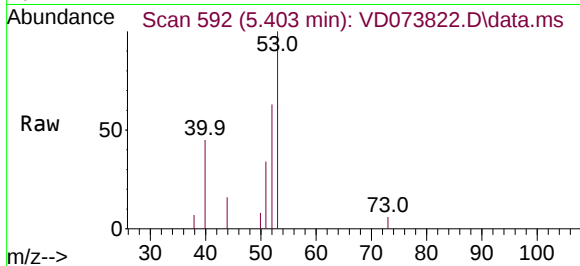




#15
Acrylonitrile
Concen: 24.542 ug/l
RT: 5.403 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

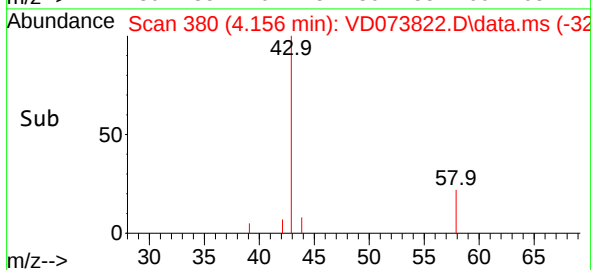
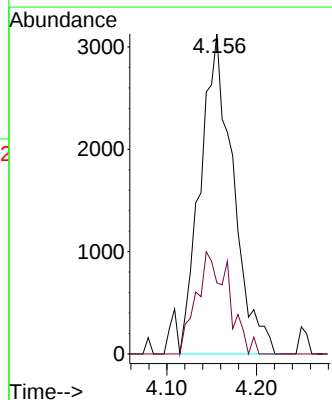
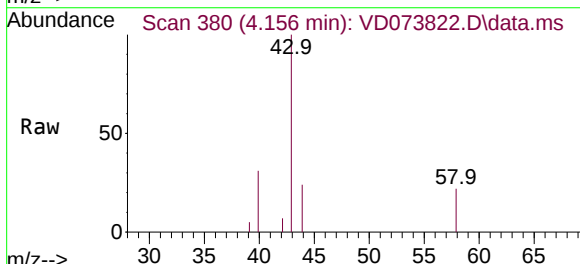
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

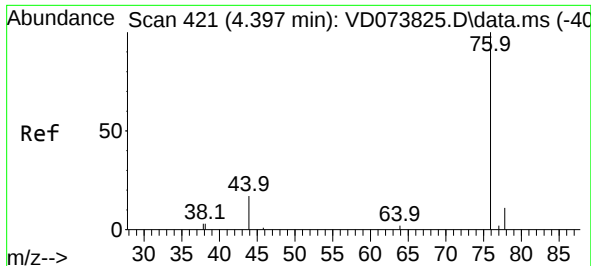
Tgt Ion: 53	Resp: 8305
Ion Ratio	Lower Upper
53 100	
52 81.7	66.1 99.1
51 36.9	30.6 45.8



#16
Acetone
Concen: 25.154 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion: 43	Resp: 7921
Ion Ratio	Lower Upper
43 100	
58 22.3	25.2 37.8#





#17

Carbon Disulfide

Concen: 5.330 ug/l

RT: 4.397 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

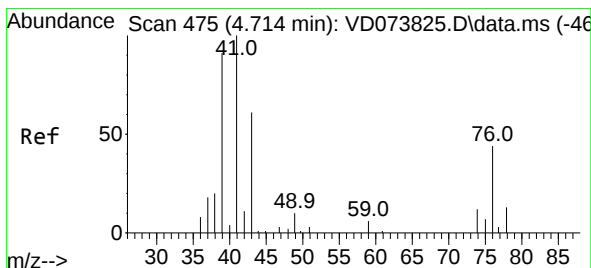
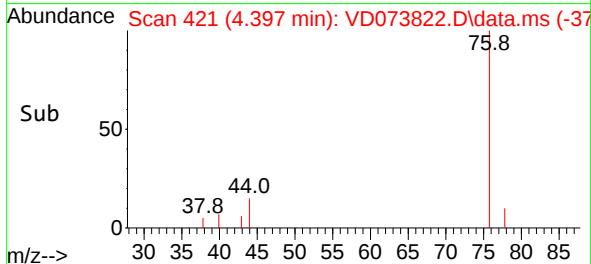
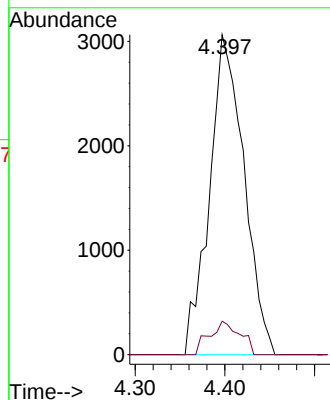
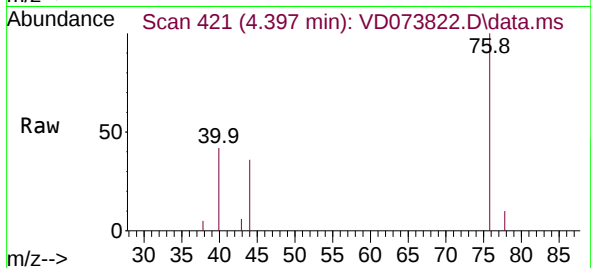
VSTDIC005

Tgt Ion: 76 Resp: 8181

Ion Ratio Lower Upper

76 100

78 10.4 8.7 13.1



#18

Methyl Acetate

Concen: 7.595 ug/l

RT: 4.709 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD073822.D

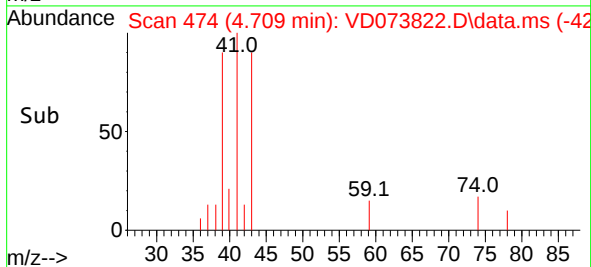
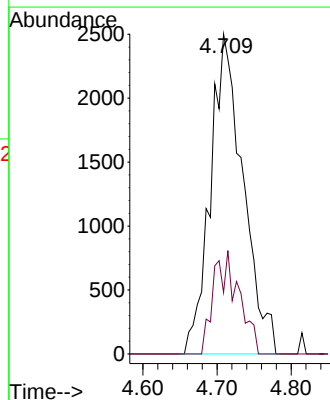
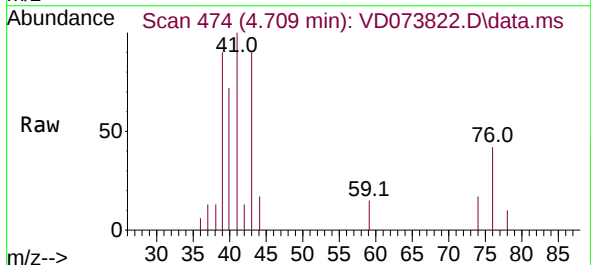
Acq: 11 Jul 2022 11:18

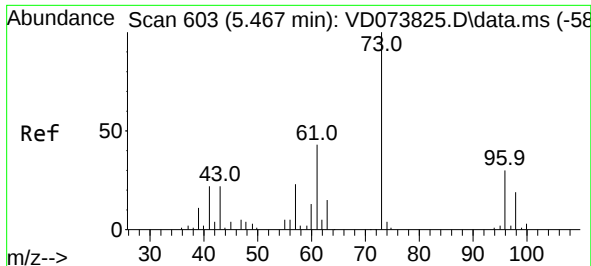
Tgt Ion: 43 Resp: 7668

Ion Ratio Lower Upper

43 100

74 11.2 17.0 25.4#

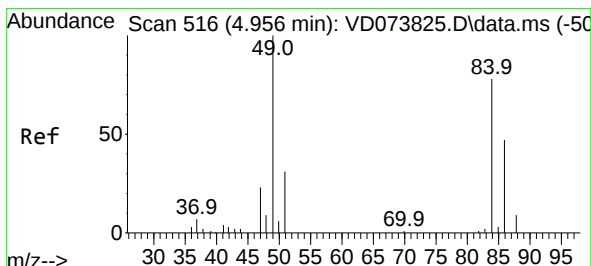
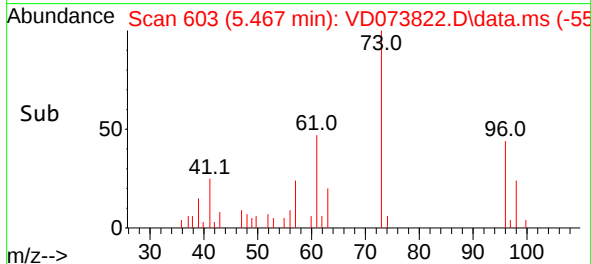
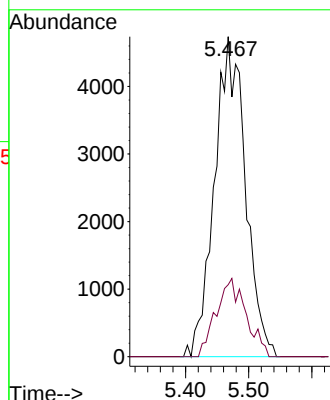
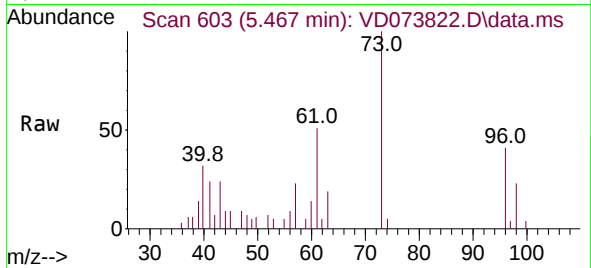




#19
Methyl tert-butyl Ether
Concen: 4.553 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

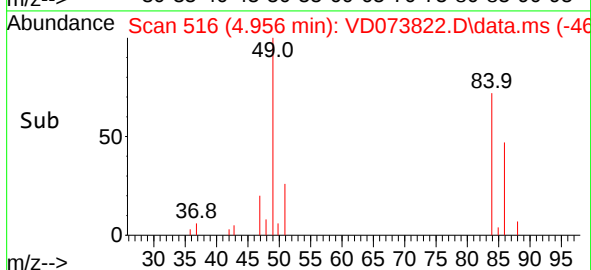
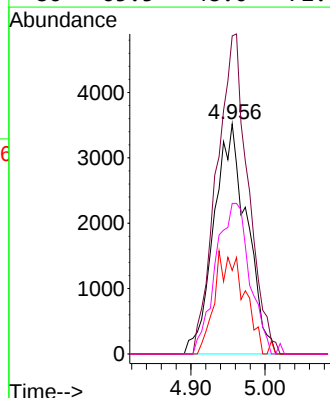
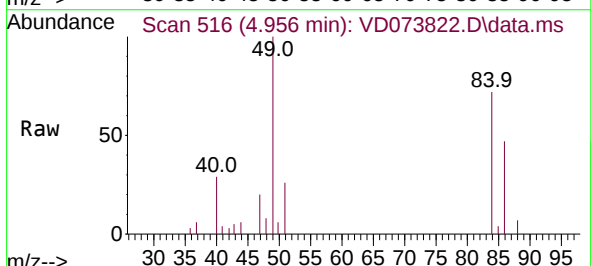
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

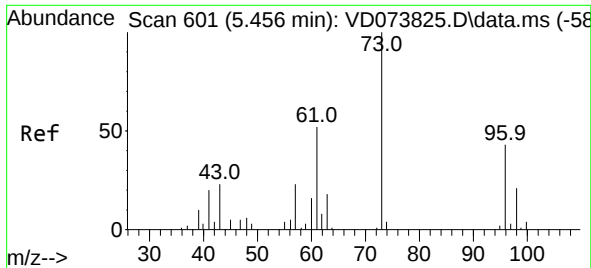
Tgt Ion: 73 Resp: 16105
Ion Ratio Lower Upper
73 100
57 22.5 18.6 28.0



#20
Methylene Chloride
Concen: 4.038 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion: 84 Resp: 10888
Ion Ratio Lower Upper
84 100
49 138.2 102.5 153.7
51 36.3 31.4 47.0
86 65.5 48.0 72.0

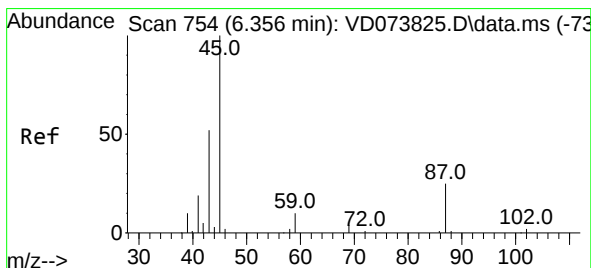
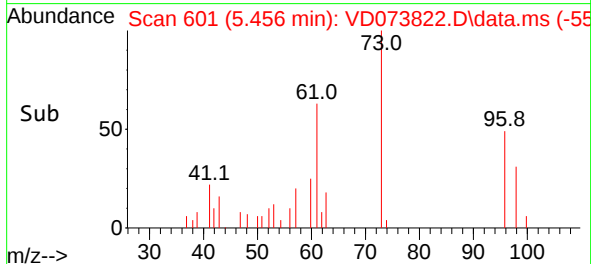
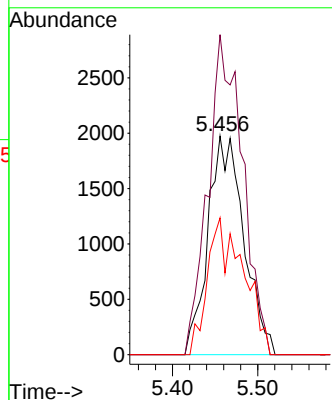
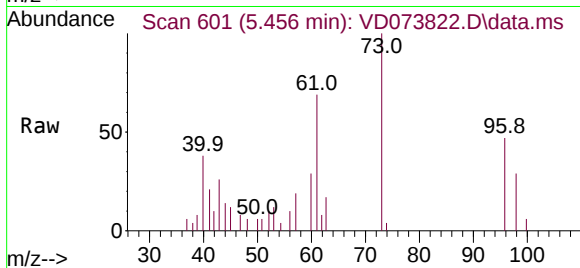




#21
trans-1,2-Dichloroethene
Concen: 5.084 ug/l
RT: 5.456 min Scan# 601
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

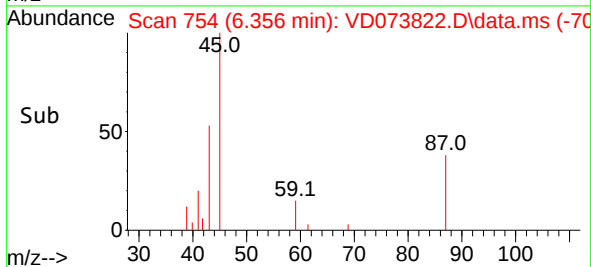
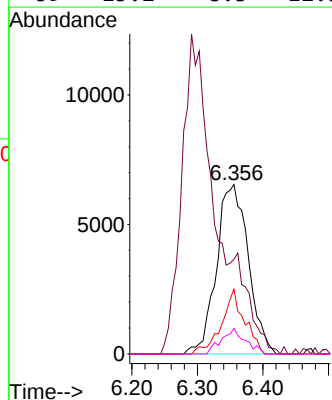
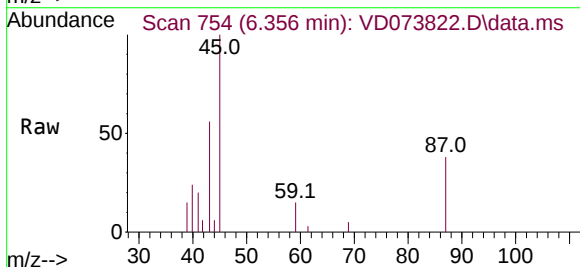
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

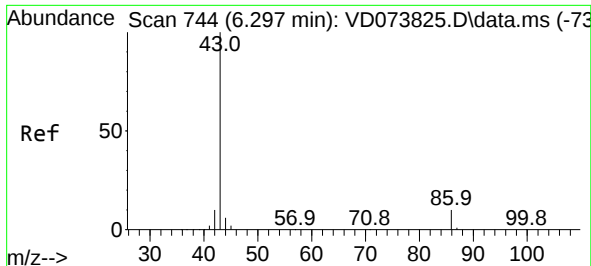
Tgt Ion: 96 Resp: 5778
Ion Ratio Lower Upper
96 100
61 146.4 97.0 145.6#
98 62.6 39.5 59.3#



#22
Diisopropyl ether
Concen: 4.700 ug/l
RT: 6.356 min Scan# 754
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion: 45 Resp: 21980
Ion Ratio Lower Upper
45 100
43 55.9 44.1 66.1
87 38.2 20.8 31.2#
59 15.2 8.3 12.5#

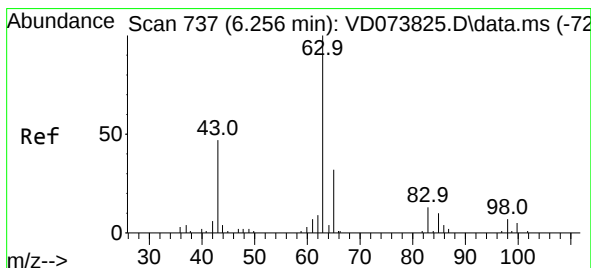
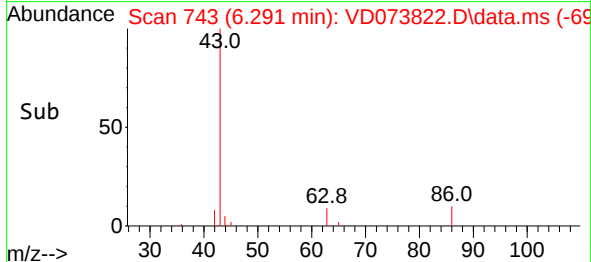
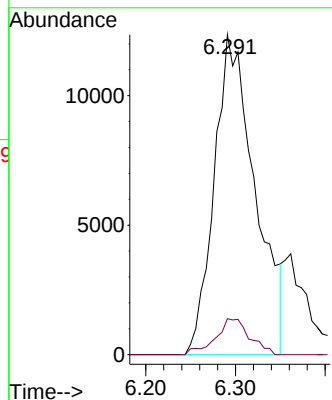
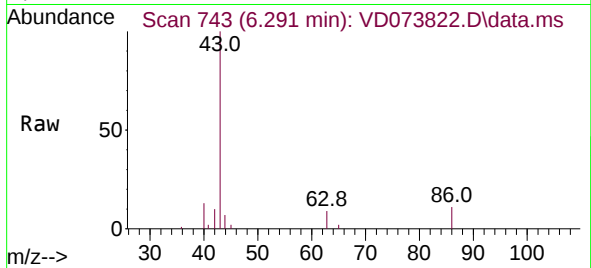




#23
 Vinyl Acetate
 Concen: 15.799 ug/l
 RT: 6.291 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD073822.D
 Acq: 11 Jul 2022 11:18

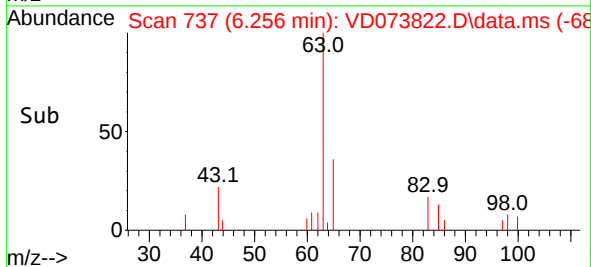
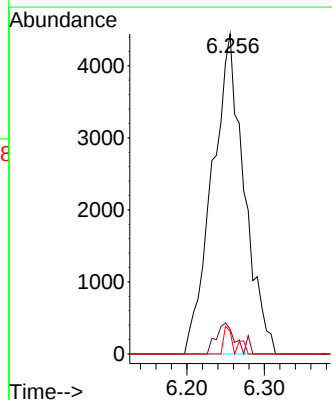
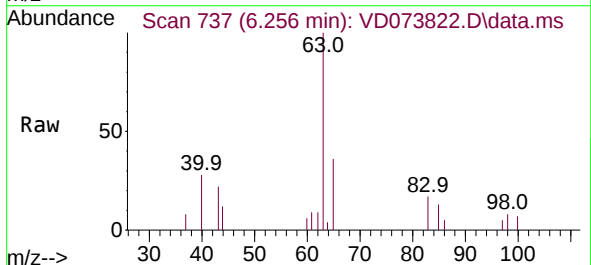
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

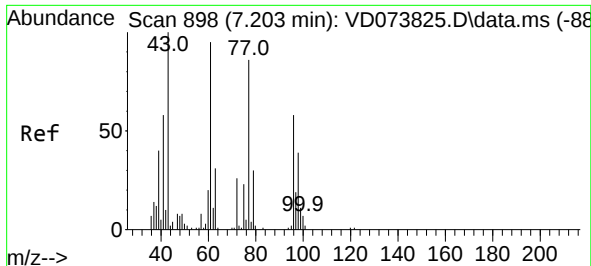
Tgt Ion: 43 Resp: 39011
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 4.896 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: VD073822.D
 Acq: 11 Jul 2022 11:18

Tgt Ion: 63 Resp: 12745
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.7 11.1
 100 7.1 2.5 7.6

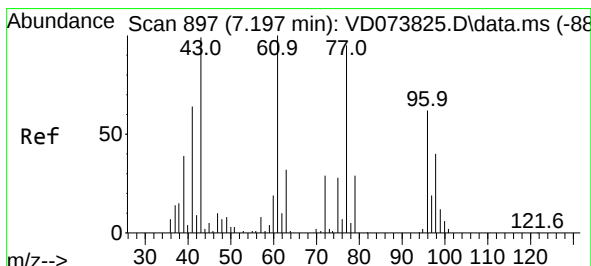
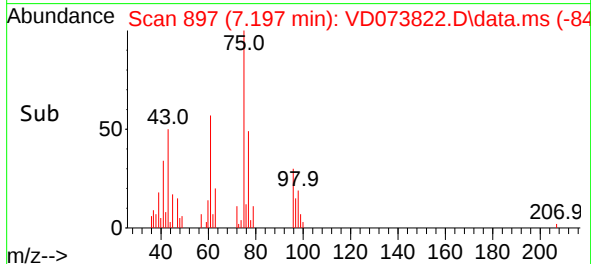
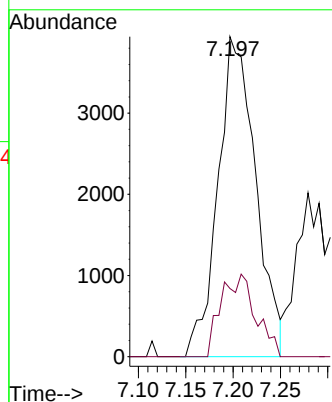
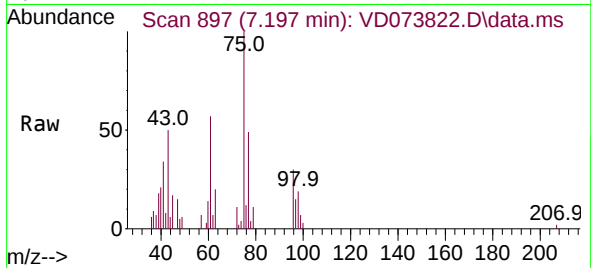




#25
2-Butanone
Concen: 23.199 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

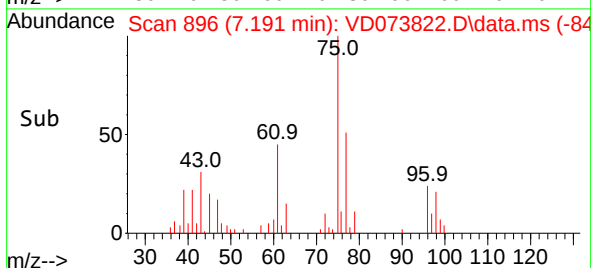
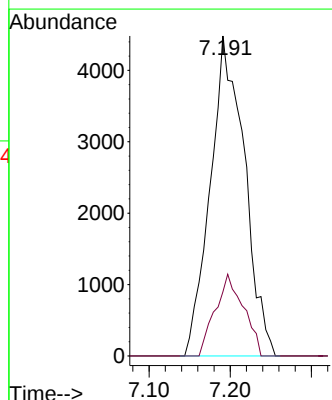
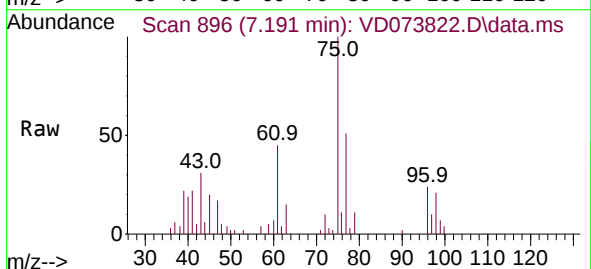
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

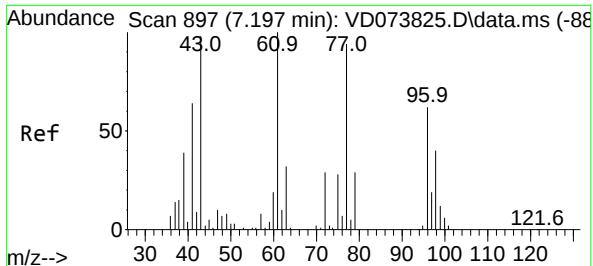
Tgt Ion: 43 Resp: 10908
Ion Ratio Lower Upper
43 100
72 21.3 20.9 31.3



#26
2,2-Dichloropropane
Concen: 5.321 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion: 77 Resp: 13097
Ion Ratio Lower Upper
77 100
97 21.1 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 4.915 ug/l

RT: 7.209 min Scan# 897

Delta R.T. 0.012 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

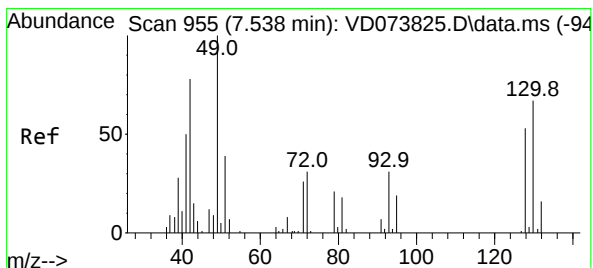
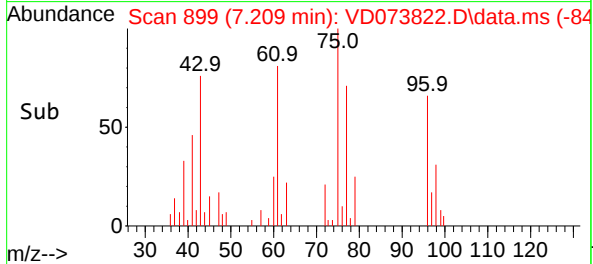
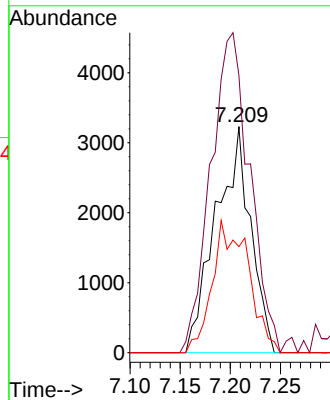
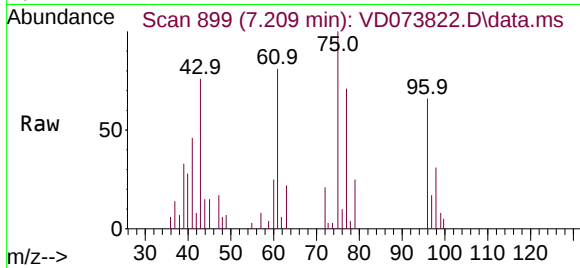
Tgt Ion: 96 Resp: 7806

Ion Ratio Lower Upper

96 100

61 159.1 0.0 324.4

98 60.6 0.0 131.6



#28

Bromochloromethane

Concen: 5.664 ug/l

RT: 7.532 min Scan# 954

Delta R.T. -0.006 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

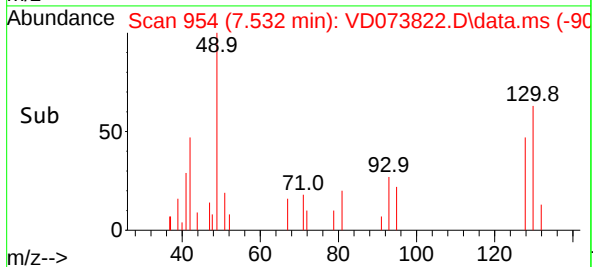
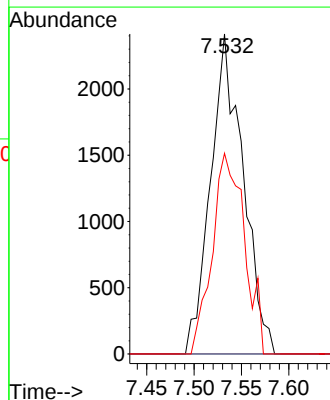
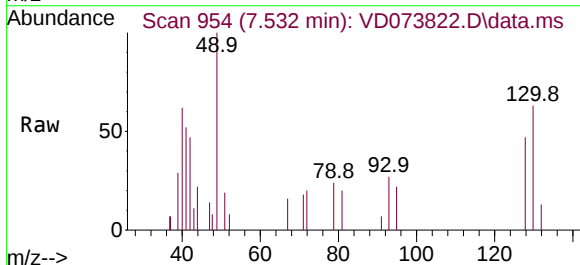
Tgt Ion: 49 Resp: 5752

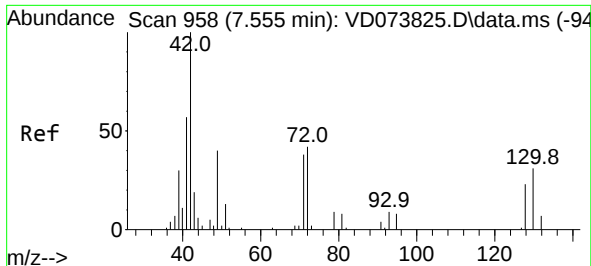
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.0

130 62.2 51.8 77.6





#29

Tetrahydrofuran

Concen: 23.771 ug/l

RT: 7.550 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

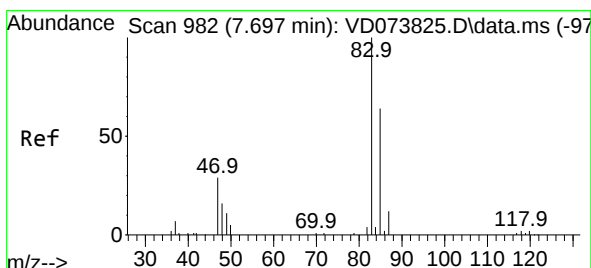
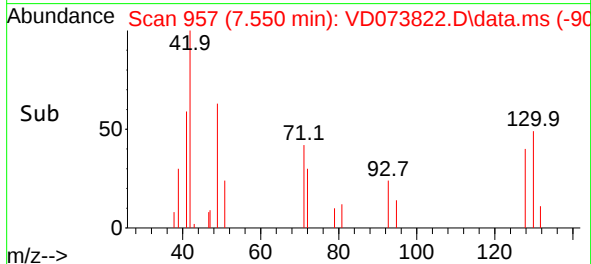
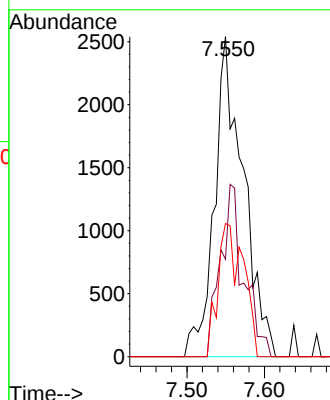
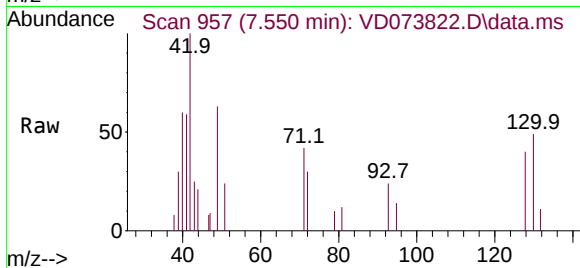
Tgt Ion: 42 Resp: 6563

Ion Ratio Lower Upper

42 100

72 43.5 33.5 50.3

71 36.8 31.0 46.6



#30

Chloroform

Concen: 5.004 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.012 min

Lab File: VD073822.D

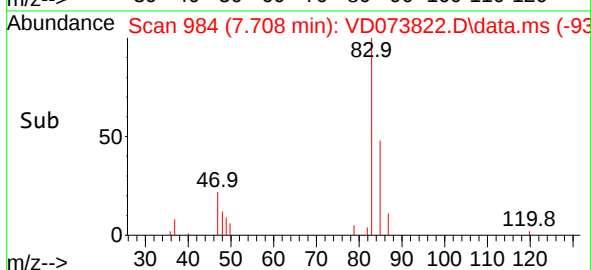
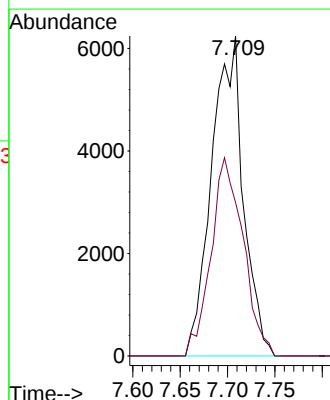
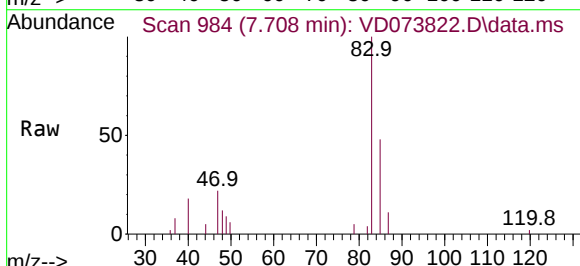
Acq: 11 Jul 2022 11:18

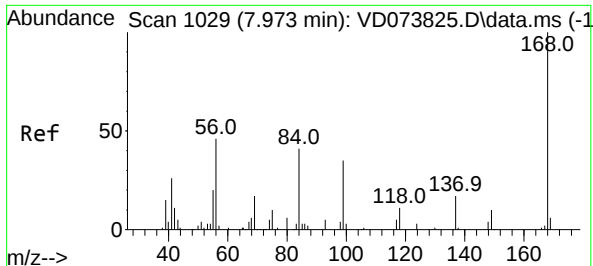
Tgt Ion: 83 Resp: 14524

Ion Ratio Lower Upper

83 100

85 48.0 51.2 76.8#

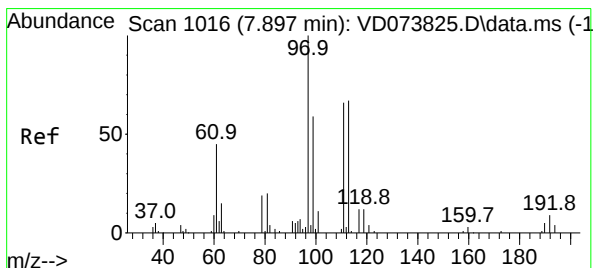
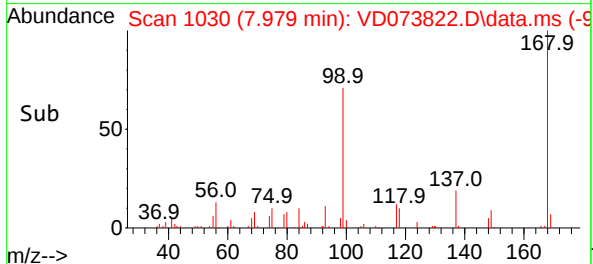
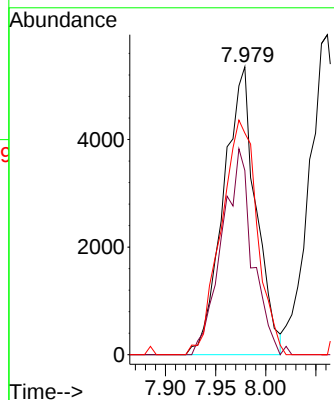
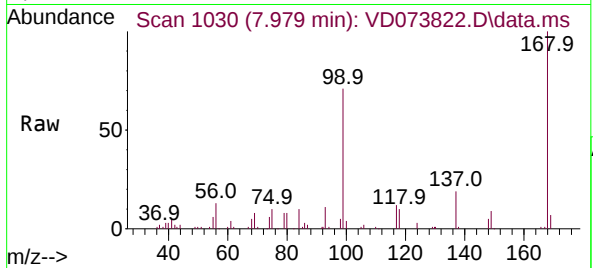




#31
Cyclohexane
Concen: 6.532 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

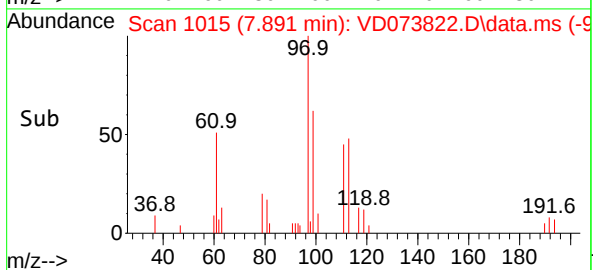
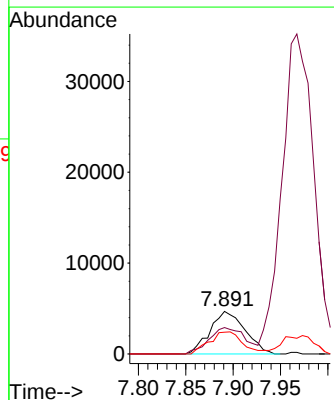
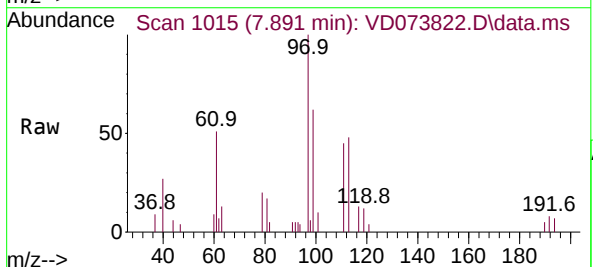
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

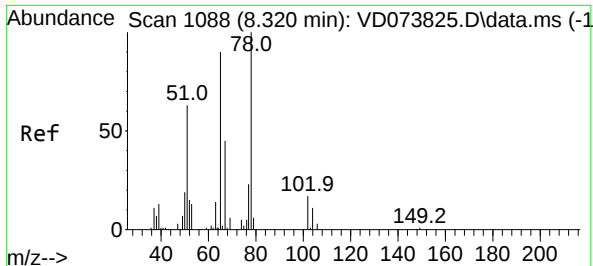
Tgt Ion: 56 Resp: 12107
Ion Ratio Lower Upper
56 100
69 64.0 29.1 43.7#
84 77.0 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 4.896 ug/l
RT: 7.891 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion: 97 Resp: 12036
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 49.5 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 6.262 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

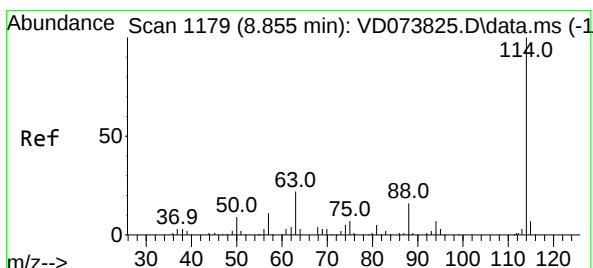
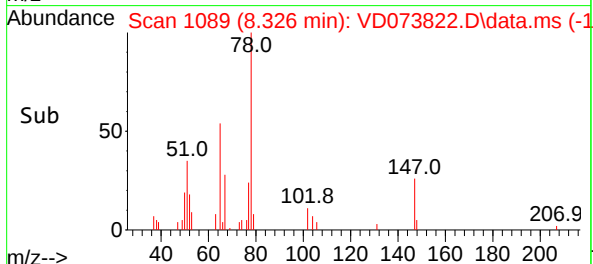
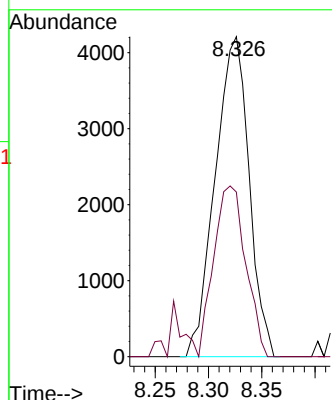
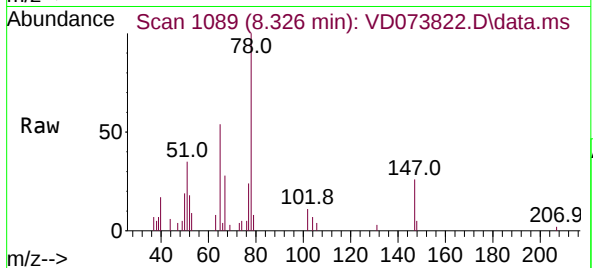
VSTDIC005

Tgt Ion: 65 Resp: 9320

Ion Ratio Lower Upper

65 100

67 50.3 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

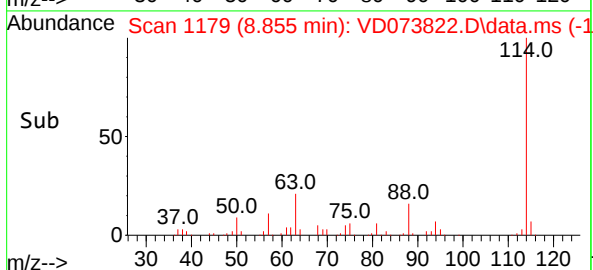
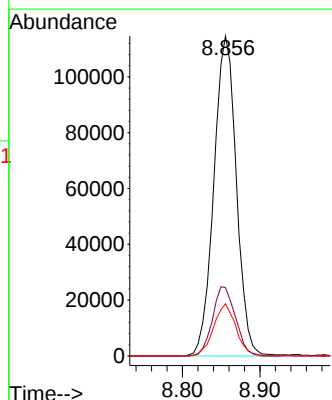
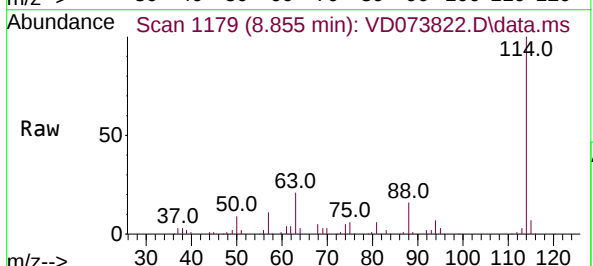
Tgt Ion: 114 Resp: 231851

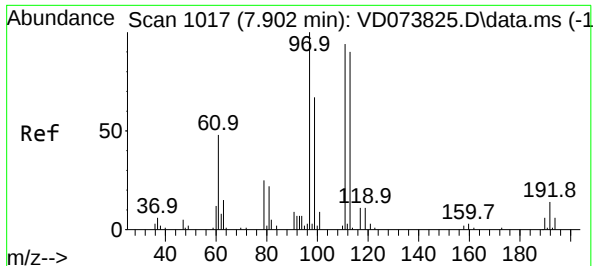
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.0

88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 5.780 ug/l

RT: 7.908 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

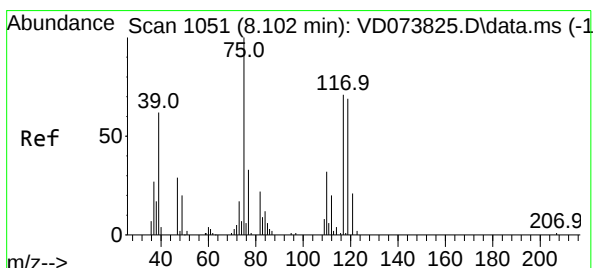
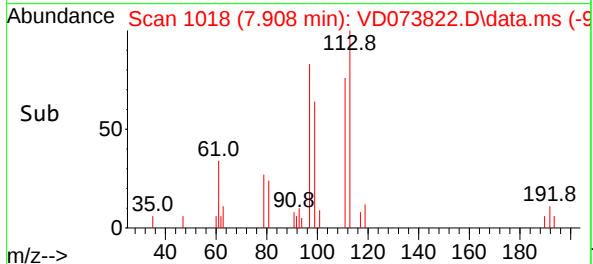
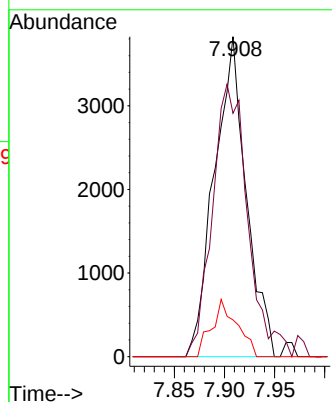
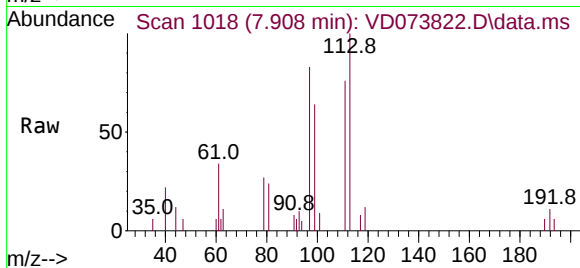
Tgt Ion:113 Resp: 8438

Ion Ratio Lower Upper

113 100

111 94.4 82.2 123.4

192 14.2 12.3 18.5



#36

1,1-Dichloropropene

Concen: 4.961 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.006 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

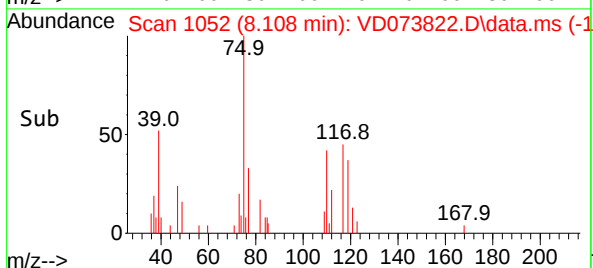
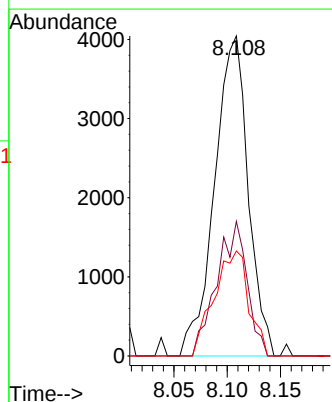
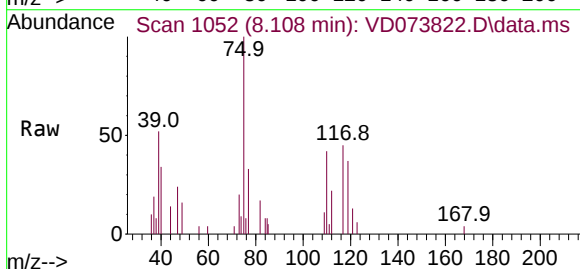
Tgt Ion: 75 Resp: 8870

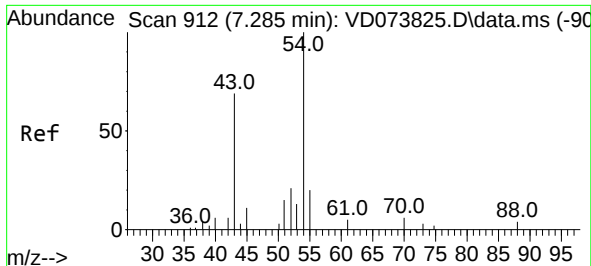
Ion Ratio Lower Upper

75 100

110 38.0 16.0 47.9

77 33.9 25.3 37.9





#37

Ethyl Acetate

Concen: 5.384 ug/l

RT: 7.279 min Scan# 911

Delta R.T. -0.006 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

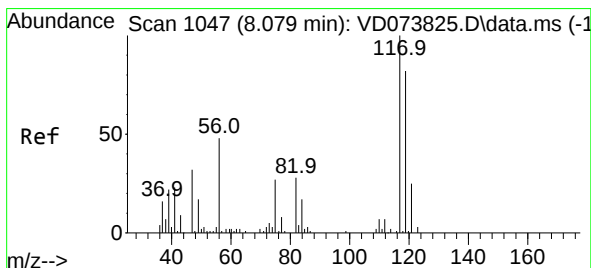
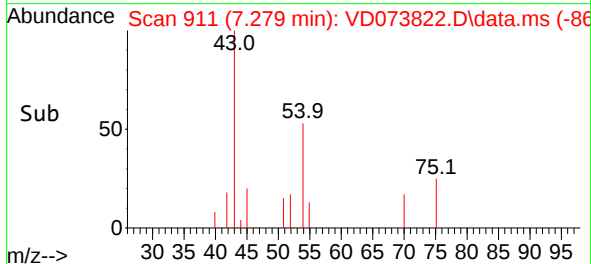
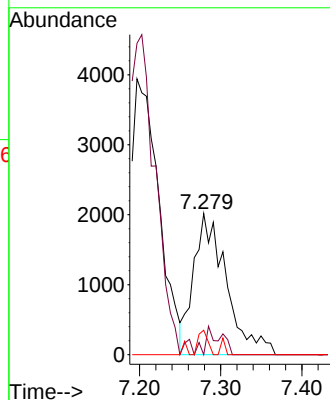
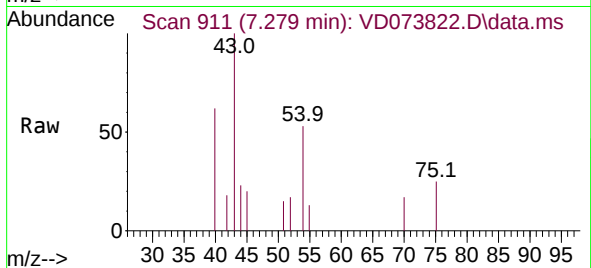
Tgt Ion: 43 Resp: 5660

Ion Ratio Lower Upper

43 100

61 9.3 10.8 16.2#

70 5.1 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 4.751 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.012 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

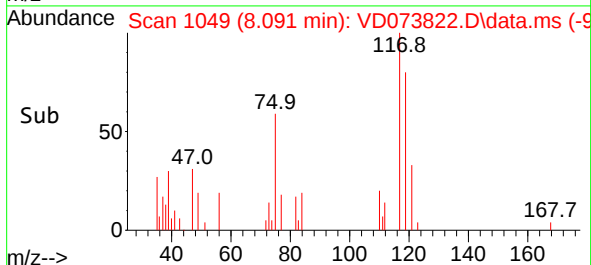
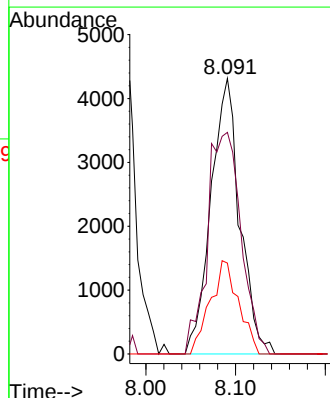
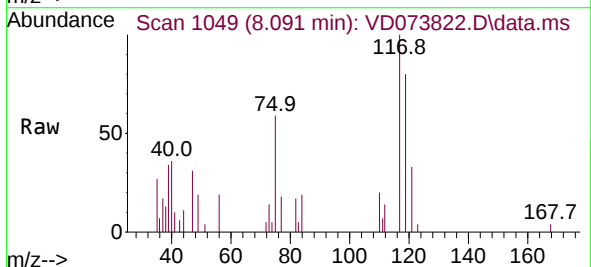
Tgt Ion: 117 Resp: 9655

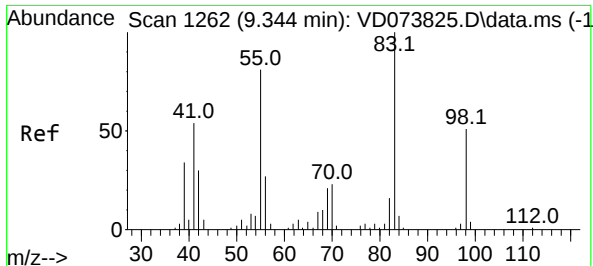
Ion Ratio Lower Upper

117 100

119 80.5 65.6 98.4

121 33.0 20.1 30.1#





#39

Methylcyclohexane

Concen: 5.075 ug/l

RT: 9.344 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

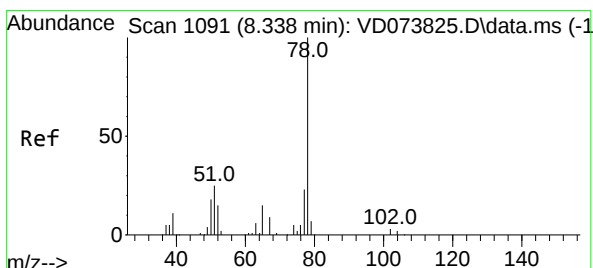
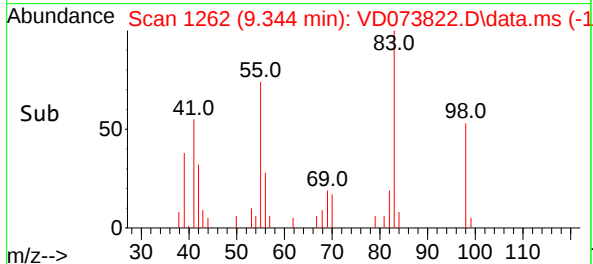
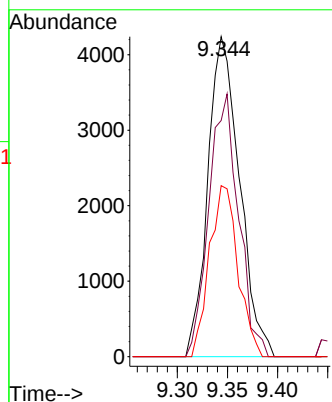
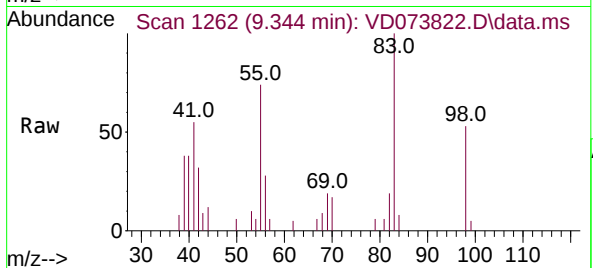
Tgt Ion: 83 Resp: 9328

Ion Ratio Lower Upper

83 100

55 73.8 64.8 97.2

98 53.4 41.0 61.4



#40

Benzene

Concen: 4.969 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD073822.D

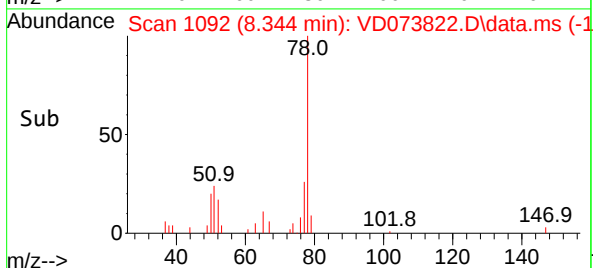
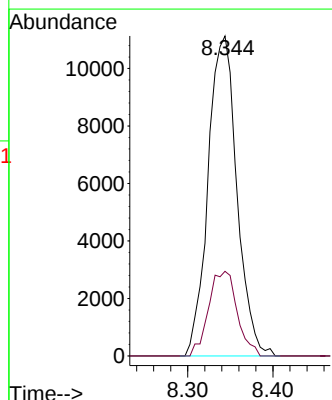
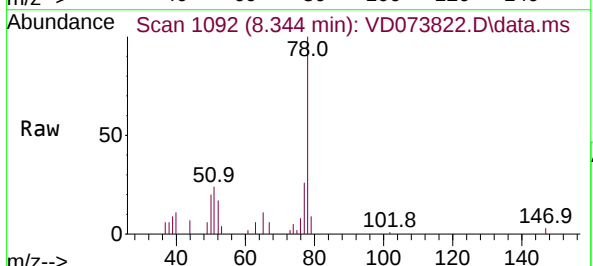
Acq: 11 Jul 2022 11:18

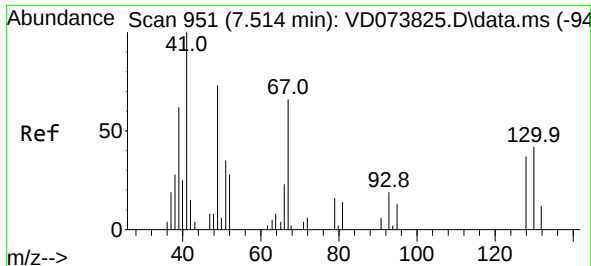
Tgt Ion: 78 Resp: 26135

Ion Ratio Lower Upper

78 100

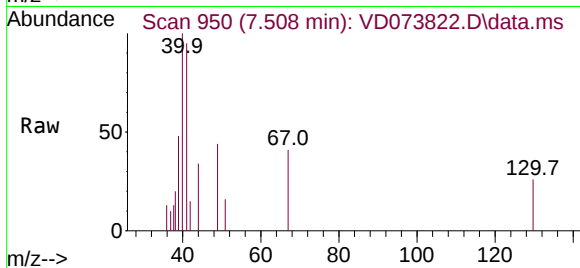
77 26.4 18.8 28.2



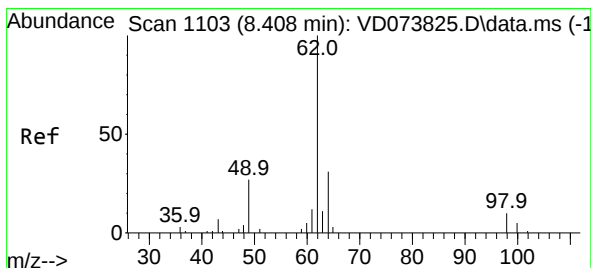
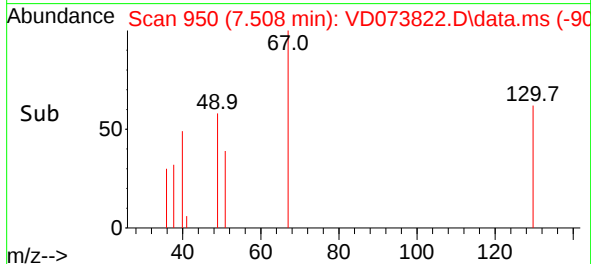
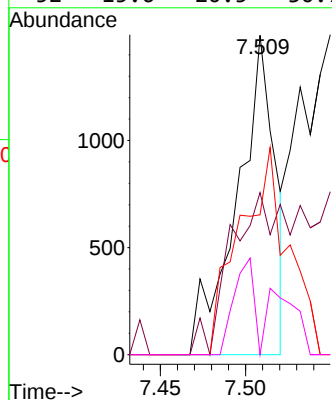


#41
Methacrylonitrile
Concen: 3.746 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

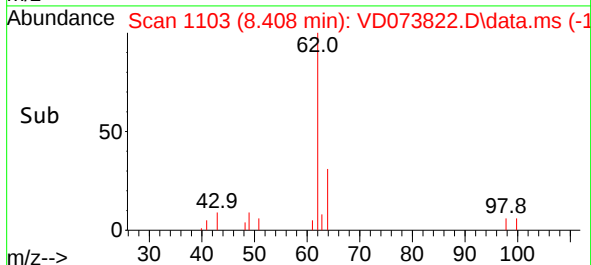
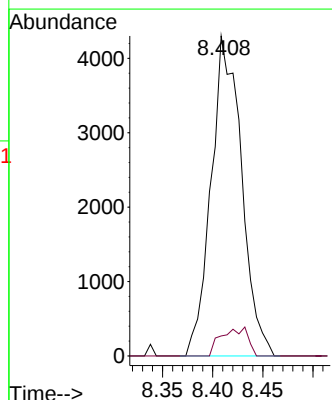
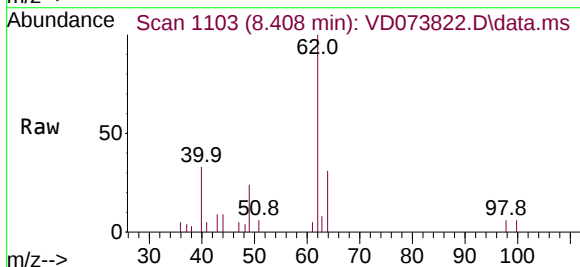


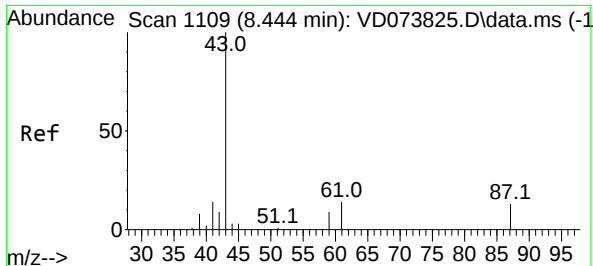
Tgt Ion:	41	Resp:	2295
Ion	Ratio	Lower	Upper
41	100		
39	54.4	35.6	53.4#
67	82.6	45.0	67.6#
52	15.6	20.5	30.7#



#42
1,2-Dichloroethane
Concen: 5.017 ug/l
RT: 8.408 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion:	62	Resp:	9086
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.2

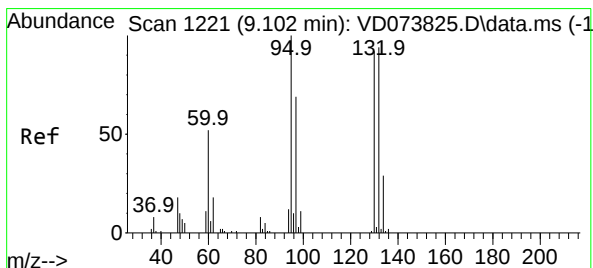
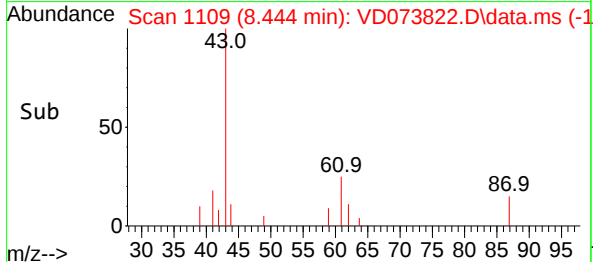
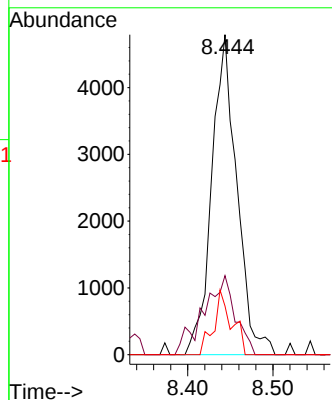
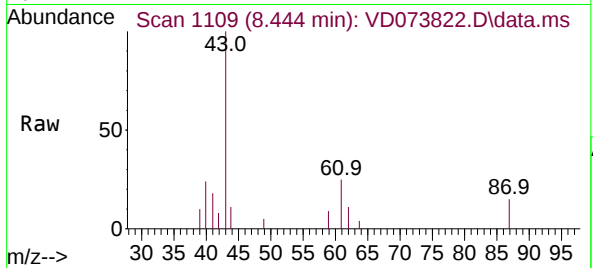




#43
Isopropyl Acetate
Concen: 4.623 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

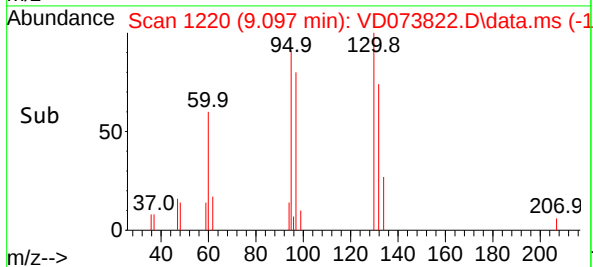
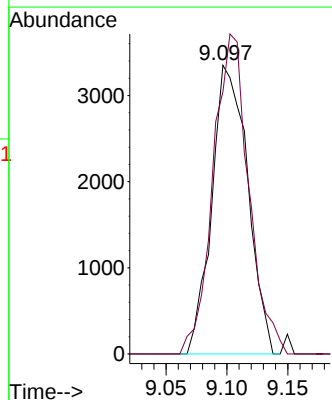
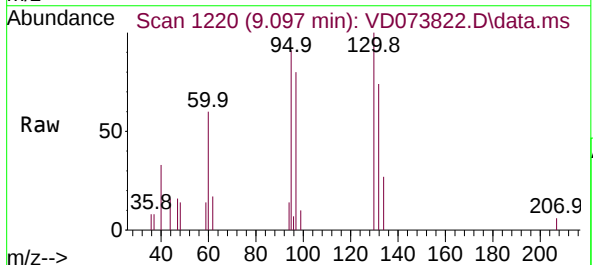
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

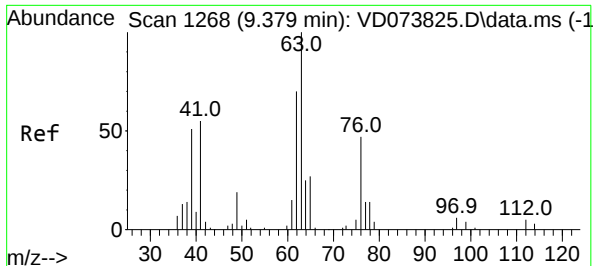
Tgt Ion: 43 Resp: 9837
Ion Ratio Lower Upper
43 100
61 31.2 22.2 33.2
87 14.4 9.7 14.5



#44
Trichloroethene
Concen: 4.909 ug/l
RT: 9.097 min Scan# 1220
Delta R.T. -0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion: 130 Resp: 6868
Ion Ratio Lower Upper
130 100
95 90.8 0.0 217.0





#45

1,2-Dichloropropane

Concen: 5.046 ug/l

RT: 9.373 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

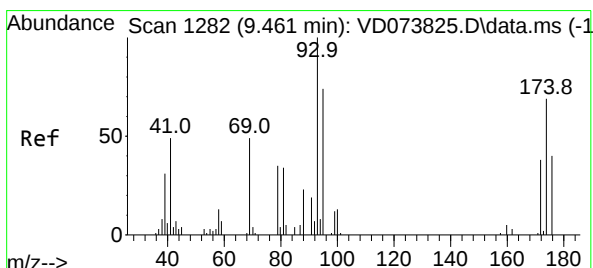
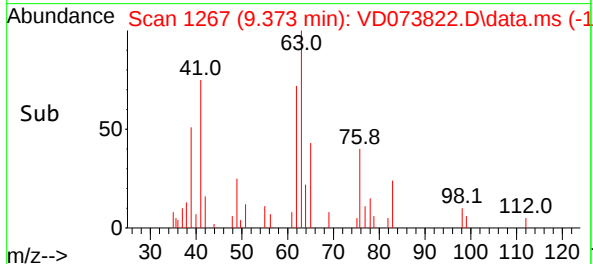
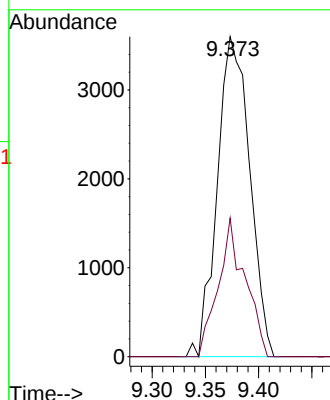
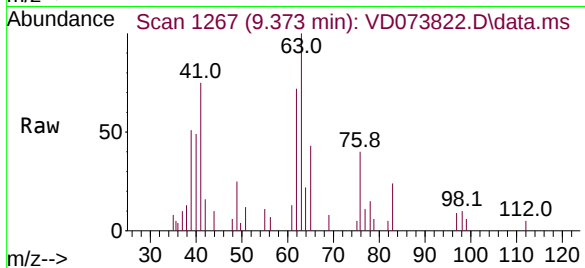
VSTDIC005

Tgt Ion: 63 Resp: 7621

Ion Ratio Lower Upper

63 100

65 43.3 21.7 32.5#



#46

Dibromomethane

Concen: 4.432 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.006 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

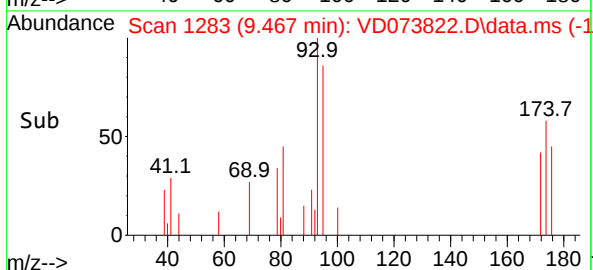
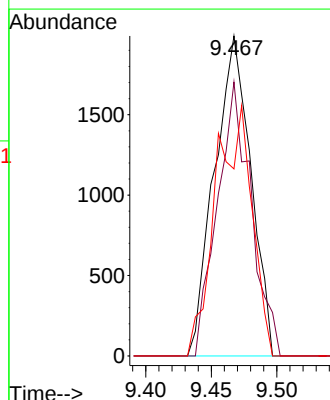
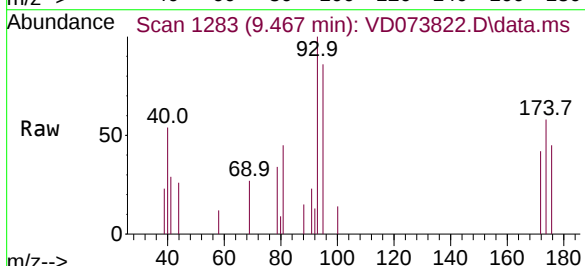
Tgt Ion: 93 Resp: 3833

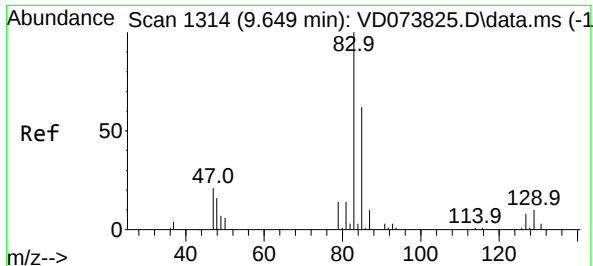
Ion Ratio Lower Upper

93 100

95 79.3 61.8 92.6

174 78.5 58.7 88.1





#47

Bromodichloromethane

Concen: 4.544 ug/l

RT: 9.650 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

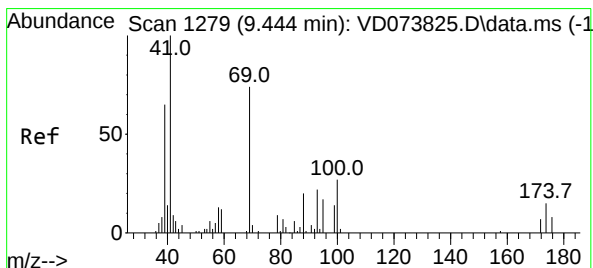
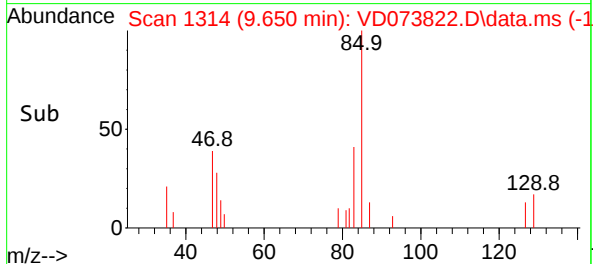
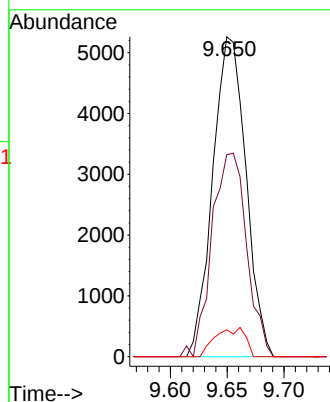
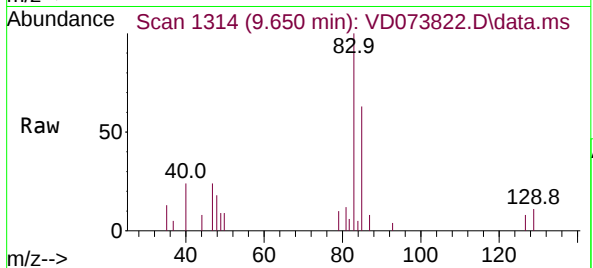
Tgt Ion: 83 Resp: 10704

Ion Ratio Lower Upper

83 100

85 63.1 50.0 75.0

127 8.4 6.2 9.2



#48

Methyl methacrylate

Concen: 4.537 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. 0.000 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

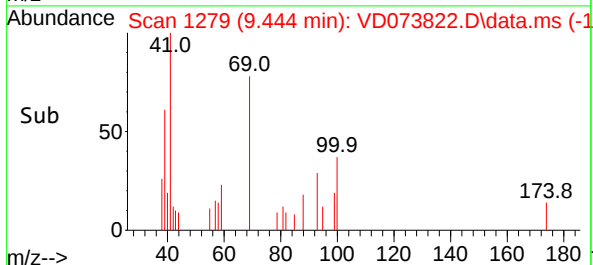
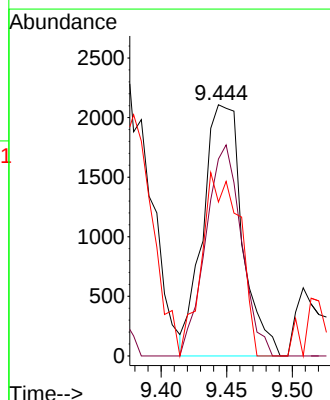
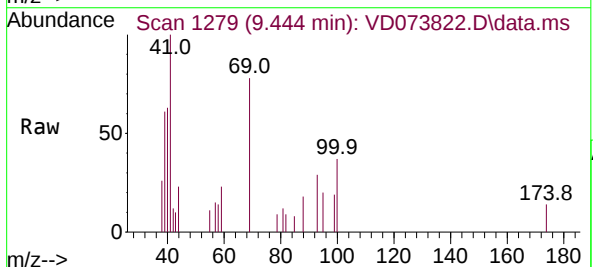
Tgt Ion: 41 Resp: 4404

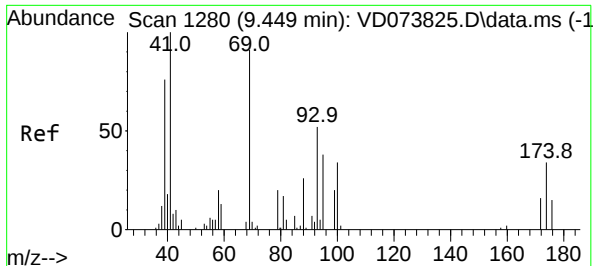
Ion Ratio Lower Upper

41 100

69 76.3 63.4 95.2

39 70.0 55.6 83.4





#49

1,4-Dioxane

Concen: 95.070 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

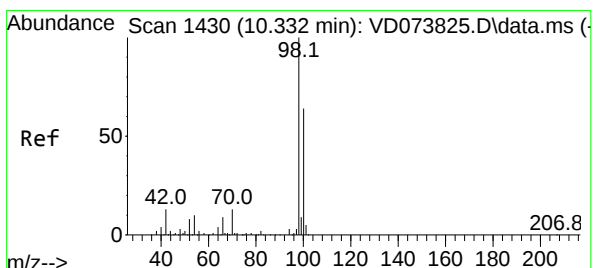
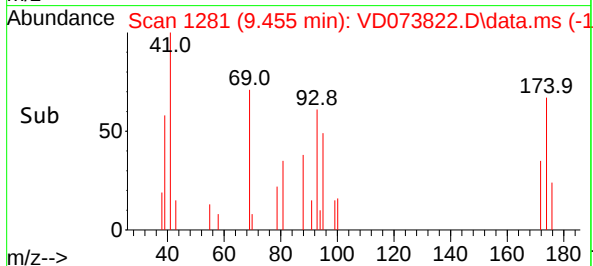
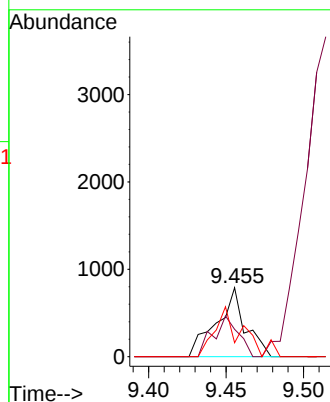
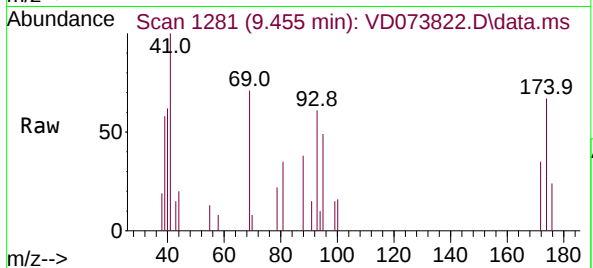
Tgt Ion: 88 Resp: 1020

Ion Ratio Lower Upper

88 100

43 51.2 34.2 51.4

58 69.9 54.8 82.2



#50

Toluene-d8

Concen: 6.251 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073822.D

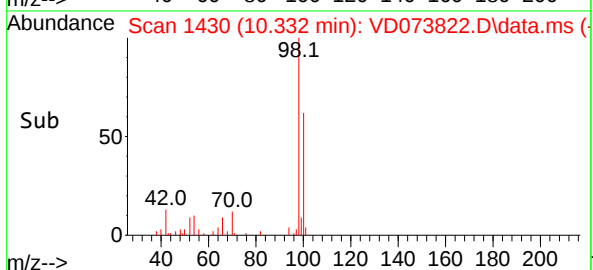
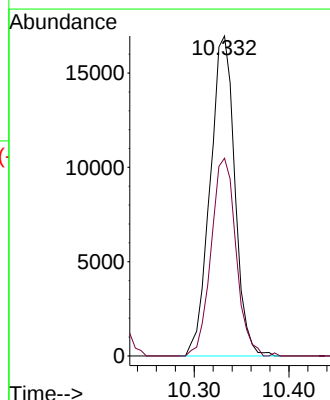
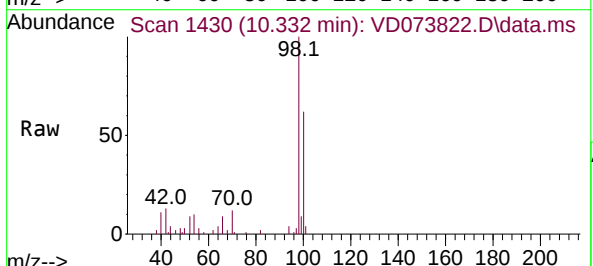
Acq: 11 Jul 2022 11:18

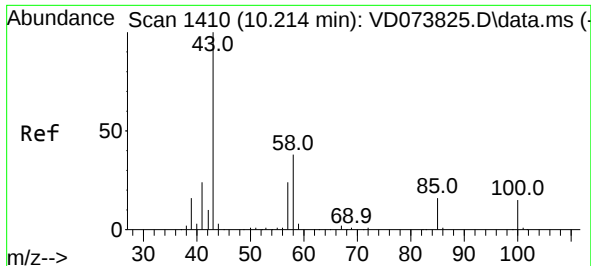
Tgt Ion: 98 Resp: 30674

Ion Ratio Lower Upper

98 100

100 62.2 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 22.880 ug/l

RT: 10.214 min Scan# 1410

Delta R.T. 0.000 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

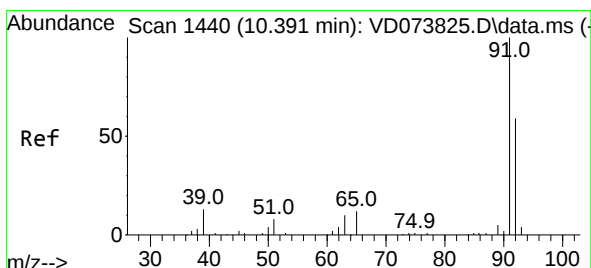
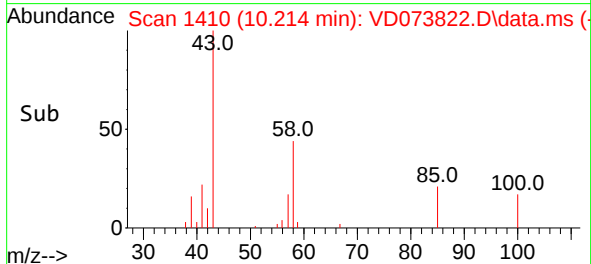
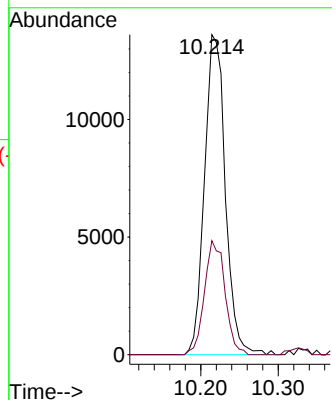
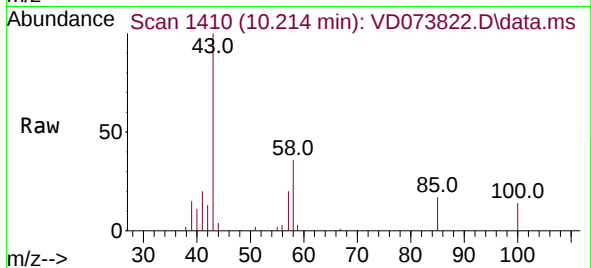
VSTDIC005

Tgt Ion: 43 Resp: 25413

Ion Ratio Lower Upper

43 100

58 35.1 29.3 43.9



#52

Toluene

Concen: 4.657 ug/l

RT: 10.391 min Scan# 1440

Delta R.T. 0.000 min

Lab File: VD073822.D

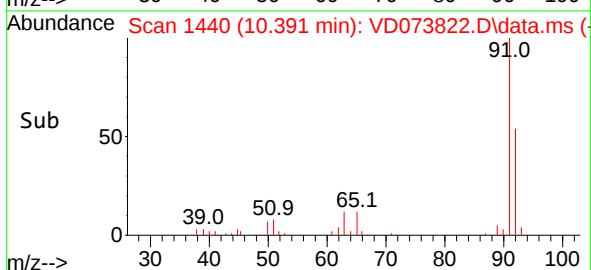
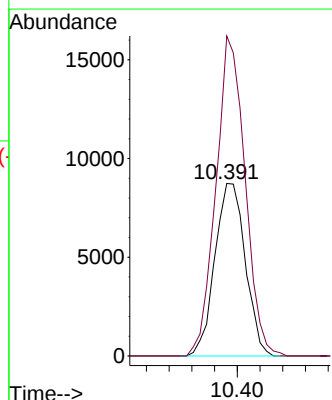
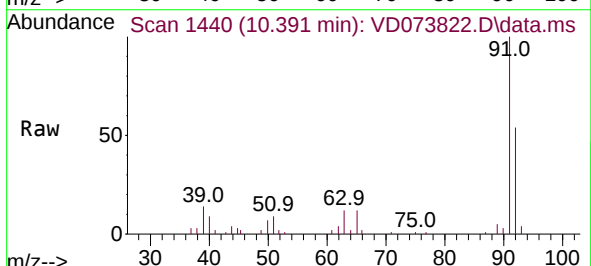
Acq: 11 Jul 2022 11:18

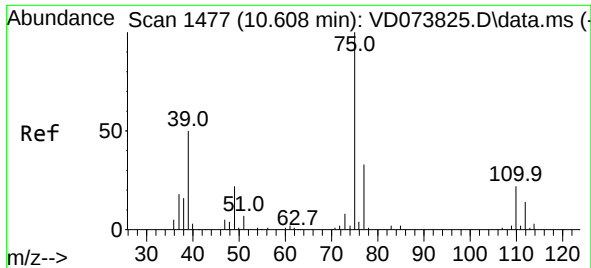
Tgt Ion: 92 Resp: 16249

Ion Ratio Lower Upper

92 100

91 177.7 138.4 207.6

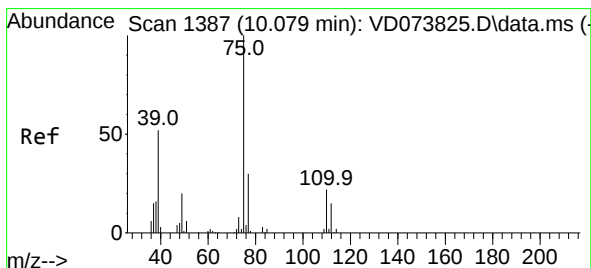
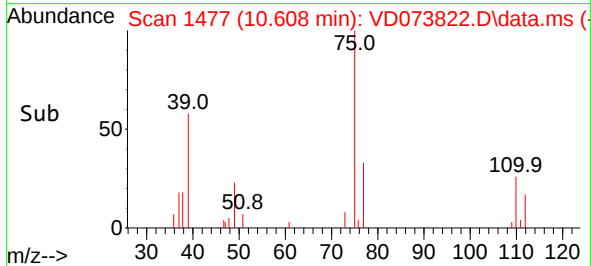
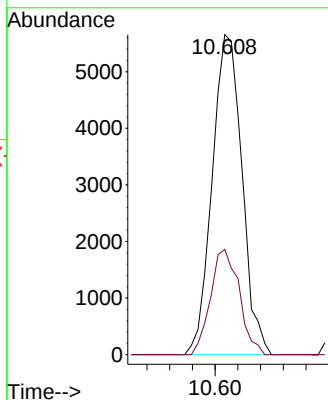
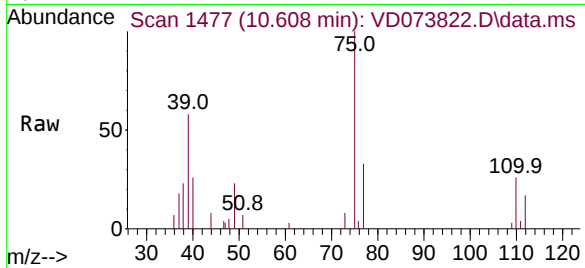




#53
t-1,3-Dichloropropene
Concen: 4.758 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

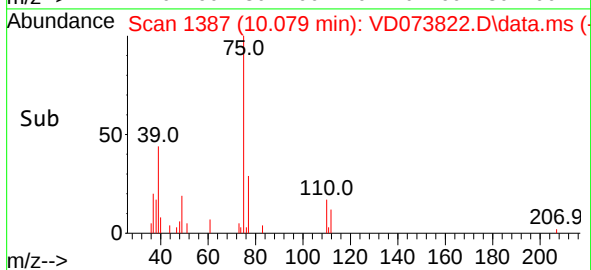
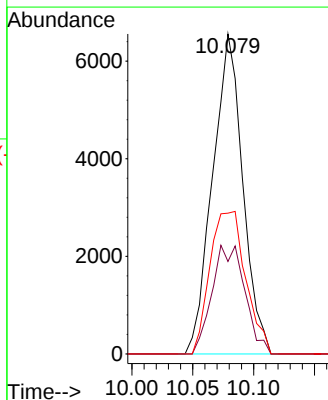
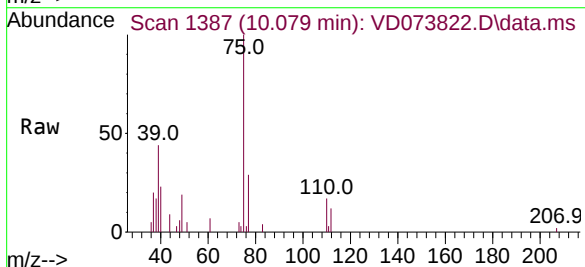
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

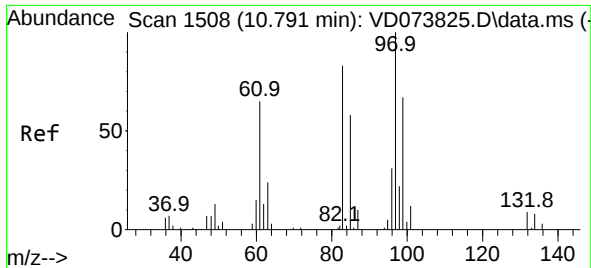
Tgt Ion: 75 Resp: 10311
Ion Ratio Lower Upper
75 100
77 32.9 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 4.707 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion: 75 Resp: 11312
Ion Ratio Lower Upper
75 100
77 28.9 24.2 36.4
39 44.0 41.4 62.2

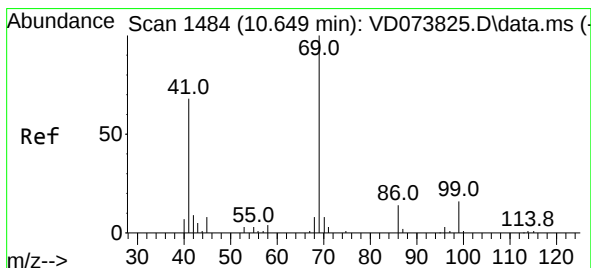
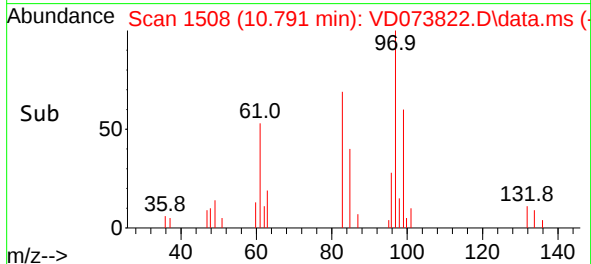
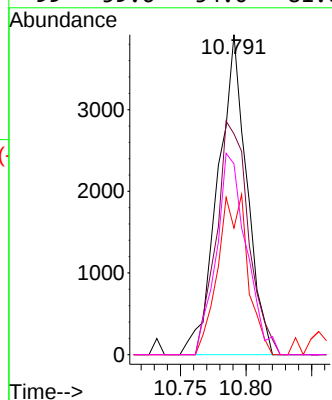
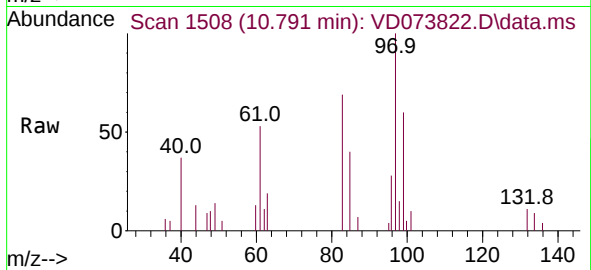




#55
1,1,2-Trichloroethane
Concen: 4.970 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

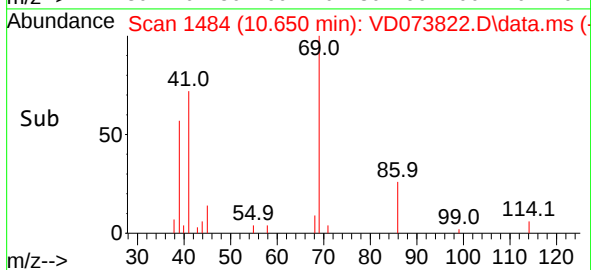
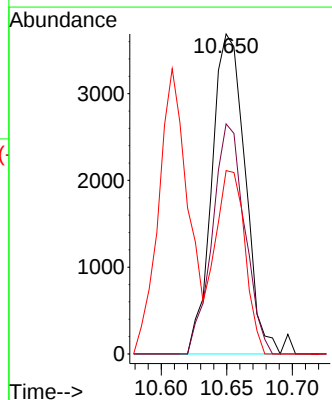
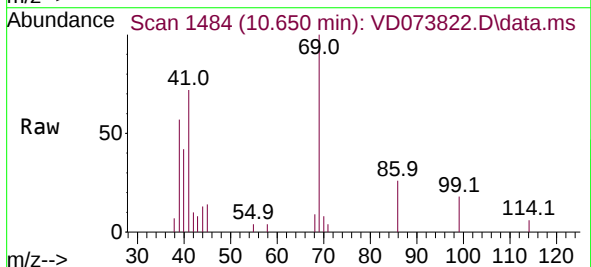
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

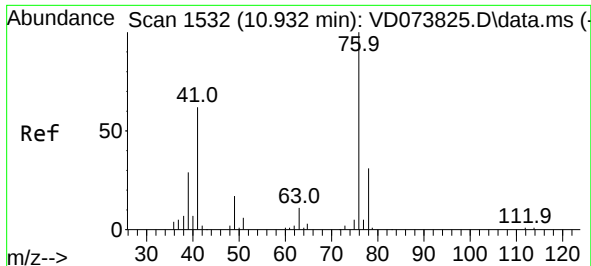
Tgt Ion:	97	Resp:	6015
Ion	Ratio	Lower	Upper
97	100		
83	69.0	66.8	100.2
85	39.5	46.6	69.8#
99	59.6	54.0	81.0



#56
Ethyl methacrylate
Concen: 4.200 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion:	69	Resp:	6488
Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.3	82.9
39	51.0	35.9	53.9





#57

1,3-Dichloropropane

Concen: 4.666 ug/l

RT: 10.932 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

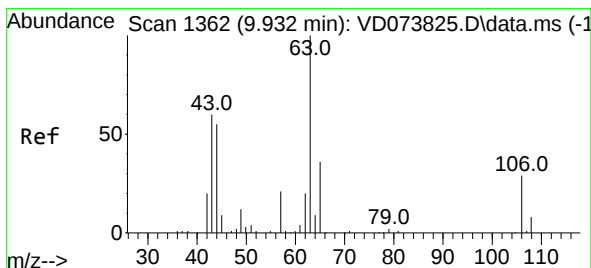
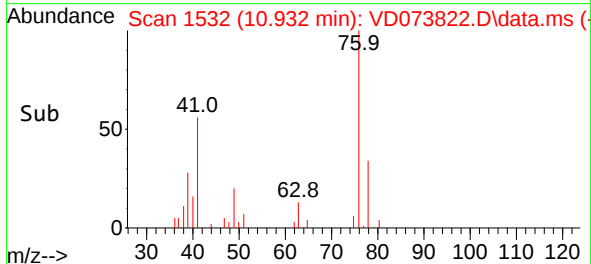
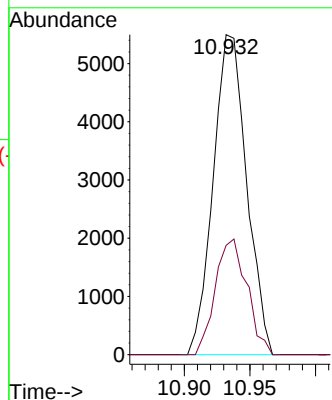
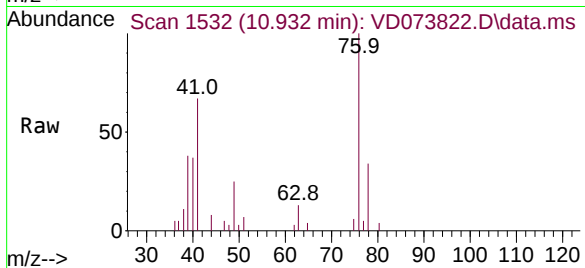
VSTDIC005

Tgt Ion: 76 Resp: 9750

Ion Ratio Lower Upper

76 100

78 34.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 27.410 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073822.D

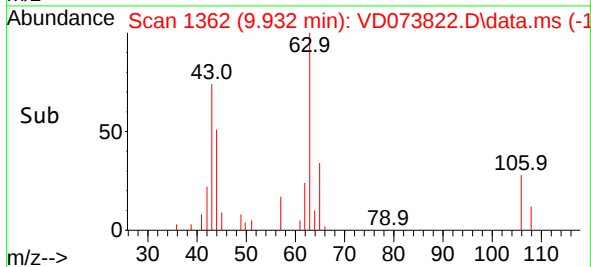
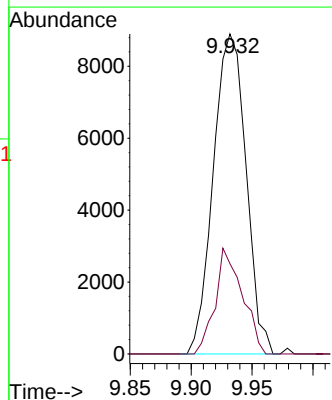
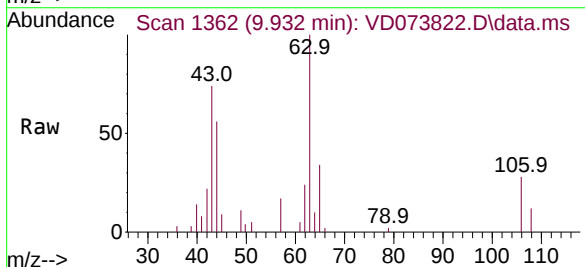
Acq: 11 Jul 2022 11:18

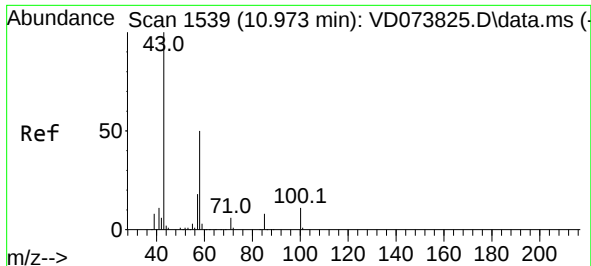
Tgt Ion: 63 Resp: 16654

Ion Ratio Lower Upper

63 100

106 27.5 21.3 31.9

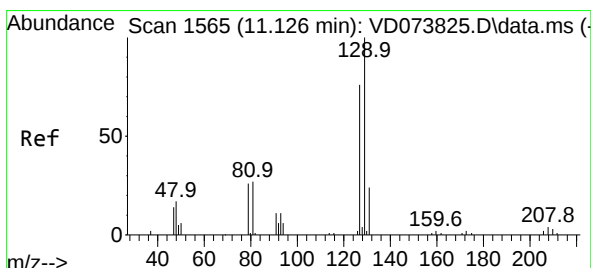
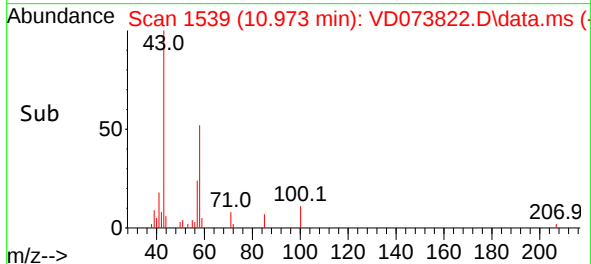
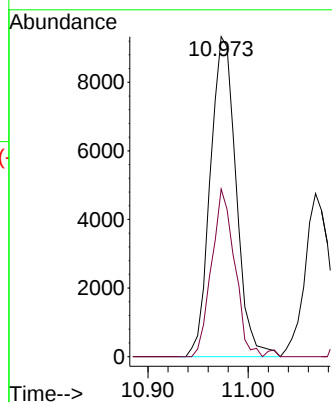
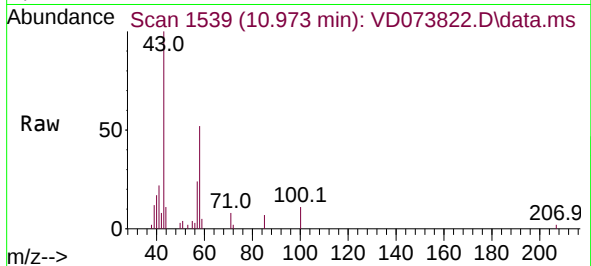




#59
2-Hexanone
Concen: 22.382 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

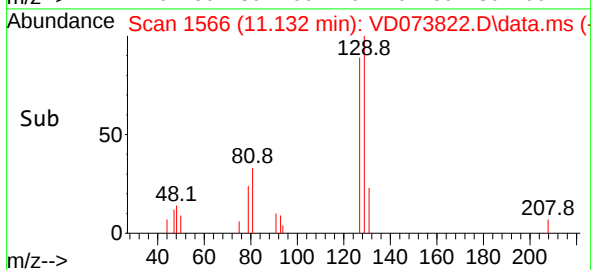
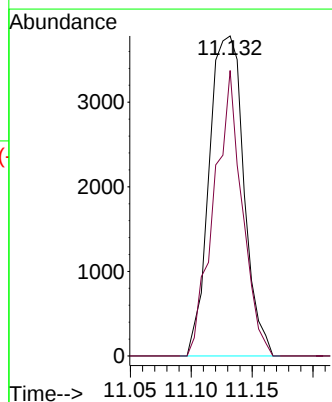
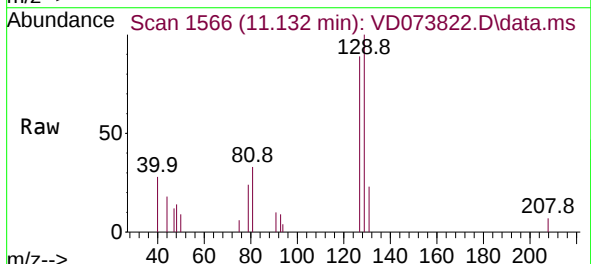
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

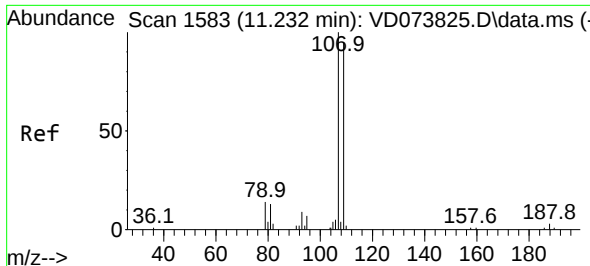
Tgt Ion: 43 Resp: 16692
Ion Ratio Lower Upper
43 100
58 46.7 25.3 75.9



#60
Dibromochloromethane
Concen: 4.985 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion: 129 Resp: 7477
Ion Ratio Lower Upper
129 100
127 72.7 38.7 116.1

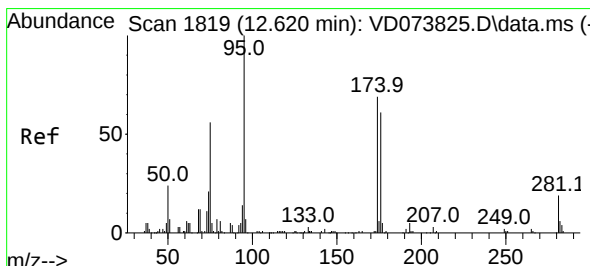
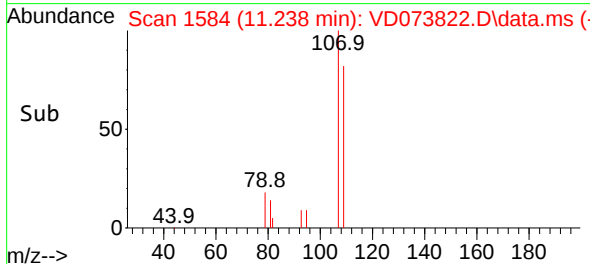
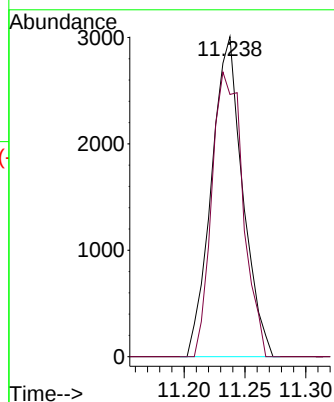
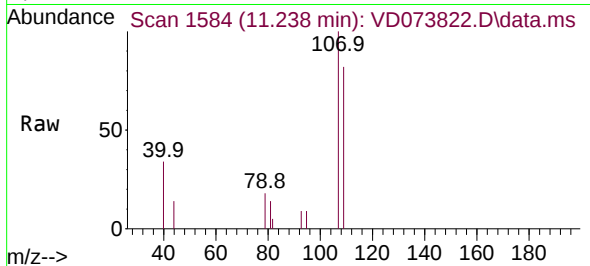




#61
1,2-Dibromoethane
Concen: 4.807 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

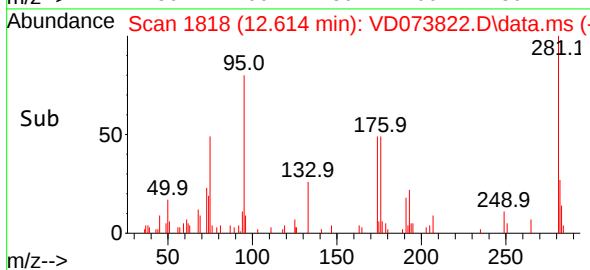
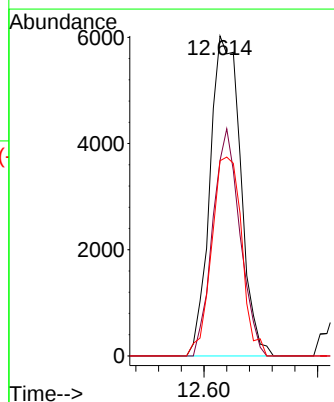
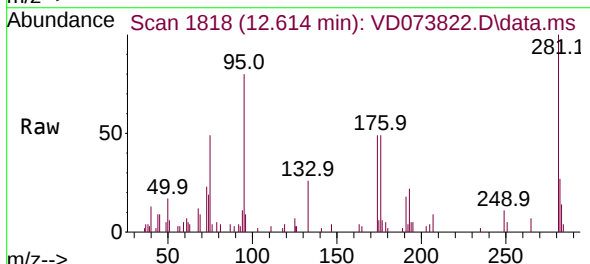
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

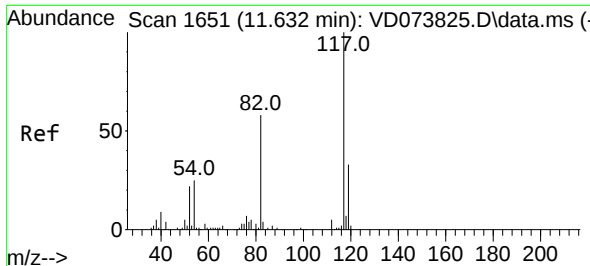
Tgt Ion:107 Resp: 5377
Ion Ratio Lower Upper
107 100
109 88.2 73.2 109.8



#62
4-Bromofluorobenzene
Concen: 5.434 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion: 95 Resp: 11237
Ion Ratio Lower Upper
95 100
174 63.4 0.0 131.8
176 61.0 0.0 124.2

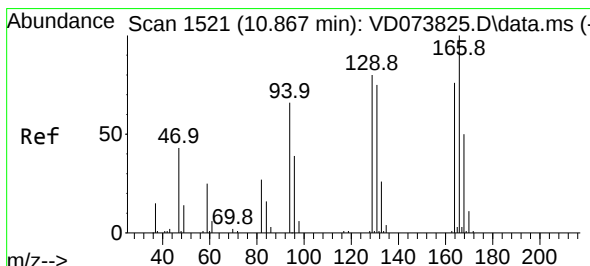
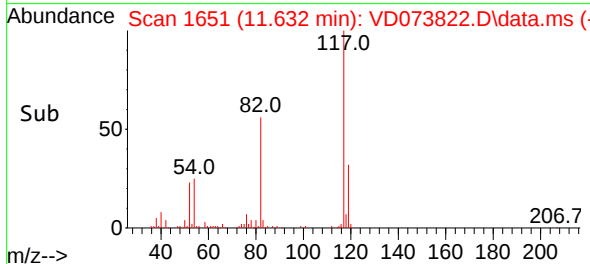
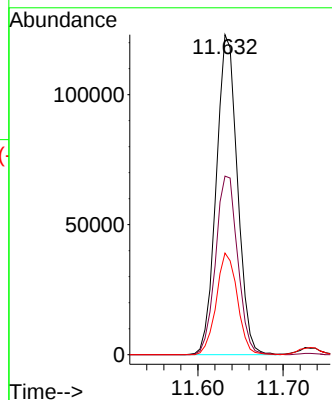
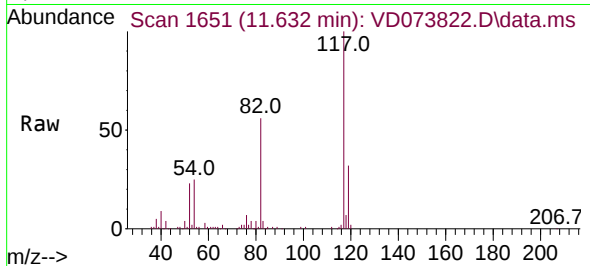




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

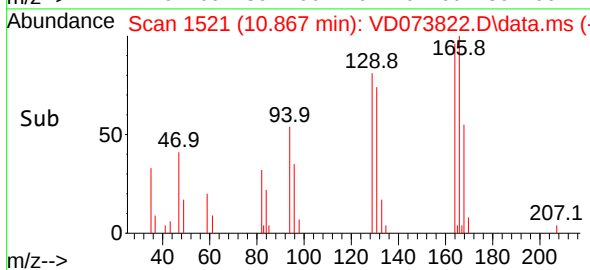
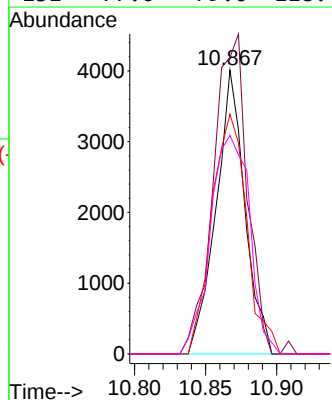
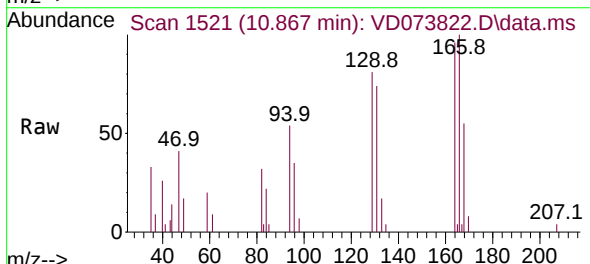
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

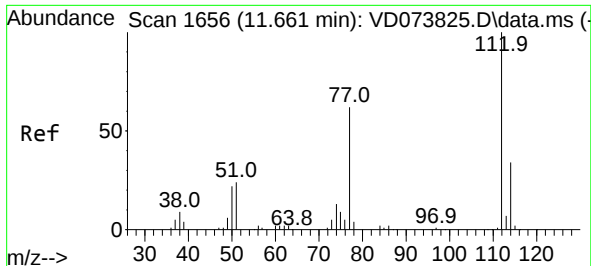
Tgt Ion:117 Resp: 212469
Ion Ratio Lower Upper
117 100
82 55.8 46.6 69.8
119 31.7 26.1 39.1



#64
Tetrachloroethene
Concen: 5.377 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion:164 Resp: 5662
Ion Ratio Lower Upper
164 100
166 104.4 105.0 157.6#
129 84.5 83.8 125.8
131 77.0 79.0 118.4#

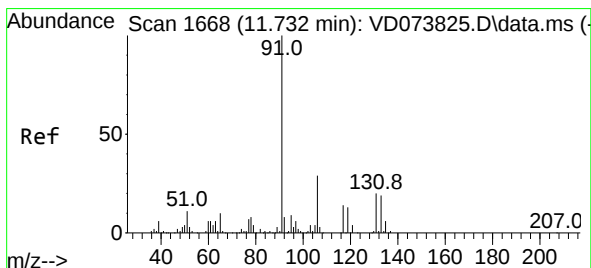
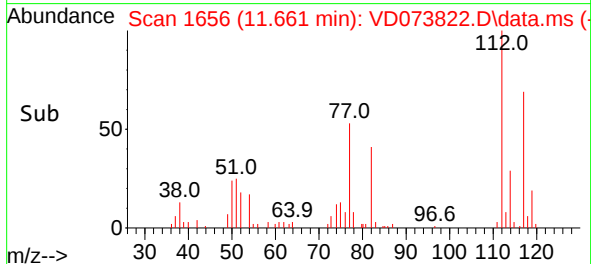
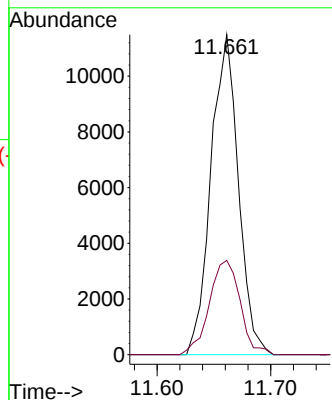
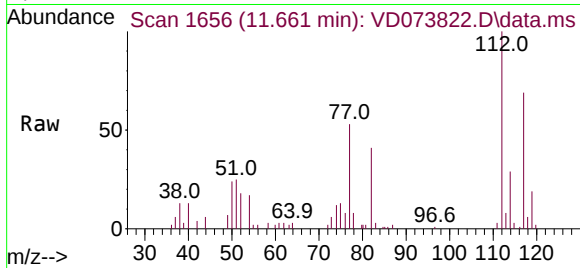




#65
Chlorobenzene
Concen: 4.840 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

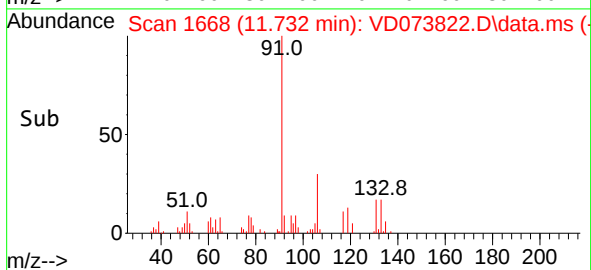
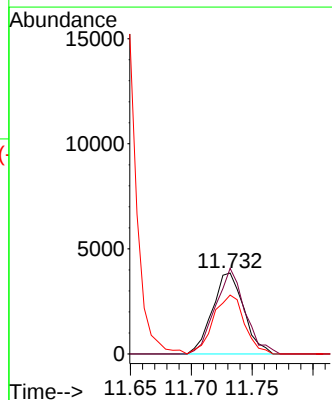
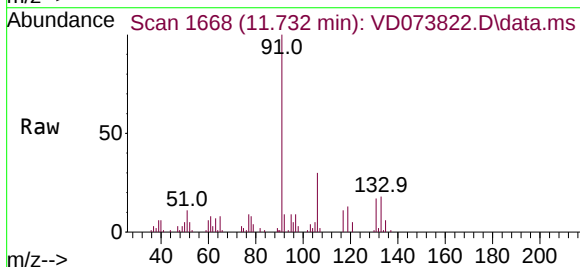
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

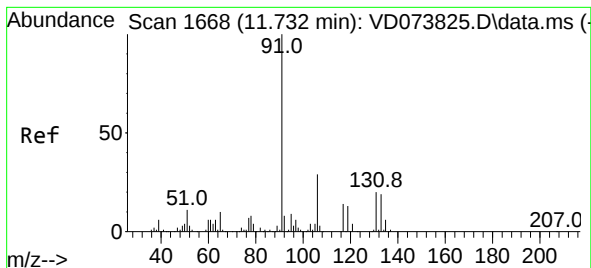
Tgt Ion:112 Resp: 19304
Ion Ratio Lower Upper
112 100
114 29.4 27.1 40.7



#66
1,1,1,2-Tetrachloroethane
Concen: 4.487 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion:131 Resp: 6916
Ion Ratio Lower Upper
131 100
133 98.6 47.0 141.0
119 72.1 32.6 98.0





#67

Ethyl Benzene

Concen: 4.968 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. 0.000 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

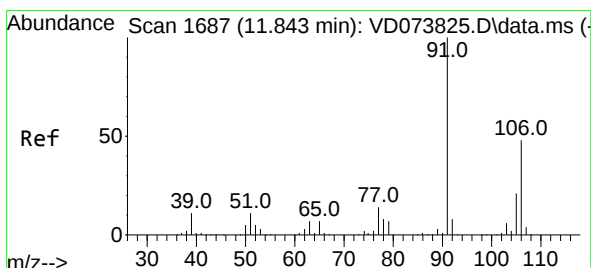
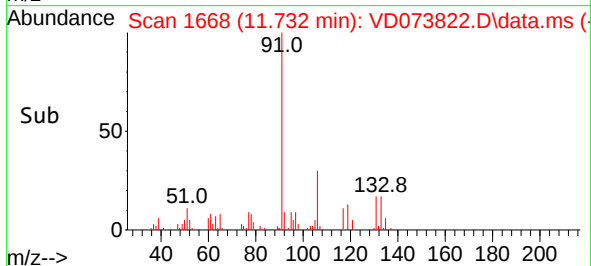
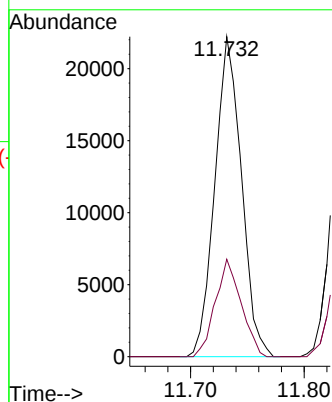
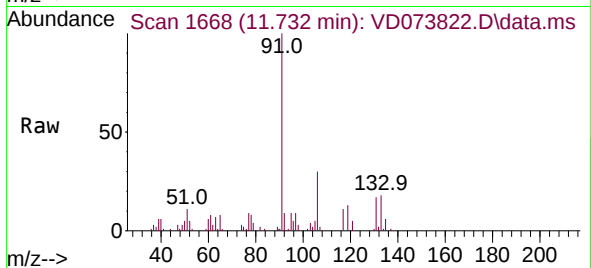
VSTDIC005

Tgt Ion: 91 Resp: 36111

Ion Ratio Lower Upper

91 100

106 30.4 23.2 34.8



#68

m/p-Xylenes

Concen: 9.317 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD073822.D

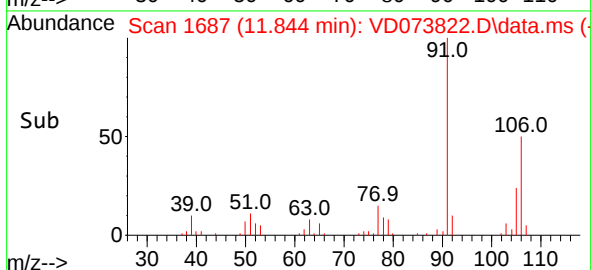
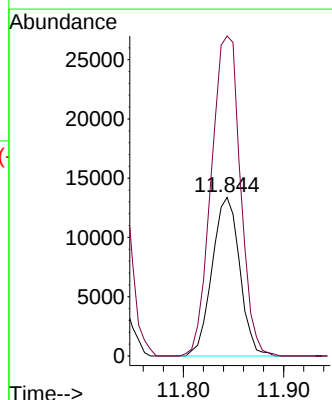
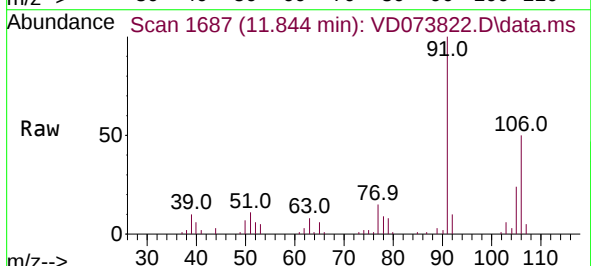
Acq: 11 Jul 2022 11:18

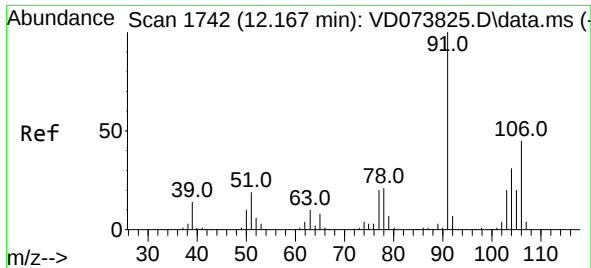
Tgt Ion: 106 Resp: 25544

Ion Ratio Lower Upper

106 100

91 213.0 167.0 250.4

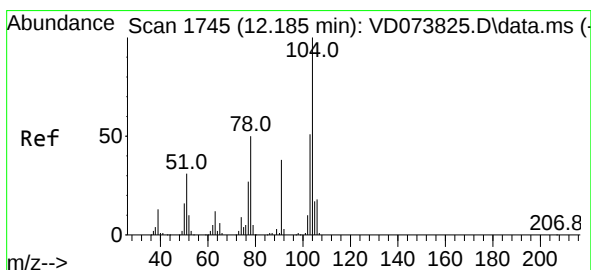
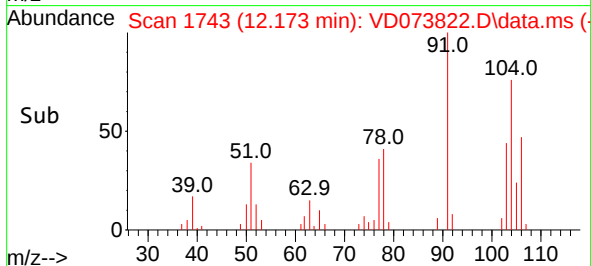
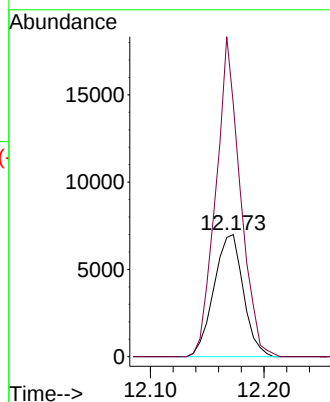
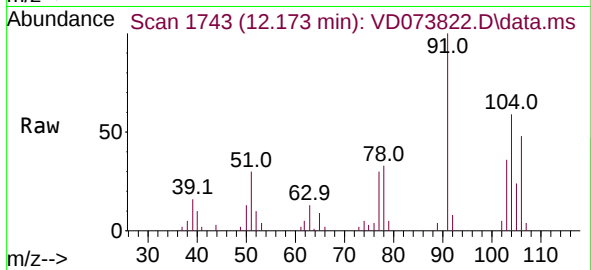




#69
o-Xylene
Concen: 4.762 ug/l
RT: 12.173 min Scan# 1742
Delta R.T. 0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

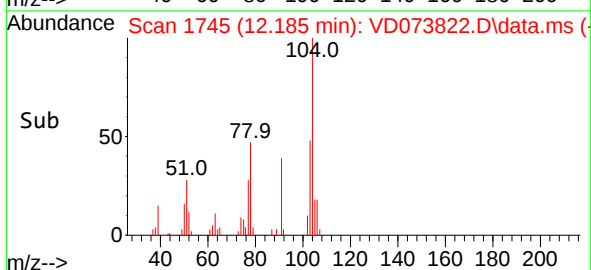
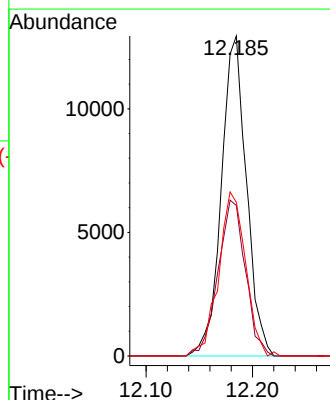
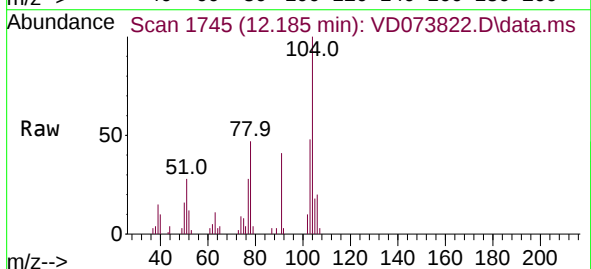
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

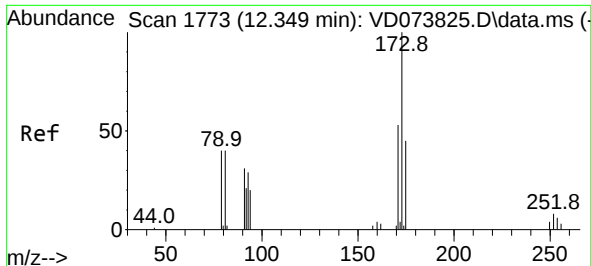
Tgt Ion:106 Resp: 12580
Ion Ratio Lower Upper
106 100
91 217.1 110.4 331.2



#70
Styrene
Concen: 4.581 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion:104 Resp: 21184
Ion Ratio Lower Upper
104 100
78 53.0 42.8 64.2
103 55.3 44.5 66.7

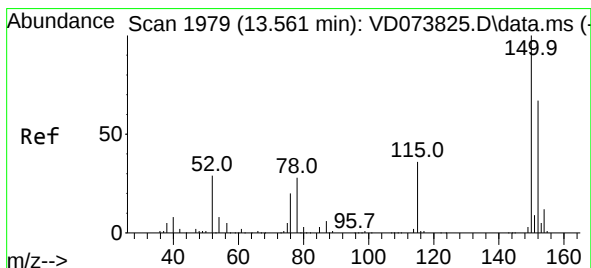
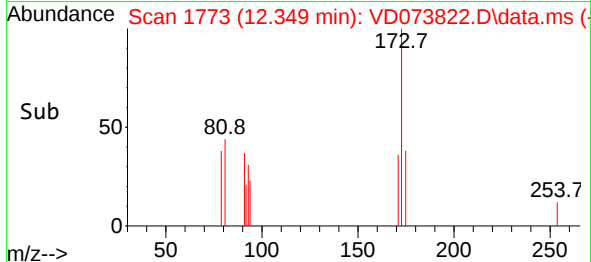
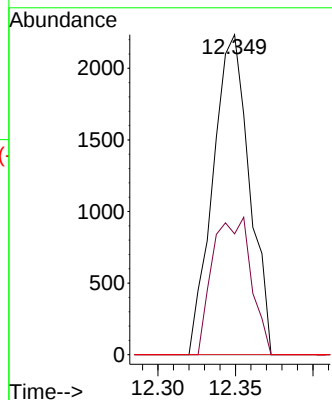
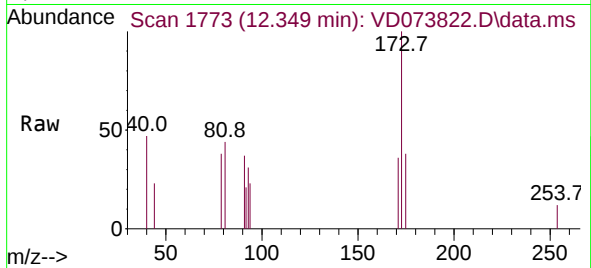




#71
Bromoform
Concen: 4.665 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

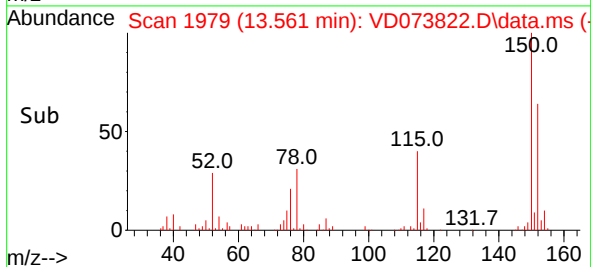
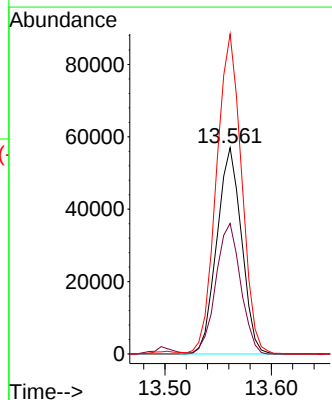
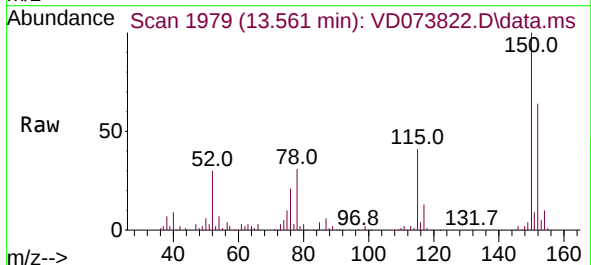
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

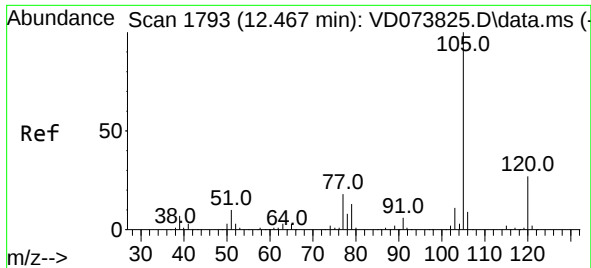
Tgt Ion:173 Resp: 3662
Ion Ratio Lower Upper
173 100
175 45.2 23.4 70.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion:152 Resp: 91470
Ion Ratio Lower Upper
152 100
115 63.7 33.5 100.5
150 158.6 0.0 343.2

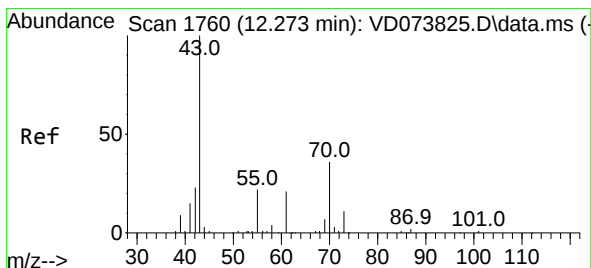
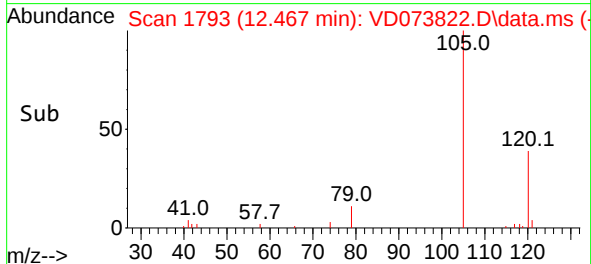
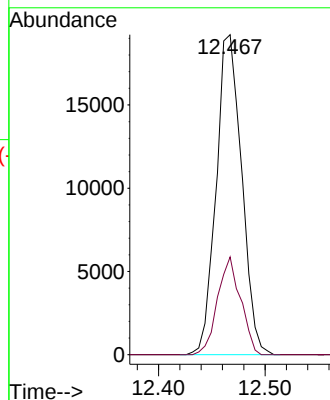
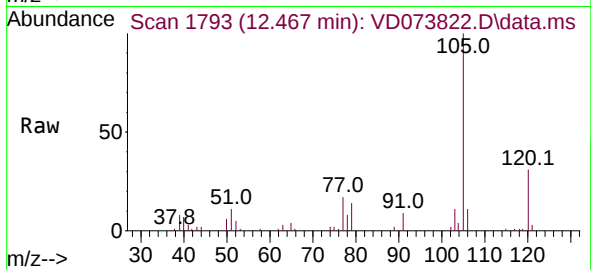




#73
Isopropylbenzene
Concen: 4.593 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

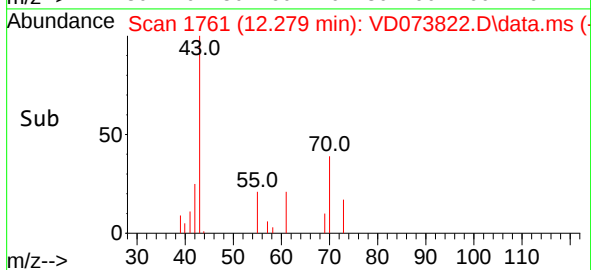
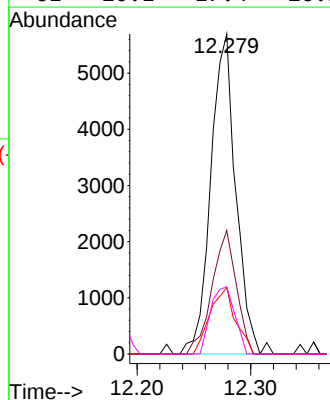
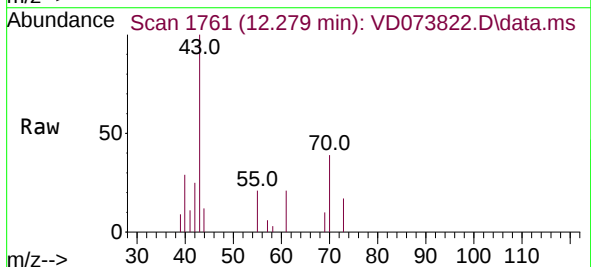
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

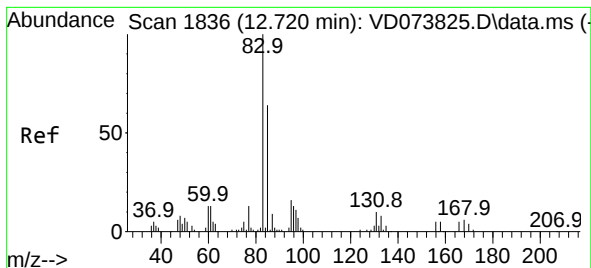
Tgt Ion:105 Resp: 31944
Ion Ratio Lower Upper
105 100
120 27.6 13.2 39.5



#74
N-ethyl acetate
Concen: 4.479 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion: 43 Resp: 8742
Ion Ratio Lower Upper
43 100
70 37.5 30.0 45.0
55 21.2 17.4 26.0
61 20.1 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 4.456 ug/l

RT: 12.714 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

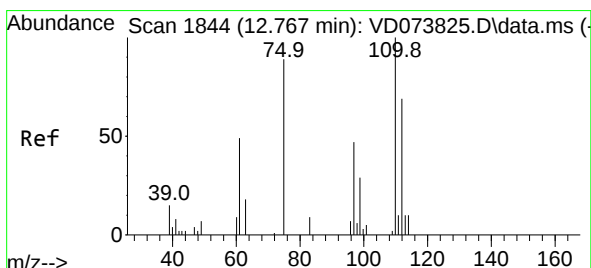
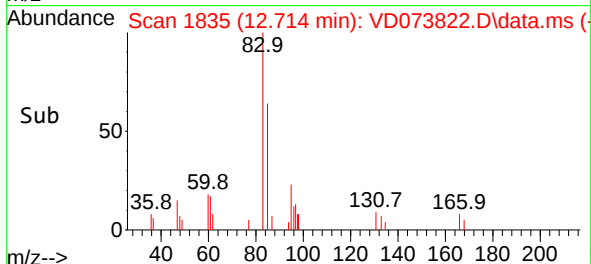
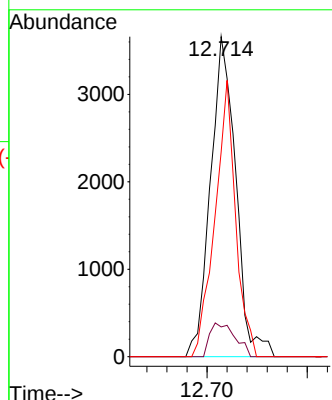
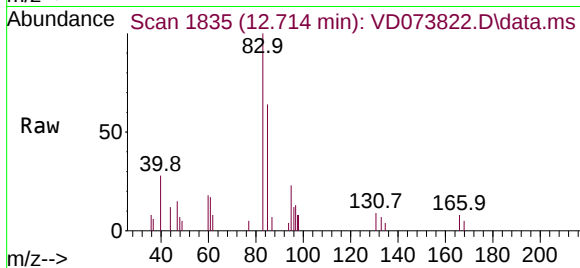
Tgt Ion: 83 Resp: 6408

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.2

85 70.3 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 8.476 ug/l

RT: 12.767 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VD073822.D

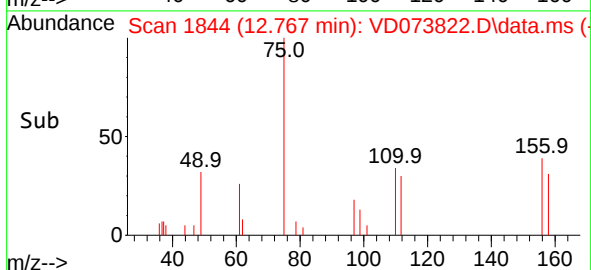
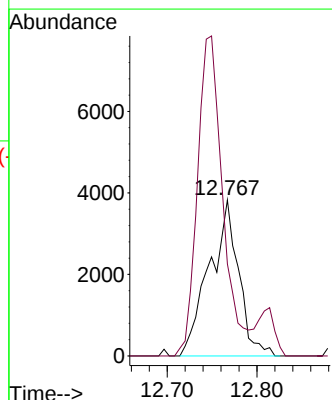
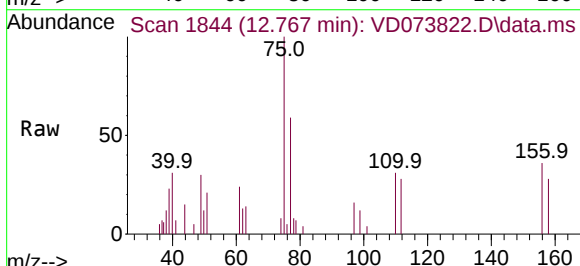
Acq: 11 Jul 2022 11:18

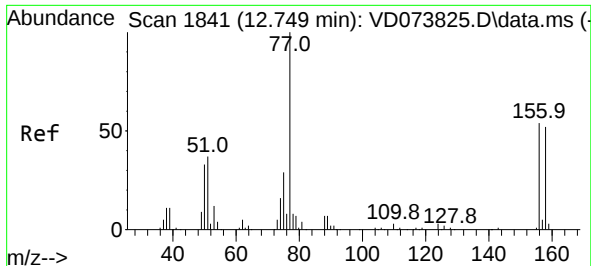
Tgt Ion: 75 Resp: 8714

Ion Ratio Lower Upper

75 100

77 175.9 138.0 414.0



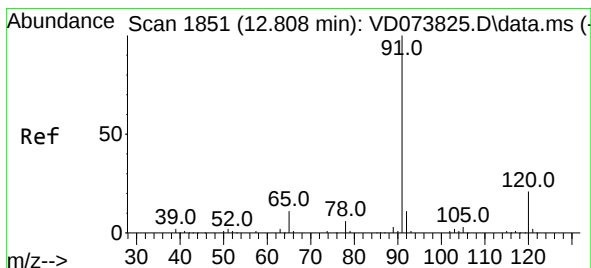
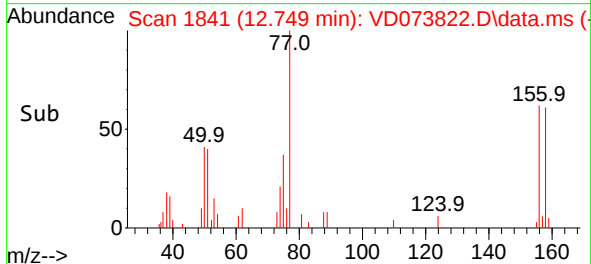
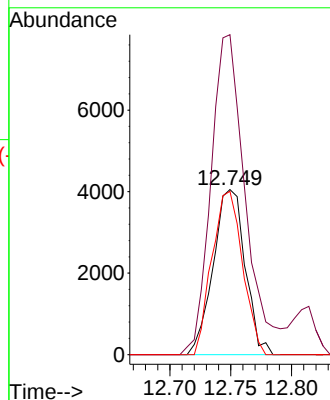
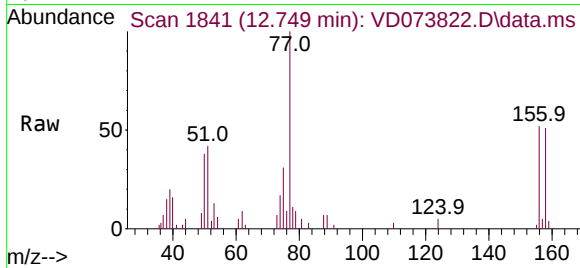


#77
 Bromobenzene
 Concen: 5.088 ug/l
 RT: 12.749 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: VD073822.D
 Acq: 11 Jul 2022 11:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion:156 Resp: 7393

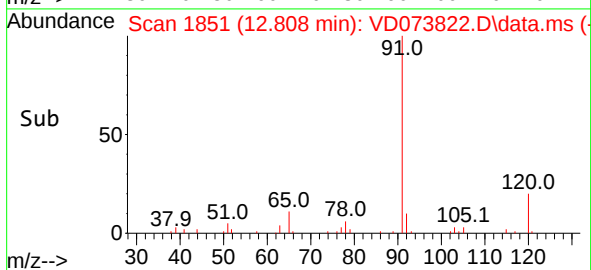
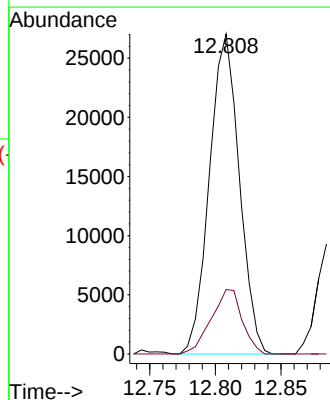
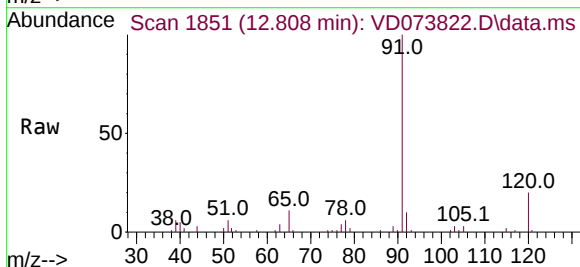
Ion	Ratio	Lower	Upper
156	100		
77	207.4	110.1	330.3
158	94.7	48.3	144.9

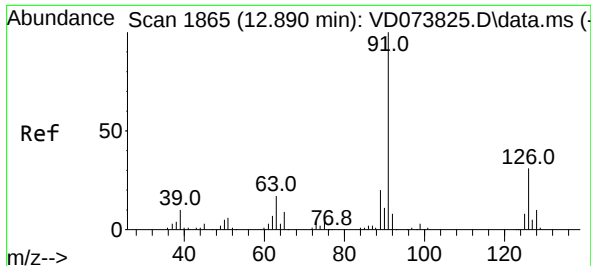


#78
 n-propylbenzene
 Concen: 4.889 ug/l
 RT: 12.808 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VD073822.D
 Acq: 11 Jul 2022 11:18

Tgt Ion: 91 Resp: 42884

Ion	Ratio	Lower	Upper
91	100		
120	20.8	10.5	31.6

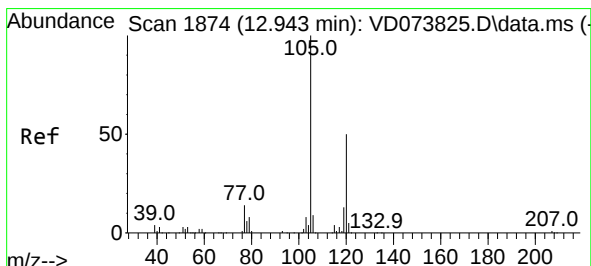
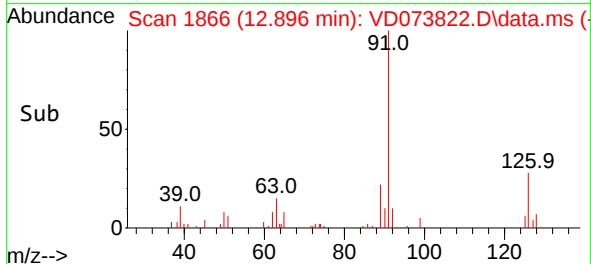
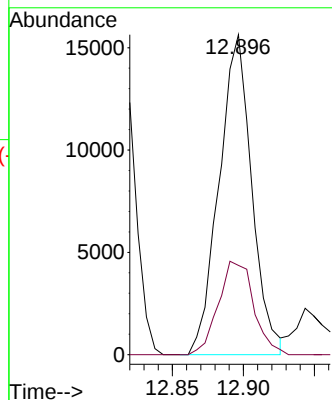
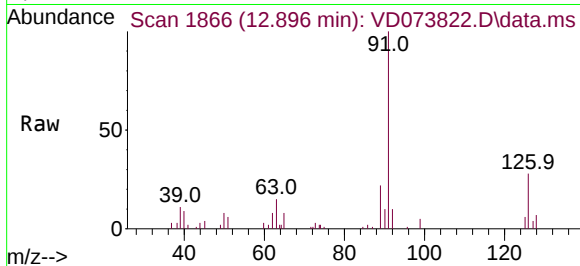




#79
2-Chlorotoluene
Concen: 5.050 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

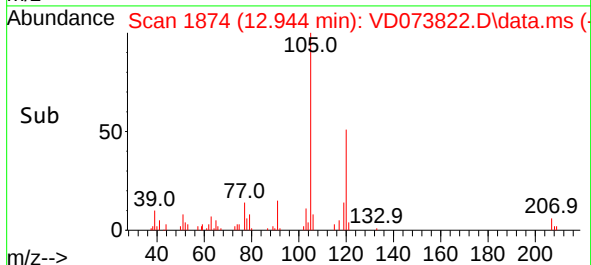
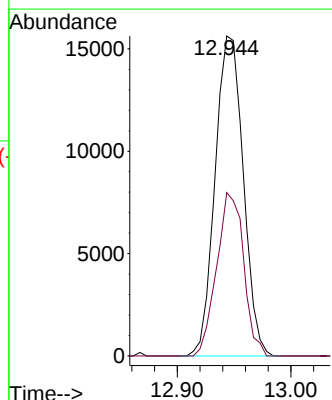
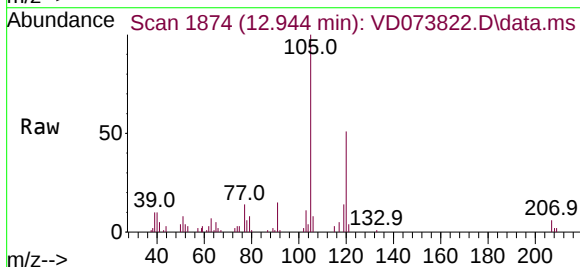
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

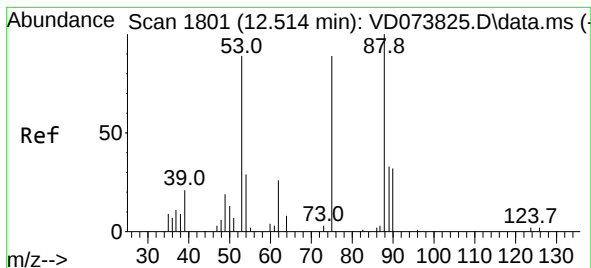
Tgt Ion: 91 Resp: 25027
Ion Ratio Lower Upper
91 100
126 31.5 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 4.618 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion: 105 Resp: 26937
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.4

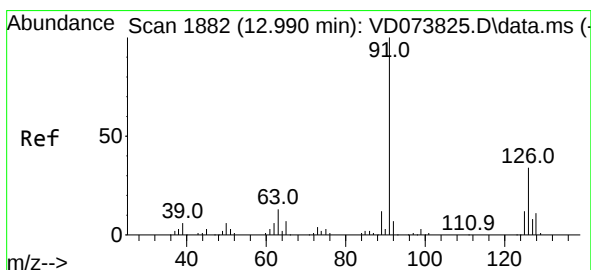
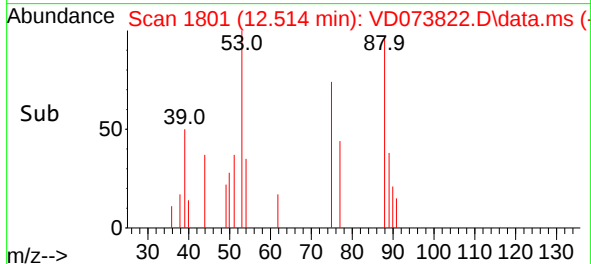
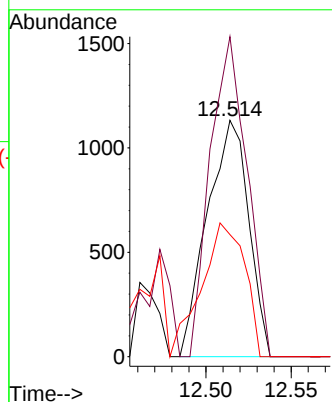
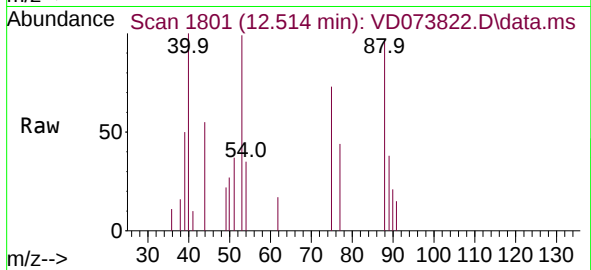




#81
trans-1,4-Dichloro-2-butene
Concen: 4.372 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

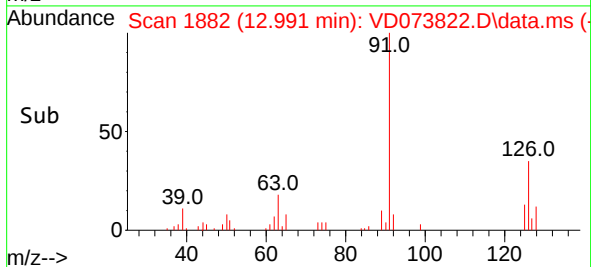
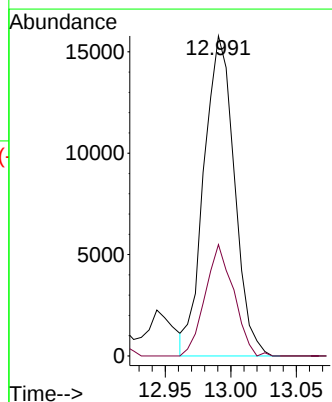
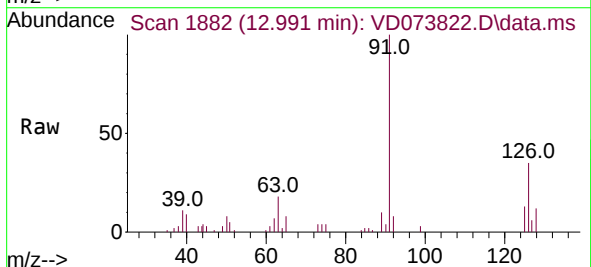
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

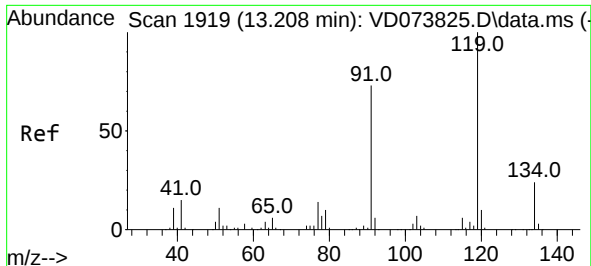
Tgt Ion: 75 Resp: 1912
Ion Ratio Lower Upper
75 100
53 121.0 79.3 118.9#
89 56.3 34.8 52.2#



#82
4-Chlorotoluene
Concen: 4.902 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion: 91 Resp: 25520
Ion Ratio Lower Upper
91 100
126 32.5 16.2 48.5

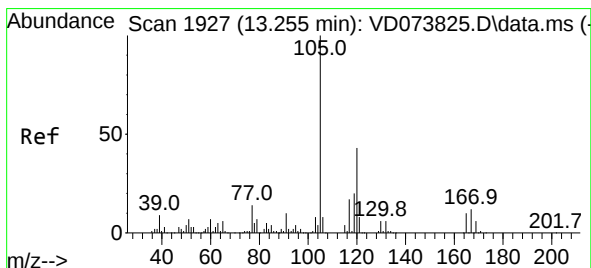
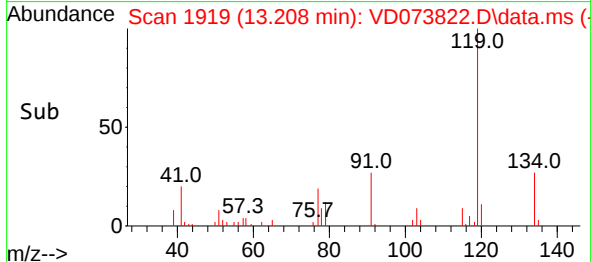
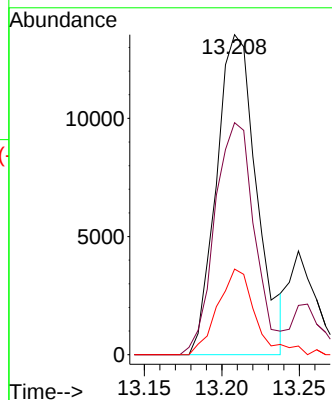
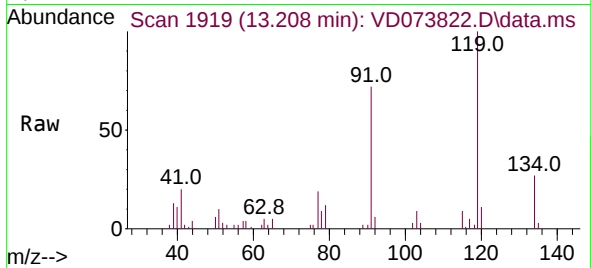




#83
tert-Butylbenzene
Concen: 4.738 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

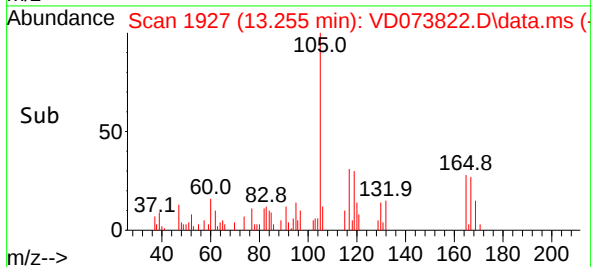
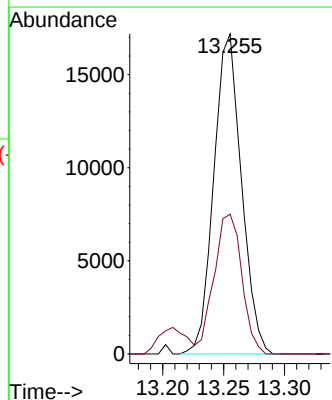
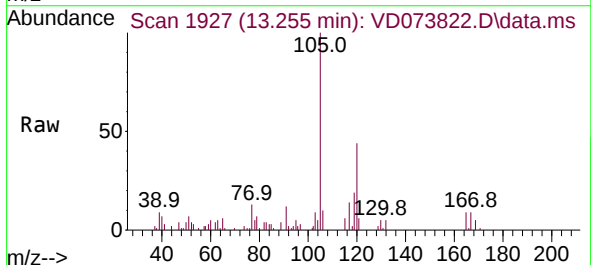
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

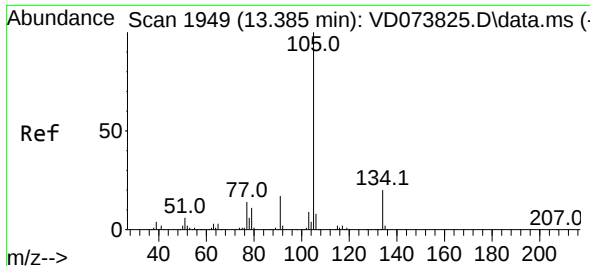
Tgt Ion:119 Resp: 24411
Ion Ratio Lower Upper
119 100
91 71.9 36.0 108.0
134 25.3 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 4.697 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion:105 Resp: 27138
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.5

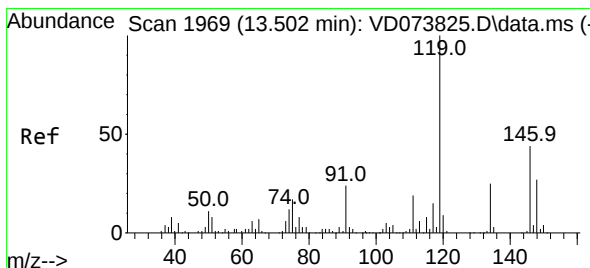
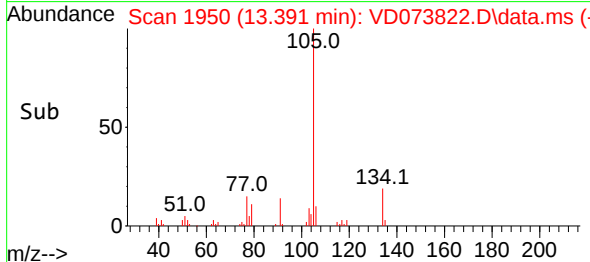
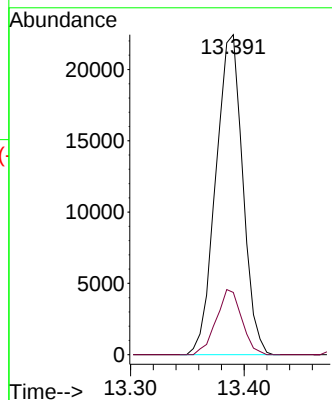
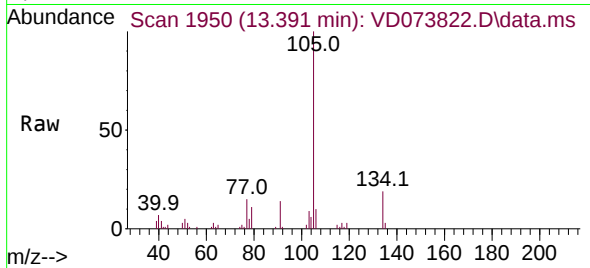




#85
 sec-Butylbenzene
 Concen: 4.662 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.006 min
 Lab File: VD073822.D
 Acq: 11 Jul 2022 11:18

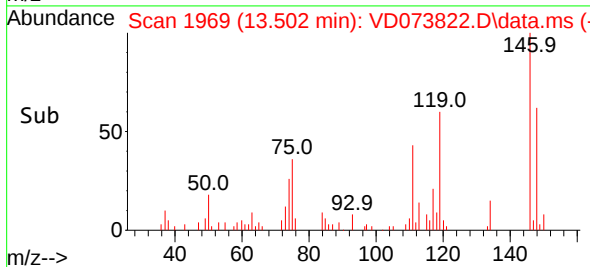
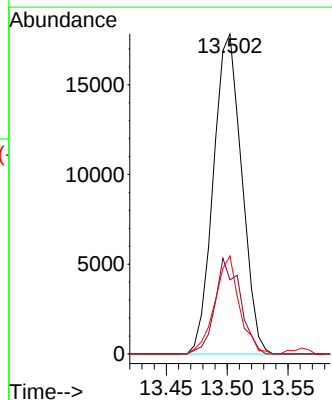
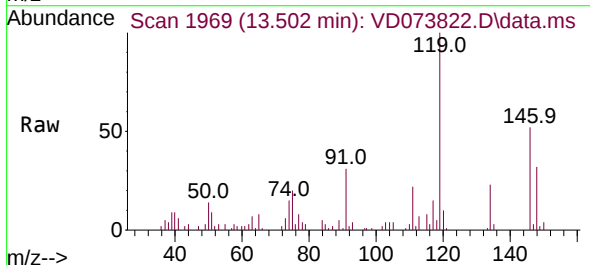
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

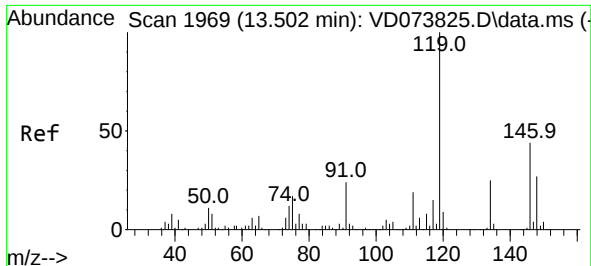
Tgt Ion:105 Resp: 36988
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 4.554 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073822.D
 Acq: 11 Jul 2022 11:18

Tgt Ion:119 Resp: 28860
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.6 37.8
 91 26.7 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 4.966 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

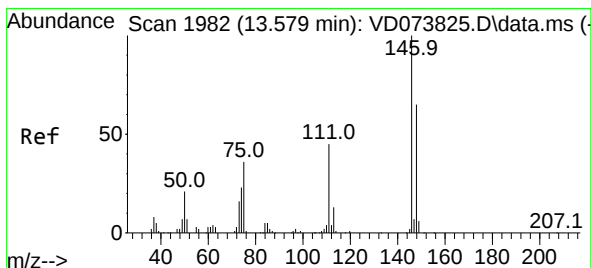
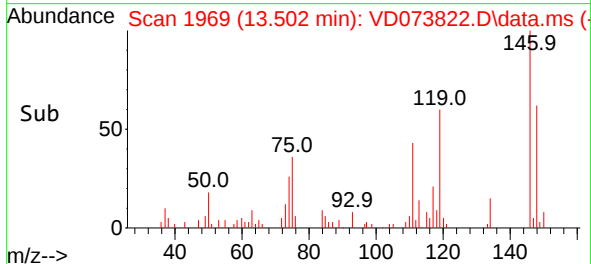
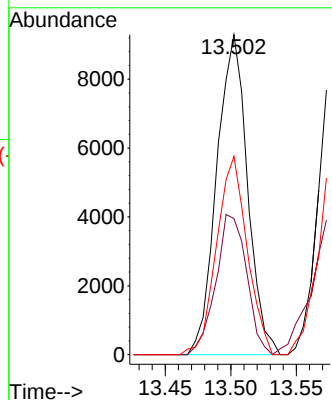
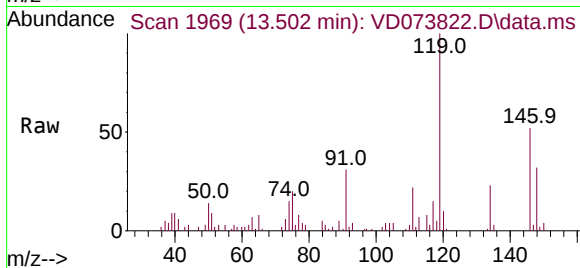
Tgt Ion:146 Resp: 15140

Ion Ratio Lower Upper

146 100

111 43.9 21.8 65.4

148 61.5 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 4.842 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

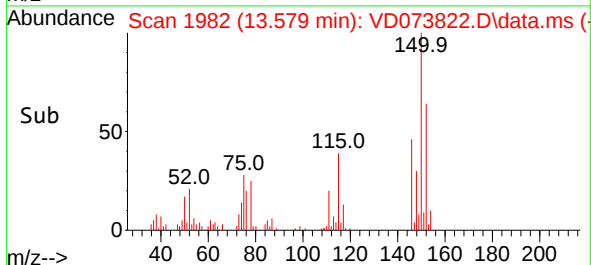
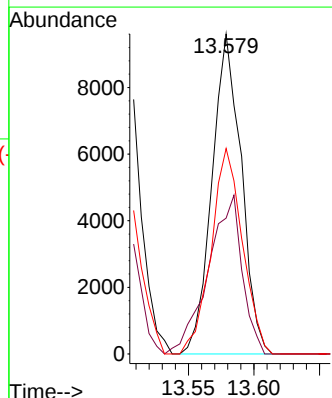
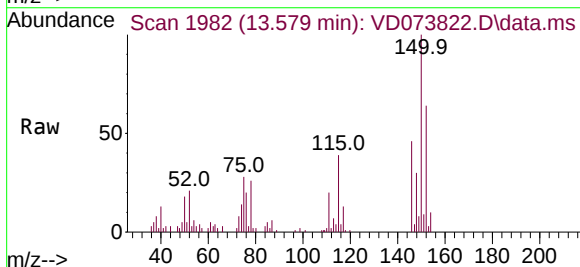
Tgt Ion:146 Resp: 14898

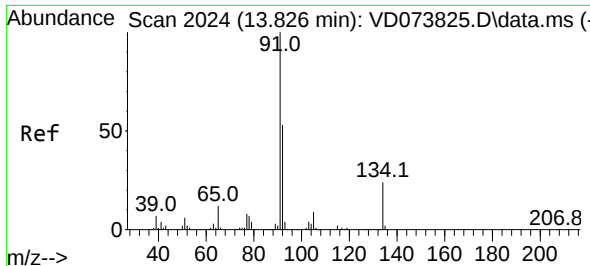
Ion Ratio Lower Upper

146 100

111 57.4 21.9 65.7

148 68.8 32.4 97.0

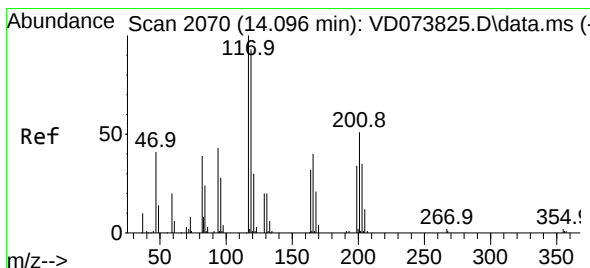
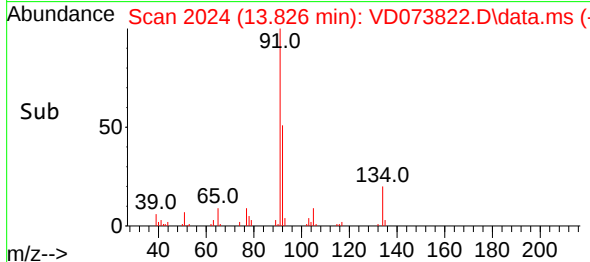
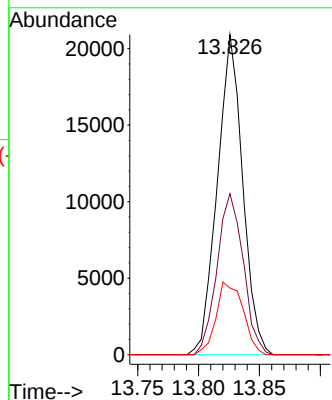
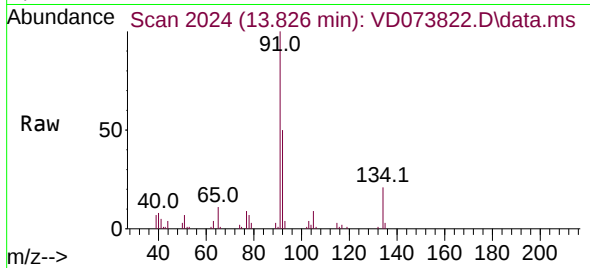




#89
n-Butylbenzene
Concen: 4.729 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

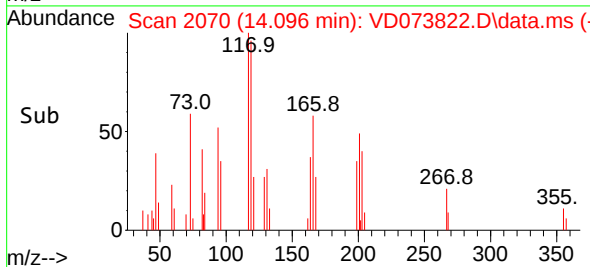
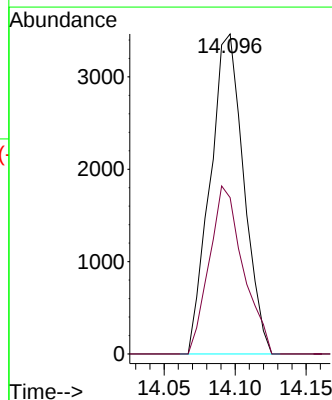
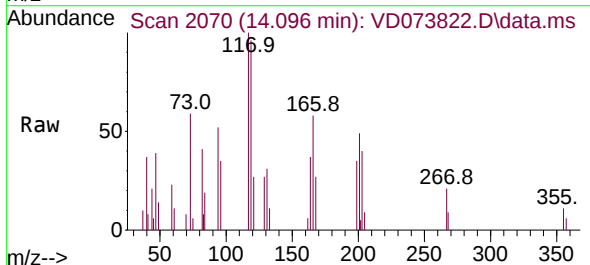
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

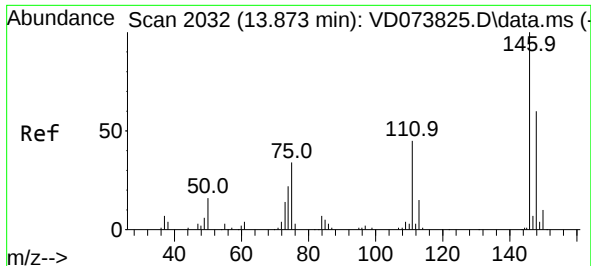
Tgt Ion: 91 Resp: 30307
Ion Ratio Lower Upper
91 100
92 52.0 26.7 80.1
134 24.1 11.6 34.7



#90
Hexachloroethane
Concen: 4.507 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion: 117 Resp: 5699
Ion Ratio Lower Upper
117 100
201 52.9 26.7 80.0





#91

1,2-Dichlorobenzene

Concen: 4.970 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

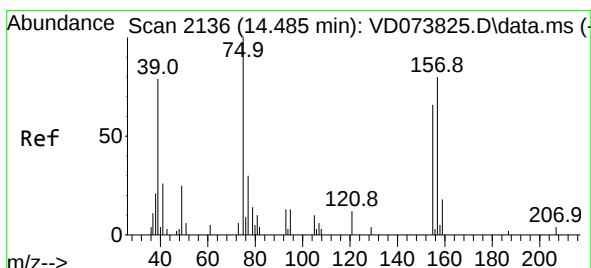
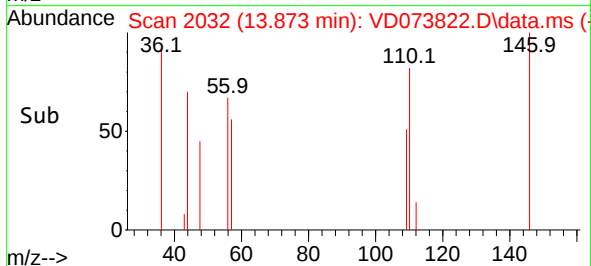
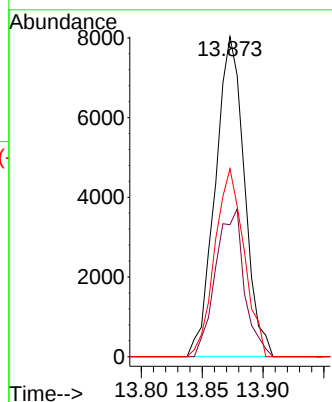
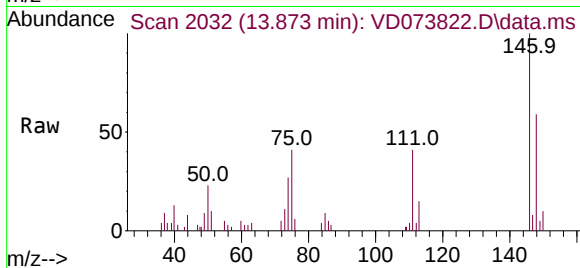
Tgt Ion:146 Resp: 13381

Ion Ratio Lower Upper

146 100

111 45.2 22.8 68.4

148 58.9 30.6 91.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.087 ug/l

RT: 14.485 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VD073822.D

Acq: 11 Jul 2022 11:18

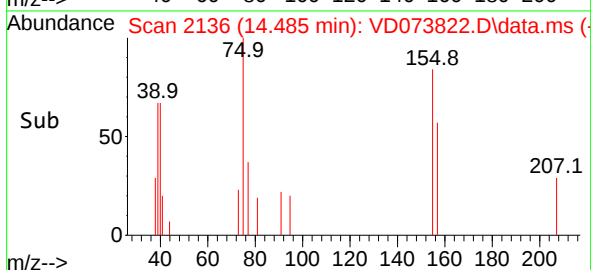
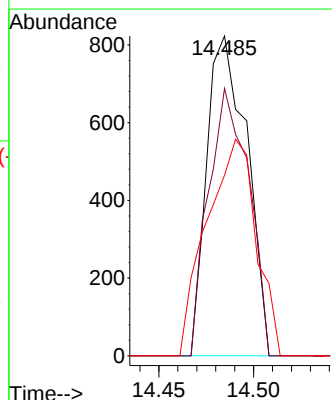
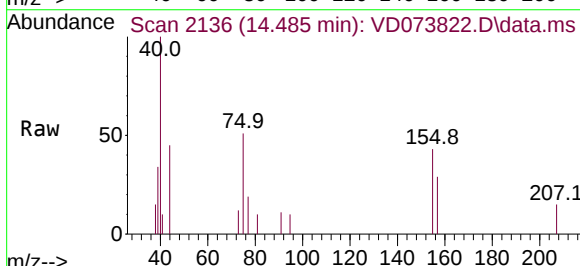
Tgt Ion: 75 Resp: 1208

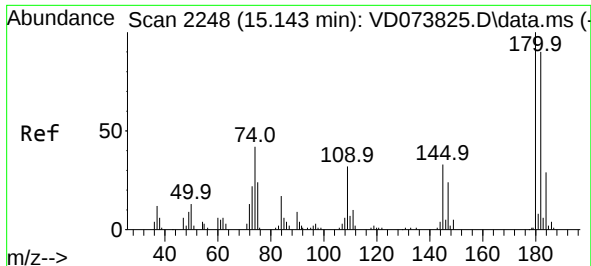
Ion Ratio Lower Upper

75 100

155 84.4 35.7 107.1

157 83.8 46.7 140.1

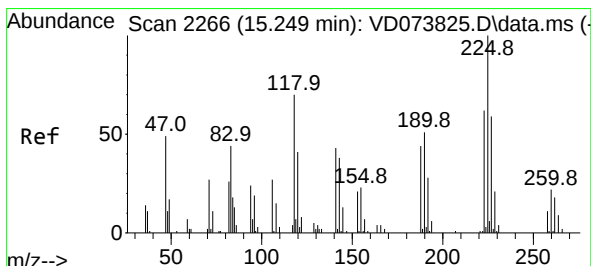
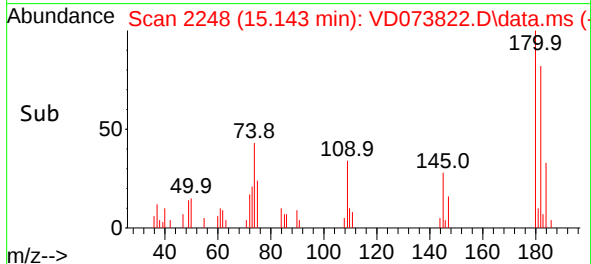
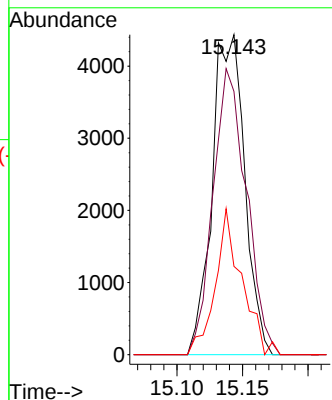
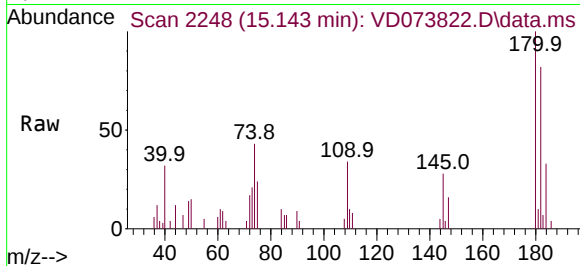




#93
1,2,4-Trichlorobenzene
Concen: 4.943 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

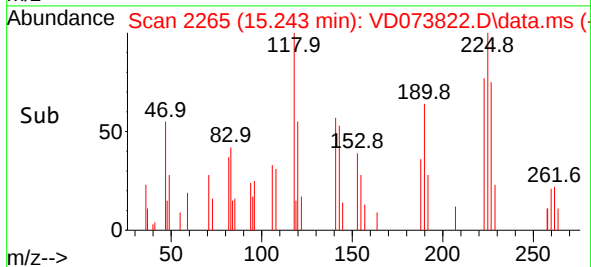
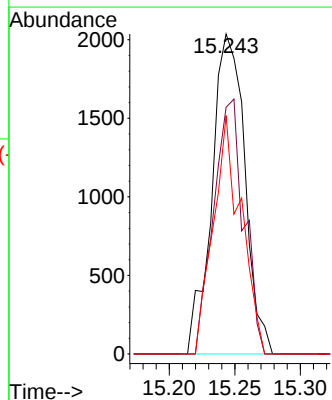
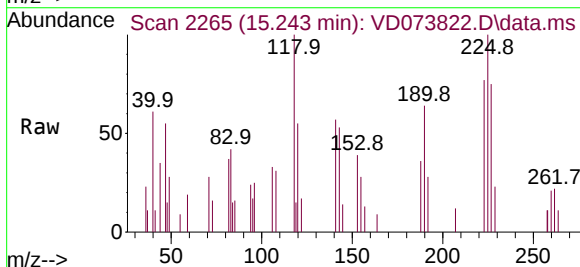
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

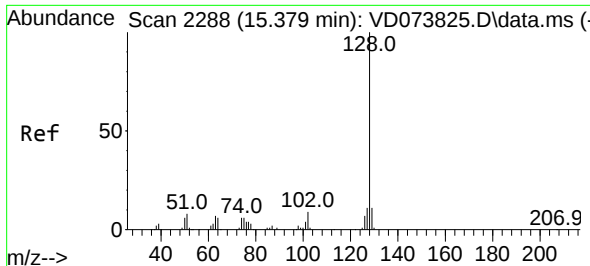
Tgt Ion:180 Resp: 7652
Ion Ratio Lower Upper
180 100
182 91.6 46.9 140.8
145 37.0 17.0 51.0



#94
Hexachlorobutadiene
Concen: 4.755 ug/l
RT: 15.243 min Scan# 2265
Delta R.T. -0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion:225 Resp: 3553
Ion Ratio Lower Upper
225 100
223 73.4 31.8 95.3
227 63.0 31.4 94.2

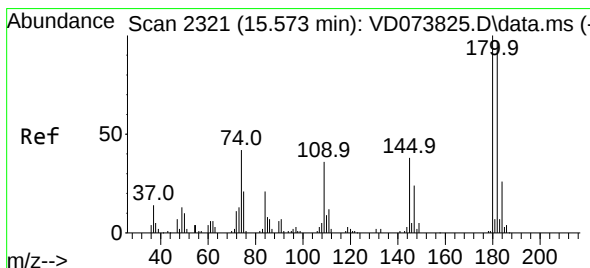
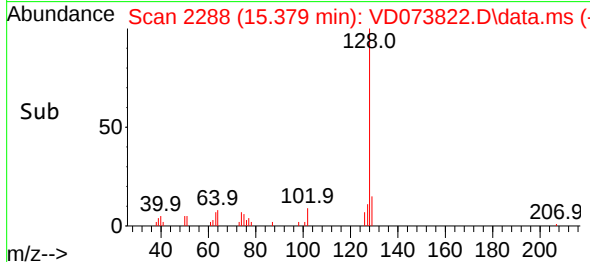
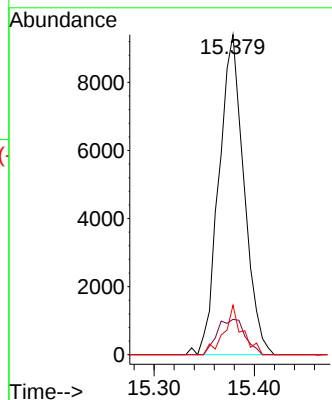
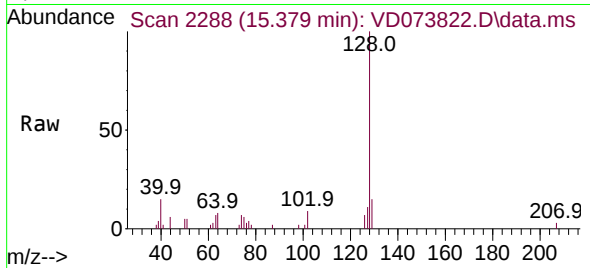




#95
Naphthalene
Concen: 4.722 ug/l
RT: 15.379 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:	128	Resp:	16302
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.3	15.5
129	11.2	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 5.015 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. -0.006 min
Lab File: VD073822.D
Acq: 11 Jul 2022 11:18

Tgt Ion:	180	Resp:	6822
Ion Ratio	Lower	Upper	
180	100		
182	88.4	47.4	142.3
145	39.6	18.9	56.9

