

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075317.D
 Acq On : 13 Feb 2023 09:20
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 14 01:13:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	55027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	84215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	79219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	40742	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	32092	49.737	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.480%
35) Dibromofluoromethane	7.805	113	31594	53.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.000%
50) Toluene-d8	10.269	98	113932	50.875	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.760%
62) 4-Bromofluorobenzene	12.575	95	39453	53.429	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	21317	48.003	ug/l	98
3) Chloromethane	2.146	50	38730	50.926	ug/l	100
4) Vinyl Chloride	2.281	62	42363	46.275	ug/l	99
5) Bromomethane	2.687	94	26398	45.068	ug/l	99
6) Chloroethane	2.828	64	30953	49.011	ug/l	97
7) Trichlorofluoromethane	3.176	101	54411	47.802	ug/l	99
8) Diethyl Ether	3.593	74	15285	49.953	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.970	101	32855	50.865	ug/l	99
10) Methyl Iodide	4.164	142	37863	48.435	ug/l	93
11) Tert butyl alcohol	5.052	59	8367	217.744	ug/l #	81
12) 1,1-Dichloroethene	3.940	96	29013	47.108	ug/l	94
13) Acrolein	3.799	56	5017	254.067	ug/l	88
14) Allyl chloride	4.564	41	49871	48.669	ug/l	93
15) Acrylonitrile	5.252	53	34884	245.925	ug/l	99
16) Acetone	4.023	43	46989	275.411	ug/l	98
17) Carbon Disulfide	4.270	76	88121	46.378	ug/l	99
18) Methyl Acetate	4.558	43	22141	48.742	ug/l	96
19) Methyl tert-butyl Ether	5.311	73	70365	49.763	ug/l	97
20) Methylene Chloride	4.805	84	34668	47.986	ug/l	94
21) trans-1,2-Dichloroethene	5.311	96	34071	48.887	ug/l	98
22) Diisopropyl ether	6.216	45	107861	52.920	ug/l	93
23) Vinyl Acetate	6.158	43	202882m	291.661	ug/l	
24) 1,1-Dichloroethane	6.117	63	63171	49.712	ug/l	97
25) 2-Butanone	7.081	43	53684	253.941	ug/l	97
26) 2,2-Dichloropropane	7.075	77	57146	50.806	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	38276	49.090	ug/l	97
28) Bromochloromethane	7.428	49	17205	54.628	ug/l	85
29) Tetrahydrofuran	7.446	42	29295	257.339	ug/l	97
30) Chloroform	7.599	83	66127	50.559	ug/l	94
31) Cyclohexane	7.875	56	53580	46.765	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	59861	51.166	ug/l	98
36) 1,1-Dichloropropene	8.005	75	48889	53.147	ug/l	99
37) Ethyl Acetate	7.169	43	20693	51.580	ug/l	97
38) Carbon Tetrachloride	7.993	117	51160	60.019	ug/l	99
39) Methylcyclohexane	9.275	83	55889	52.490	ug/l	96
40) Benzene	8.252	78	137632	53.235	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	11960	49.974	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	41239	55.095	ug/l	98
43) Isopropyl Acetate	8.358	43	41848	54.591	ug/l #	83
44) Trichloroethene	9.028	130	36600	51.356	ug/l	99
45) 1,2-Dichloropropane	9.305	63	35529	54.111	ug/l	100
46) Dibromomethane	9.393	93	19337	53.144	ug/l	97
47) Bromodichloromethane	9.581	83	49815	55.009	ug/l	98
48) Methyl methacrylate	9.381	41	19441	53.401	ug/l	91
49) 1,4-Dioxane	9.387	88	3891	1119.183	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	107284	276.829	ug/l	95
52) Toluene	10.334	92	88852	54.563	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	41827	53.323	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	49774	53.074	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	26076	56.140	ug/l	96
56) Ethyl methacrylate	10.599	69	30533	56.544	ug/l	93
57) 1,3-Dichloropropane	10.881	76	43482	54.953	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	22661	150.965	ug/l	98
59) 2-Hexanone	10.922	43	80480	284.245	ug/l	95
60) Dibromochloromethane	11.075	129	31965	55.546	ug/l	99
61) 1,2-Dibromoethane	11.181	107	24654	55.047	ug/l	98
64) Tetrachloroethene	10.810	164	31820	52.153	ug/l	93
65) Chlorobenzene	11.610	112	92856	51.976	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	35026	53.850	ug/l	96
67) Ethyl Benzene	11.687	91	173564	52.623	ug/l	99
68) m/p-Xylenes	11.793	106	135122	107.699	ug/l	100
69) o-Xylene	12.122	106	61599	52.562	ug/l	94
70) Styrene	12.140	104	107434	54.118	ug/l	99
71) Bromoform	12.299	173	18452	52.814	ug/l #	98
73) Isopropylbenzene	12.422	105	171639	52.003	ug/l	99
74) N-amyl acetate	12.234	43	38200	51.505	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	28797	50.149	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	24082m	52.039	ug/l	
77) Bromobenzene	12.704	156	37336	49.955	ug/l	95
78) n-propylbenzene	12.769	91	212527	51.749	ug/l	98
79) 2-Chlorotoluene	12.851	91	115082	51.086	ug/l	98
80) 1,3,5-Trimethylbenzene	12.910	105	142470	51.842	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	6503	45.797	ug/l	93
82) 4-Chlorotoluene	12.951	91	122435	52.102	ug/l	98
83) tert-Butylbenzene	13.169	119	129913	54.833	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	142863	52.048	ug/l	99
85) sec-Butylbenzene	13.351	105	191081	52.573	ug/l	99
86) p-Isopropyltoluene	13.463	119	158080	53.168	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	77194	51.101	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	77949	51.568	ug/l	99
89) n-Butylbenzene	13.793	91	151565	52.216	ug/l	98
90) Hexachloroethane	14.057	117	29532	50.382	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	68522	52.278	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4506	50.592	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	42287	51.513	ug/l	98
94) Hexachlorobutadiene	15.210	225	22374	51.659	ug/l	98
95) Naphthalene	15.340	128	77745	50.883	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	35404	49.985	ug/l	97

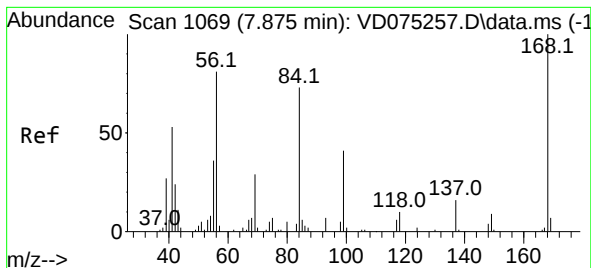
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Response via : Initial Calibration

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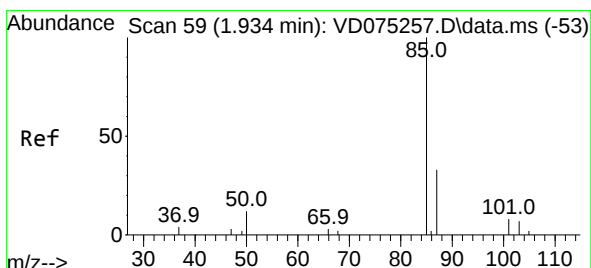
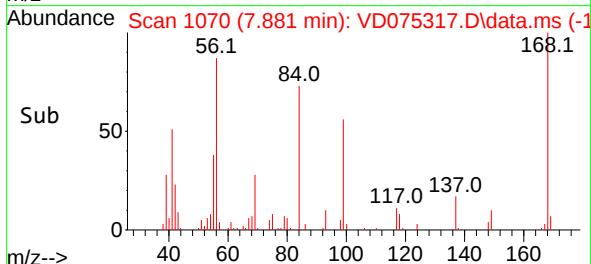
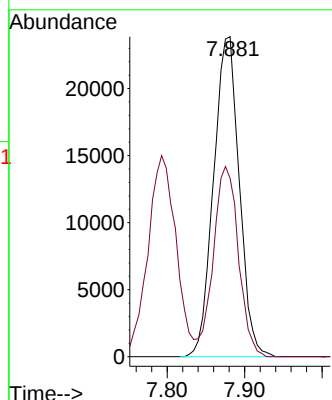
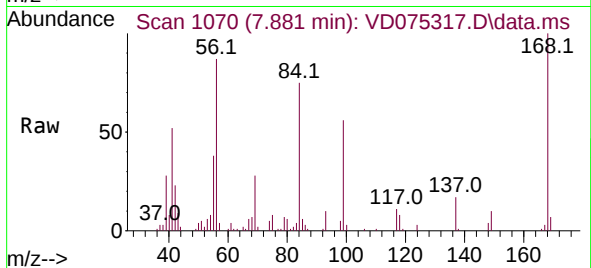
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

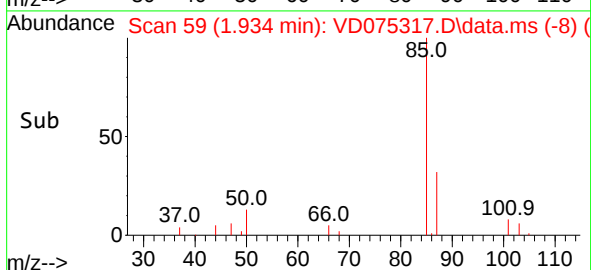
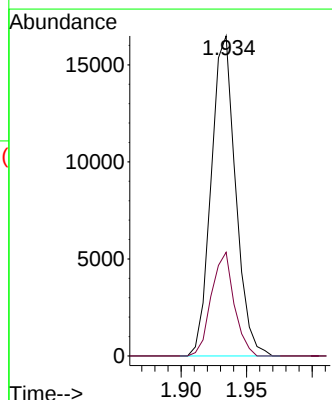
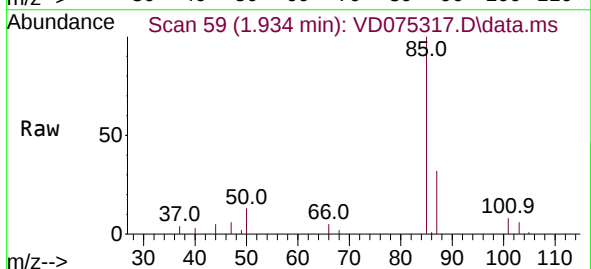
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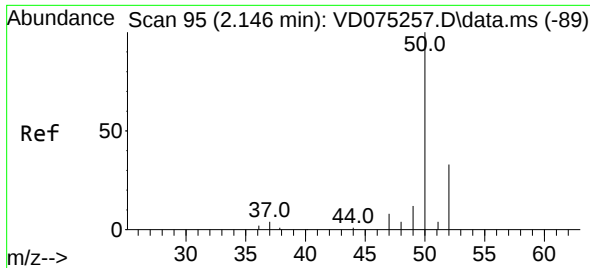
Tgt Ion:168 Resp: 55027
Ion Ratio Lower Upper
168 100
99 55.7 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 48.003 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

Tgt Ion: 85 Resp: 21317
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.0

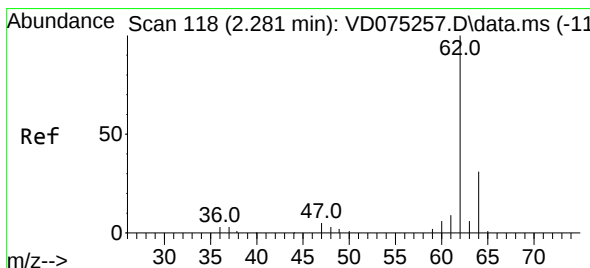
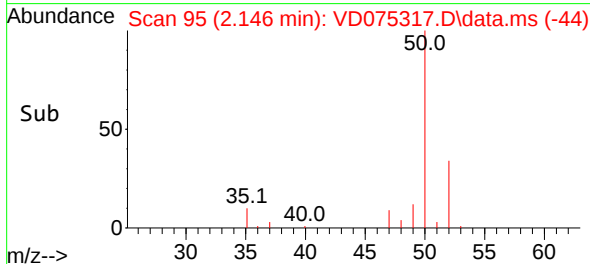
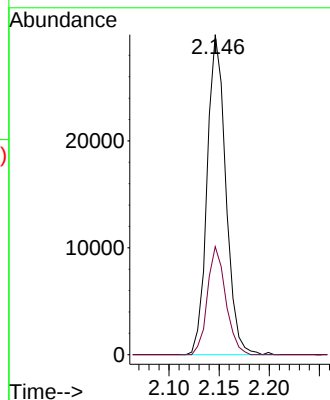
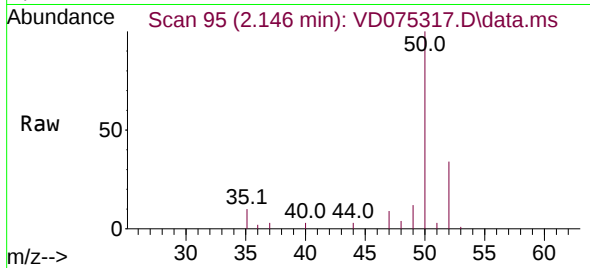




#3
Chloromethane
Concen: 50.926 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

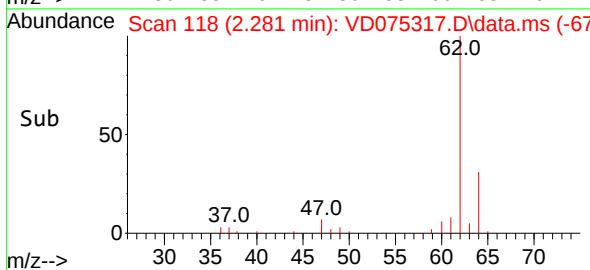
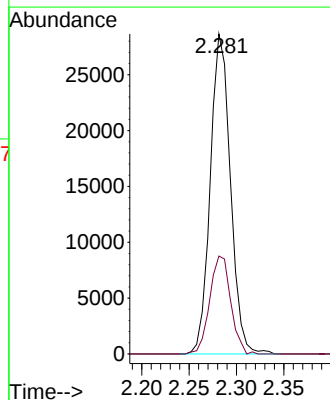
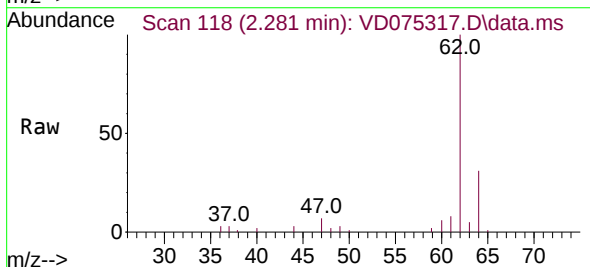
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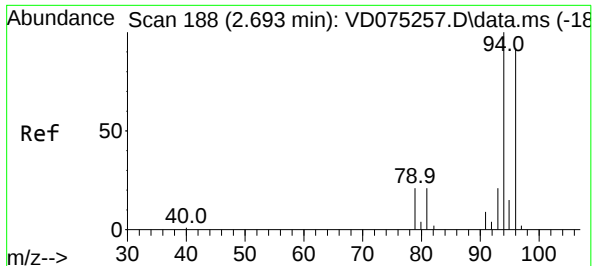
Tgt Ion: 50 Resp: 38730
Ion Ratio Lower Upper
50 100
52 33.7 27.0 40.6



#4
Vinyl Chloride
Concen: 46.275 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

Tgt Ion: 62 Resp: 42363
Ion Ratio Lower Upper
62 100
64 30.6 24.8 37.2

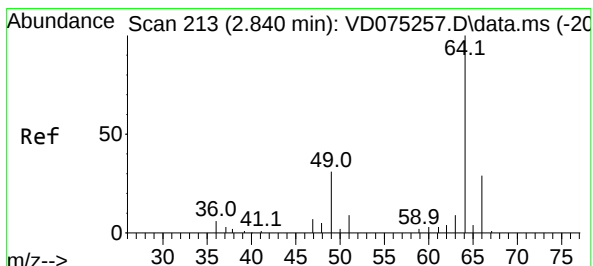
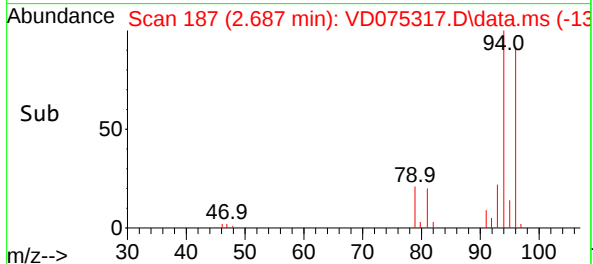
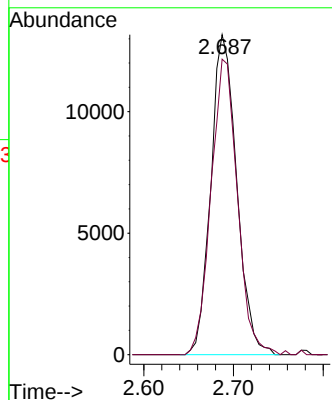
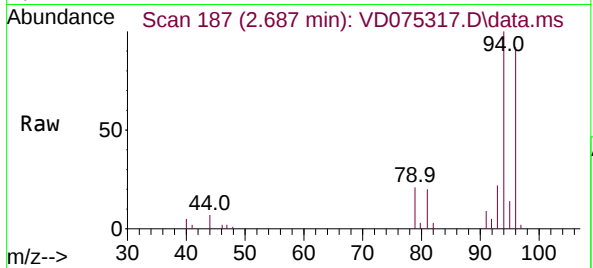




#5
Bromomethane
Concen: 45.068 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

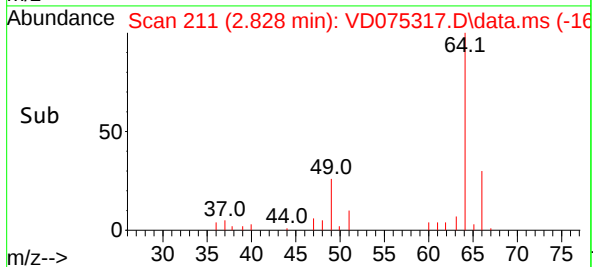
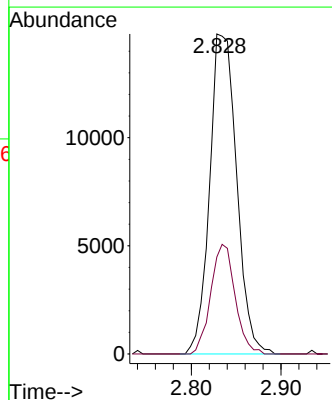
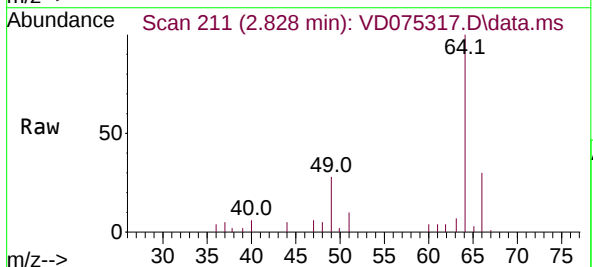
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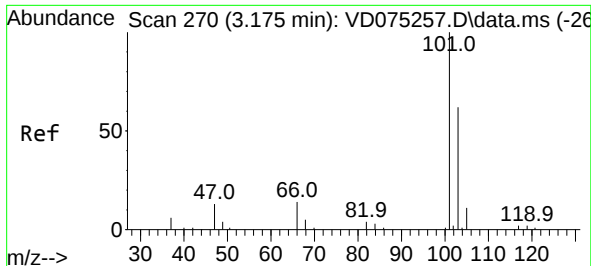
Tgt Ion: 94 Resp: 26398
Ion Ratio Lower Upper
94 100
96 94.2 74.8 112.2



#6
Chloroethane
Concen: 49.011 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

Tgt Ion: 64 Resp: 30953
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.2

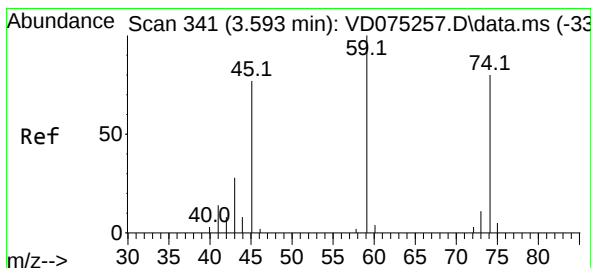
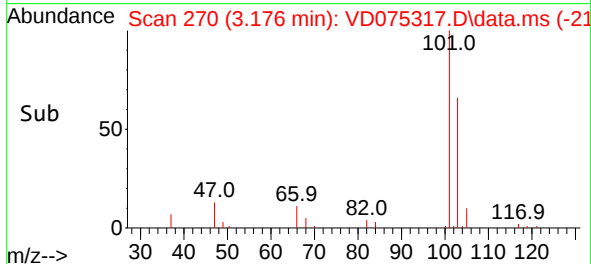
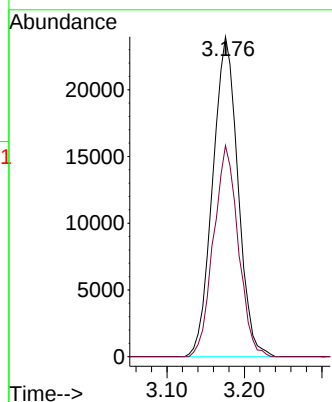
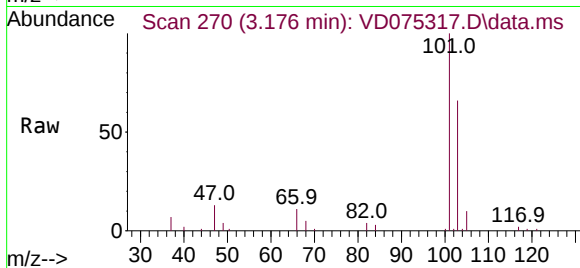




#7
 Trichlorofluoromethane
 Concen: 47.802 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VD075317.D
 Acq: 13 Feb 2023 09:20

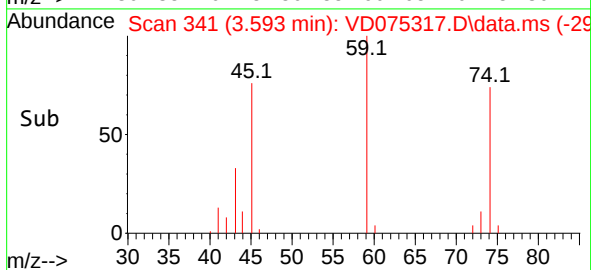
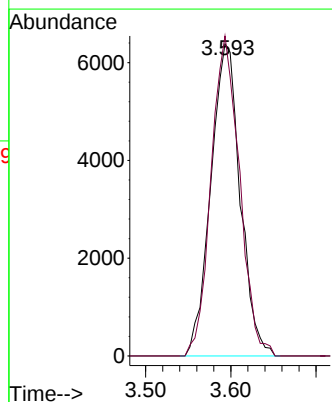
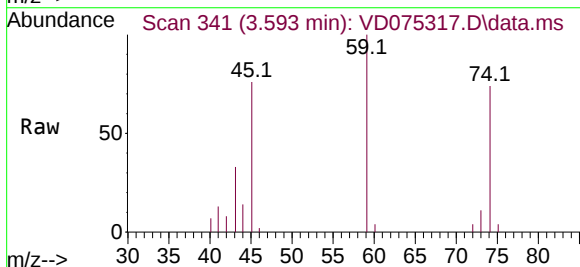
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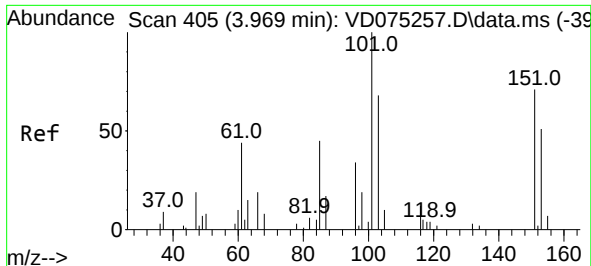
Tgt Ion:101 Resp: 54411
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.2 78.4



#8
 Diethyl Ether
 Concen: 49.953 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD075317.D
 Acq: 13 Feb 2023 09:20

Tgt Ion: 74 Resp: 15285
 Ion Ratio Lower Upper
 74 100
 45 99.3 49.8 149.3

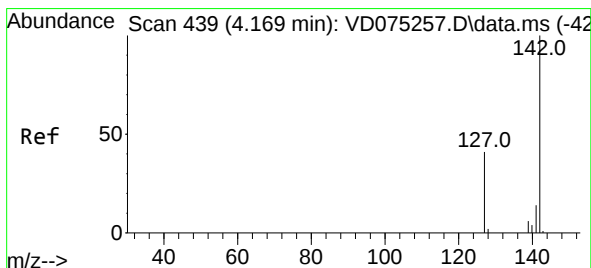
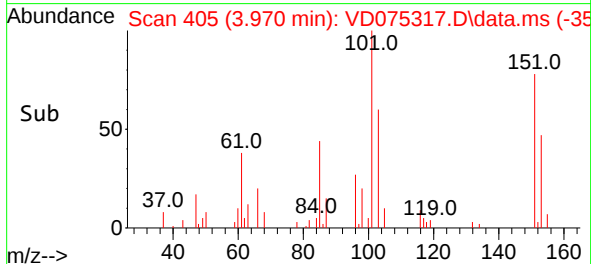
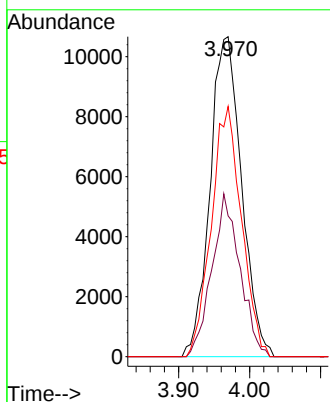
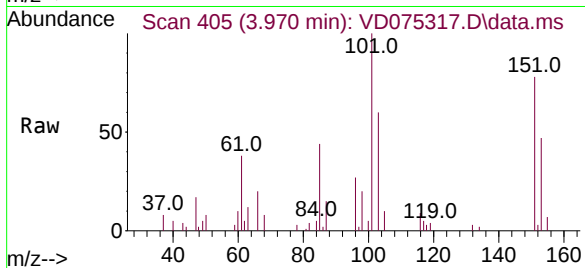




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.865 ug/l
 RT: 3.970 min Scan# 405
 Delta R.T. 0.001 min
 Lab File: VD075317.D
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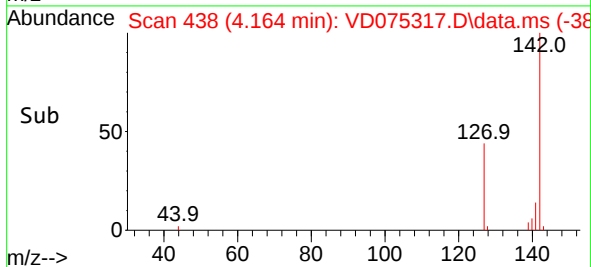
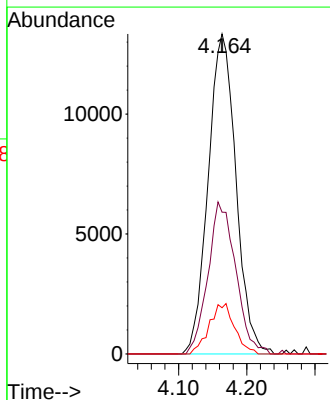
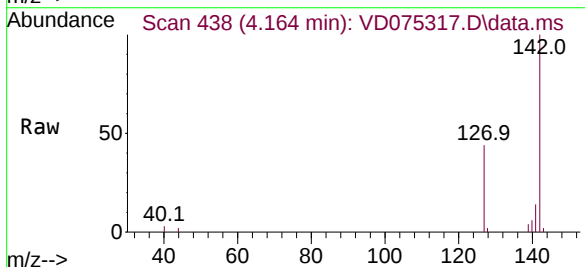
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 MSVOA_D
 ClientSampleId :
 VSTDCCC050

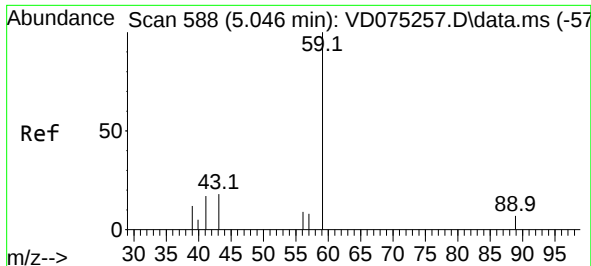
Tgt Ion:	101	Resp:	32855
Ion	Ratio	Lower	Upper
101	100		
85	45.3	36.9	55.3
151	74.7	58.9	88.3



#10
 Methyl Iodide
 Concen: 48.435 ug/l
 RT: 4.164 min Scan# 438
 Delta R.T. -0.005 min
 Lab File: VD075317.D
 Acq: 13 Feb 2023 09:20

Tgt Ion:	142	Resp:	37863
Ion	Ratio	Lower	Upper
142	100		
127	47.3	33.6	50.4
141	14.4	11.1	16.7

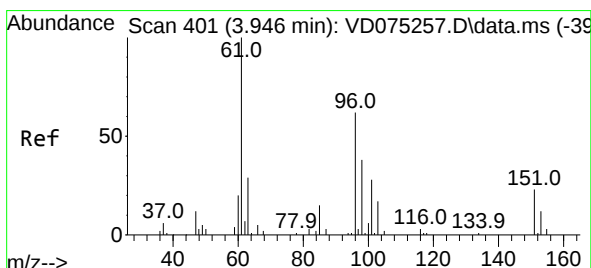
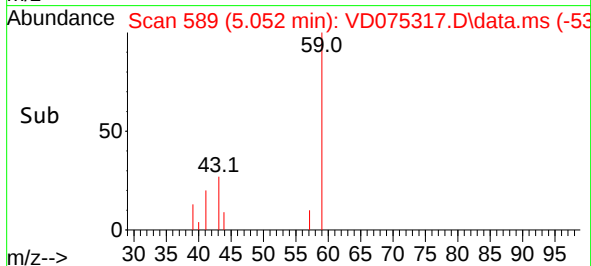
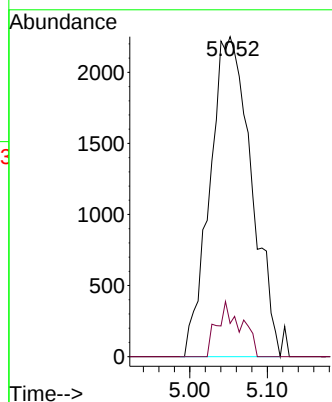
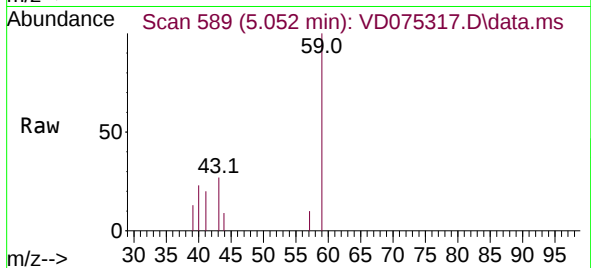




#11
Tert butyl alcohol
Concen: 217.744 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

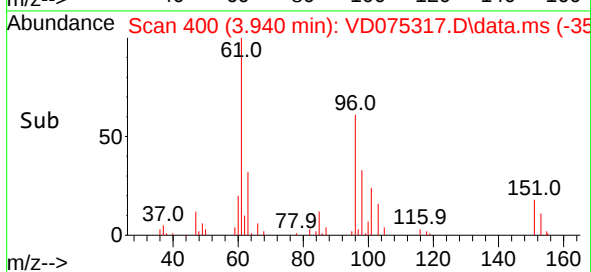
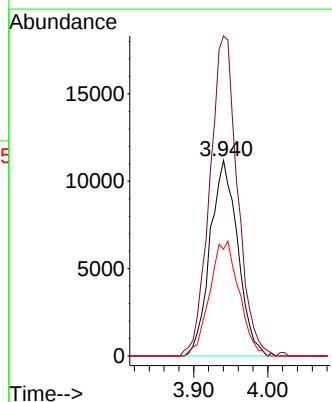
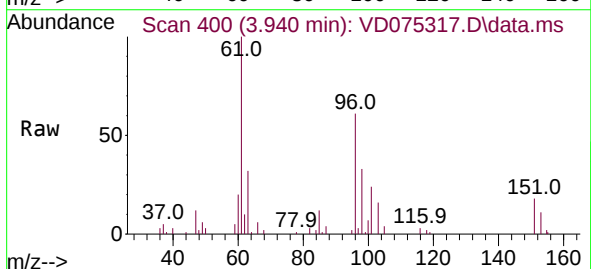
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

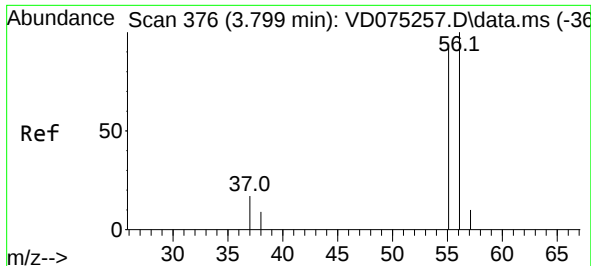
Tgt Ion: 59 Resp: 8367
Ion Ratio Lower Upper
59 100
57 10.0 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 47.108 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

Tgt Ion: 96 Resp: 29013
Ion Ratio Lower Upper
96 100
61 163.7 126.8 190.2
98 54.6 50.4 75.6





#13

Acrolein

Concen: 254.067 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

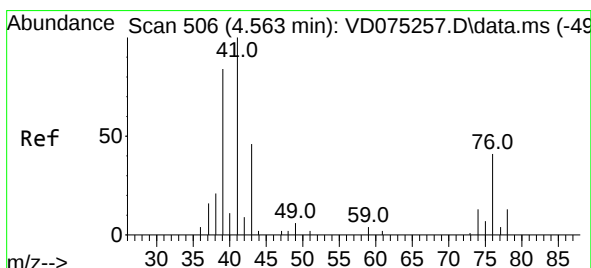
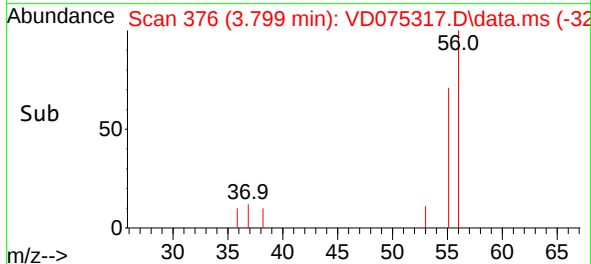
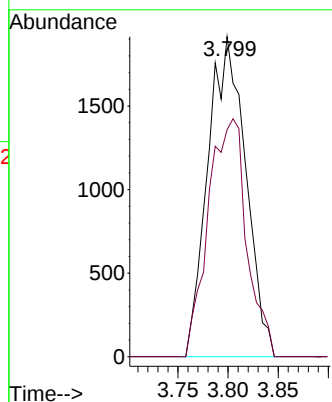
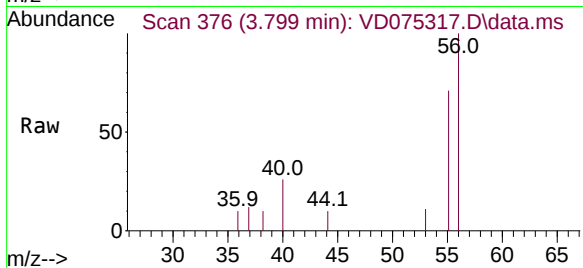
VSTDCCC050

Tgt Ion: 56 Resp: 5017

Ion Ratio Lower Upper

56 100

55 75.6 53.0 79.6



#14

Allyl chloride

Concen: 48.669 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.001 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

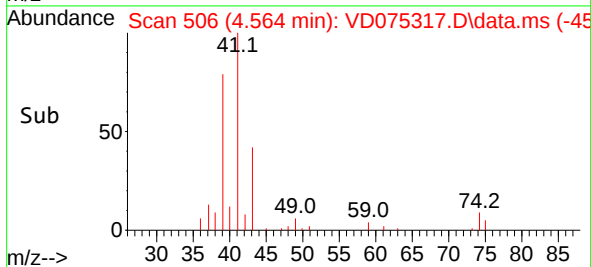
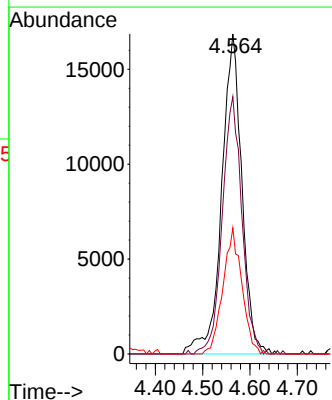
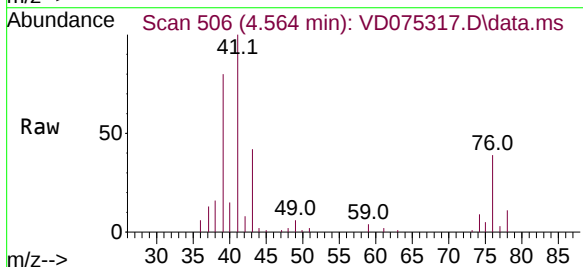
Tgt Ion: 41 Resp: 49871

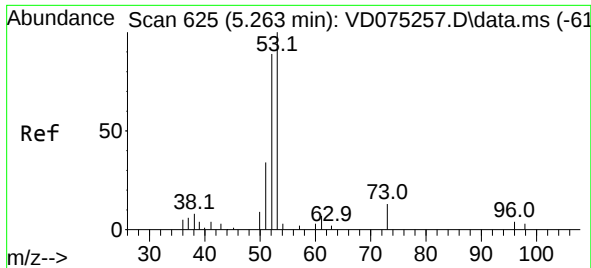
Ion Ratio Lower Upper

41 100

39 78.0 55.4 83.0

76 36.9 30.2 45.2





#15

Acrylonitrile

Concen: 245.925 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.011 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

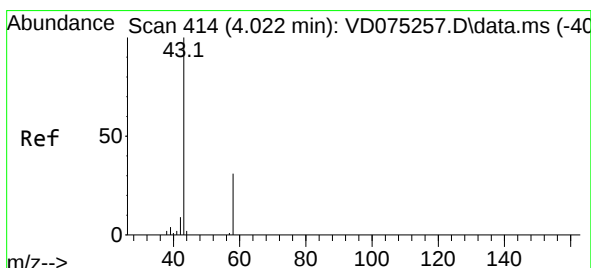
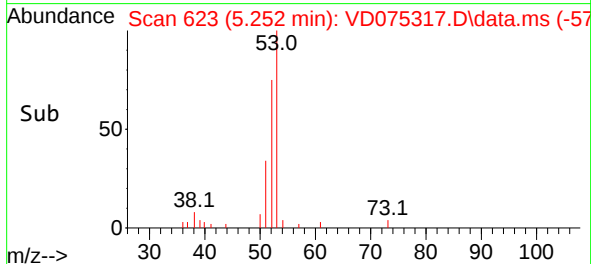
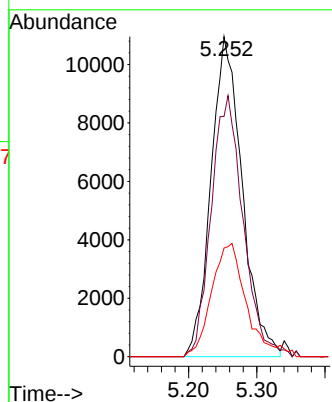
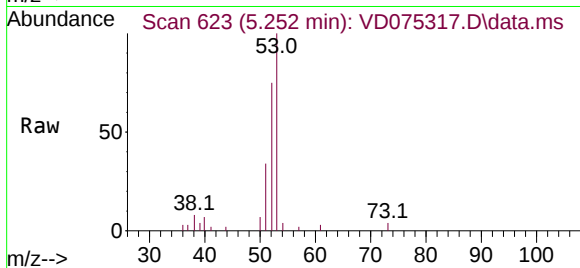
Tgt Ion: 53 Resp: 34884

Ion Ratio Lower Upper

53 100

52 83.3 67.0 100.6

51 39.5 30.1 45.1



#16

Acetone

Concen: 275.411 ug/l

RT: 4.023 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD075317.D

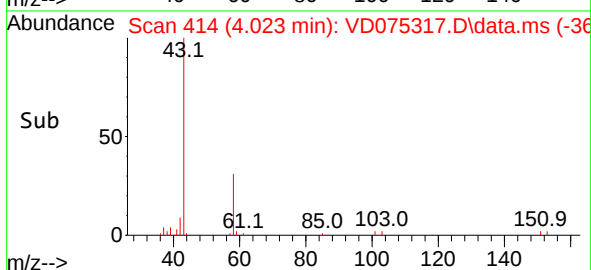
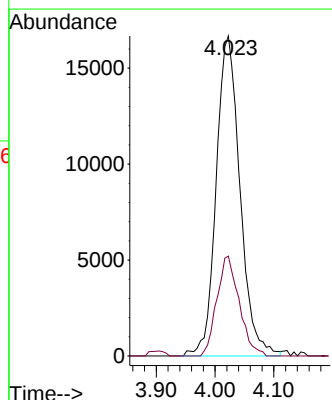
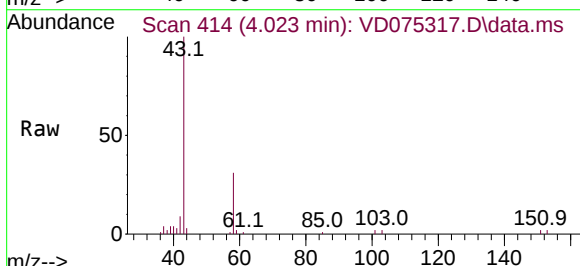
Acq: 13 Feb 2023 09:20

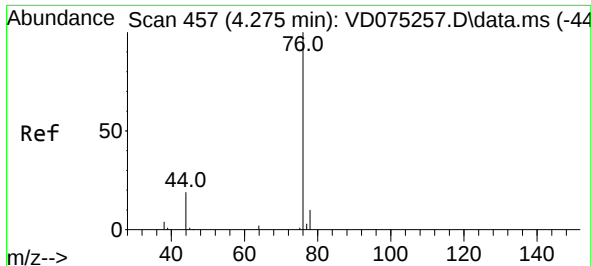
Tgt Ion: 43 Resp: 46989

Ion Ratio Lower Upper

43 100

58 31.2 26.0 39.0





#17

Carbon Disulfide

Concen: 46.378 ug/l

RT: 4.270 min Scan# 41

Delta R.T. -0.005 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

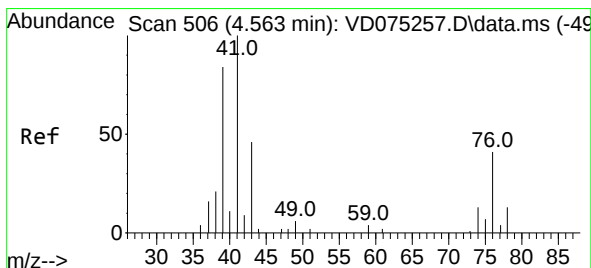
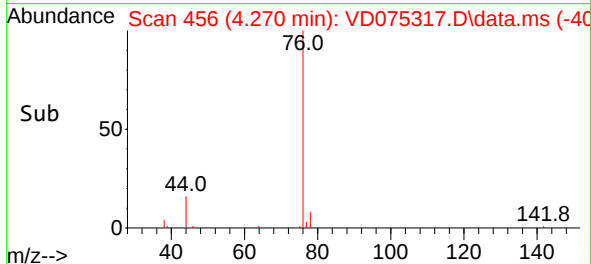
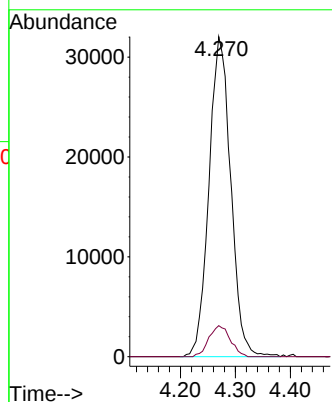
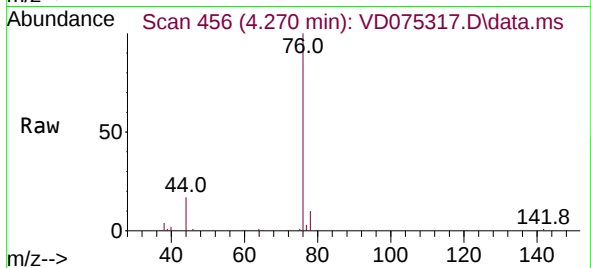
VSTDCCC050

Tgt Ion: 76 Resp: 88121

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0



#18

Methyl Acetate

Concen: 48.742 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD075317.D

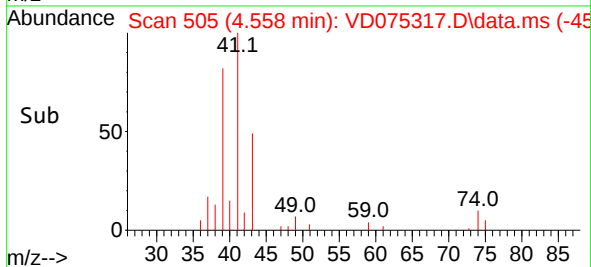
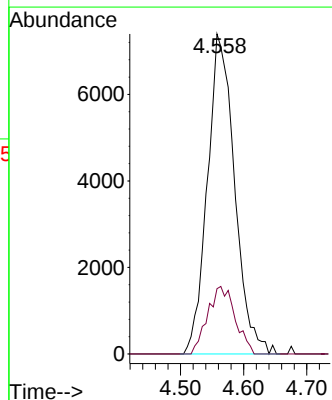
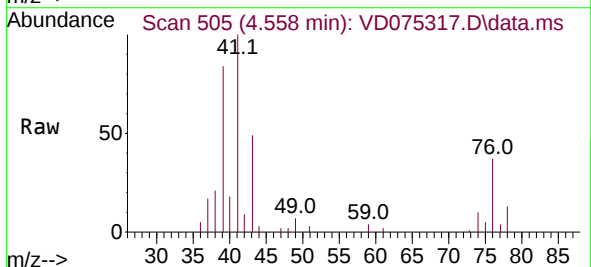
Acq: 13 Feb 2023 09:20

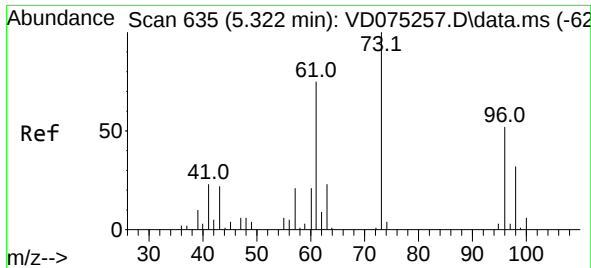
Tgt Ion: 43 Resp: 22141

Ion Ratio Lower Upper

43 100

74 21.3 18.5 27.7

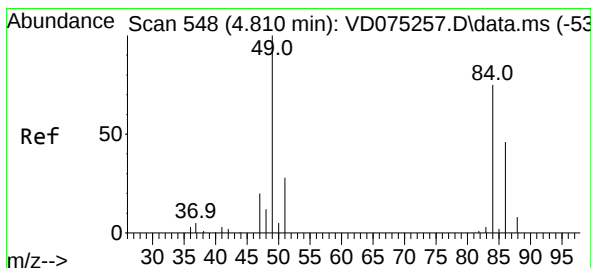
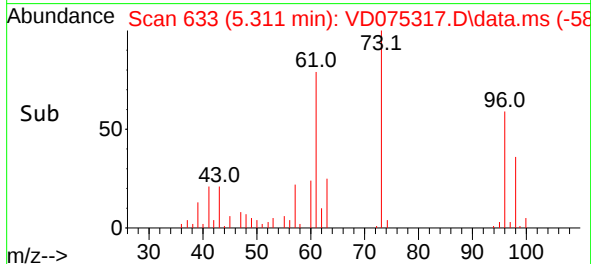
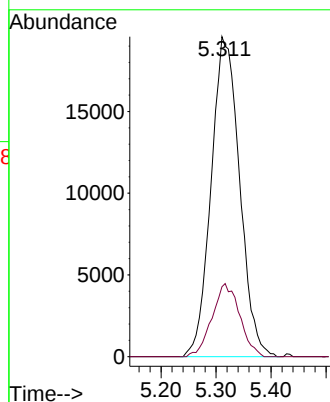
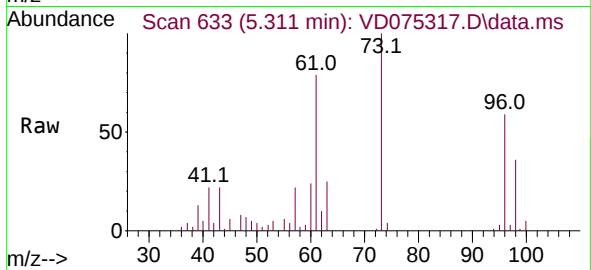




#19
Methyl tert-butyl Ether
Concen: 49.763 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

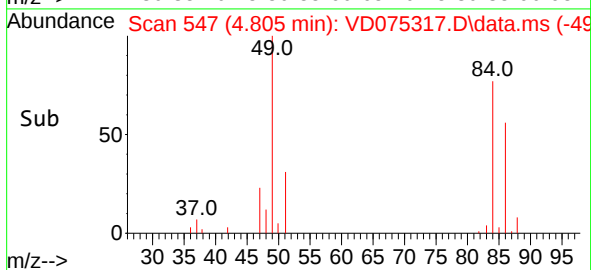
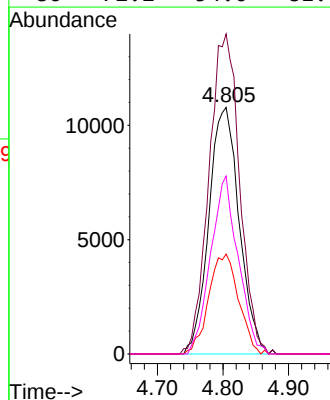
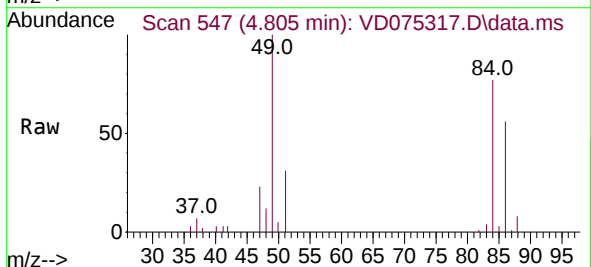
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

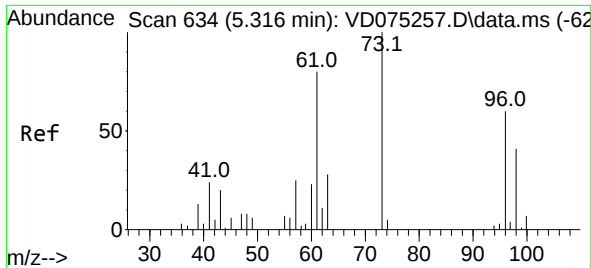
Tgt Ion: 73 Resp: 70365
Ion Ratio Lower Upper
73 100
57 21.9 18.5 27.7



#20
Methylene Chloride
Concen: 47.986 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.005 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

Tgt Ion: 84 Resp: 34668
Ion Ratio Lower Upper
84 100
49 129.8 97.0 145.6
51 40.5 30.9 46.3
86 72.2 54.0 81.0

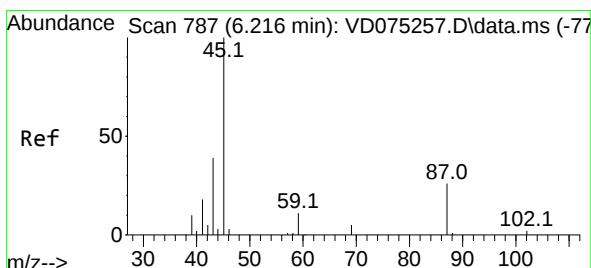
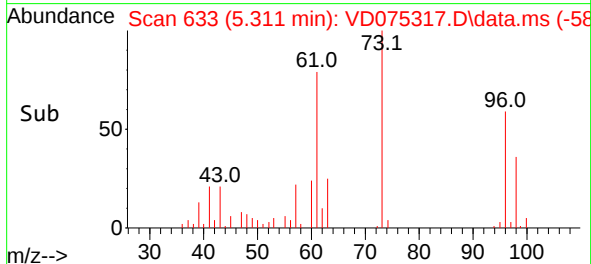
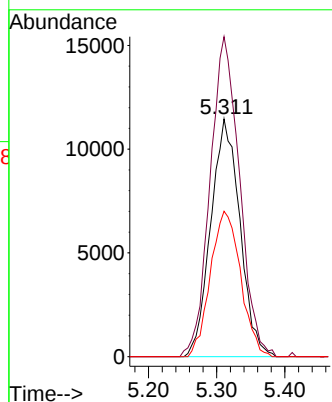
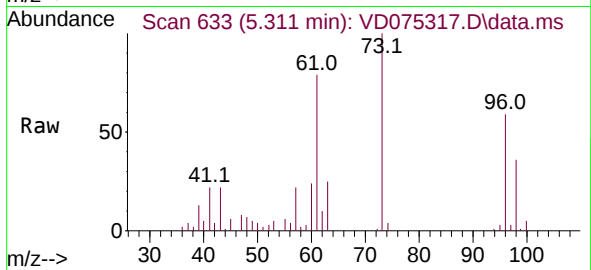




#21
trans-1,2-Dichloroethene
Concen: 48.887 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

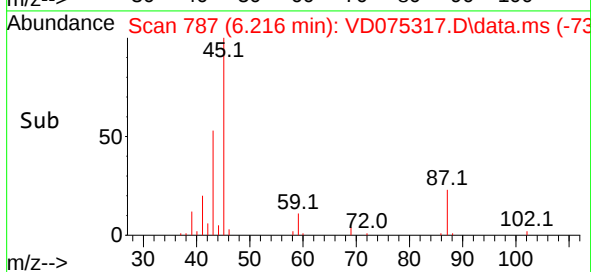
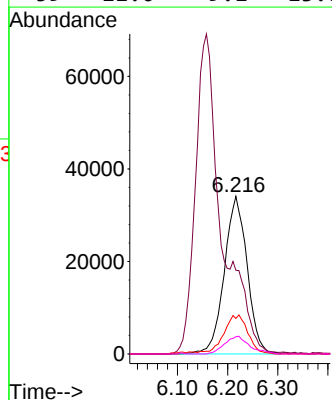
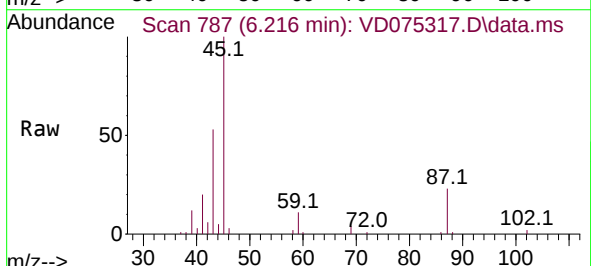
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

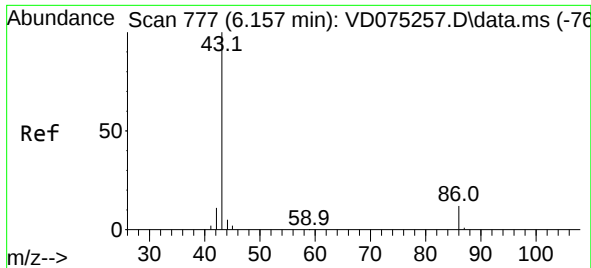
Tgt Ion: 96 Resp: 34071
Ion Ratio Lower Upper
96 100
61 134.6 105.7 158.5
98 61.1 50.4 75.6



#22
Diisopropyl ether
Concen: 52.920 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

Tgt Ion: 45 Resp: 107861
Ion Ratio Lower Upper
45 100
43 52.1 45.3 67.9
87 22.6 22.1 33.1
59 11.0 9.1 13.7

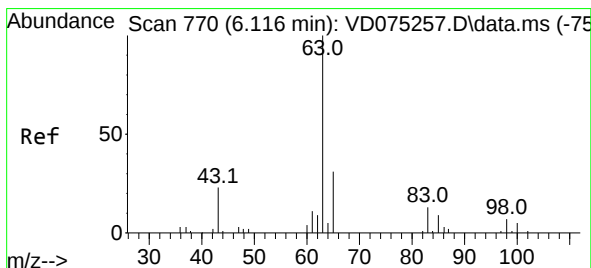
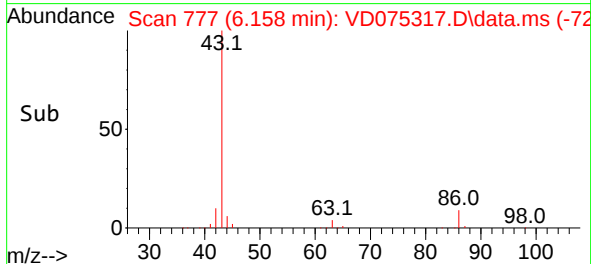
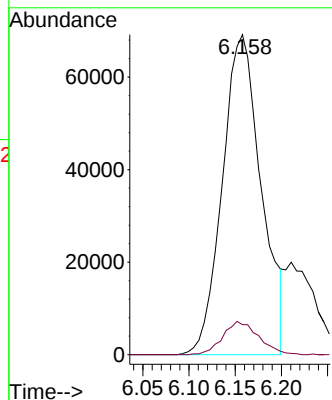
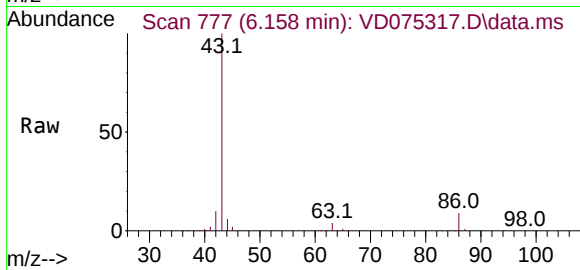




#23
 Vinyl Acetate
 Concen: 291.661 ug/l m
 RT: 6.158 min Scan# 777
 Delta R.T. 0.001 min
 Lab File: VD075317.D
 Acq: 13 Feb 2023 09:20

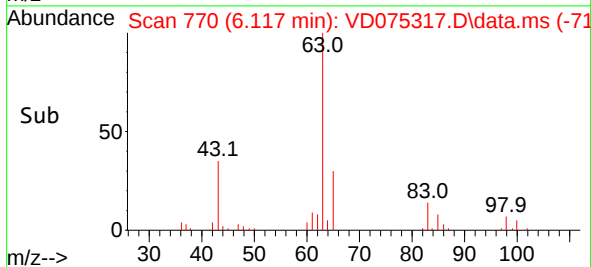
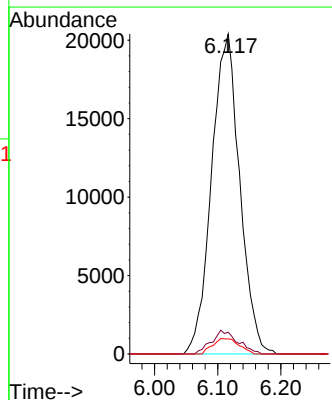
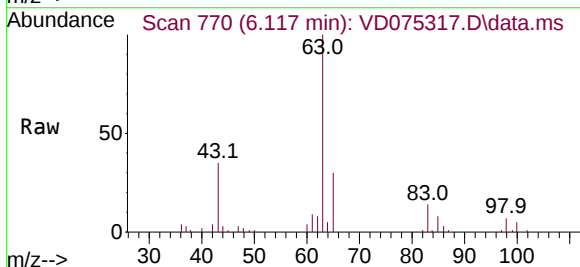
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

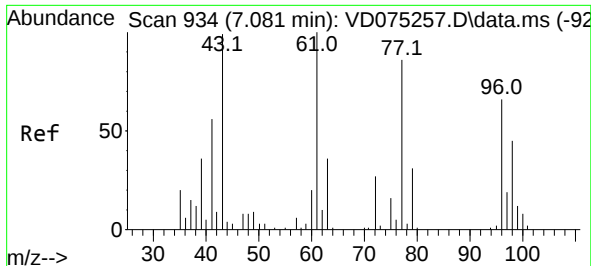
Tgt Ion: 43 Resp: 202882
 Ion Ratio Lower Upper
 43 100
 86 9.4 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 49.712 ug/l
 RT: 6.117 min Scan# 770
 Delta R.T. 0.001 min
 Lab File: VD075317.D
 Acq: 13 Feb 2023 09:20

Tgt Ion: 63 Resp: 63171
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 12.2
 100 4.7 2.5 7.4





#25

2-Butanone

Concen: 253.941 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

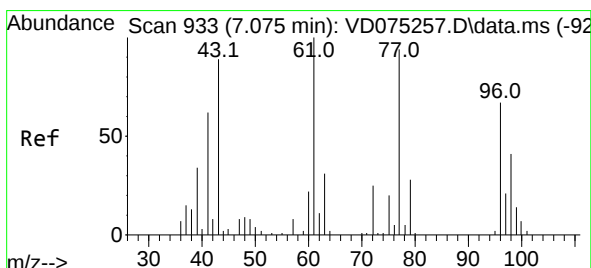
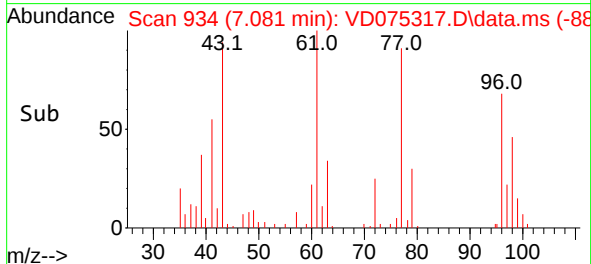
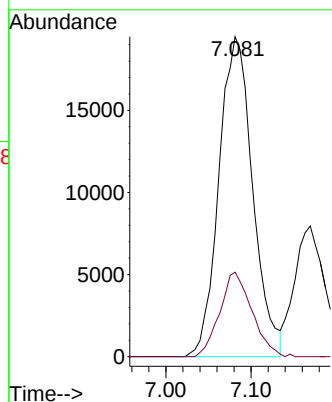
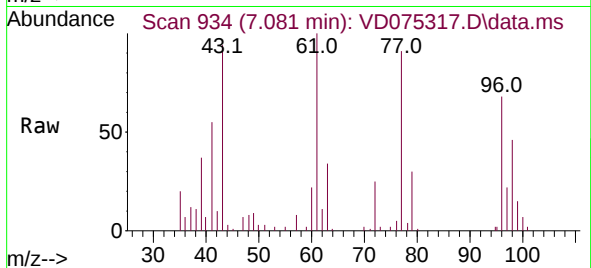
VSTDCCC050

Tgt Ion: 43 Resp: 53684

Ion Ratio Lower Upper

43 100

72 26.4 19.8 29.8



#26

2,2-Dichloropropane

Concen: 50.806 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD075317.D

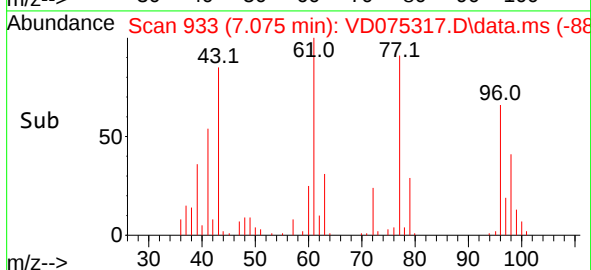
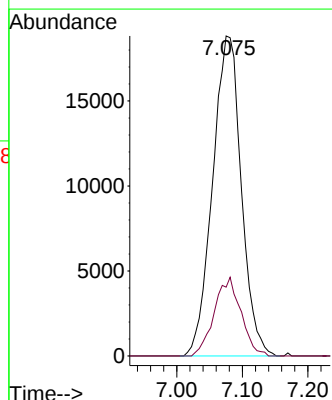
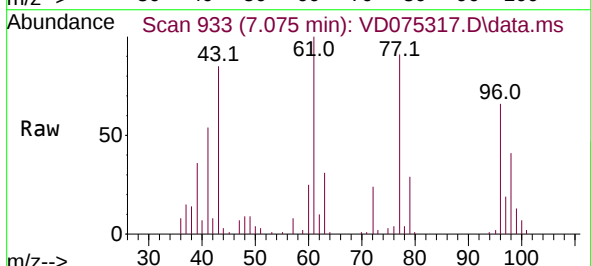
Acq: 13 Feb 2023 09:20

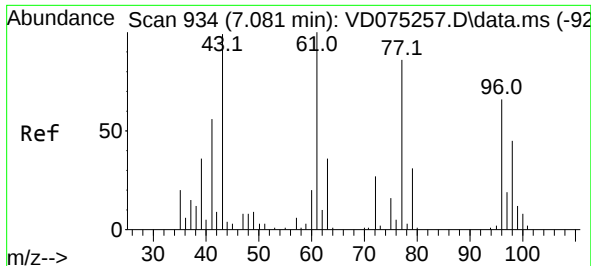
Tgt Ion: 77 Resp: 57146

Ion Ratio Lower Upper

77 100

97 22.9 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 49.090 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

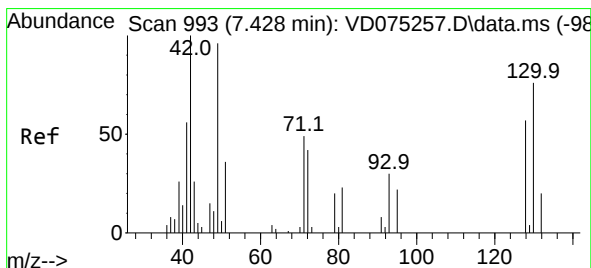
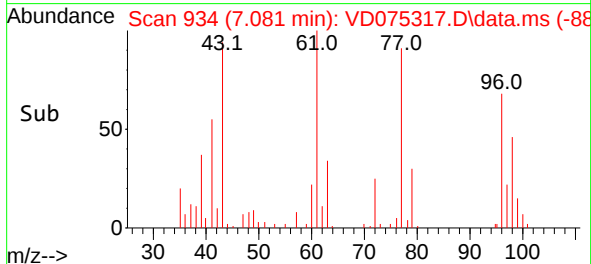
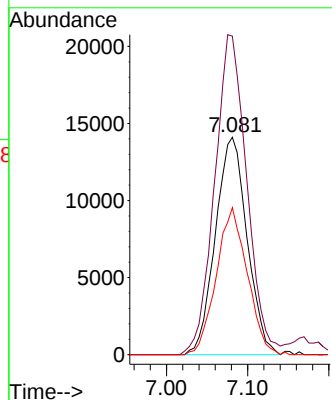
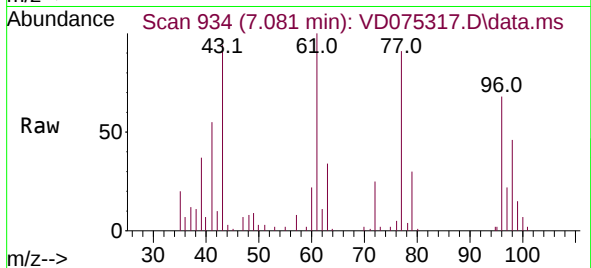
Tgt Ion: 96 Resp: 38276

Ion Ratio Lower Upper

96 100

61 149.0 0.0 287.4

98 66.1 0.0 129.8



#28

Bromochloromethane

Concen: 54.628 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

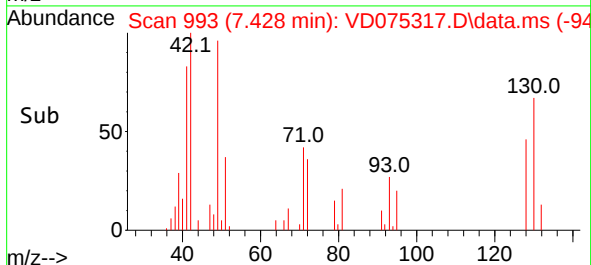
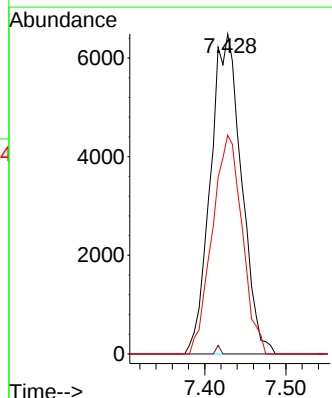
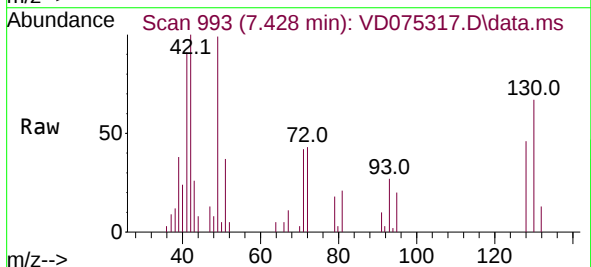
Tgt Ion: 49 Resp: 17205

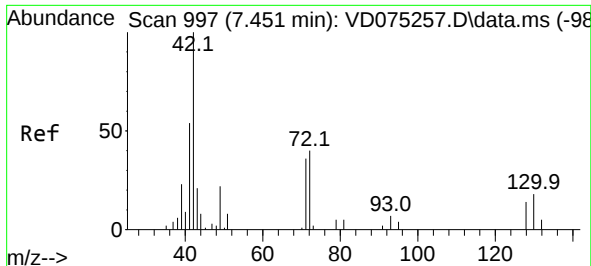
Ion Ratio Lower Upper

49 100

129 0.4 0.0 2.6

130 65.9 63.6 95.4





#29

Tetrahydrofuran

Concen: 257.339 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.005 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

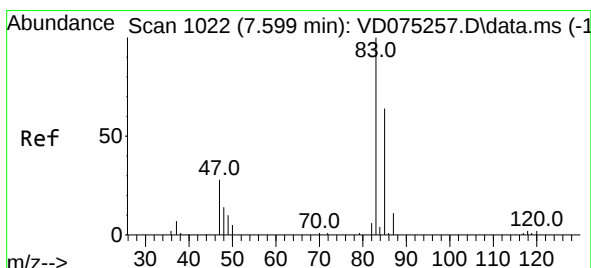
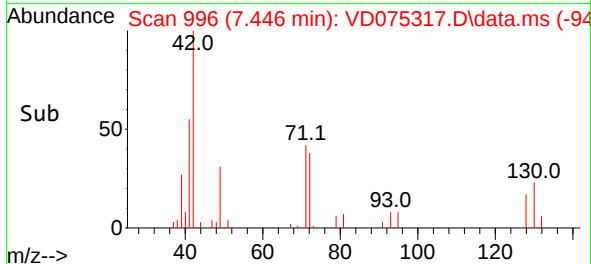
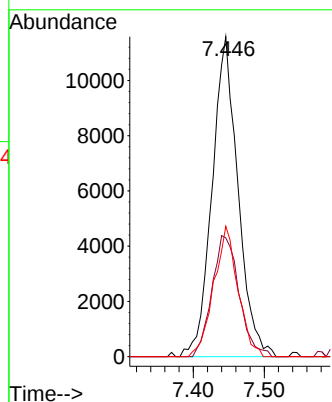
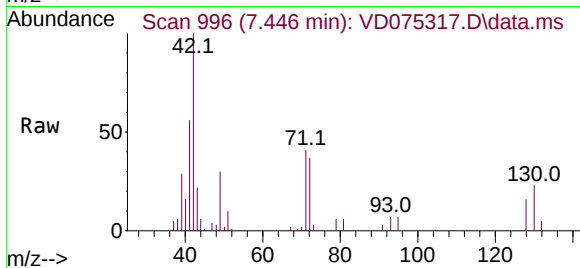
Tgt Ion: 42 Resp: 29295

Ion Ratio Lower Upper

42 100

72 39.7 33.8 50.8

71 38.0 31.6 47.4



#30

Chloroform

Concen: 50.559 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075317.D

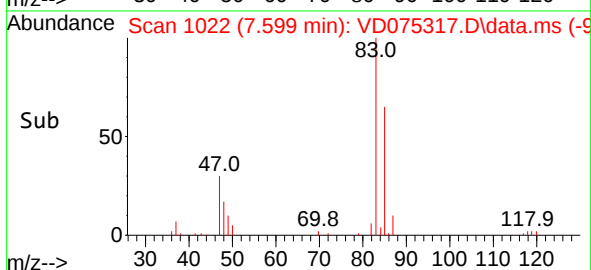
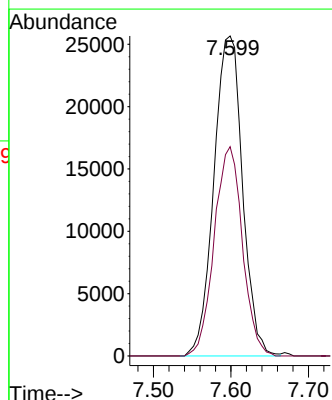
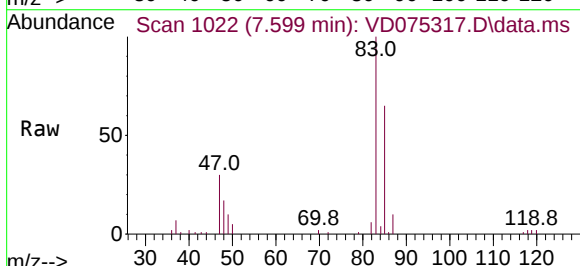
Acq: 13 Feb 2023 09:20

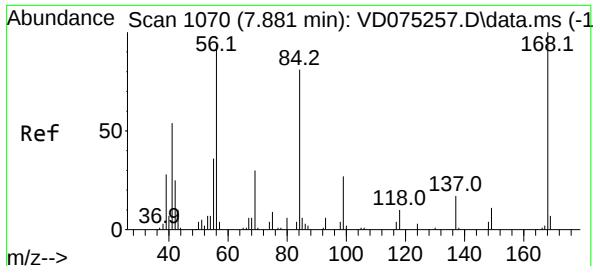
Tgt Ion: 83 Resp: 66127

Ion Ratio Lower Upper

83 100

85 65.4 48.5 72.7

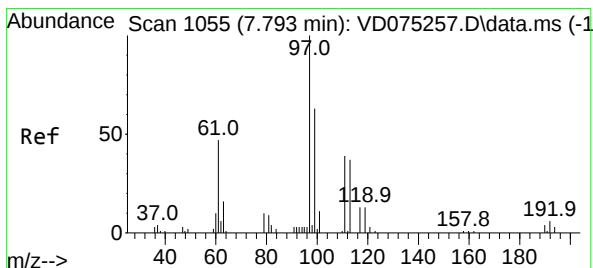
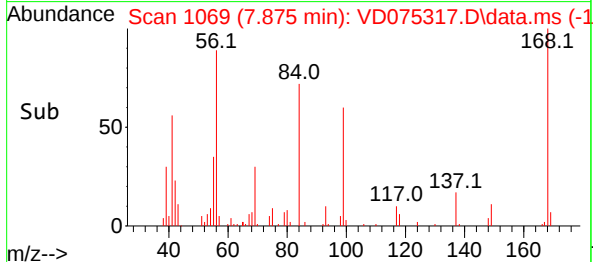
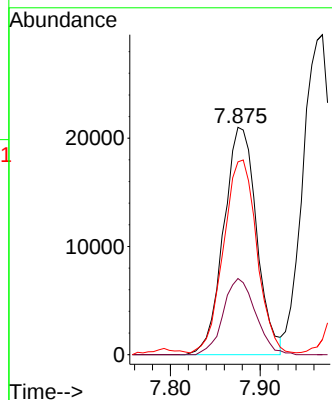
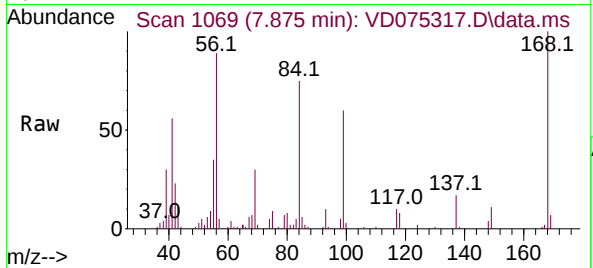




#31
Cyclohexane
Concen: 46.765 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

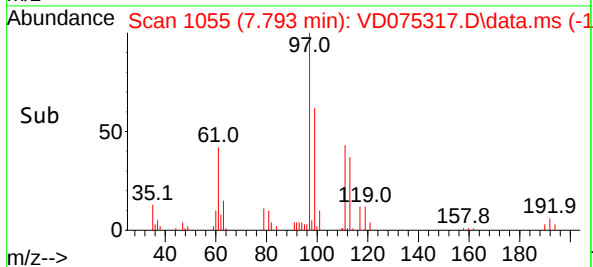
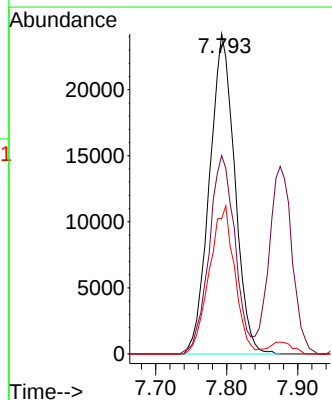
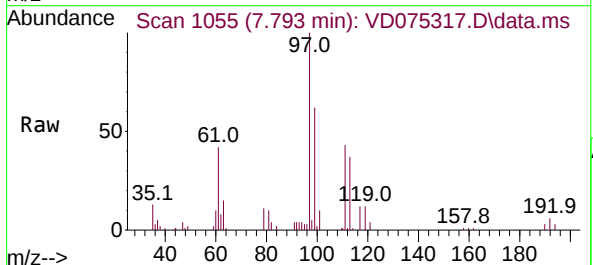
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

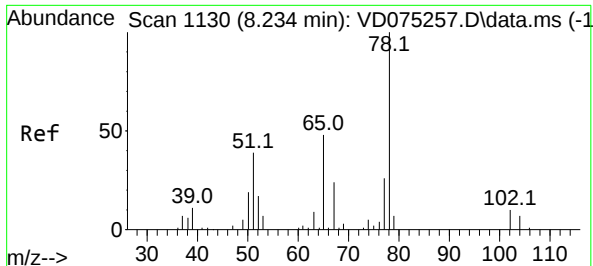
Tgt Ion: 56 Resp: 53580
Ion Ratio Lower Upper
56 100
69 33.5 26.6 40.0
84 83.1 74.1 111.1



#32
1,1,1-Trichloroethane
Concen: 51.166 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

Tgt Ion: 97 Resp: 59861
Ion Ratio Lower Upper
97 100
99 63.3 51.7 77.5
61 46.8 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 49.737 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

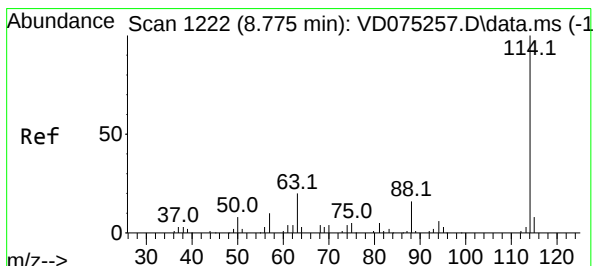
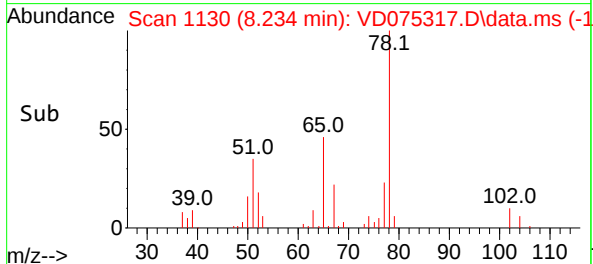
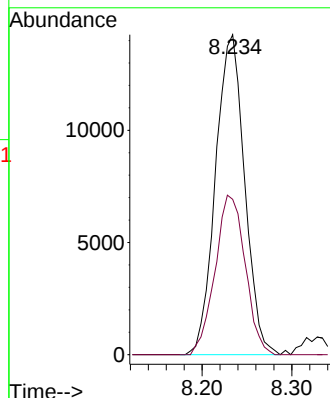
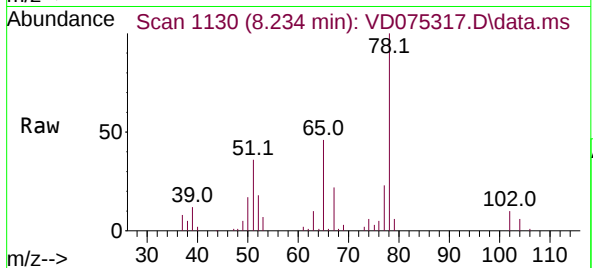
VSTDCCC050

Tgt Ion: 65 Resp: 32092

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

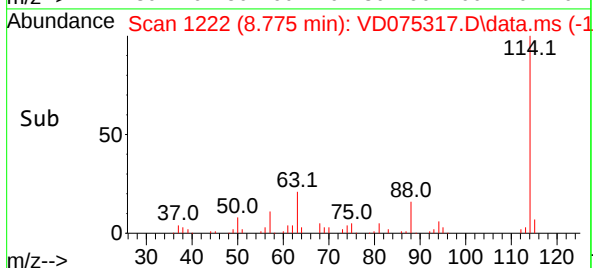
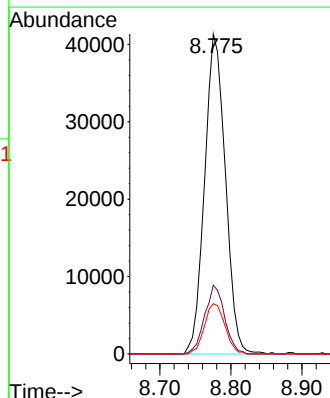
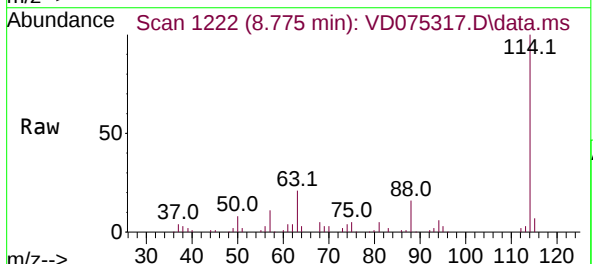
Tgt Ion: 114 Resp: 84215

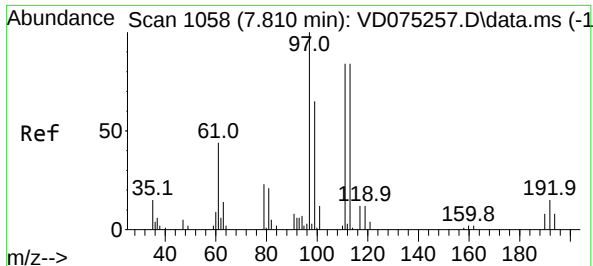
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.2

88 15.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 53.503 ug/l

RT: 7.805 min Scan# 1091

Delta R.T. -0.005 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

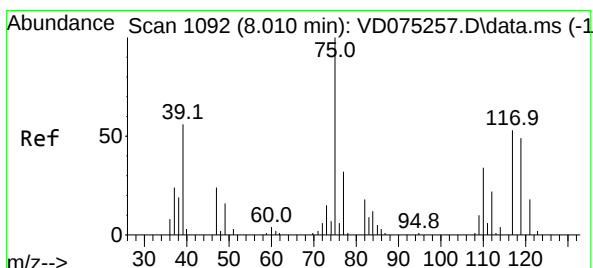
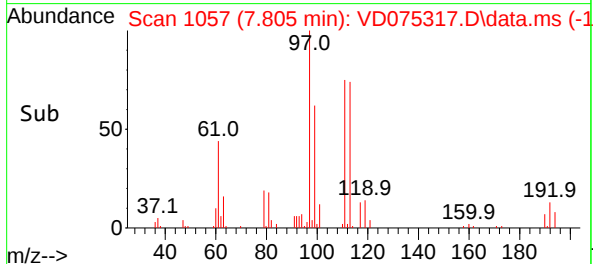
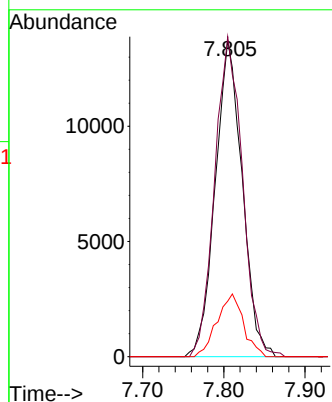
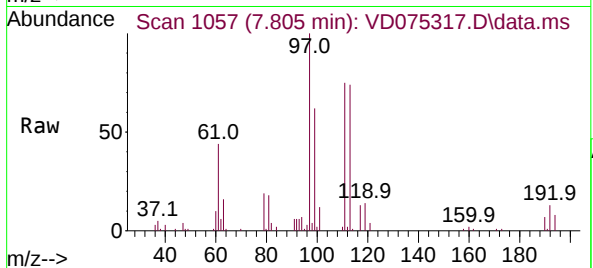
Tgt Ion:113 Resp: 31594

Ion Ratio Lower Upper

113 100

111 104.0 80.1 120.1

192 19.5 15.4 23.0



#36

1,1-Dichloropropene

Concen: 53.147 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.005 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

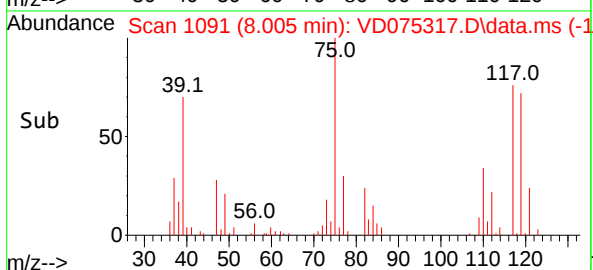
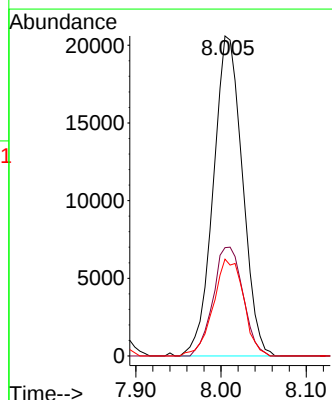
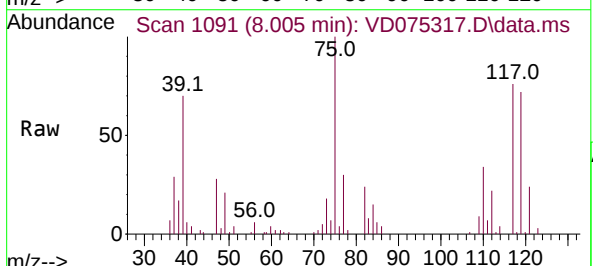
Tgt Ion: 75 Resp: 48889

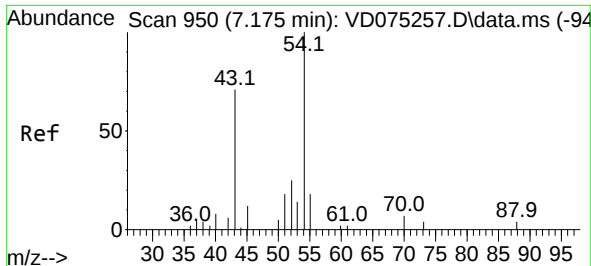
Ion Ratio Lower Upper

75 100

110 35.0 18.1 54.4

77 31.5 25.1 37.7





#37

Ethyl Acetate

Concen: 51.580 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

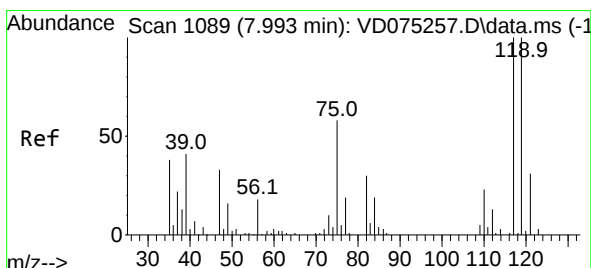
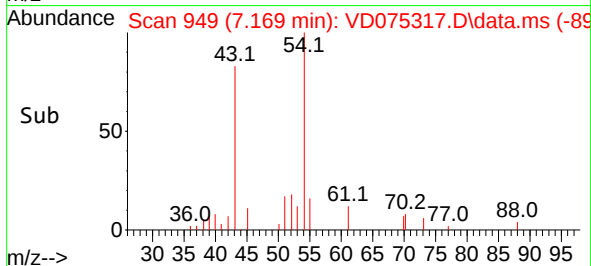
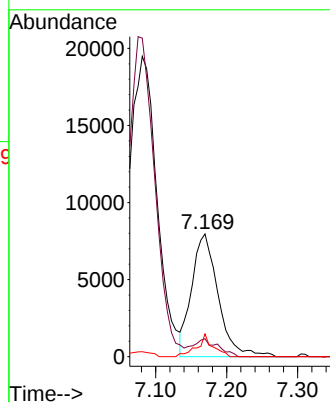
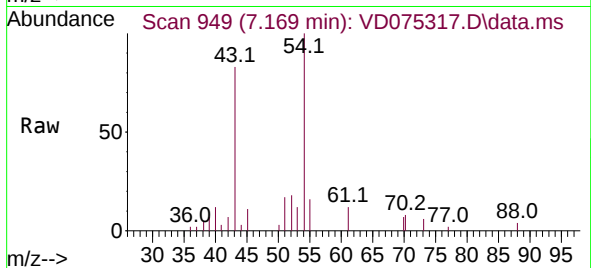
Tgt Ion: 43 Resp: 20693

Ion Ratio Lower Upper

43 100

61 12.7 11.7 17.5

70 10.9 8.8 13.2



#38

Carbon Tetrachloride

Concen: 60.019 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

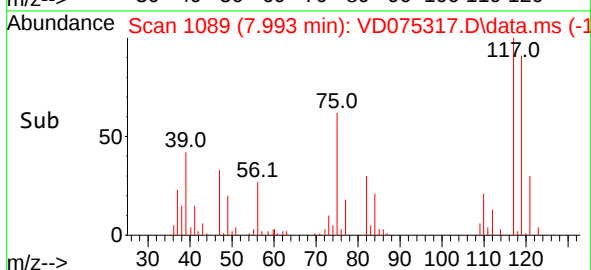
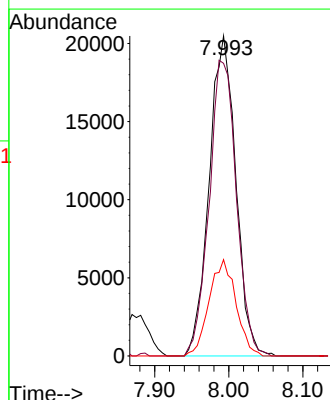
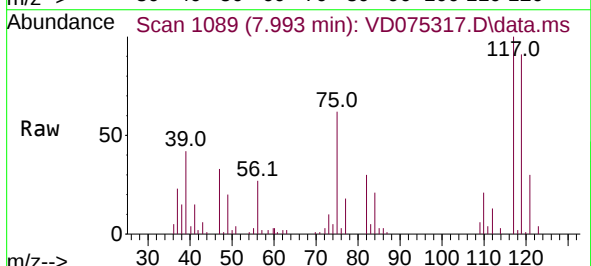
Tgt Ion: 117 Resp: 51160

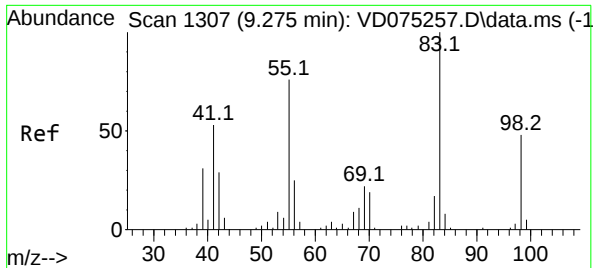
Ion Ratio Lower Upper

117 100

119 91.4 73.6 110.4

121 30.1 25.4 38.0





#39

Methylcyclohexane

Concen: 52.490 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

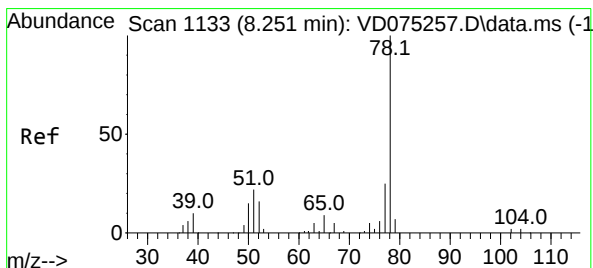
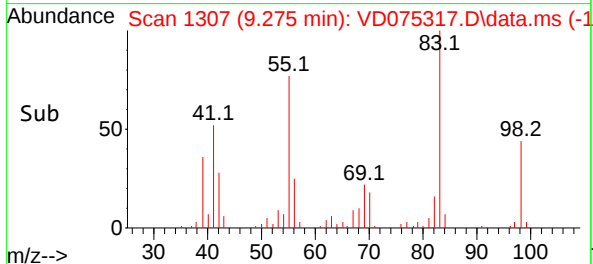
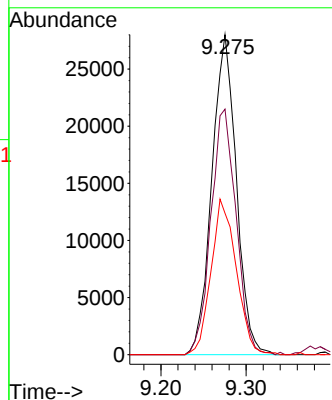
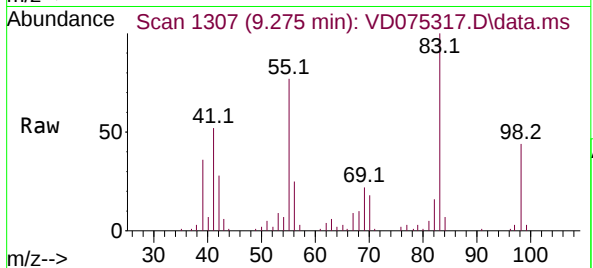
Tgt Ion: 83 Resp: 55889

Ion Ratio Lower Upper

83 100

55 76.7 60.0 90.0

98 44.2 39.0 58.4



#40

Benzene

Concen: 53.235 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD075317.D

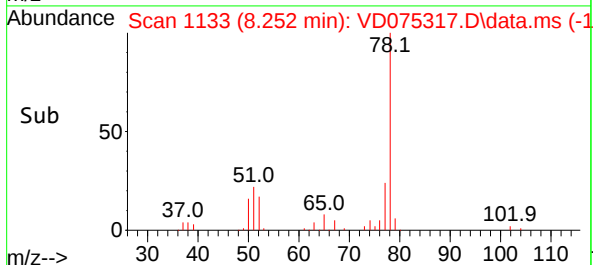
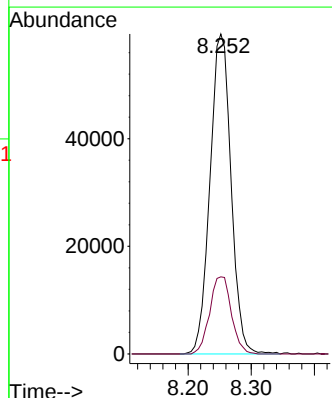
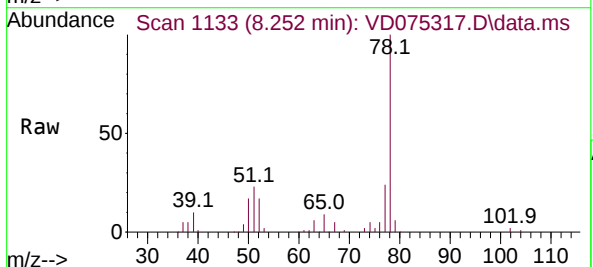
Acq: 13 Feb 2023 09:20

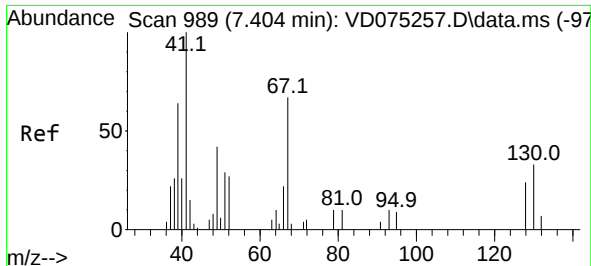
Tgt Ion: 78 Resp: 137632

Ion Ratio Lower Upper

78 100

77 24.1 19.8 29.6

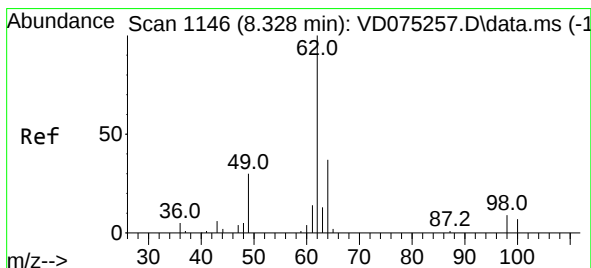
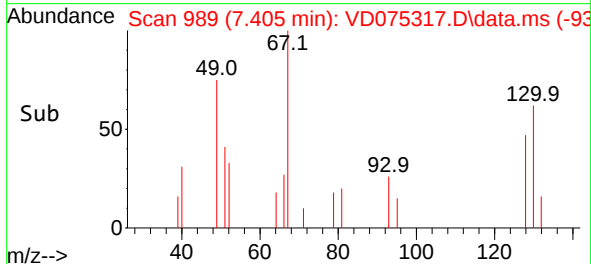
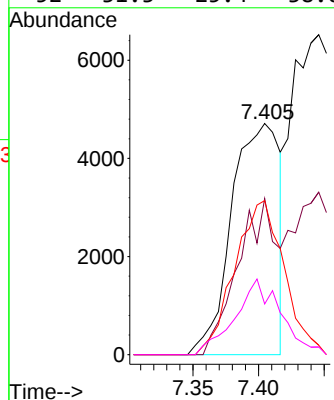
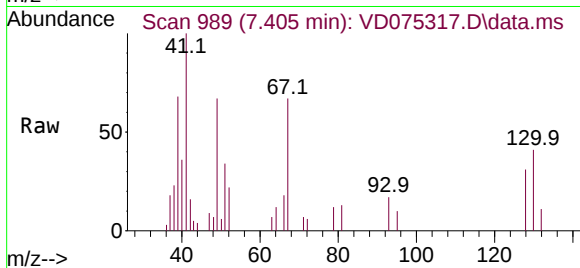




#41
Methacrylonitrile
Concen: 49.974 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

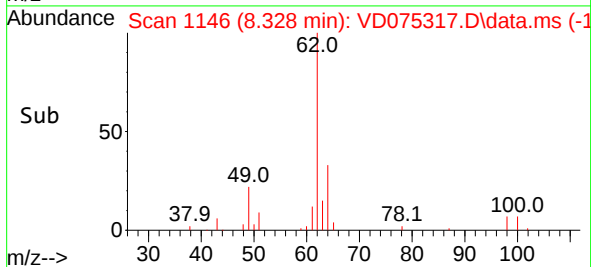
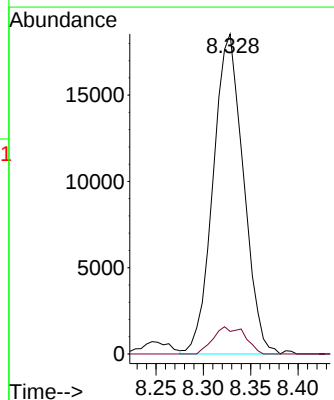
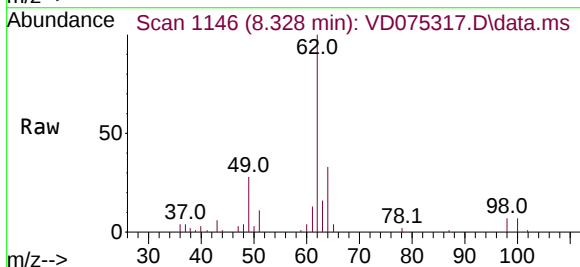
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

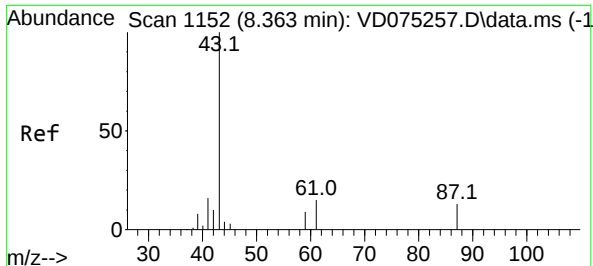
Tgt Ion: 41 Resp: 11960
Ion Ratio Lower Upper
41 100
39 54.8 57.8 86.6#
67 68.5 60.5 90.7
52 31.3 25.4 38.0



#42
1,2-Dichloroethane
Concen: 55.095 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

Tgt Ion: 62 Resp: 41239
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.2





#43

Isopropyl Acetate

Concen: 54.591 ug/l

RT: 8.358 min Scan# 1151

Delta R.T. -0.005 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

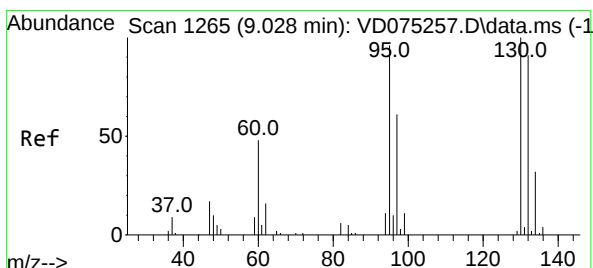
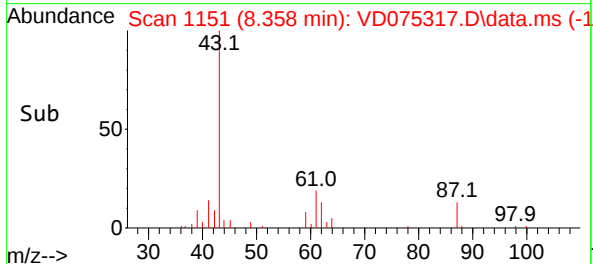
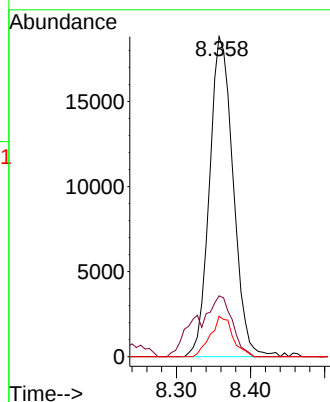
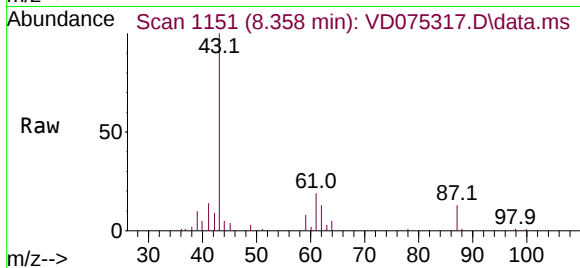
Tgt Ion: 43 Resp: 41848

Ion Ratio Lower Upper

43 100

61 19.1 25.0 37.6#

87 11.9 10.6 16.0



#44

Trichloroethene

Concen: 51.356 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD075317.D

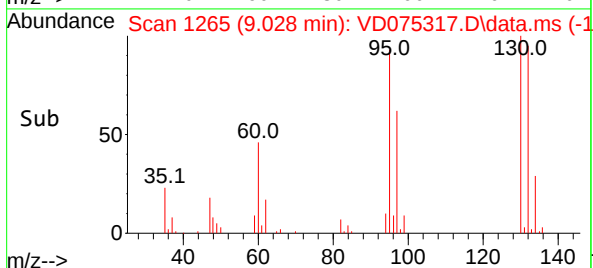
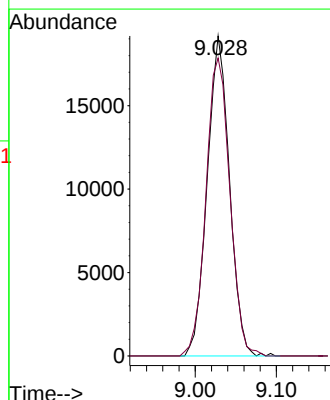
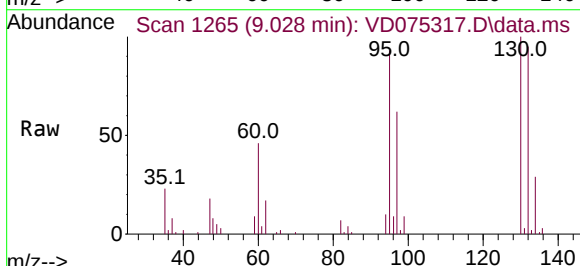
Acq: 13 Feb 2023 09:20

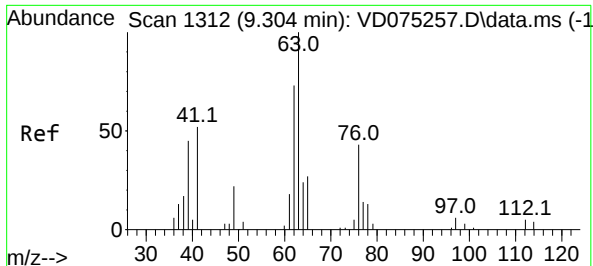
Tgt Ion:130 Resp: 36600

Ion Ratio Lower Upper

130 100

95 93.1 0.0 188.6





#45

1,2-Dichloropropane

Concen: 54.111 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

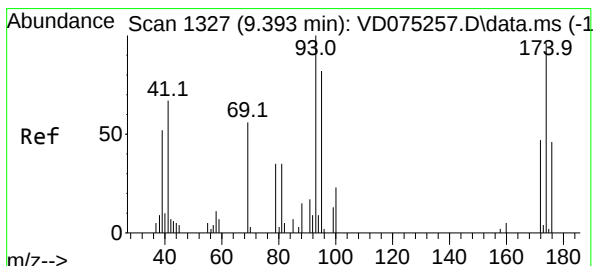
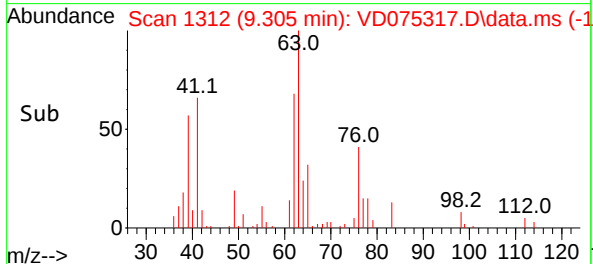
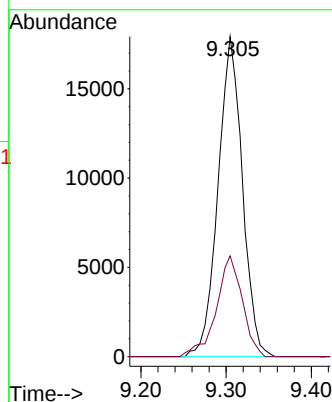
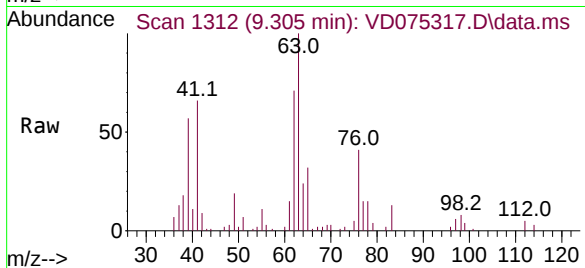
VSTDCCC050

Tgt Ion: 63 Resp: 35529

Ion Ratio Lower Upper

63 100

65 31.5 25.1 37.7



#46

Dibromomethane

Concen: 53.144 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

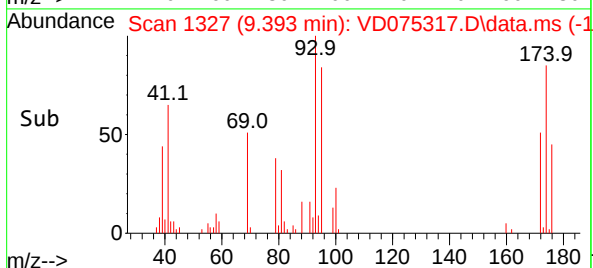
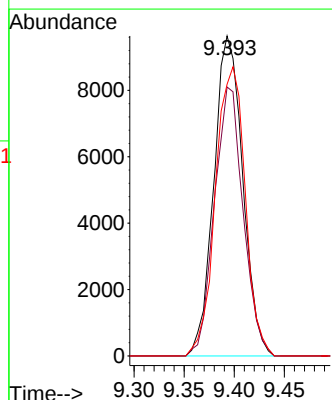
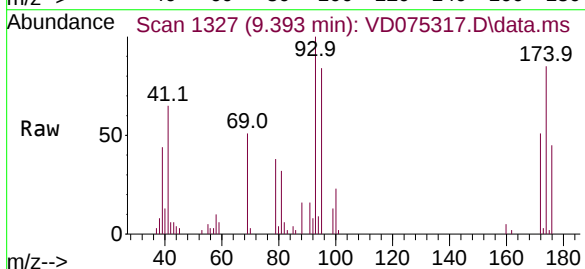
Tgt Ion: 93 Resp: 19337

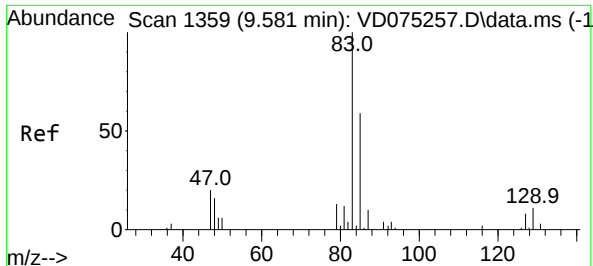
Ion Ratio Lower Upper

93 100

95 83.5 68.3 102.5

174 92.7 77.4 116.0

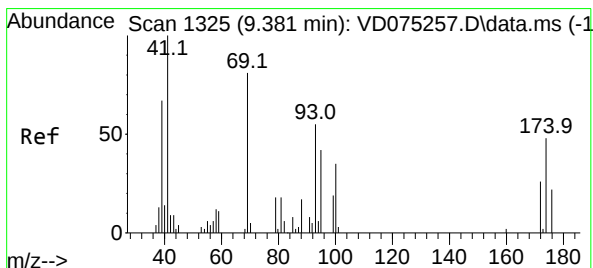
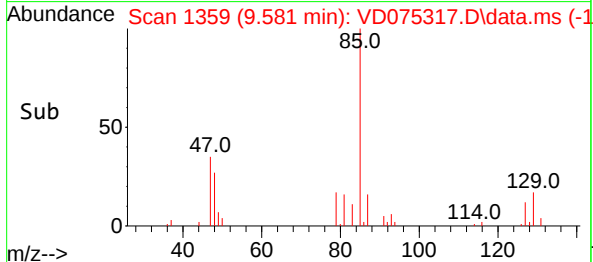
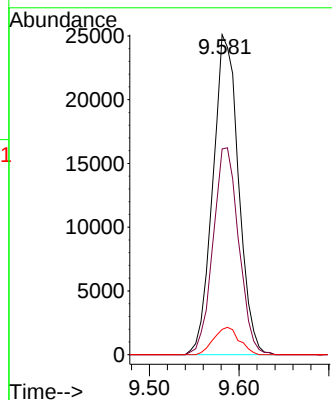
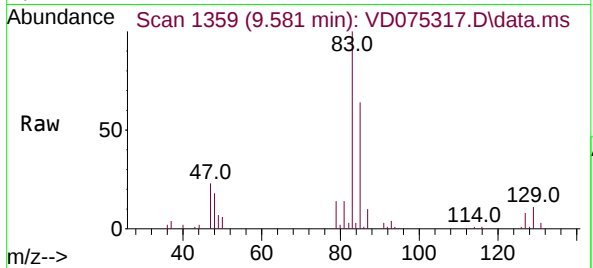




#47
Bromodichloromethane
Concen: 55.009 ug/l
RT: 9.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

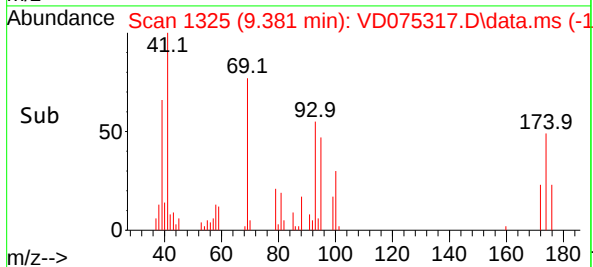
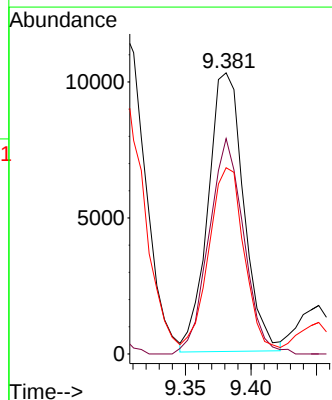
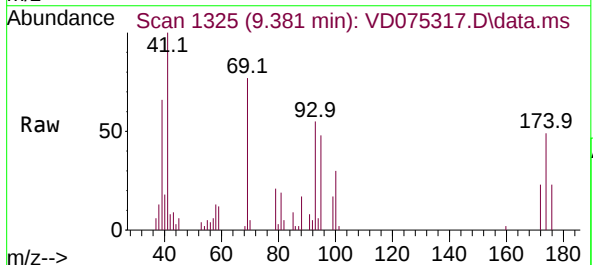
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

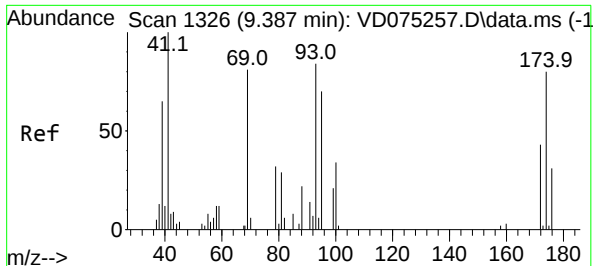
Tgt Ion: 83 Resp: 49815
Ion Ratio Lower Upper
83 100
85 64.3 53.0 79.4
127 7.9 7.0 10.4



#48
Methyl methacrylate
Concen: 53.401 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

Tgt Ion: 41 Resp: 19441
Ion Ratio Lower Upper
41 100
69 75.4 67.8 101.6
39 63.2 46.0 69.0





#49

1,4-Dioxane

Concen: 1119.183 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

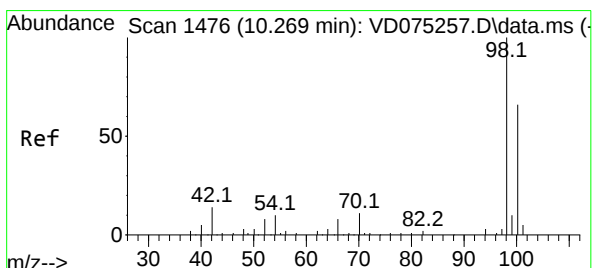
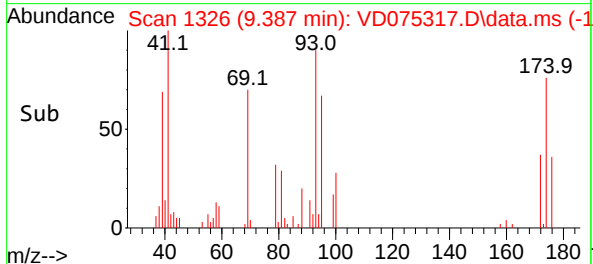
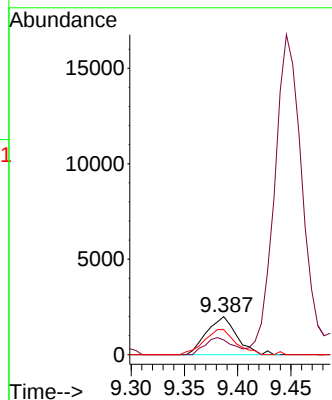
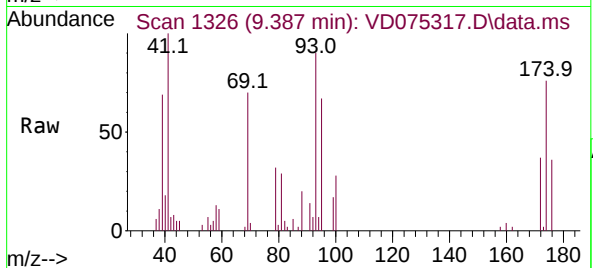
Tgt Ion: 88 Resp: 3891

Ion Ratio Lower Upper

88 100

43 41.3 35.6 53.4

58 69.3 57.4 86.2



#50

Toluene-d8

Concen: 50.875 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075317.D

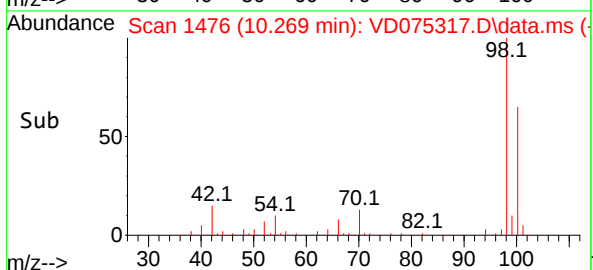
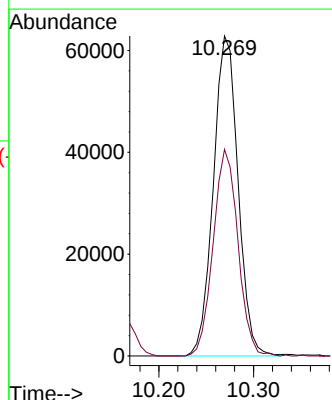
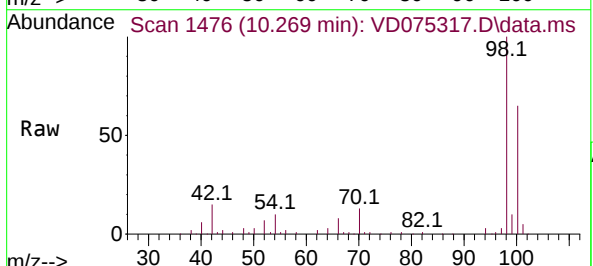
Acq: 13 Feb 2023 09:20

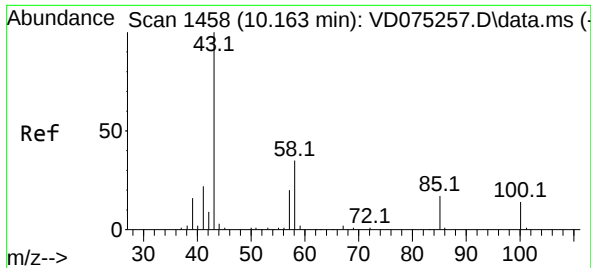
Tgt Ion: 98 Resp: 113932

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1

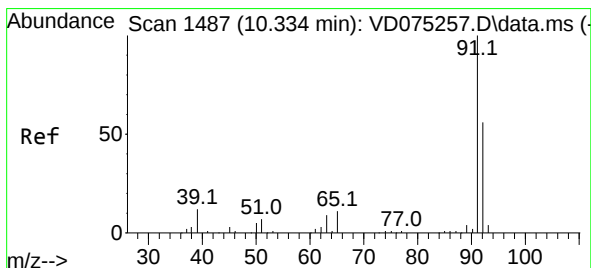
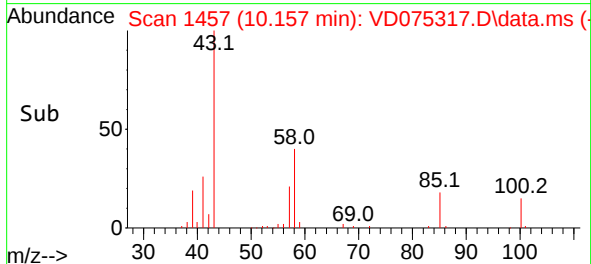
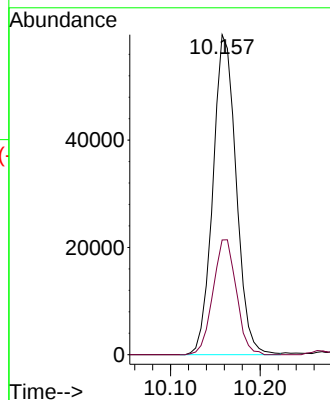
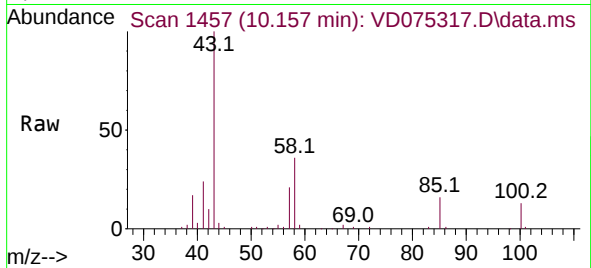




#51
4-Methyl-2-Pentanone
Concen: 276.829 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

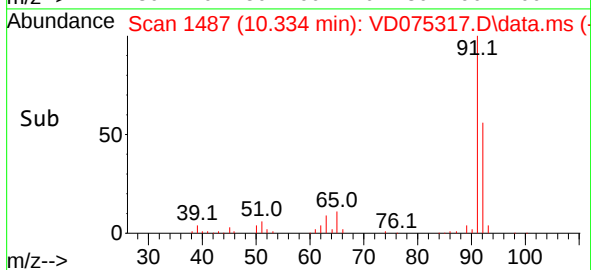
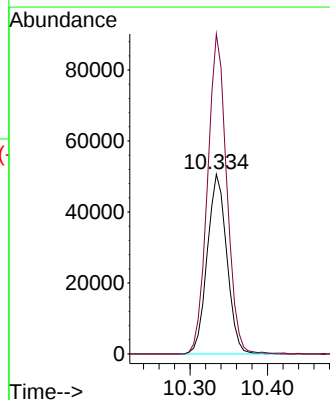
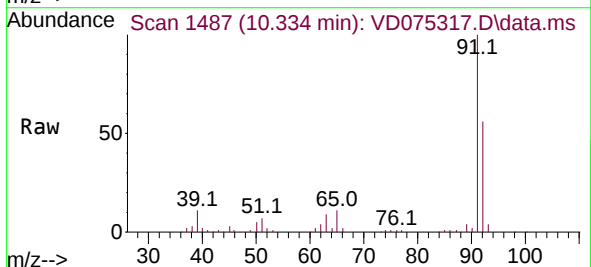
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

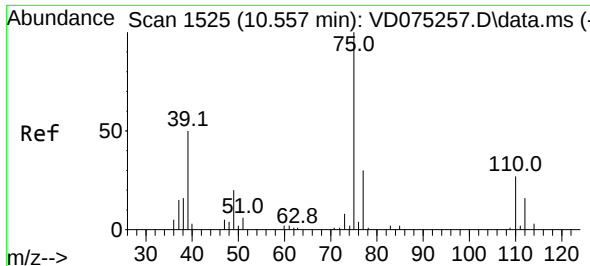
Tgt Ion: 43 Resp: 107284
Ion Ratio Lower Upper
43 100
58 36.1 31.4 47.0



#52
Toluene
Concen: 54.563 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

Tgt Ion: 92 Resp: 88852
Ion Ratio Lower Upper
92 100
91 174.8 137.0 205.4

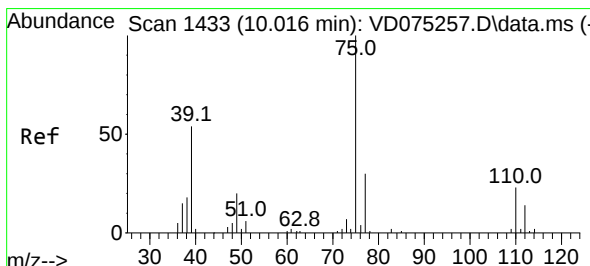
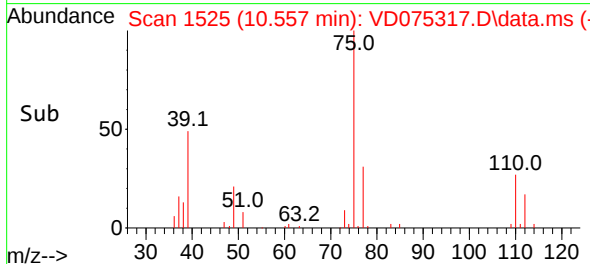
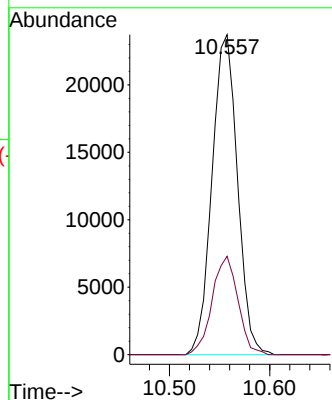
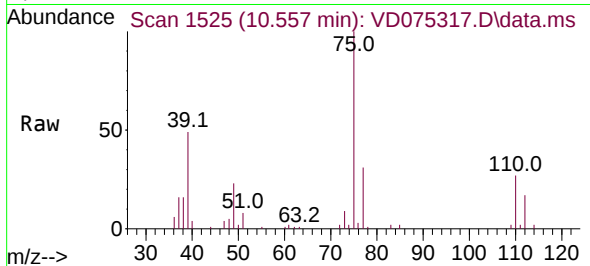




#53
 t-1,3-Dichloropropene
 Concen: 53.323 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD075317.D
 Acq: 13 Feb 2023 09:20

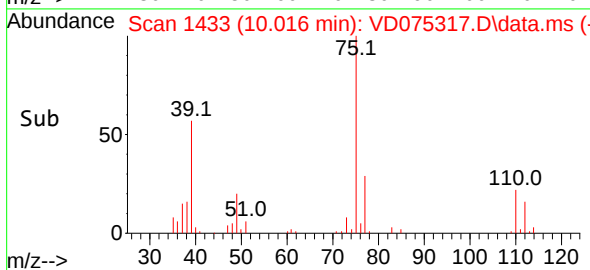
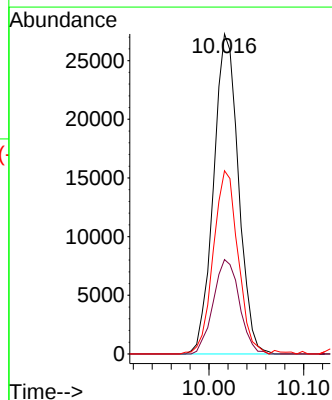
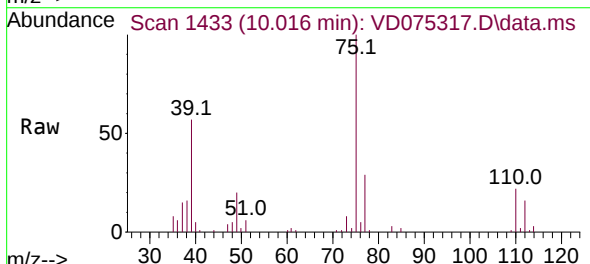
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

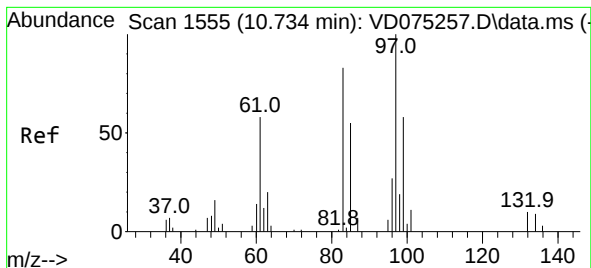
Tgt Ion: 75 Resp: 41827
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 53.074 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075317.D
 Acq: 13 Feb 2023 09:20

Tgt Ion: 75 Resp: 49774
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.1 37.7
 39 57.2 37.9 56.9#





#55

1,1,2-Trichloroethane

Concen: 56.140 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 26076

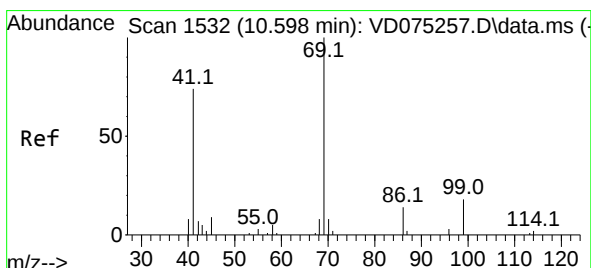
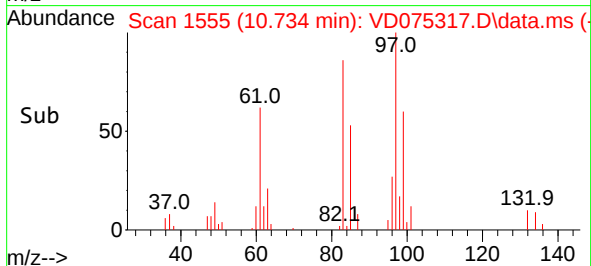
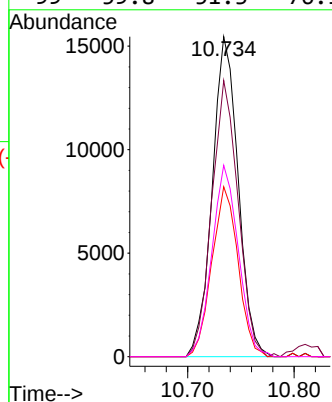
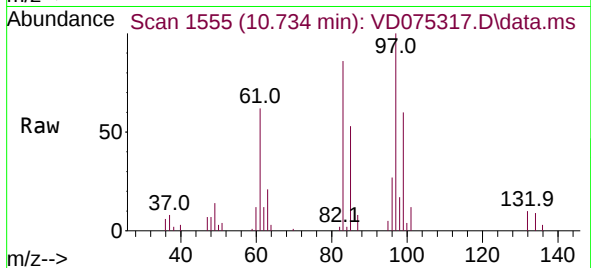
Ion Ratio Lower Upper

97 100

83 86.3 69.4 104.0

85 53.1 46.0 69.0

99 59.8 51.3 76.9



#56

Ethyl methacrylate

Concen: 56.544 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.001 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

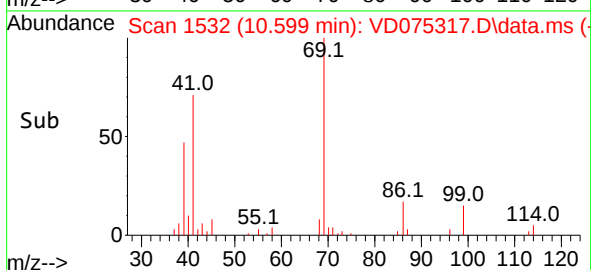
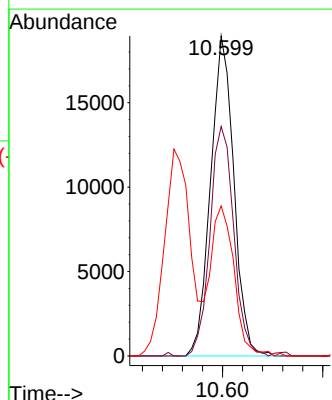
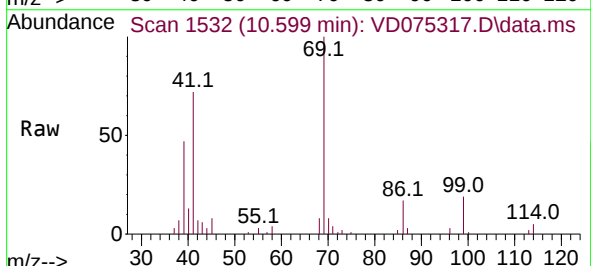
Tgt Ion: 69 Resp: 30533

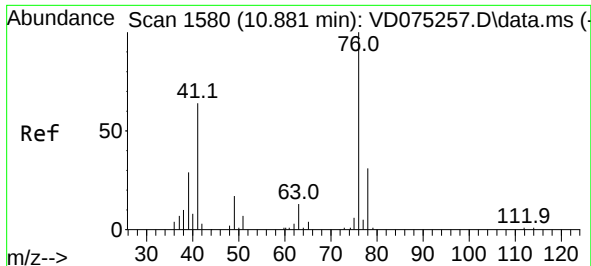
Ion Ratio Lower Upper

69 100

41 73.4 55.7 83.5

39 46.2 31.4 47.0





#57

1,3-Dichloropropane

Concen: 54.953 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

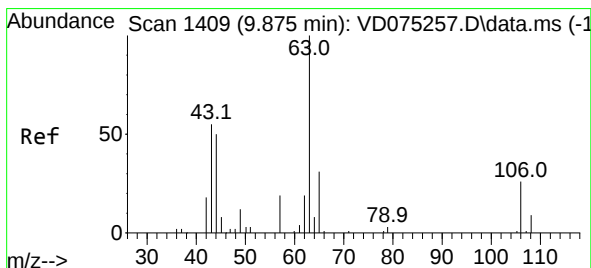
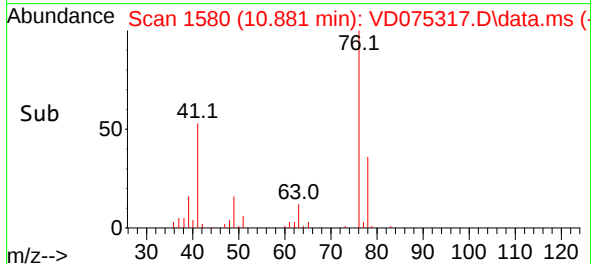
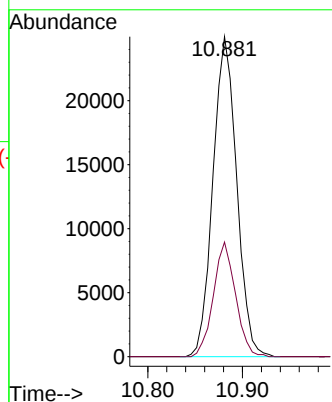
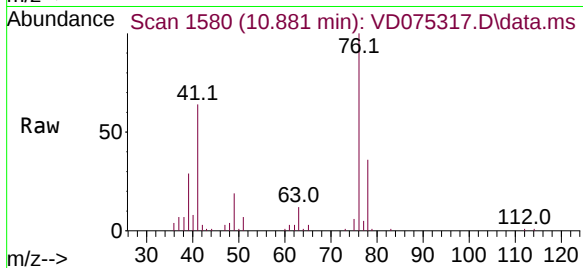
VSTDCCC050

Tgt Ion: 76 Resp: 43482

Ion Ratio Lower Upper

76 100

78 33.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 150.965 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.006 min

Lab File: VD075317.D

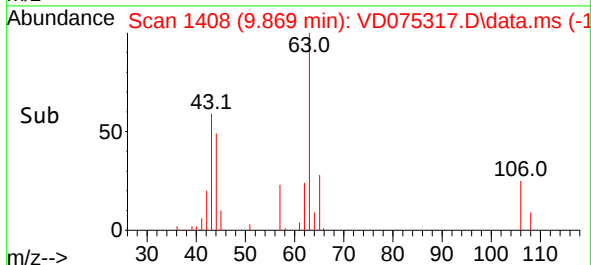
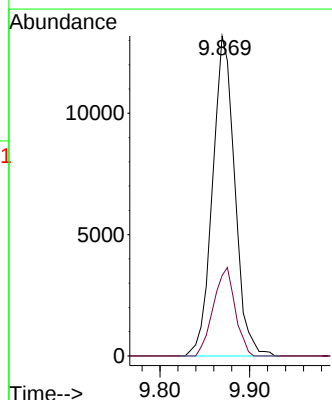
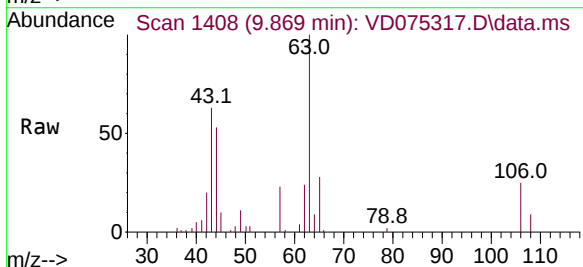
Acq: 13 Feb 2023 09:20

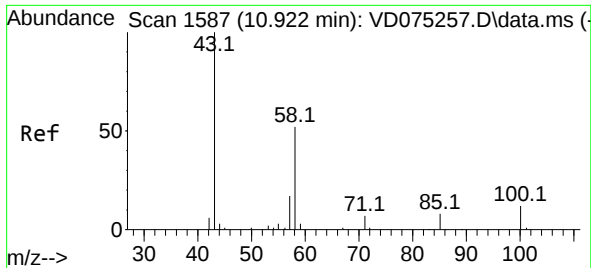
Tgt Ion: 63 Resp: 22661

Ion Ratio Lower Upper

63 100

106 27.0 22.6 33.8

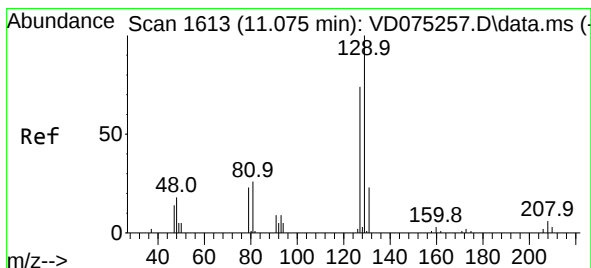
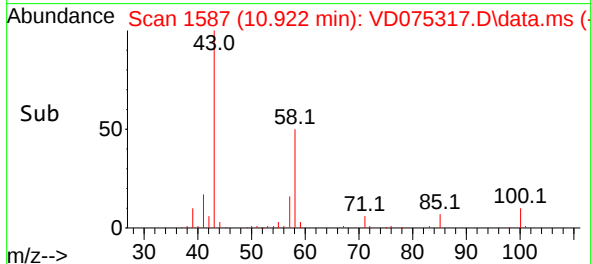
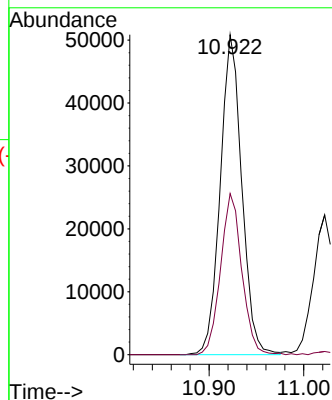
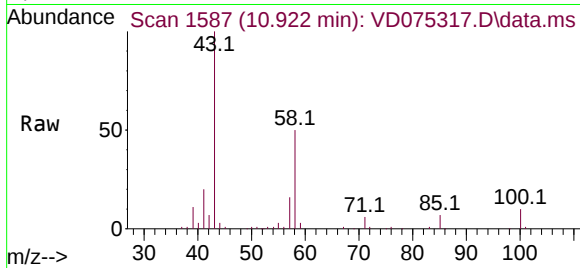




#59
2-Hexanone
Concen: 284.245 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

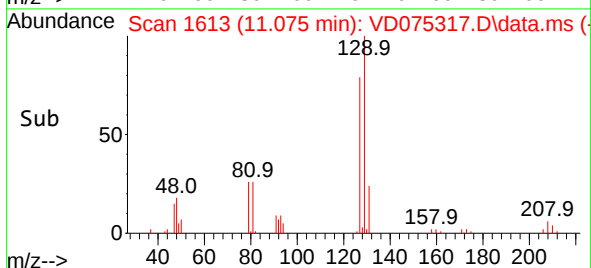
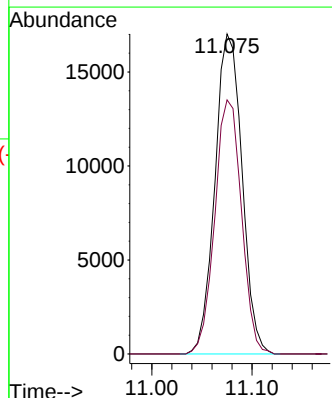
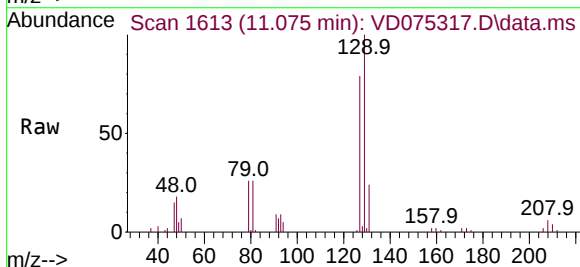
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

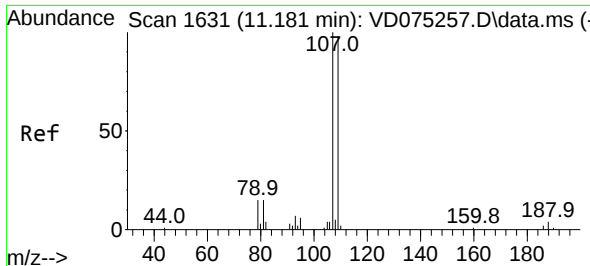
Tgt Ion: 43 Resp: 80480
Ion Ratio Lower Upper
43 100
58 49.7 26.8 80.4



#60
Dibromochloromethane
Concen: 55.546 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

Tgt Ion: 129 Resp: 31965
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.6

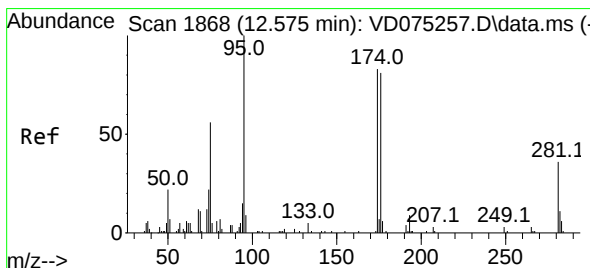
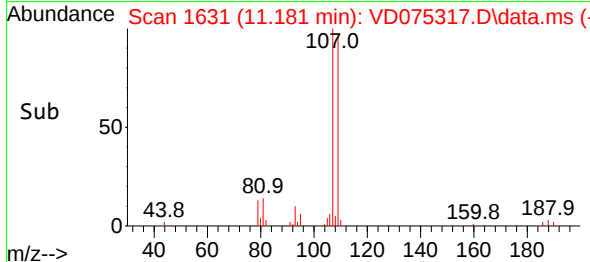
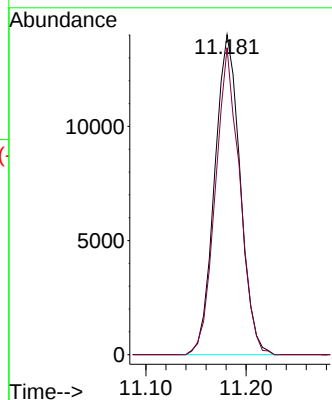
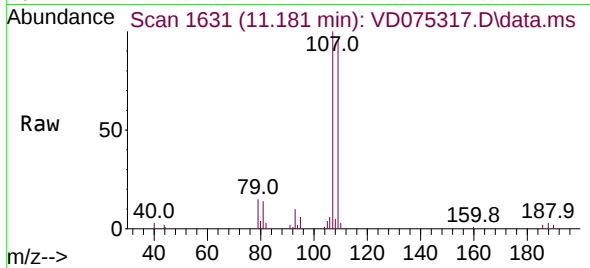




#61
1,2-Dibromoethane
Concen: 55.047 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

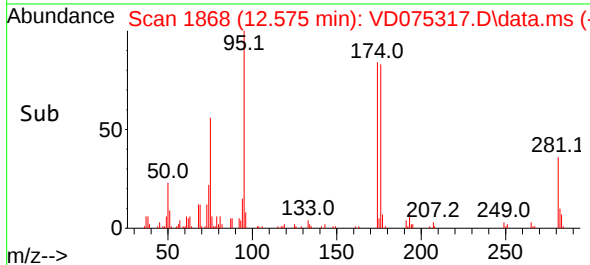
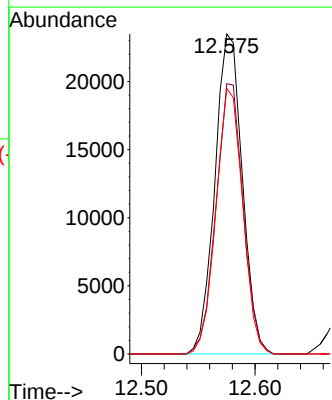
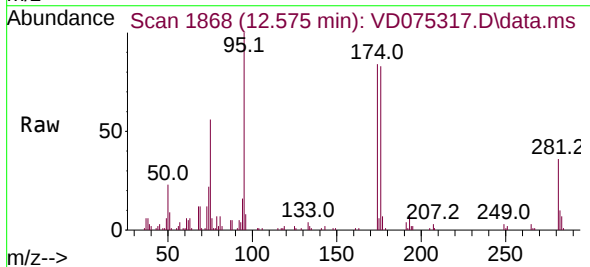
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

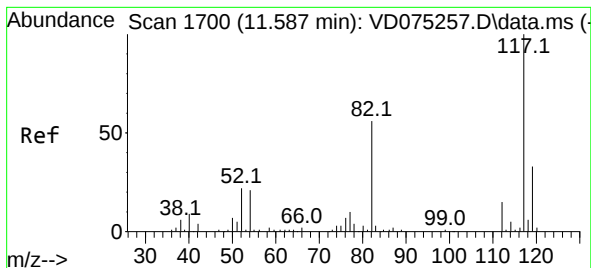
Tgt Ion:107 Resp: 24654
Ion Ratio Lower Upper
107 100
109 91.8 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 53.429 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

Tgt Ion: 95 Resp: 39453
Ion Ratio Lower Upper
95 100
174 83.5 0.0 161.2
176 80.8 0.0 160.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

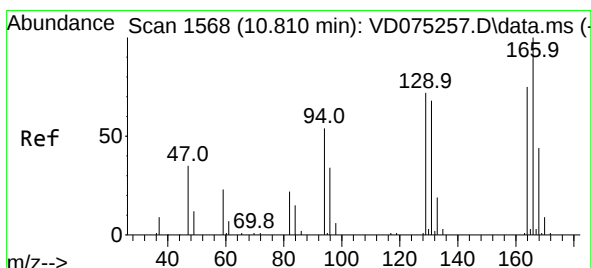
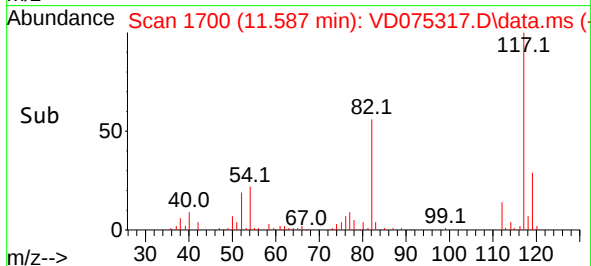
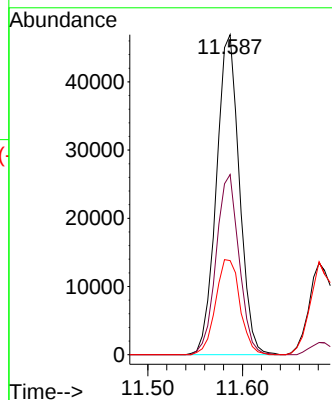
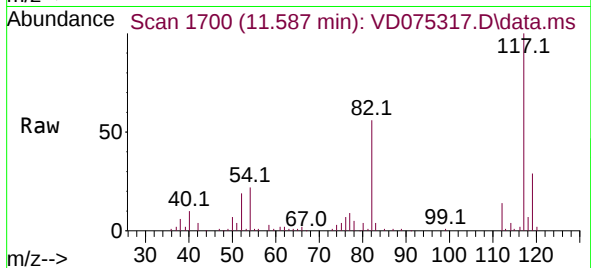
Tgt Ion:117 Resp: 79219

Ion Ratio Lower Upper

117 100

82 56.3 39.6 59.4

119 29.4 24.6 37.0



#64

Tetrachloroethene

Concen: 52.153 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Tgt Ion:164 Resp: 31820

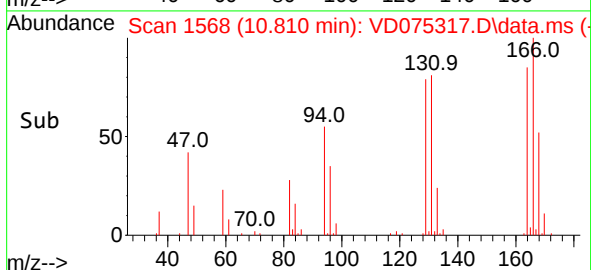
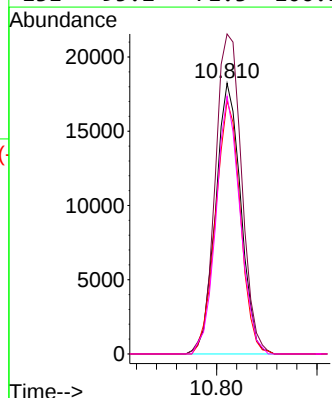
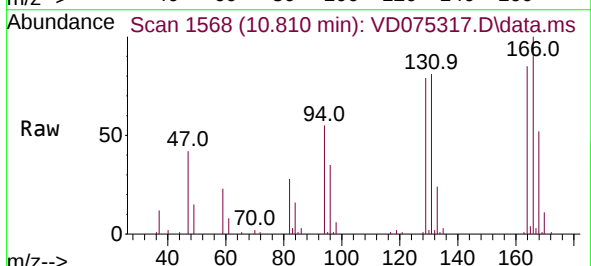
Ion Ratio Lower Upper

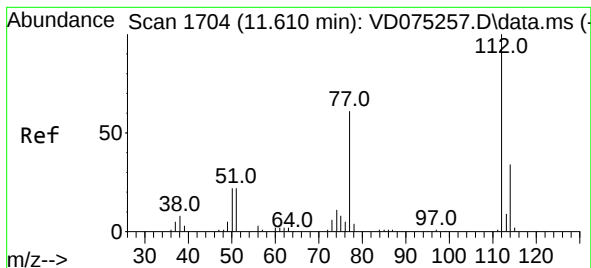
164 100

166 118.2 105.3 157.9

129 93.6 76.2 114.4

131 95.2 71.3 106.9





#65

Chlorobenzene

Concen: 51.976 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

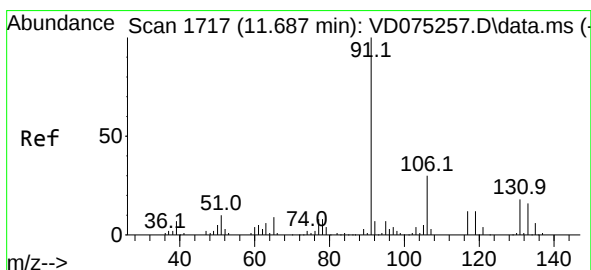
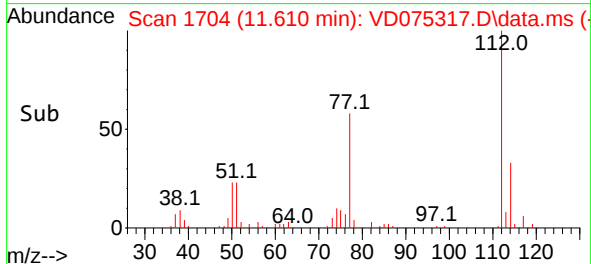
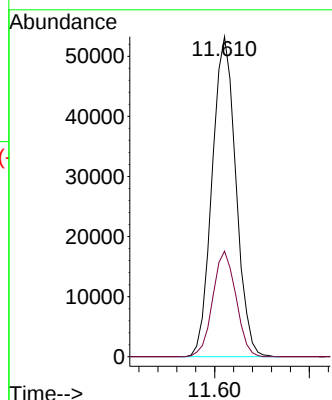
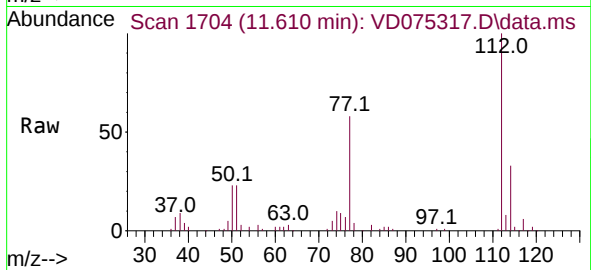
VSTDCCC050

Tgt Ion:112 Resp: 92856

Ion Ratio Lower Upper

112 100

114 33.0 24.7 37.1



#66

1,1,1,2-Tetrachloroethane

Concen: 53.850 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

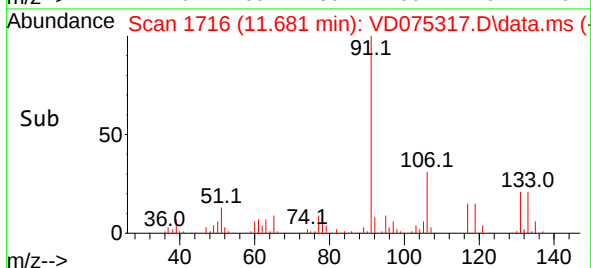
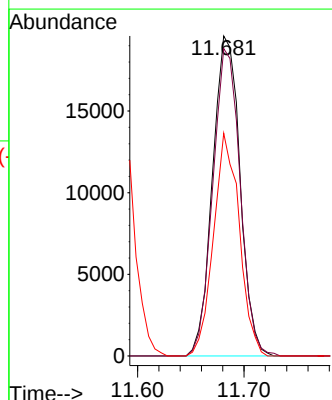
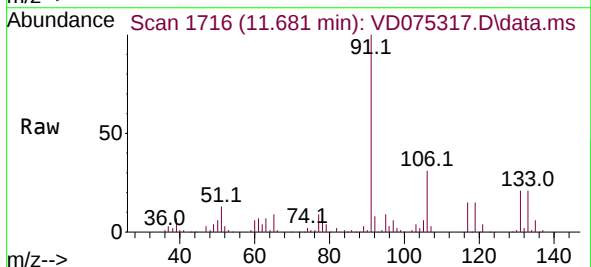
Tgt Ion:131 Resp: 35026

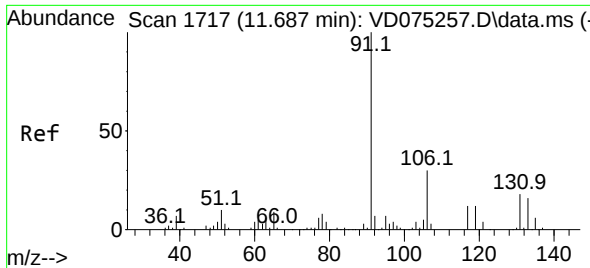
Ion Ratio Lower Upper

131 100

133 95.7 49.0 147.2

119 65.5 34.8 104.5

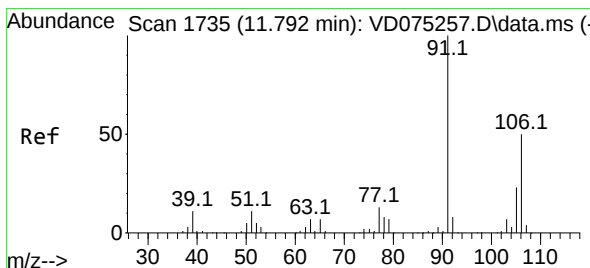
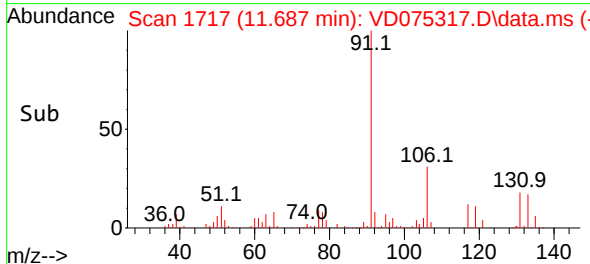
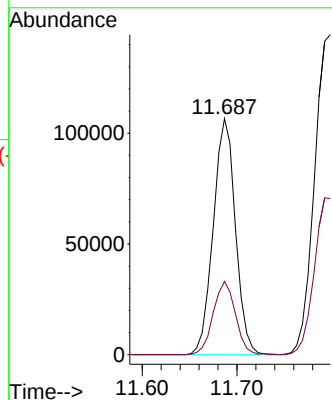
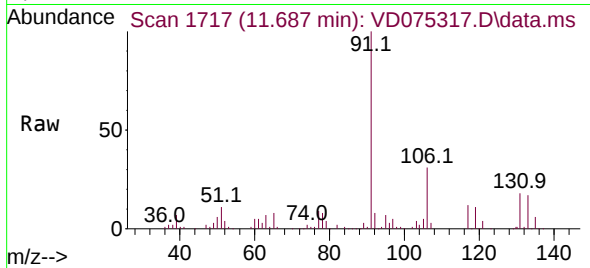




#67
Ethyl Benzene
Concen: 52.623 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

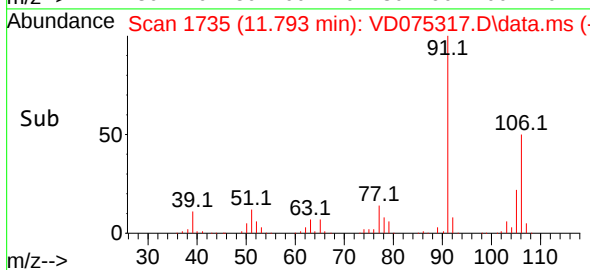
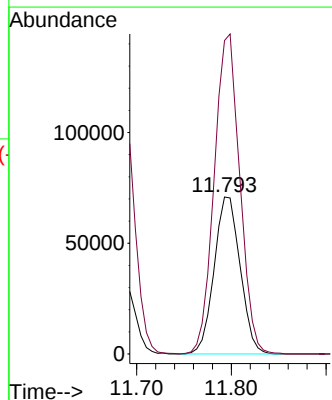
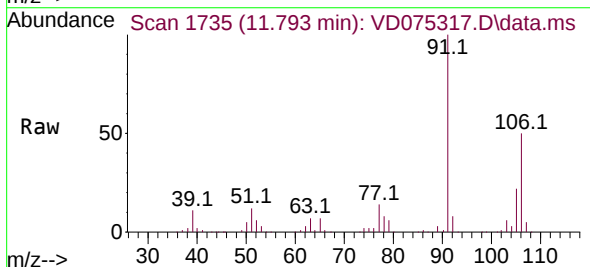
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

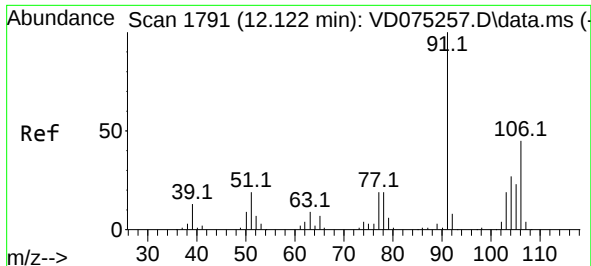
Tgt Ion: 91 Resp: 173564
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6



#68
m/p-Xylenes
Concen: 107.699 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

Tgt Ion:106 Resp: 135122
Ion Ratio Lower Upper
106 100
91 200.9 160.3 240.5





#69

o-Xylene

Concen: 52.562 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

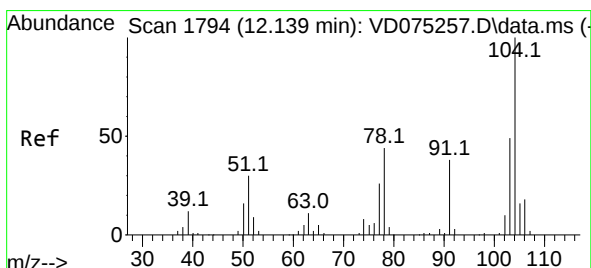
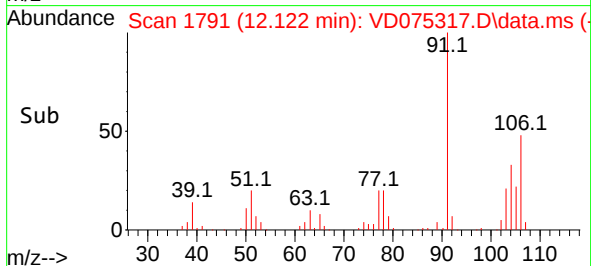
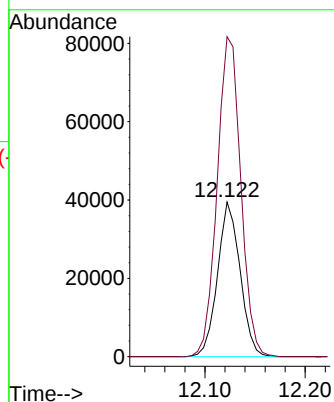
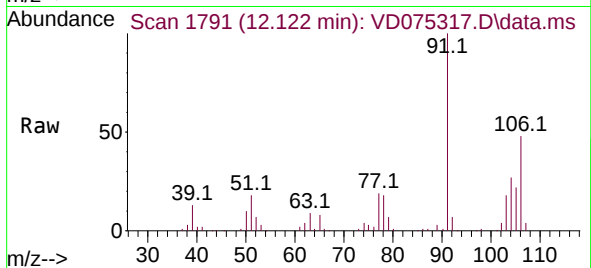
VSTDCCC050

Tgt Ion:106 Resp: 61599

Ion Ratio Lower Upper

106 100

91 217.1 103.6 310.9



#70

Styrene

Concen: 54.118 ug/l

RT: 12.140 min Scan# 1794

Delta R.T. 0.001 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

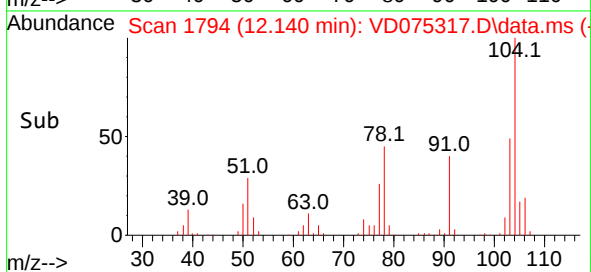
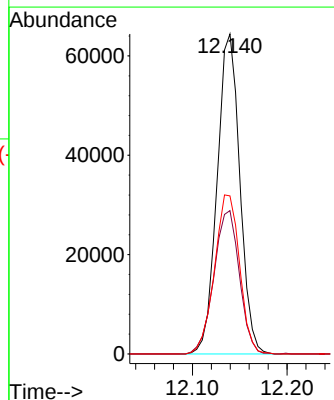
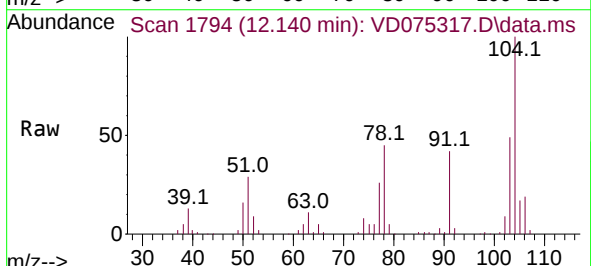
Tgt Ion:104 Resp: 107434

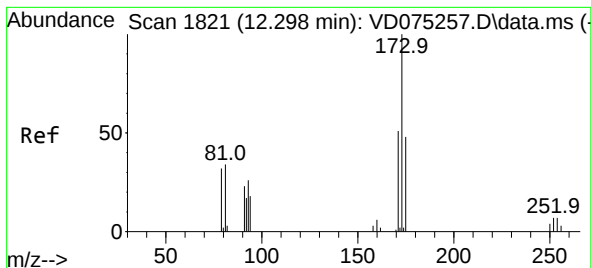
Ion Ratio Lower Upper

104 100

78 50.3 38.9 58.3

103 55.0 43.6 65.4





#71

Bromoform

Concen: 52.814 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.001 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

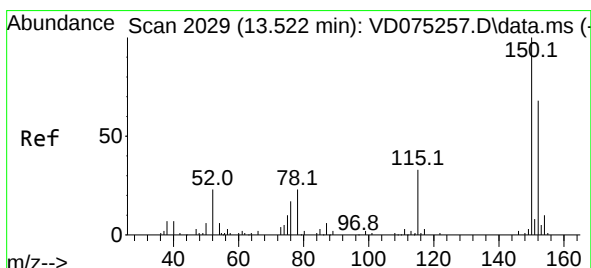
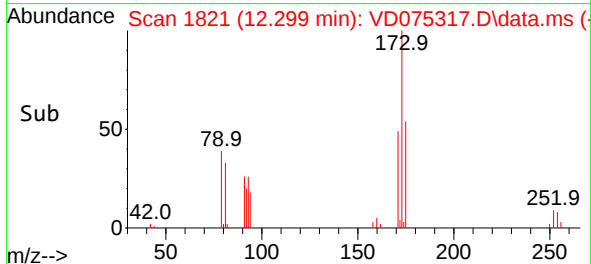
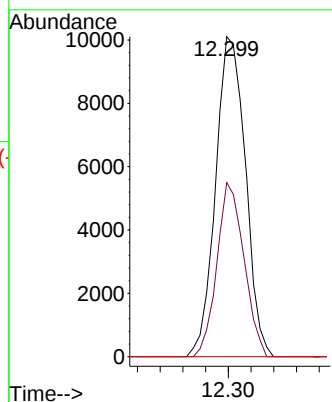
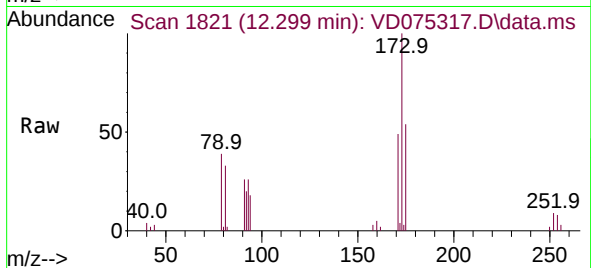
Tgt Ion:173 Resp: 18452

Ion Ratio Lower Upper

173 100

175 49.2 25.4 76.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

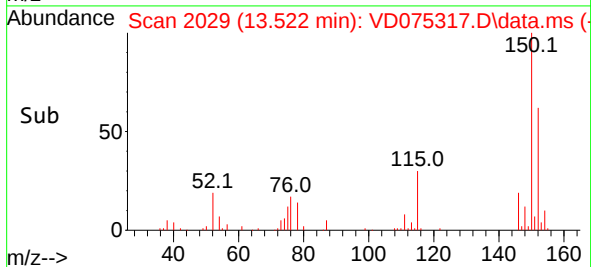
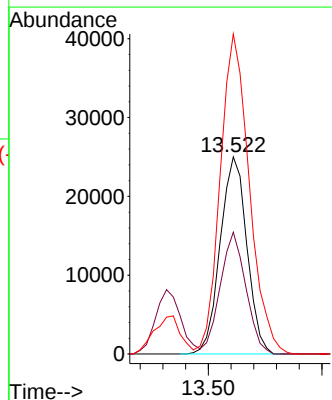
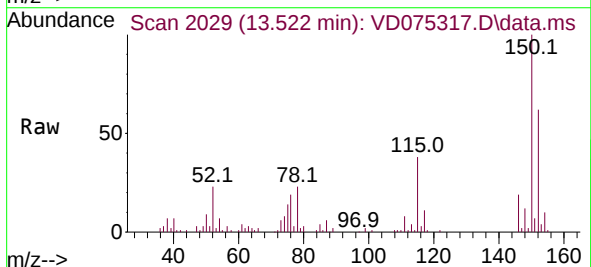
Tgt Ion:152 Resp: 40742

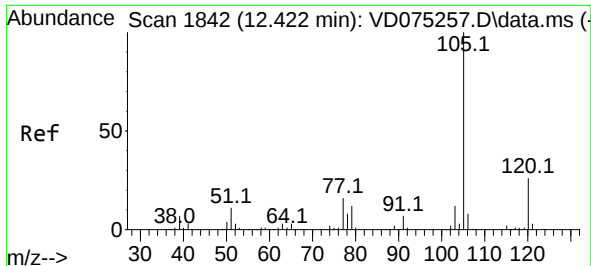
Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.4

150 176.9 0.0 348.6

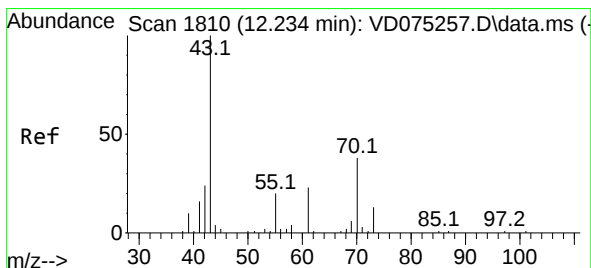
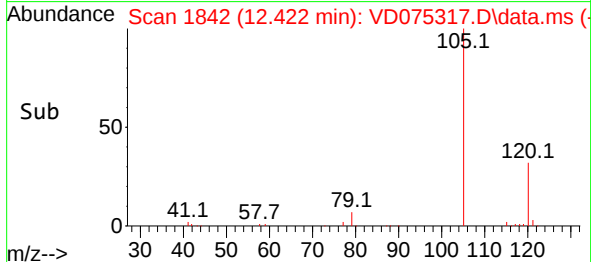
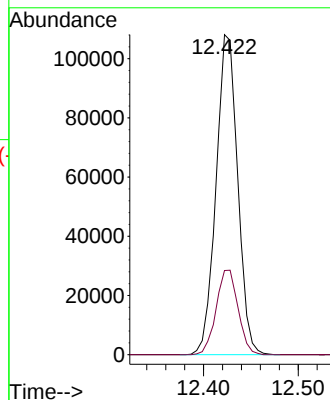
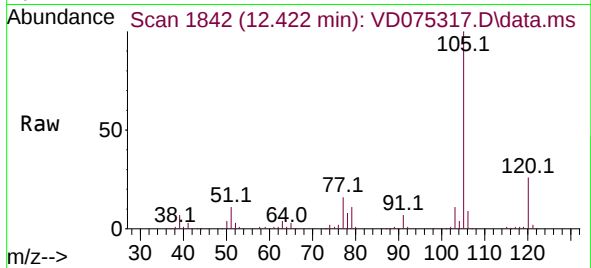




#73
Isopropylbenzene
Concen: 52.003 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

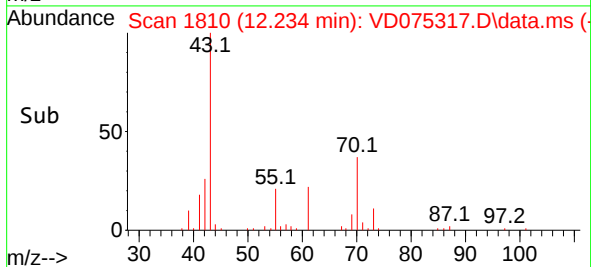
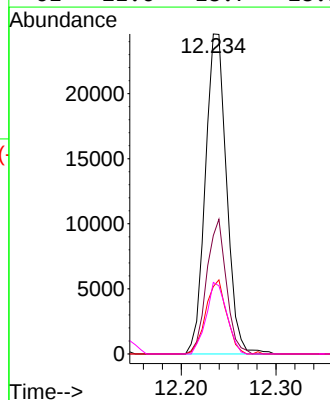
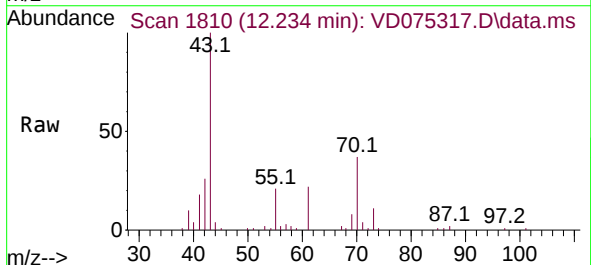
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

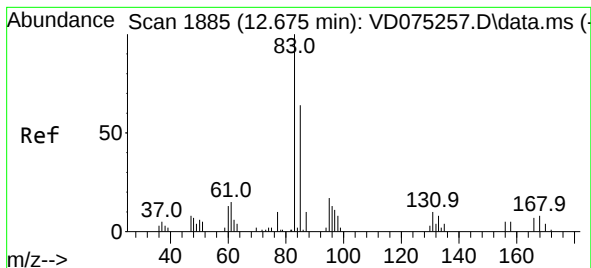
Tgt Ion:105 Resp: 171639
Ion Ratio Lower Upper
105 100
120 26.8 13.7 41.1



#74
N-ethyl acetate
Concen: 51.505 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

Tgt Ion: 43 Resp: 38200
Ion Ratio Lower Upper
43 100
70 38.9 32.6 49.0
55 22.7 17.8 26.8
61 21.6 18.7 28.1

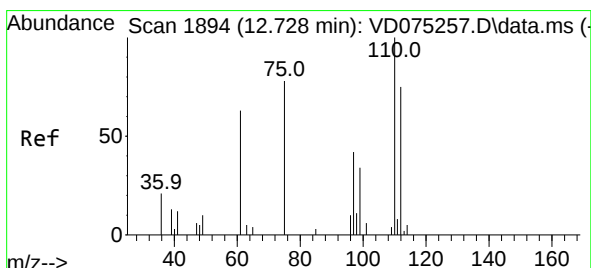
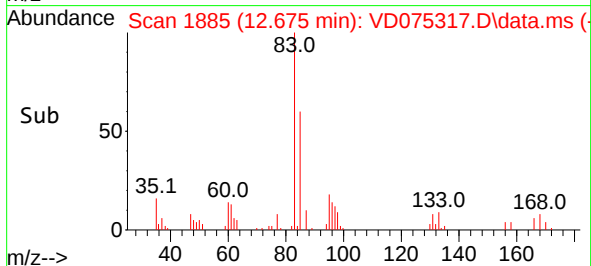
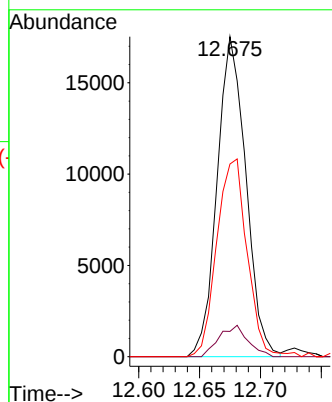
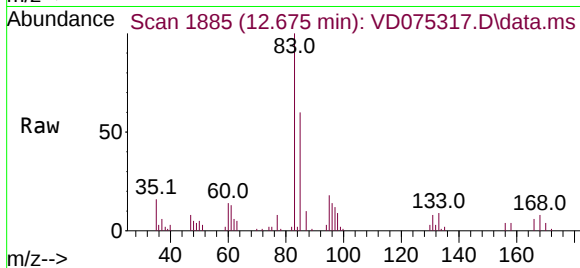




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.149 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD075317.D
 Acq: 13 Feb 2023 09:20

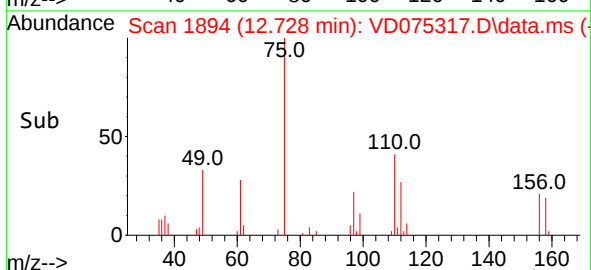
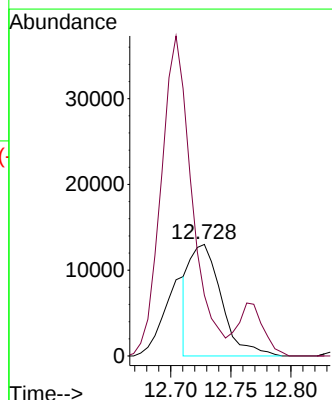
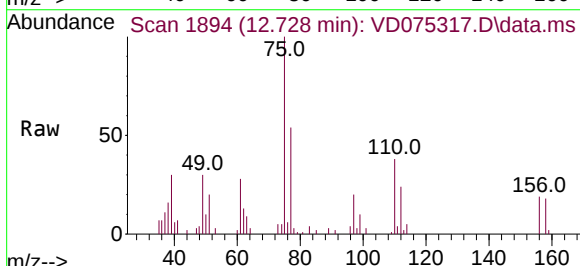
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

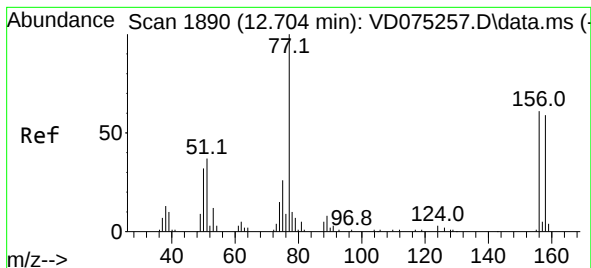
Tgt Ion: 83 Resp: 28797
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.9 14.6
 85 65.4 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 52.039 ug/l m
 RT: 12.728 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VD075317.D
 Acq: 13 Feb 2023 09:20

Tgt Ion: 75 Resp: 24082
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.955 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

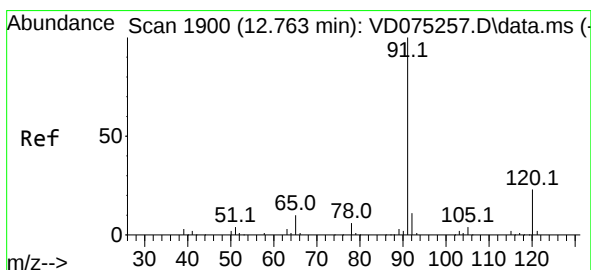
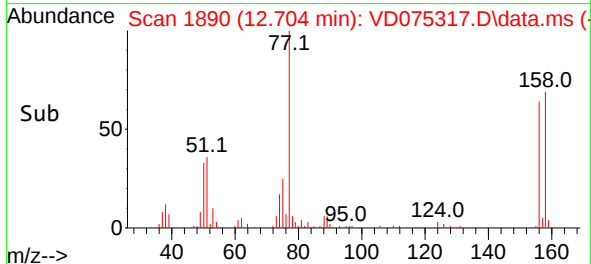
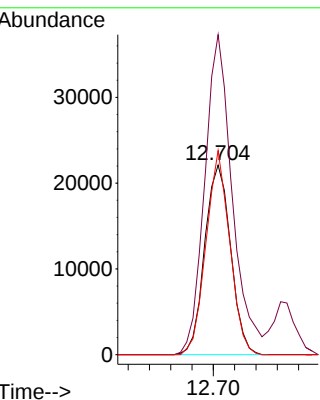
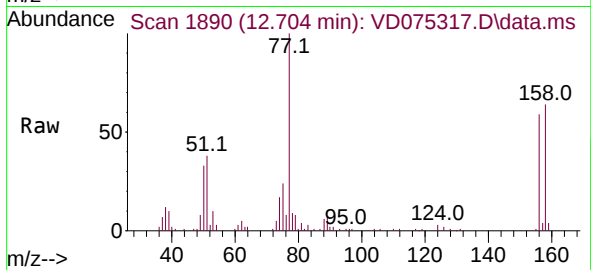
Tgt Ion:156 Resp: 37336

Ion Ratio Lower Upper

156 100

77 179.3 85.6 256.8

158 98.3 47.3 141.9



#78

n-propylbenzene

Concen: 51.749 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VD075317.D

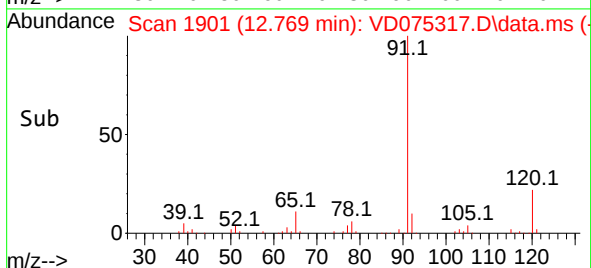
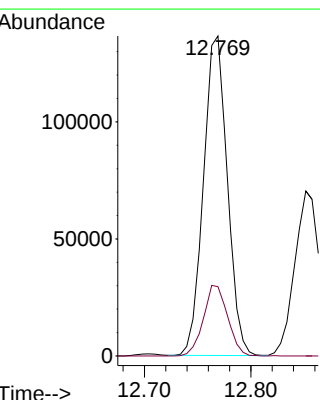
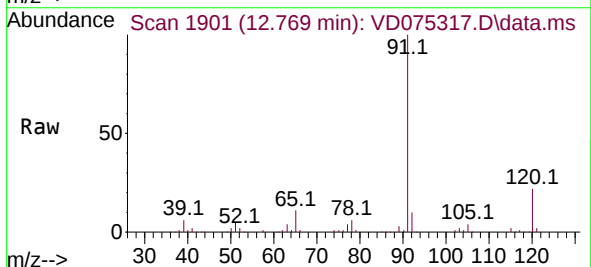
Acq: 13 Feb 2023 09:20

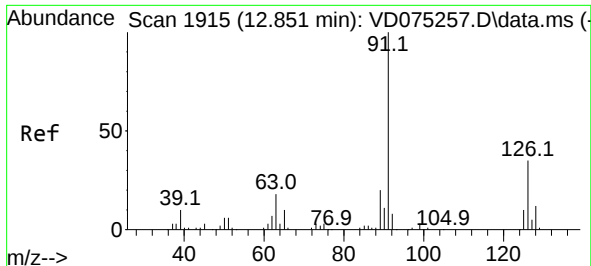
Tgt Ion: 91 Resp: 212527

Ion Ratio Lower Upper

91 100

120 22.4 11.7 35.0

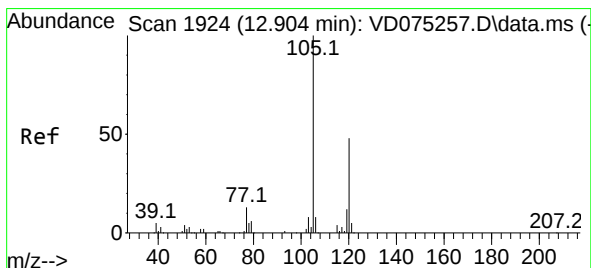
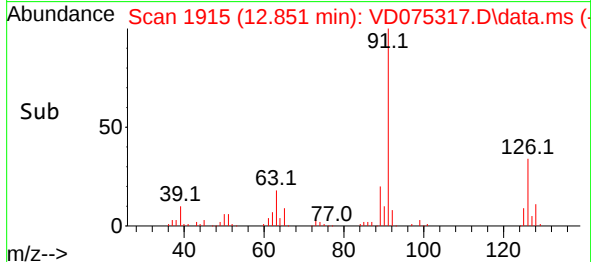
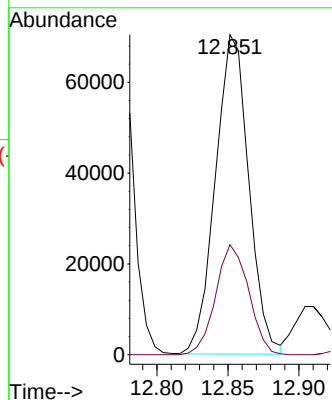
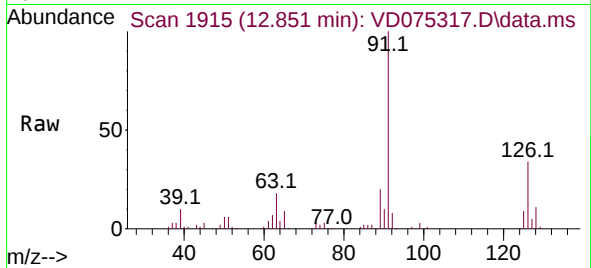




#79
2-Chlorotoluene
Concen: 51.086 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

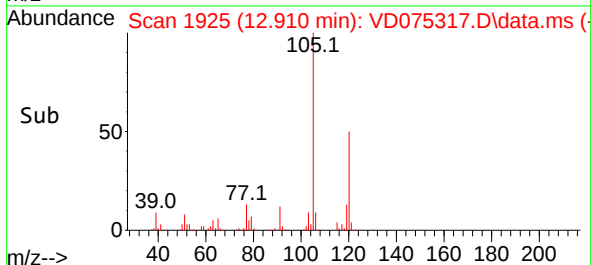
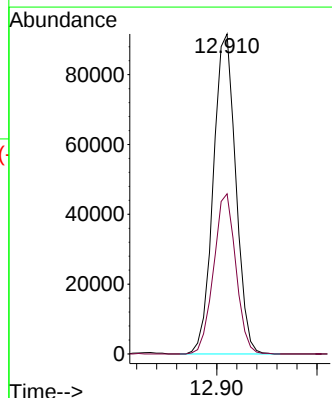
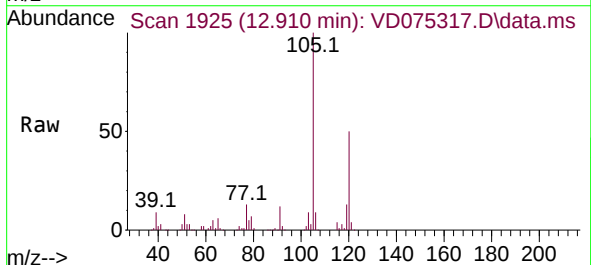
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

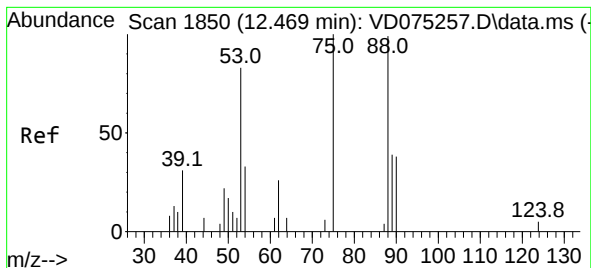
Tgt Ion: 91 Resp: 115082
Ion Ratio Lower Upper
91 100
126 34.0 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 51.842 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. 0.006 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

Tgt Ion: 105 Resp: 142470
Ion Ratio Lower Upper
105 100
120 49.5 24.6 73.8

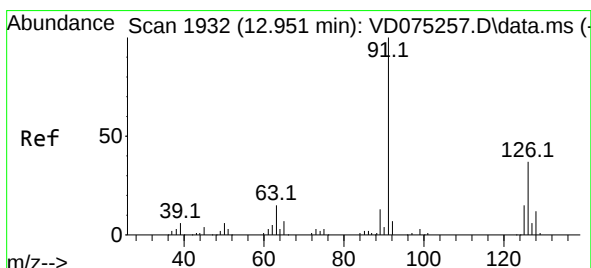
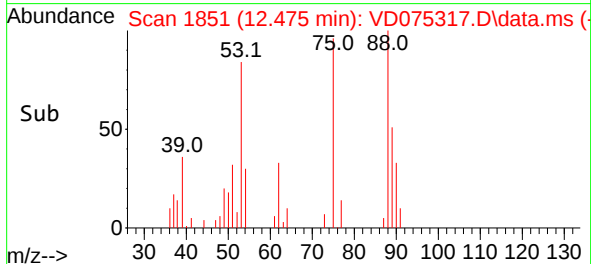
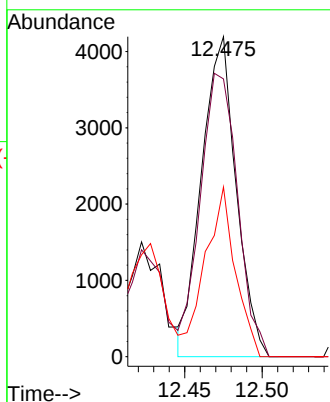
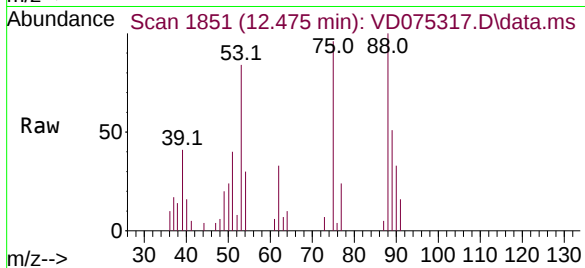




#81
trans-1,4-Dichloro-2-butene
Concen: 45.797 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

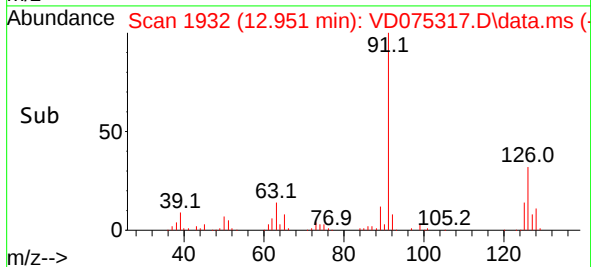
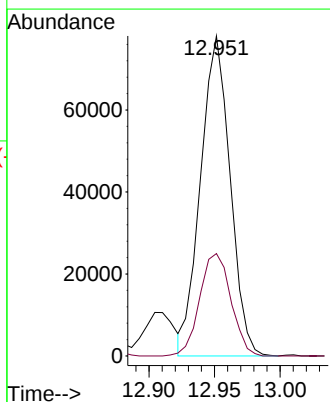
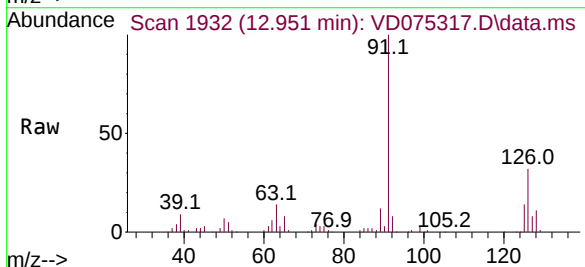
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

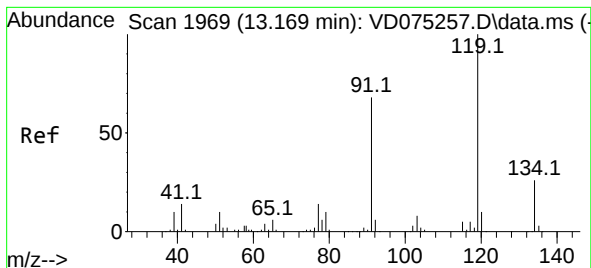
Tgt Ion: 75 Resp: 6503
Ion Ratio Lower Upper
75 100
53 95.6 70.5 105.7
89 46.5 34.6 52.0



#82
4-Chlorotoluene
Concen: 52.102 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

Tgt Ion: 91 Resp: 122435
Ion Ratio Lower Upper
91 100
126 33.8 17.3 52.0





#83

tert-Butylbenzene

Concen: 54.833 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

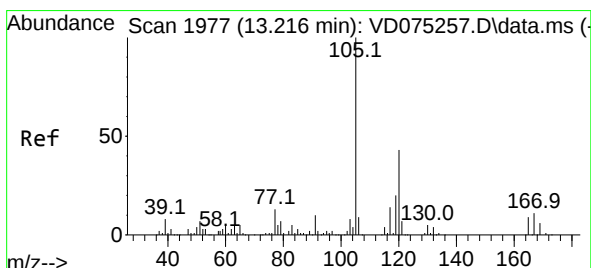
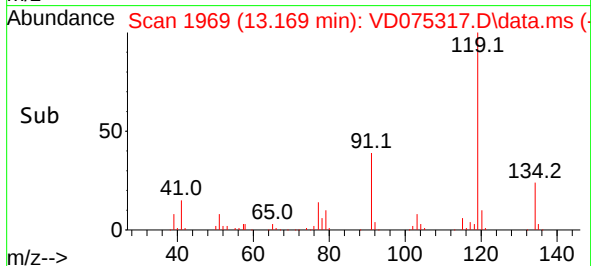
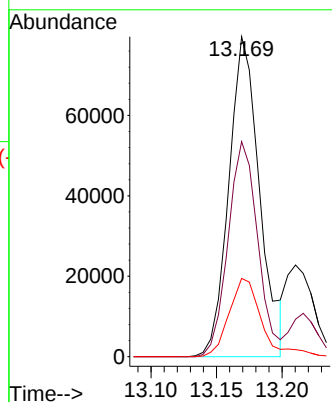
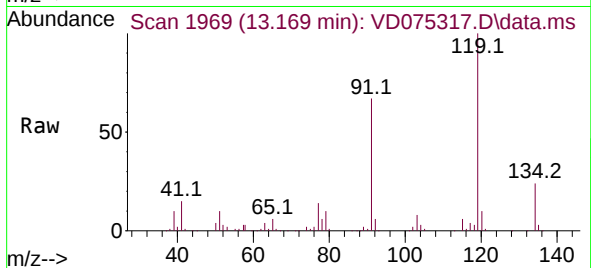
Tgt Ion:119 Resp: 129913

Ion Ratio Lower Upper

119 100

91 64.9 32.9 98.6

134 26.0 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 52.048 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075317.D

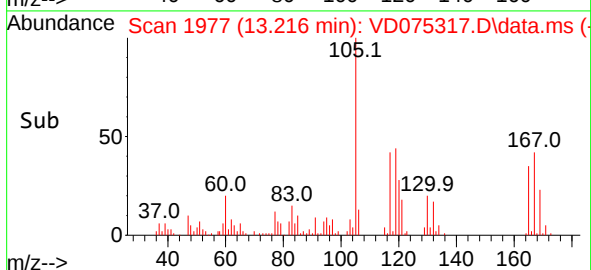
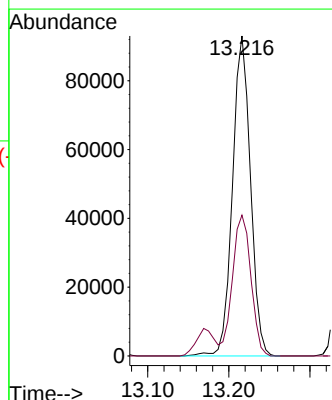
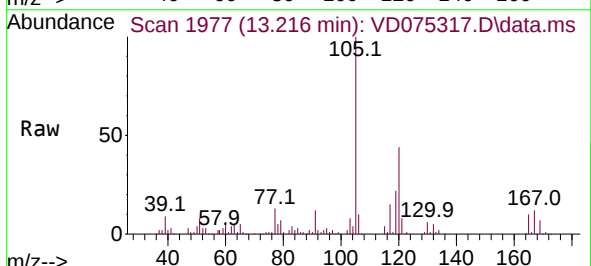
Acq: 13 Feb 2023 09:20

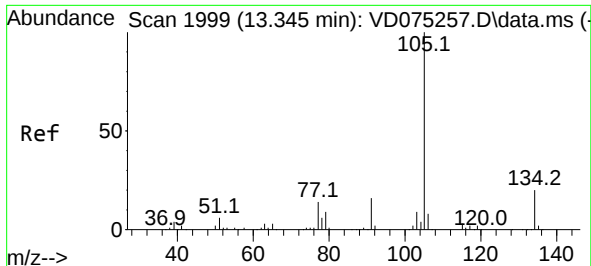
Tgt Ion:105 Resp: 142863

Ion Ratio Lower Upper

105 100

120 45.4 23.2 69.5

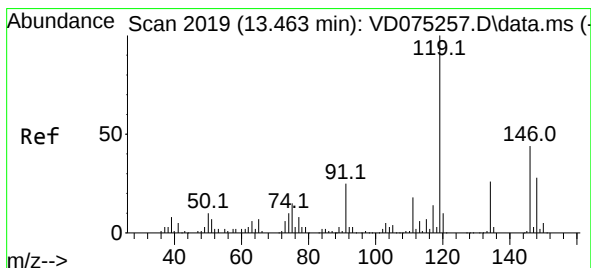
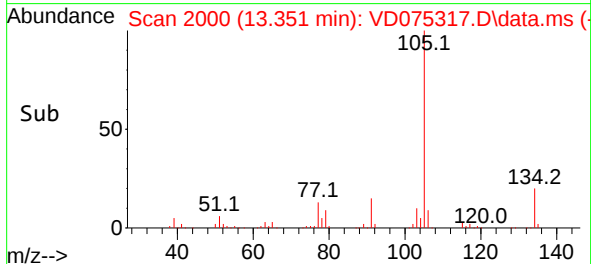
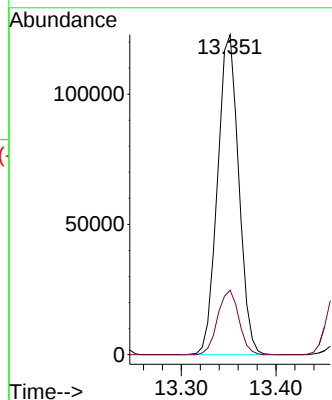
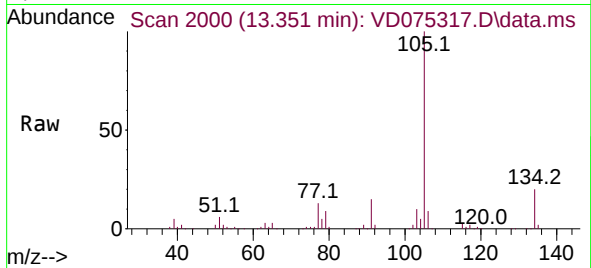




#85
 sec-Butylbenzene
 Concen: 52.573 ug/l
 RT: 13.351 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VD075317.D
 Acq: 13 Feb 2023 09:20

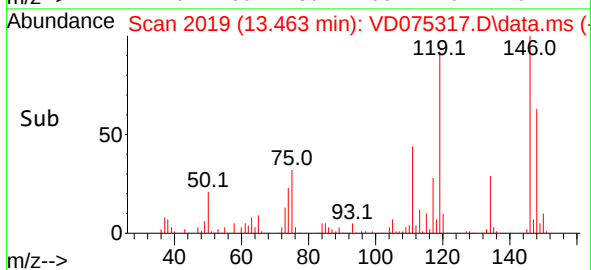
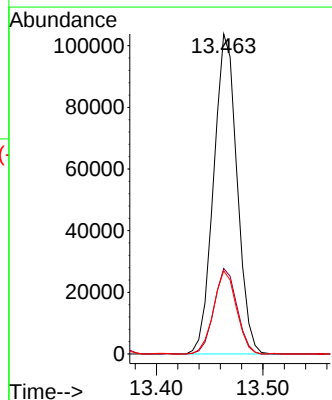
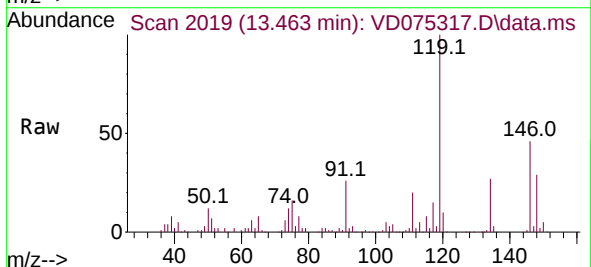
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

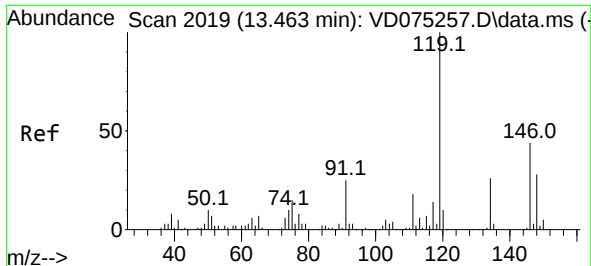
Tgt Ion:105 Resp: 191081
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 53.168 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075317.D
 Acq: 13 Feb 2023 09:20

Tgt Ion:119 Resp: 158080
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 25.4 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 51.101 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

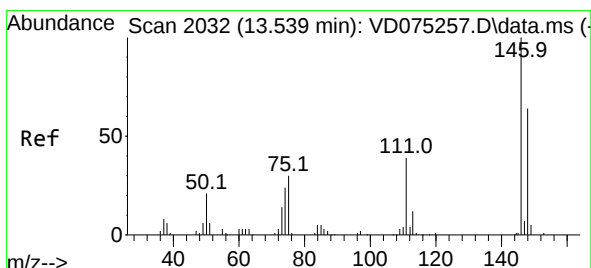
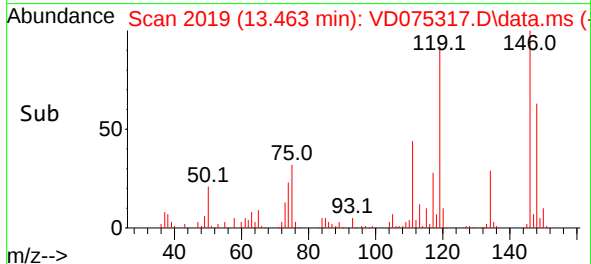
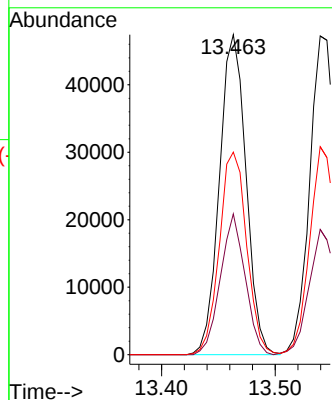
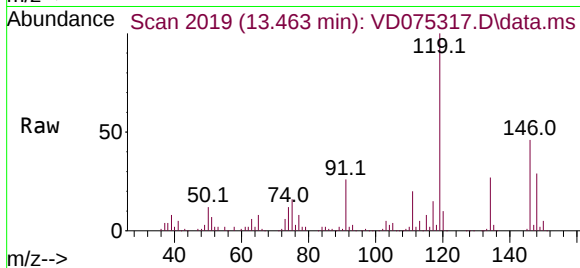
Tgt Ion:146 Resp: 77194

Ion Ratio Lower Upper

146 100

111 40.9 18.9 56.9

148 65.0 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 51.568 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

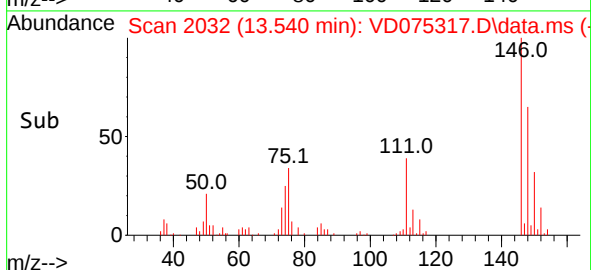
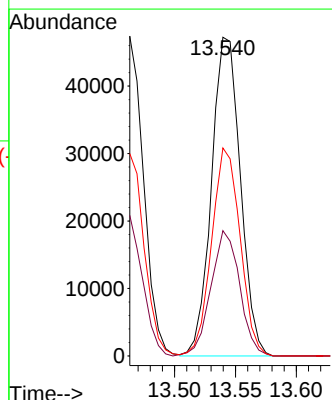
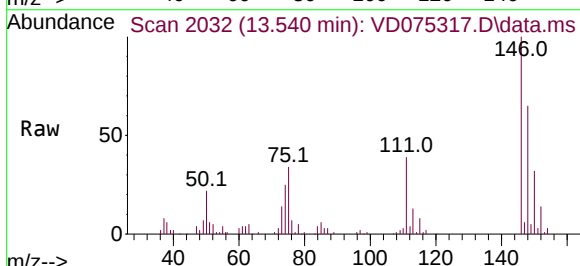
Tgt Ion:146 Resp: 77949

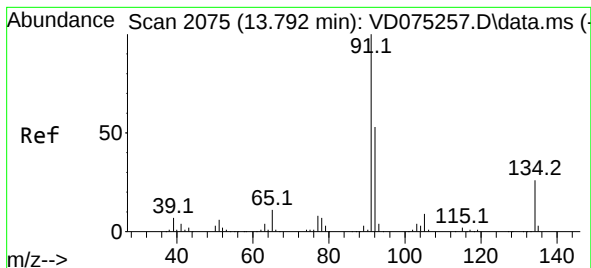
Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.1

148 64.5 31.9 95.5





#89

n-Butylbenzene

Concen: 52.216 ug/l

RT: 13.793 min Scan# 2075

Delta R.T. 0.001 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

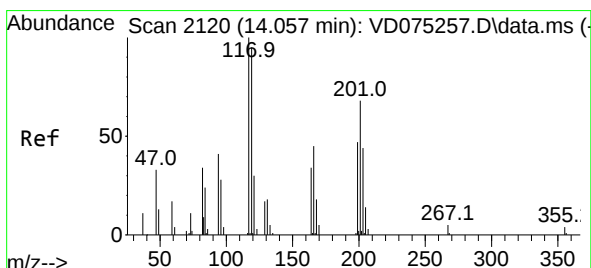
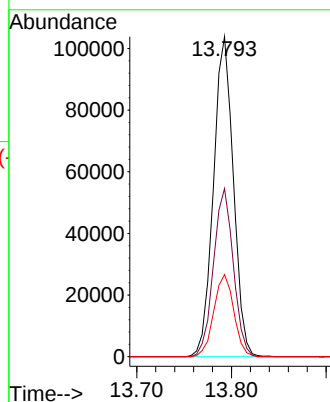
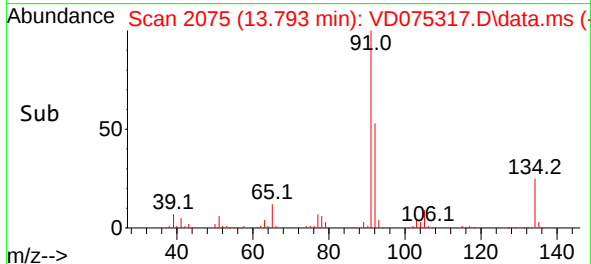
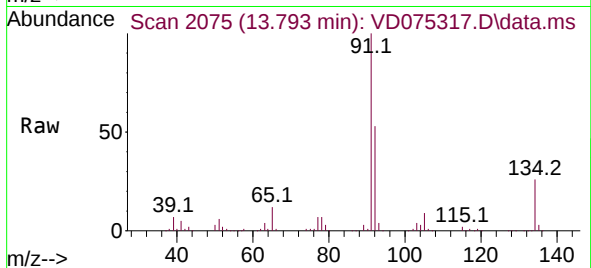
Tgt Ion: 91 Resp: 151565

Ion Ratio Lower Upper

91 100

92 52.3 26.8 80.3

134 25.8 13.3 39.8



#90

Hexachloroethane

Concen: 50.382 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD075317.D

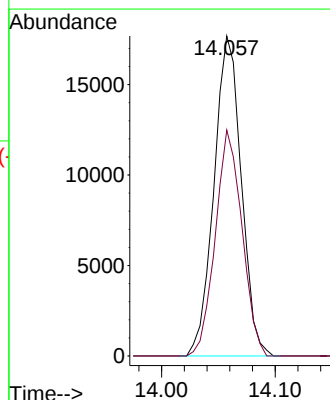
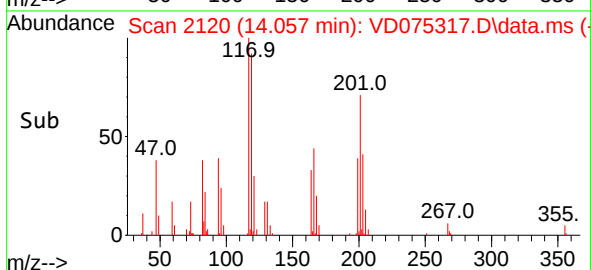
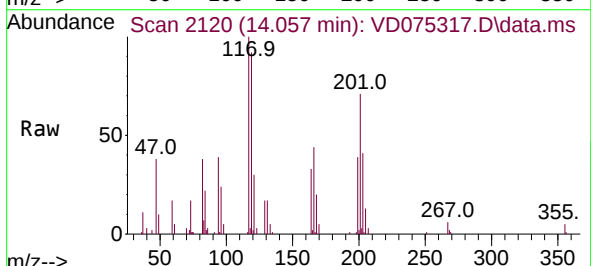
Acq: 13 Feb 2023 09:20

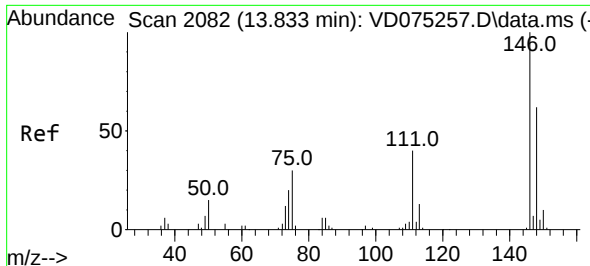
Tgt Ion: 117 Resp: 29532

Ion Ratio Lower Upper

117 100

201 68.9 35.1 105.5





#91

1,2-Dichlorobenzene

Concen: 52.278 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.001 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

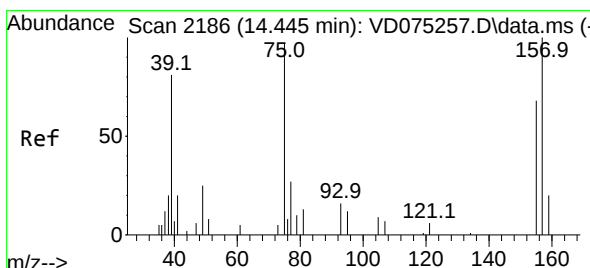
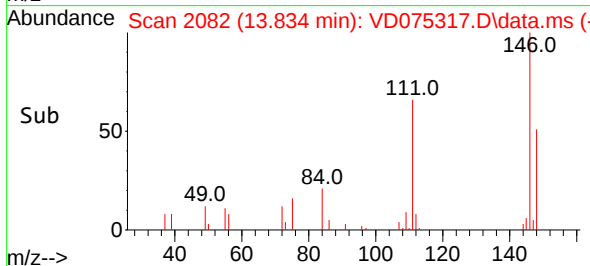
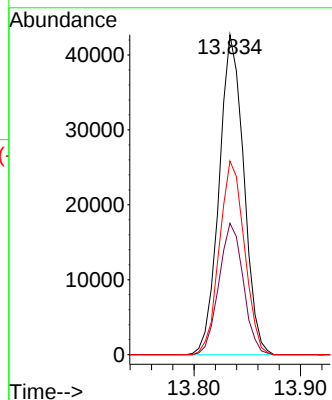
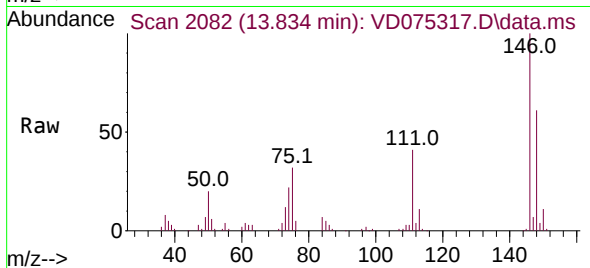
Tgt Ion:146 Resp: 68522

Ion Ratio Lower Upper

146 100

111 40.6 20.4 61.2

148 61.6 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.592 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075317.D

Acq: 13 Feb 2023 09:20

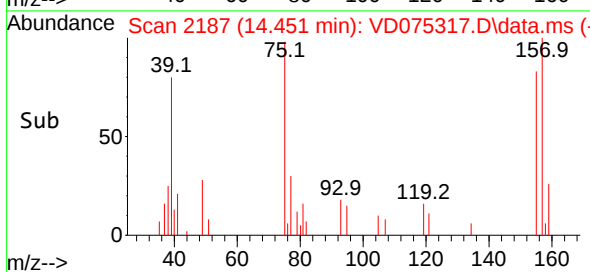
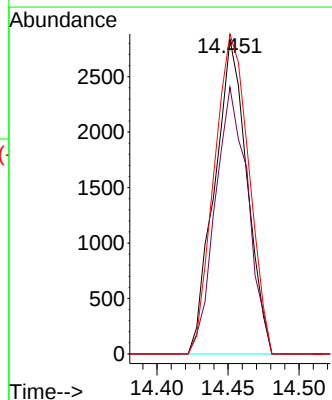
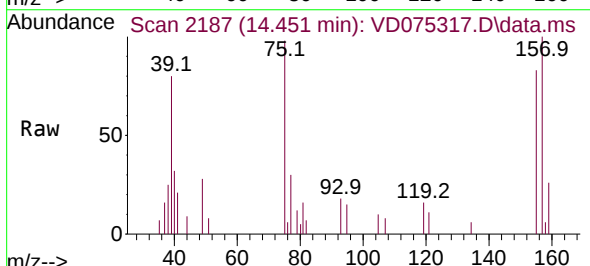
Tgt Ion: 75 Resp: 4506

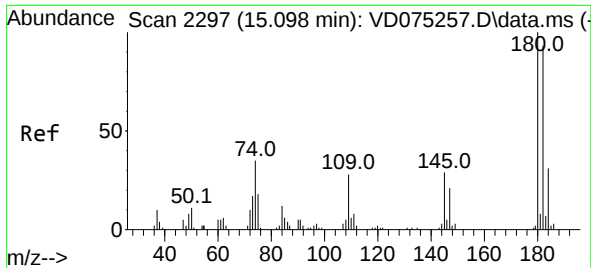
Ion Ratio Lower Upper

75 100

155 85.1 43.4 130.2

157 108.2 56.4 169.2

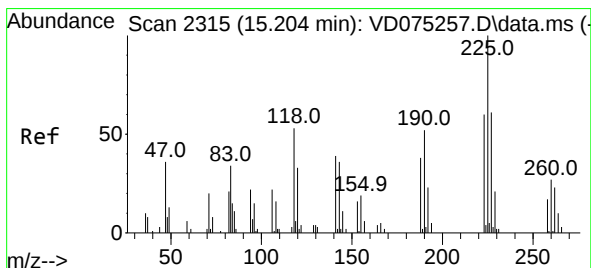
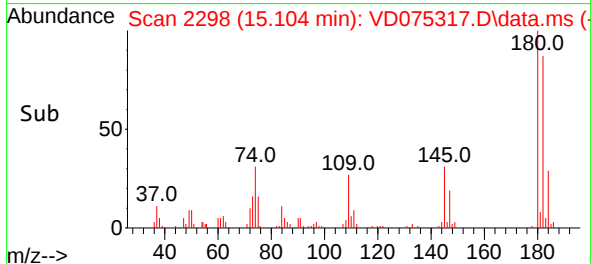
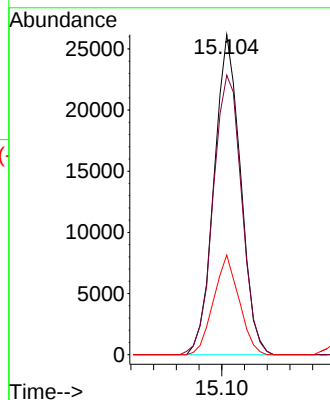
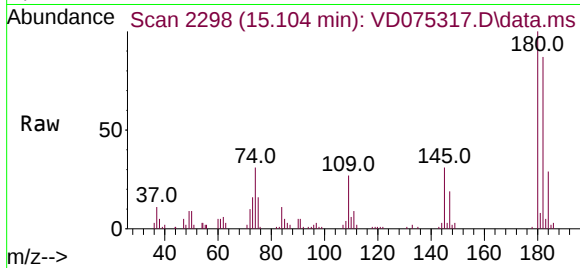




#93
1,2,4-Trichlorobenzene
Concen: 51.513 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

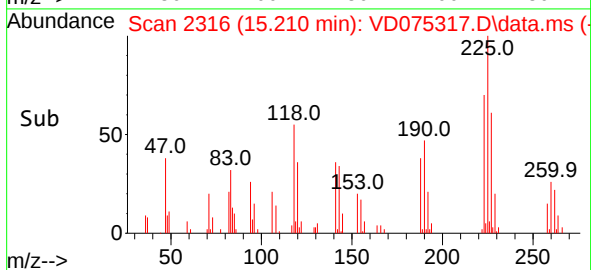
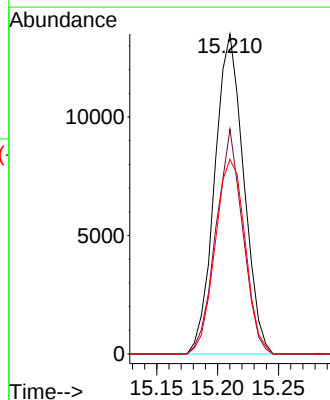
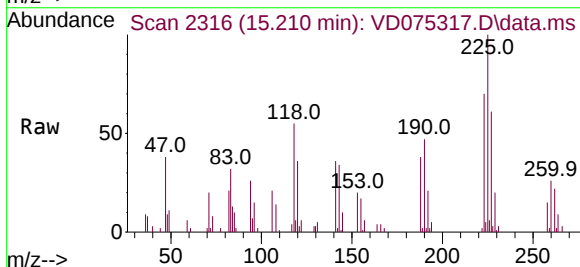
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

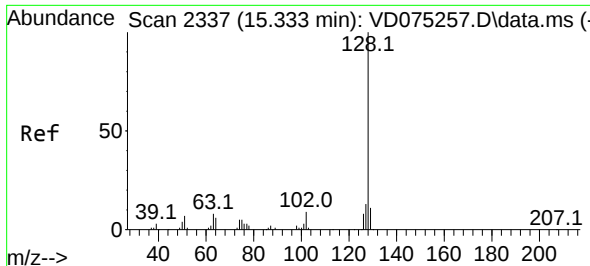
Tgt Ion:180 Resp: 42287
Ion Ratio Lower Upper
180 100
182 94.1 46.2 138.6
145 30.0 15.8 47.4



#94
Hexachlorobutadiene
Concen: 51.659 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

Tgt Ion:225 Resp: 22374
Ion Ratio Lower Upper
225 100
223 64.9 31.8 95.4
227 63.1 30.7 92.1

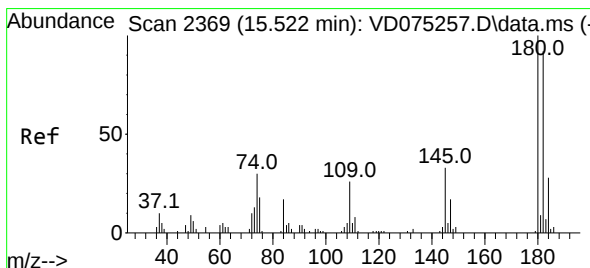
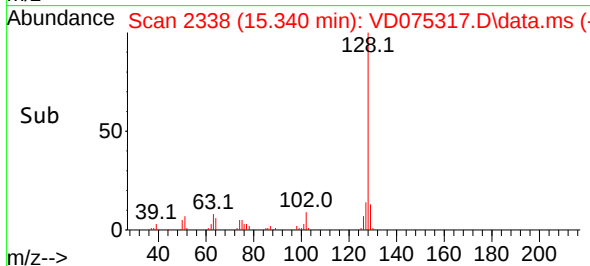
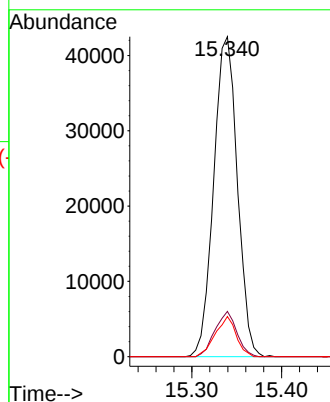
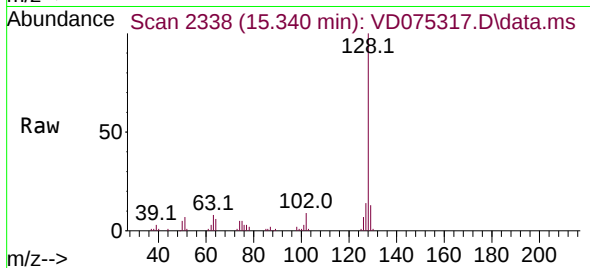




#95
Naphthalene
Concen: 50.883 ug/l
RT: 15.340 min Scan# 21
Delta R.T. 0.007 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128	Resp:	77745
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.6 15.8
129	11.1	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.985 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075317.D
Acq: 13 Feb 2023 09:20

Tgt Ion:180	Resp:	35404
Ion Ratio	Lower	Upper
180	100	
182	96.5	47.0 141.0
145	33.5	16.1 48.3

