

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050323\
 Data File : VD075992.D
 Acq On : 03 May 2023 20:26
 Operator : KP/SY
 Sample : 02593-06MSD
 Misc : 5.91G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 04 03:11:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 02:54:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	11520	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.581	117	11837	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	5116	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	4706	18.621	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.480%
7) Chloroethane-d5	2.805	69	2585	11.839	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.360%
11) 1,1-Dichloroethene-d2	3.911	65	371	6.368	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	25.480%#
21) 2-Butanone-d5	6.993	46	2006	91.435	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	182.860%#
24) Chloroform-d	7.557	84	4790	16.628	ug/L	-0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.520%
26) 1,2-Dichloroethane-d4	8.234	65	4766	38.741	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	154.960%#
32) Benzene-d6	8.204	84	13493	19.558	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.240%
36) 1,2-Dichloropropane-d6	9.204	67	4822	25.251	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.000%
41) Toluene-d8	10.269	98	10545	16.326	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.320%
43) trans-1,3-Dichloroprop...	10.528	79	1598	20.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.000%
47) 2-Hexanone-d5	10.881	63	1303	56.669	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.340%
56) 1,1,2,2-Tetrachloroeth...	12.657	84	6000	41.060	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	164.240%#
66) 1,2-Dichlorobenzene-d4	13.816	152	4676	25.840	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.360%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	1933	12.172	ug/L	94
3) Chloromethane	2.140	50	6897	31.154	ug/L	97
5) Vinyl chloride	2.275	62	5523	19.088	ug/L	# 82
6) Bromomethane	2.693	94	3540	18.208	ug/L	89
8) Chloroethane	2.846	64	2685	14.349	ug/L	87
9) Trichlorofluoromethane	3.187	101	3220	13.850	ug/L	# 26
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	898	5.750	ug/L	# 84
12) 1,1-Dichloroethene	3.934	96	1106	7.302	ug/L	# 69
13) Acetone	4.016	43	3427	182.531	ug/L	88
14) Carbon disulfide	4.281	76	9323	17.622	ug/L	# 93
15) Methyl Acetate	4.569	43	1561	38.364	ug/L	# 79
16) Methylene chloride	4.793	84	2877	12.311	ug/L	90
17) trans-1,2-Dichloroethene	5.305	96	3527	20.766	ug/L	97
18) Methyl tert-butyl Ether	5.310	73	6862	25.187	ug/L	# 79
19) 1,1-Dichloroethane	6.116	63	751	3.018	ug/L	92
20) cis-1,2-Dichloroethene	7.075	96	3994	22.239	ug/L	94
22) 2-Butanone	7.081	43	1421	58.056	ug/L	71
23) Bromochloromethane	7.434	128	1014	12.175	ug/L	# 81
25) Chloroform	7.587	83	3803	13.638	ug/L	98

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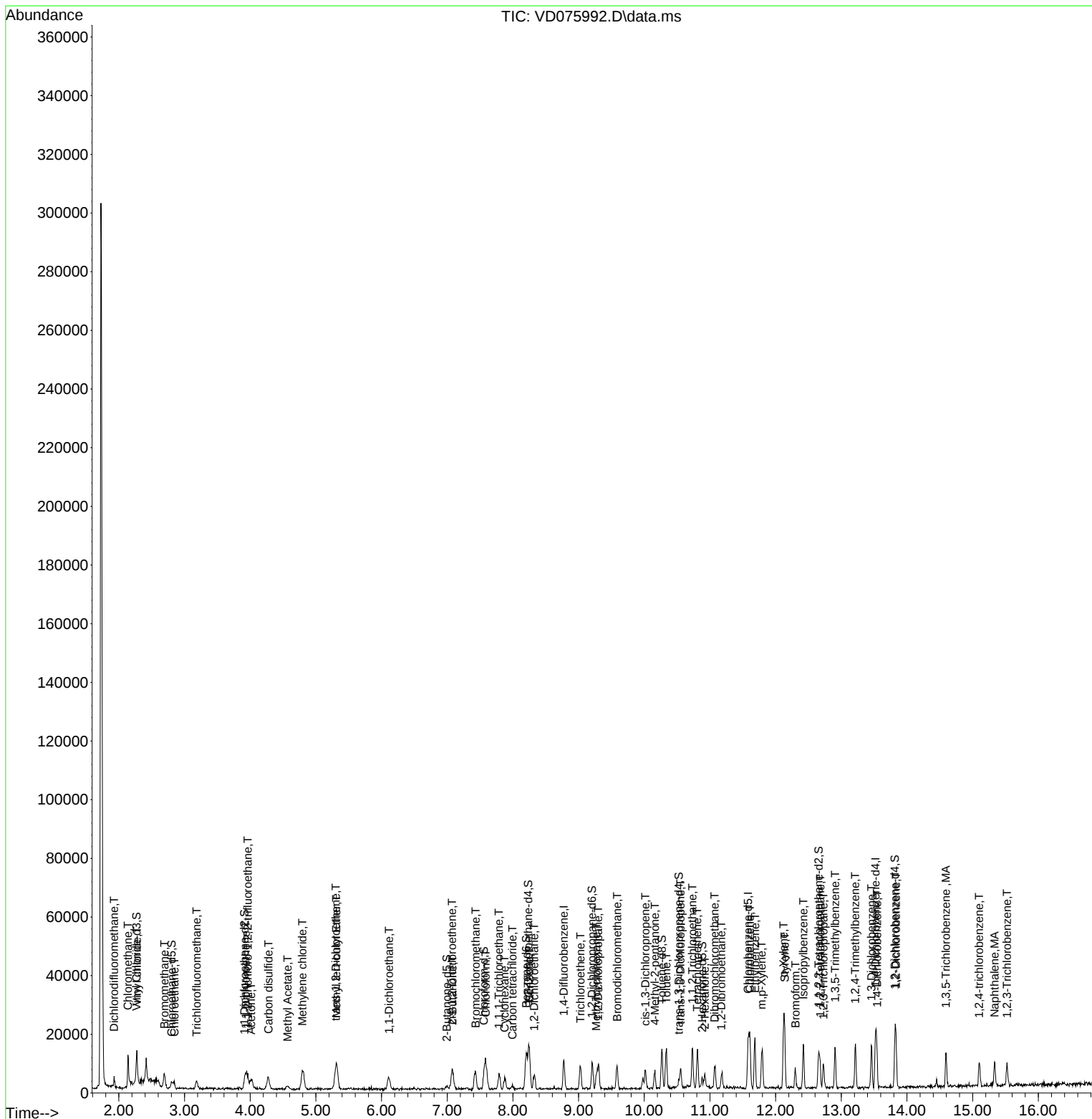
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 ClientSampleId :

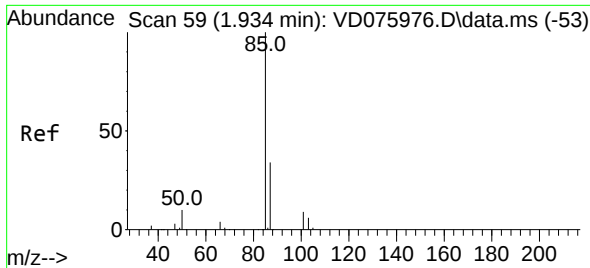
Quant Time: May 04 03:11:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 02:54:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	4840	33.625	ug/L	97
29) Cyclohexane	7.875	56	1882	9.288	ug/L #	87
30) 1,1,1-Trichloroethane	7.787	97	4416	17.633	ug/L	99
31) Carbon tetrachloride	7.993	117	381	1.896	ug/L #	1
33) Benzene	8.252	78	13054	18.232	ug/L	100
34) Trichloroethene	9.028	95	3311	17.882	ug/L	99
35) Methylcyclohexane	9.269	83	2280	7.987	ug/L	93
37) 1,2-Dichloropropane	9.299	63	3984	24.223	ug/L #	85
38) Bromodichloromethane	9.587	83	5867	26.456	ug/L #	85
39) cis-1,3-Dichloropropene	10.016	75	4288	16.393	ug/L	85
40) 4-Methyl-2-pentanone	10.163	43	3608	60.167	ug/L #	95
42) Toluene	10.340	91	12180	15.720	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	4392	20.902	ug/L	92
45) 1,1,2-Trichloroethane	10.734	97	4914	35.119	ug/L #	83
46) Tetrachloroethene	10.804	164	3373	22.209	ug/L #	78
48) 2-Hexanone	10.922	43	3098	73.283	ug/L #	84
49) Dibromochloromethane	11.069	129	4284	28.124	ug/L	90
50) 1,2-Dibromoethane	11.175	107	3791	30.052	ug/L #	96
51) Chlorobenzene	11.610	112	10340	20.399	ug/L	94
52) Ethylbenzene	11.687	91	12793	16.101	ug/L	96
53) m,p-Xylene	11.787	106	2789	8.815	ug/L	74
54) o-Xylene	12.122	106	5491	18.273	ug/L	72
55) Styrene	12.140	104	9119	17.435	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.681	83	4842	34.010	ug/L #	82
59) Bromoform	12.304	173	2937	37.458	ug/L #	95
60) Isopropylbenzene	12.422	105	10217	15.061	ug/L	97
61) 1,2,3-Trichloropropane	12.728	75	3558	44.272	ug/L #	83
62) 1,3,5-Trimethylbenzene	12.904	105	8024	15.862	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	8756	17.957	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	7257	22.358	ug/L	92
65) 1,4-Dichlorobenzene	13.545	146	7040	20.666	ug/L	93
67) 1,2-Dichlorobenzene	13.834	146	7245	24.995	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	4097	18.832	ug/L	95
70) 1,2,4-trichlorobenzene	15.098	180	3842	21.310	ug/L	95
71) Naphthalene	15.333	128	7687	23.299	ug/L	95
72) 1,2,3-Trichlorobenzene	15.522	180	3383	21.021	ug/L #	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

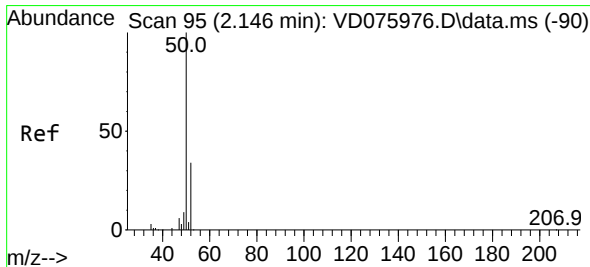
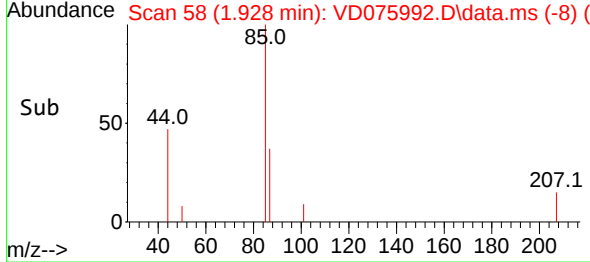
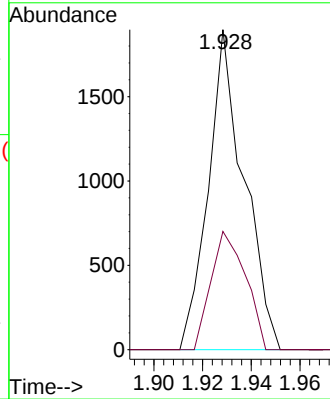
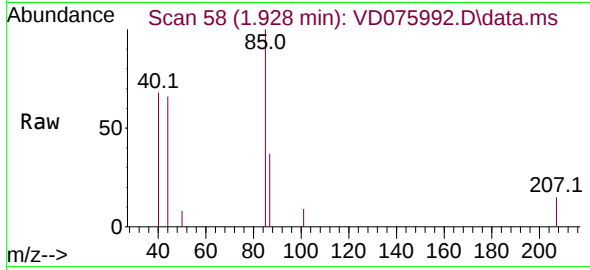




#2
Dichlorodifluoromethane
Concen: 12.172 ug/L
RT: 1.928 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

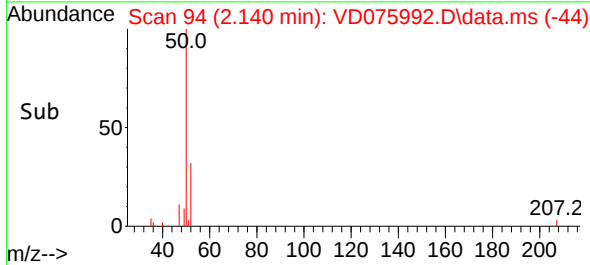
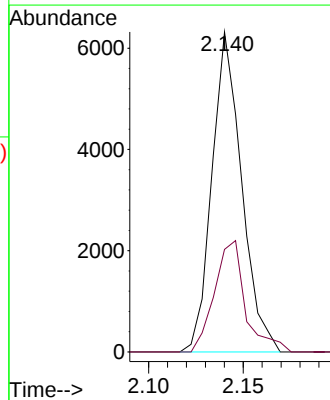
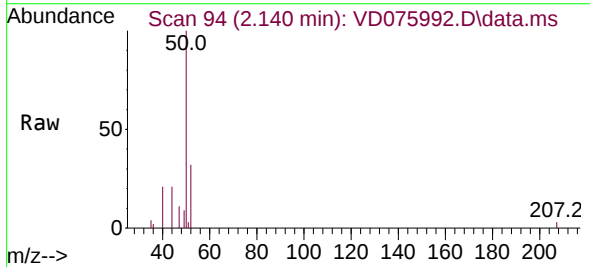
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MSVOA_D
ClientSampleId :

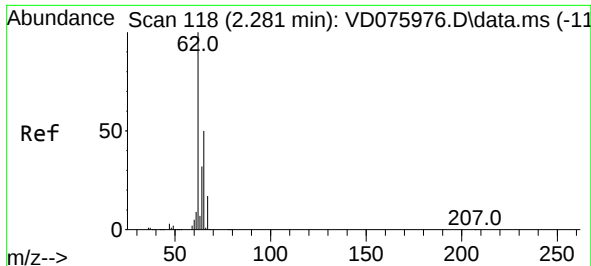
Tgt Ion: 85 Resp: 1933
Ion Ratio Lower Upper
85 100
87 35.8 25.8 38.8



#3
Chloromethane
Concen: 31.154 ug/L
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

Tgt Ion: 50 Resp: 6897
Ion Ratio Lower Upper
50 100
52 32.1 23.7 44.1

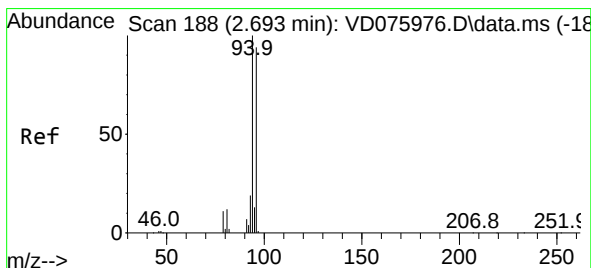
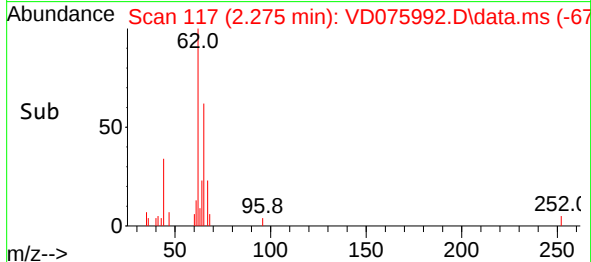
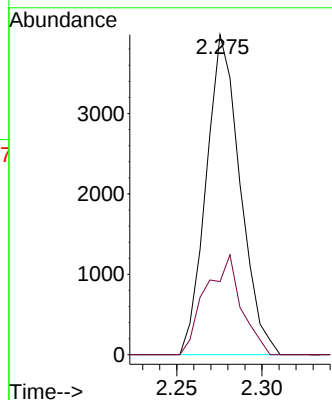
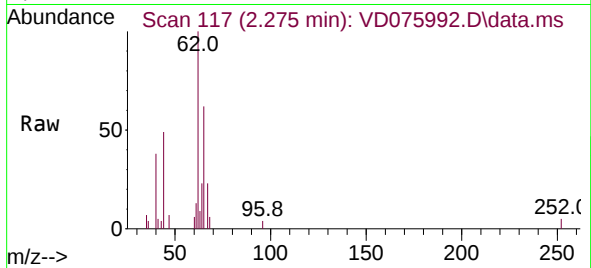




#5
 Vinyl chloride
 Concen: 19.088 ug/L
 RT: 2.275 min Scan# 118
 Delta R.T. -0.006 min
 Lab File: VD075992.D
 Acq: 03 May 2023 20:26

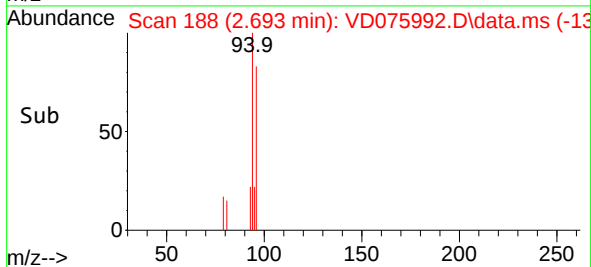
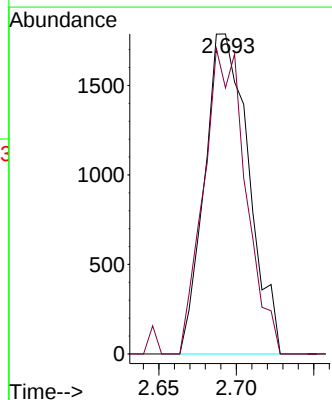
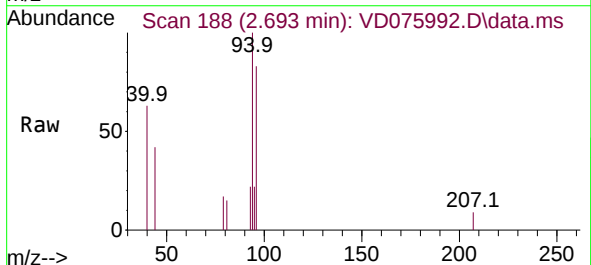
Instrument :
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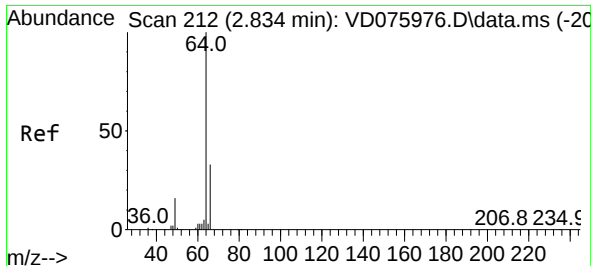
Tgt Ion: 62 Resp: 5523
 Ion Ratio Lower Upper
 62 100
 64 22.9 23.2 43.0#



#6
 Bromomethane
 Concen: 18.208 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD075992.D
 Acq: 03 May 2023 20:26

Tgt Ion: 94 Resp: 3540
 Ion Ratio Lower Upper
 94 100
 96 83.2 65.7 121.9

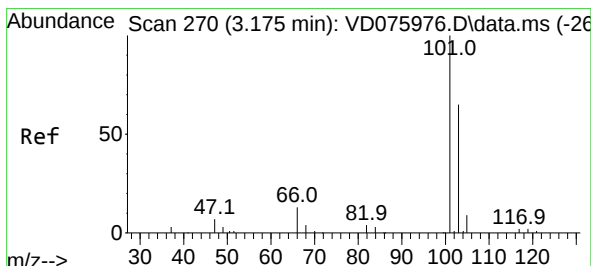
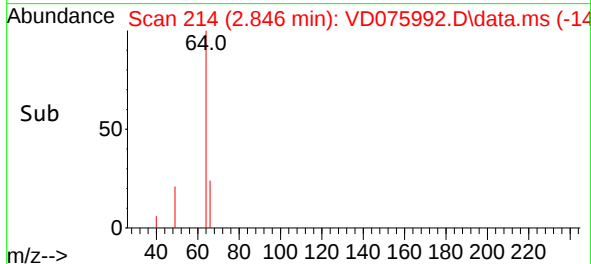
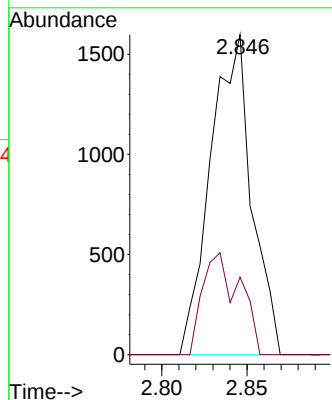
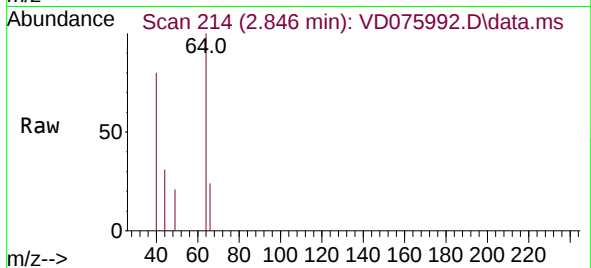




#8
Chloroethane
Concen: 14.349 ug/L
RT: 2.846 min Scan# 212
Delta R.T. 0.012 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

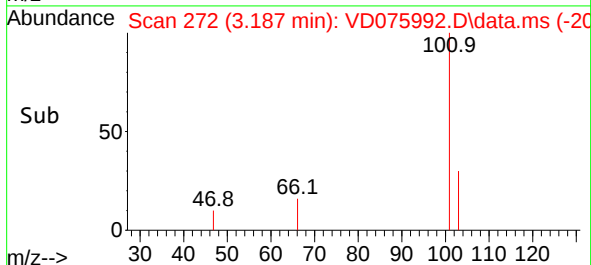
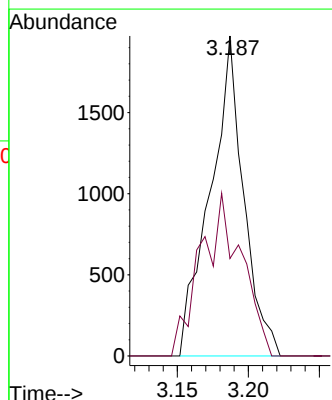
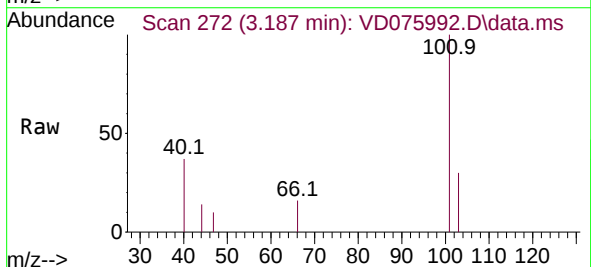
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MSVOA_D
ClientSampleId :

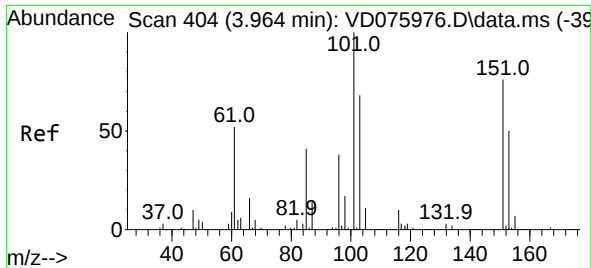
Tgt Ion: 64 Resp: 2685
Ion Ratio Lower Upper
64 100
66 24.2 21.8 40.4



#9
Trichlorofluoromethane
Concen: 13.850 ug/L
RT: 3.187 min Scan# 272
Delta R.T. 0.012 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

Tgt Ion:101 Resp: 3220
Ion Ratio Lower Upper
101 100
103 6.8 52.2 78.4#

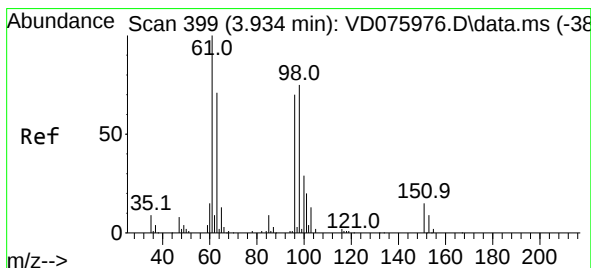
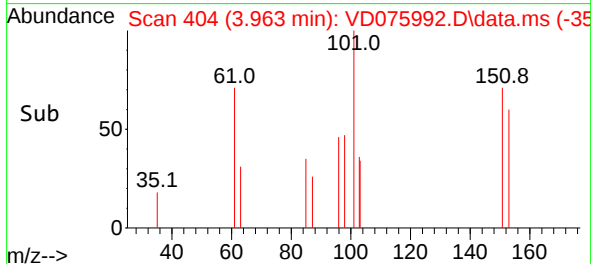
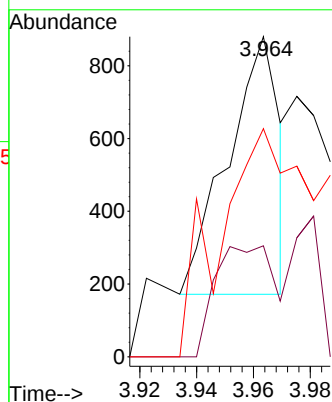
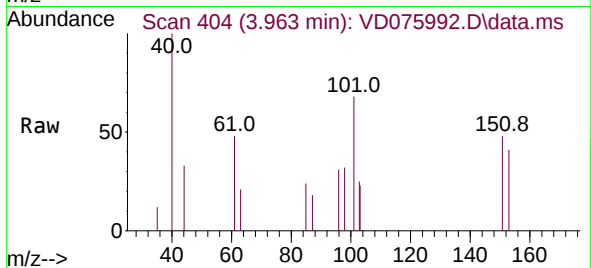




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.750 ug/L
 RT: 3.963 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD075992.D
 Acq: 03 May 2023 20:26

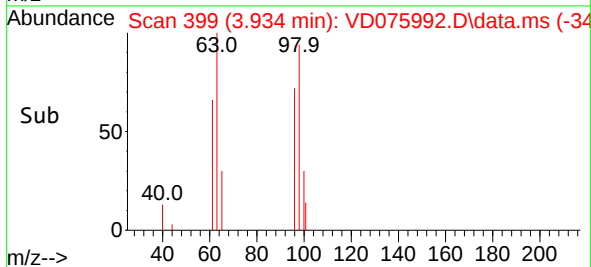
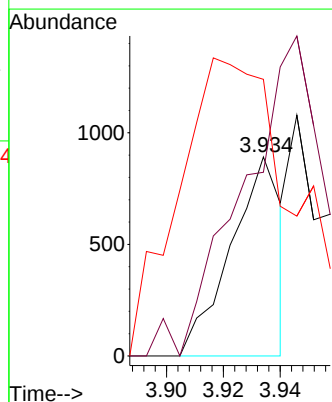
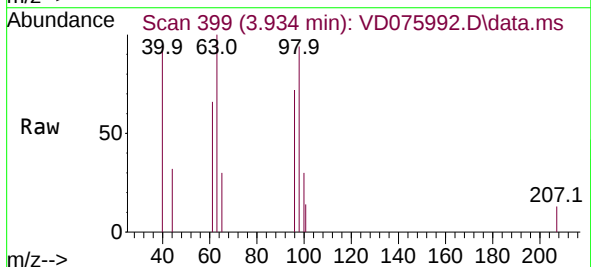
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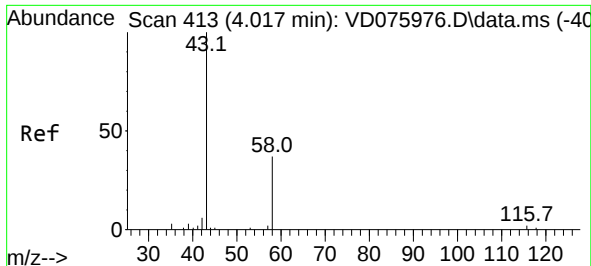
Tgt Ion:101 Resp: 898
 Ion Ratio Lower Upper
 101 100
 85 49.4 32.9 49.3#
 151 86.1 57.2 85.8#



#12
 1,1-Dichloroethene
 Concen: 7.302 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VD075992.D
 Acq: 03 May 2023 20:26

Tgt Ion: 96 Resp: 1106
 Ion Ratio Lower Upper
 96 100
 61 92.3 92.6 172.0#
 63 139.0 77.4 143.8





#13

Acetone

Concen: 182.531 ug/L

RT: 4.016 min Scan# 413

Delta R.T. -0.000 min

Lab File: VD075992.D

Acq: 03 May 2023 20:26

Instrument :

MSVOA_D

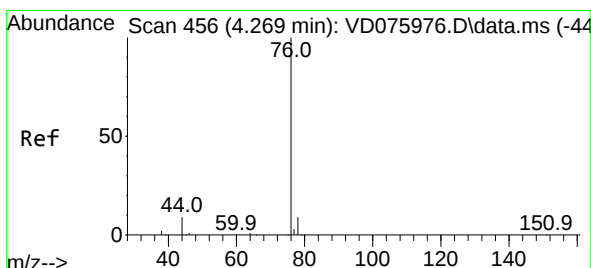
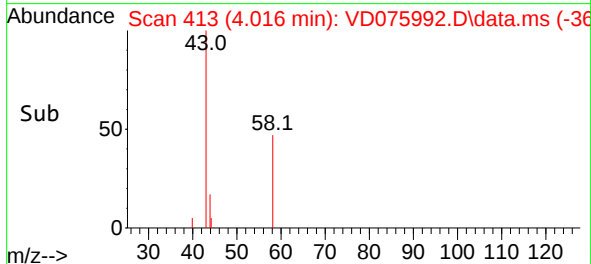
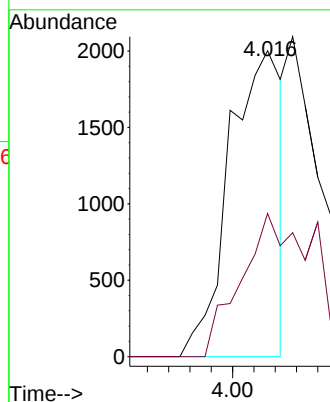
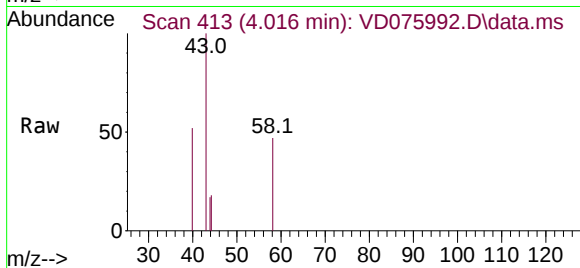
ClientSampleId :

Tgt Ion: 43 Resp: 3427

Ion Ratio Lower Upper

43 100

58 51.2 0.0 87.4



#14

Carbon disulfide

Concen: 17.622 ug/L

RT: 4.281 min Scan# 458

Delta R.T. 0.012 min

Lab File: VD075992.D

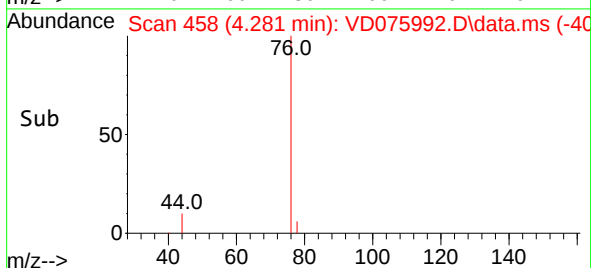
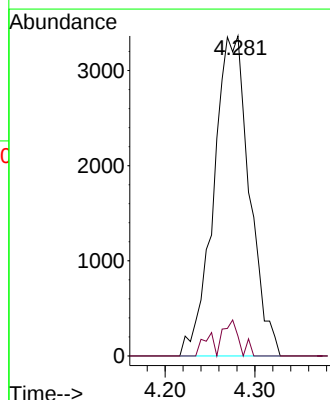
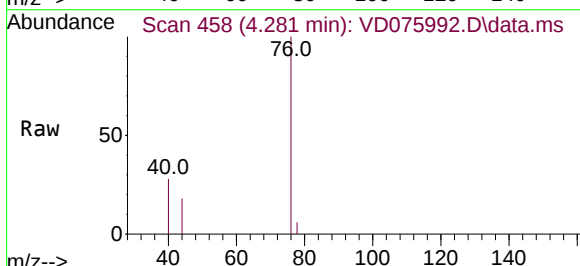
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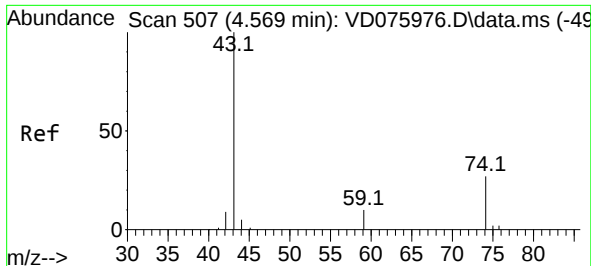
Tgt Ion: 76 Resp: 9323

Ion Ratio Lower Upper

76 100

78 6.2 7.0 10.6#

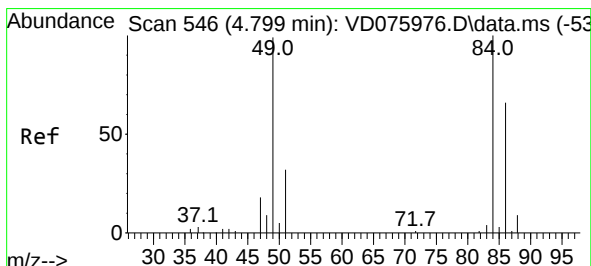
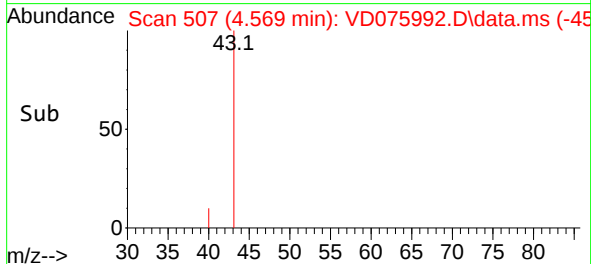
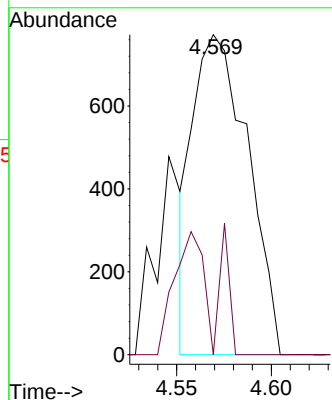
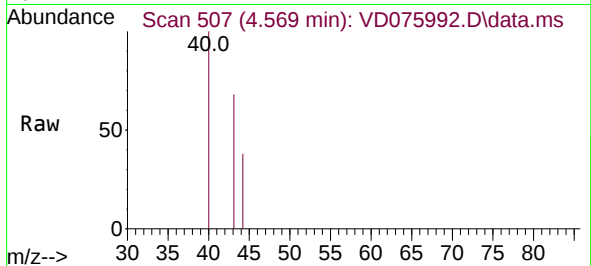




#15
Methyl Acetate
Concen: 38.364 ug/L
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

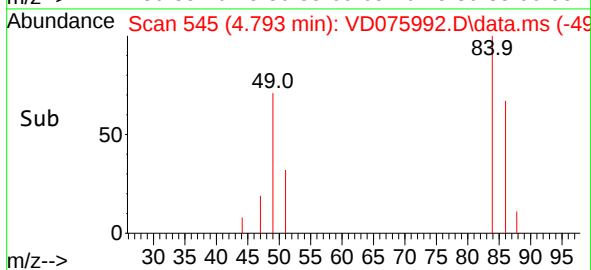
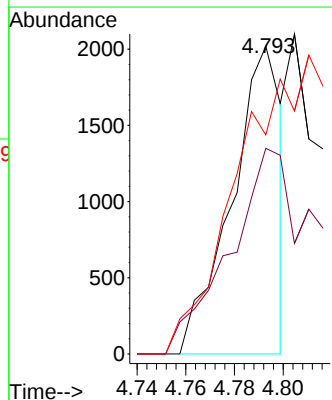
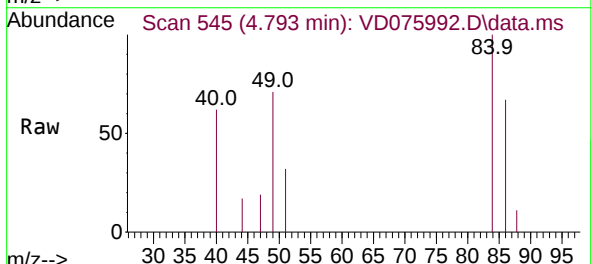
Instrument :
MSVOA_D
ClientSampleId :

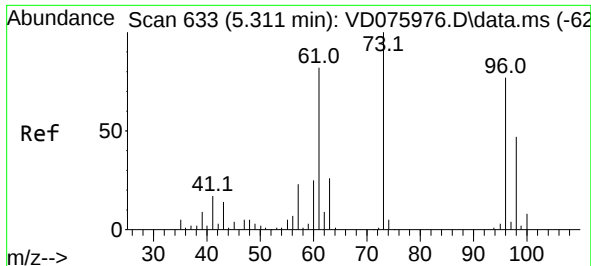
Tgt Ion: 43 Resp: 1561
Ion Ratio Lower Upper
43 100
74 7.2 12.8 19.2#



#16
Methylene chloride
Concen: 12.311 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

Tgt Ion: 84 Resp: 2877
Ion Ratio Lower Upper
84 100
86 66.8 45.8 85.2
49 71.2 60.8 112.8





#17

trans-1,2-Dichloroethene

Concen: 20.766 ug/L

RT: 5.305 min Scan# 61

Delta R.T. -0.006 min

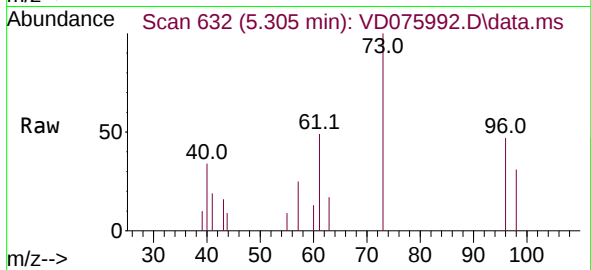
Lab File: VD075992.D

Acq: 03 May 2023 20:26

Instrument :

MSVOA_D

ClientSampleId :



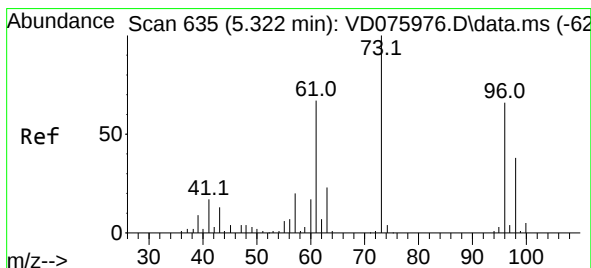
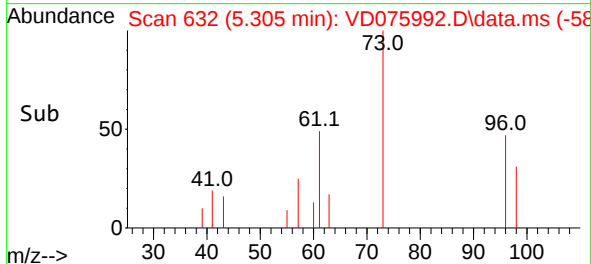
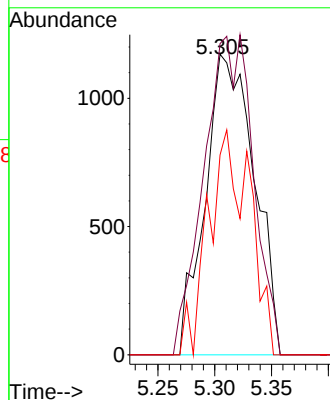
Tgt Ion: 96 Resp: 3527

Ion Ratio Lower Upper

96 100

61 103.5 72.9 135.5

98 66.5 43.0 79.8



#18

Methyl tert-butyl Ether

Concen: 25.187 ug/L

RT: 5.310 min Scan# 633

Delta R.T. -0.012 min

Lab File: VD075992.D

Acq: 03 May 2023 20:26

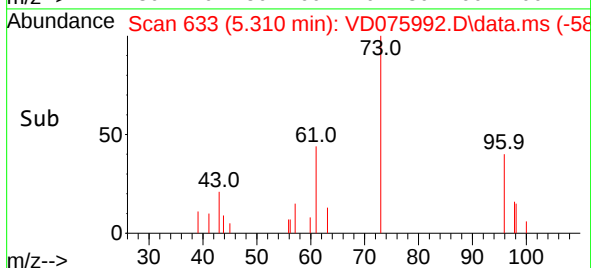
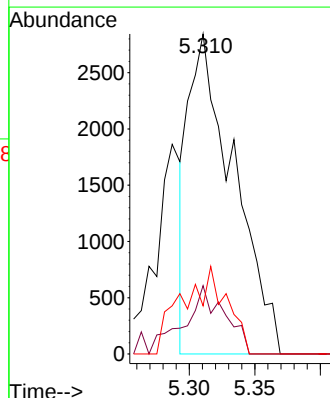
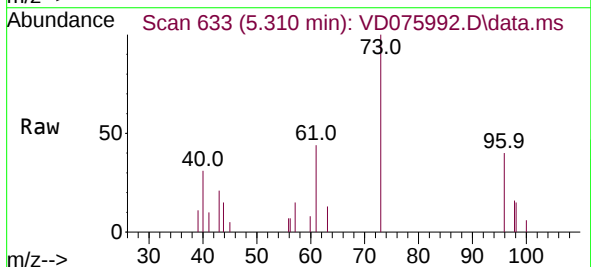
Tgt Ion: 73 Resp: 6862

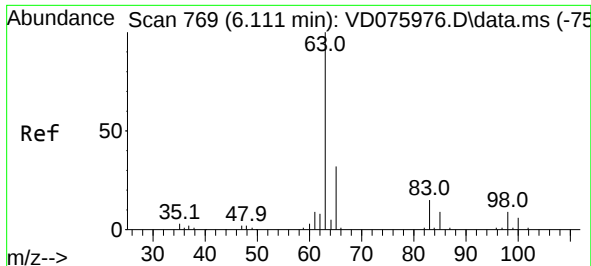
Ion Ratio Lower Upper

73 100

43 12.4 11.3 16.9

57 5.4 16.3 24.5#





#19

1,1-Dichloroethane

Concen: 3.018 ug/L

RT: 6.116 min Scan# 7

Delta R.T. 0.006 min

Lab File: VD075992.D

Acq: 03 May 2023 20:26

Instrument :

MSVOA_D

ClientSampleId :

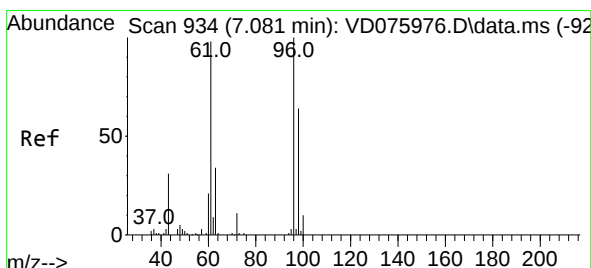
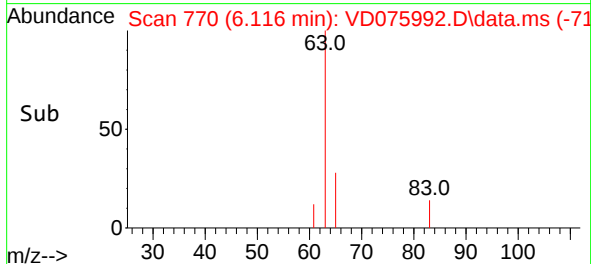
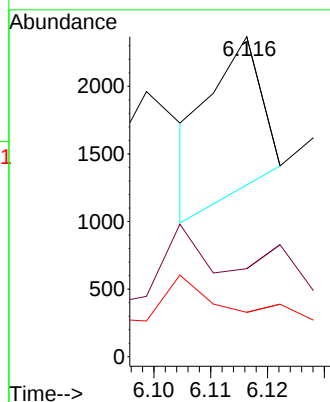
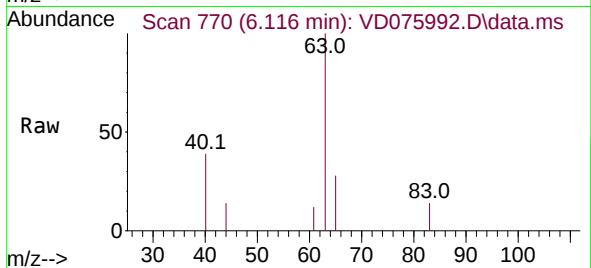
Tgt Ion: 63 Resp: 751

Ion Ratio Lower Upper

63 100

65 27.5 22.8 42.4

83 13.9 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 22.239 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD075992.D

Acq: 03 May 2023 20:26

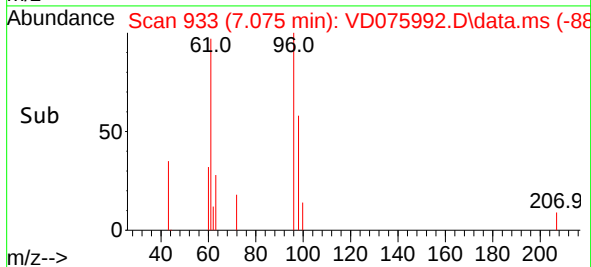
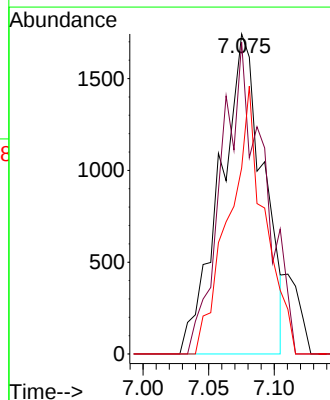
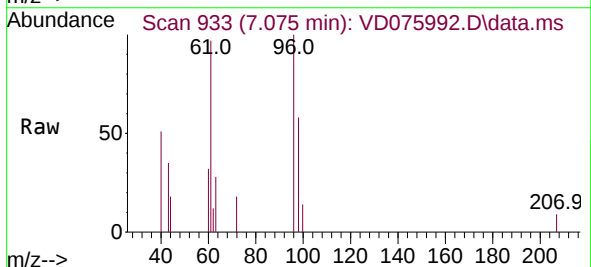
Tgt Ion: 96 Resp: 3994

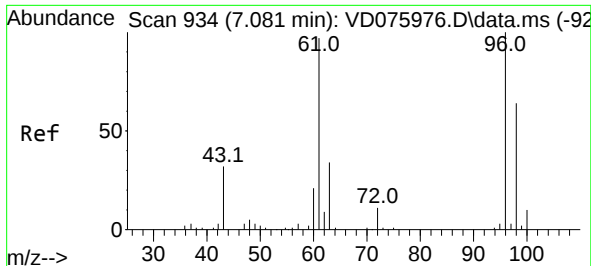
Ion Ratio Lower Upper

96 100

61 97.5 67.5 125.3

98 58.1 47.5 88.1

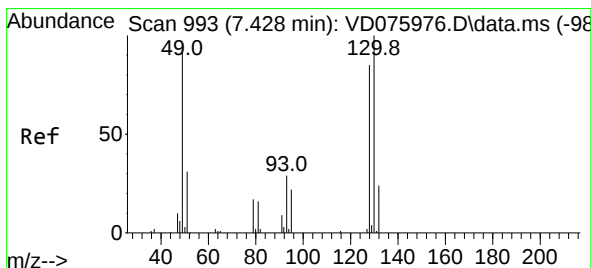
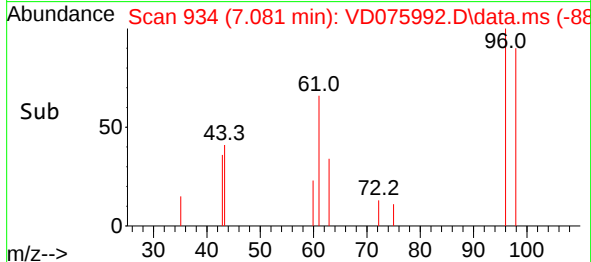
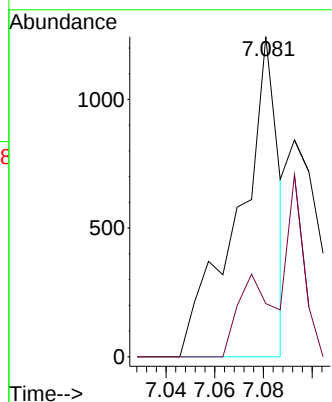
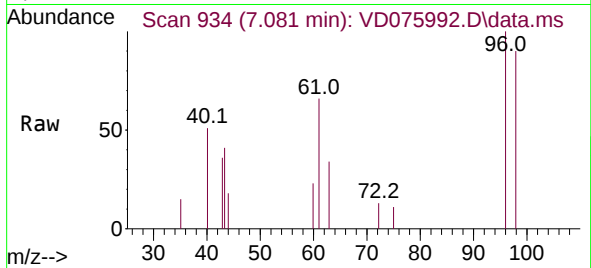




#22
2-Butanone
Concen: 58.056 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

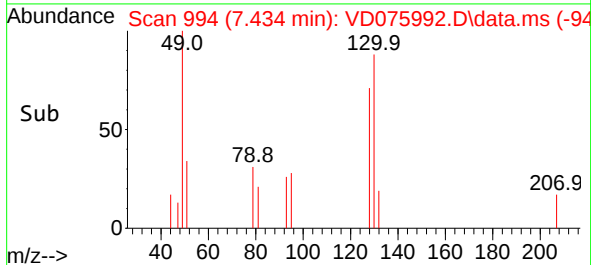
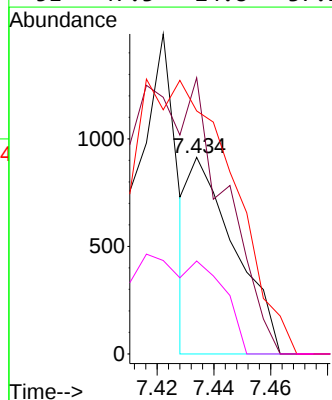
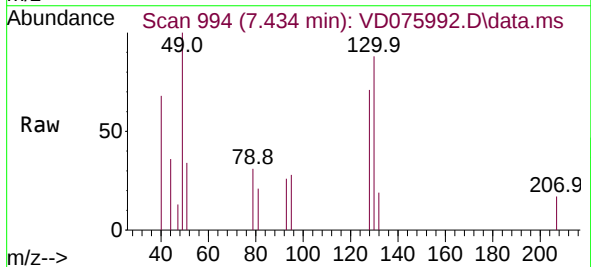
Instrument :
MSVOA_D
ClientSampleId :

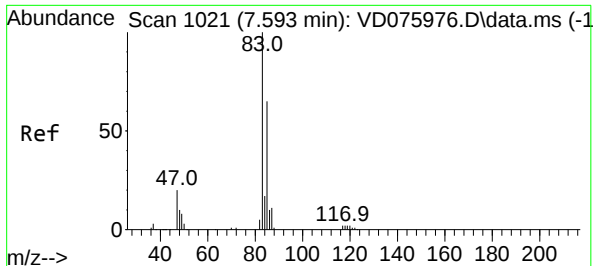
Tgt Ion: 43 Resp: 1421
Ion Ratio Lower Upper
43 100
72 22.6 20.5 61.5



#23
Bromochloromethane
Concen: 12.175 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

Tgt Ion:128 Resp: 1014
Ion Ratio Lower Upper
128 100
49 140.5 76.4 142.0
130 123.6 93.5 173.7
51 47.3 24.8 37.2#





#25

Chloroform

Concen: 13.638 ug/L

RT: 7.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075992.D

Acq: 03 May 2023 20:26

Instrument :

MSVOA_D

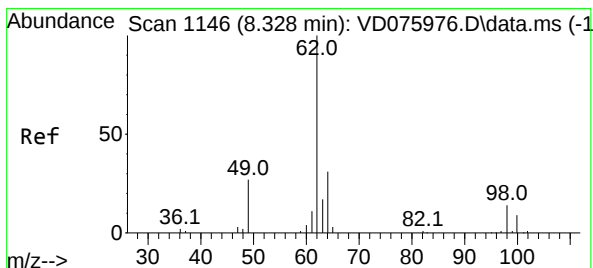
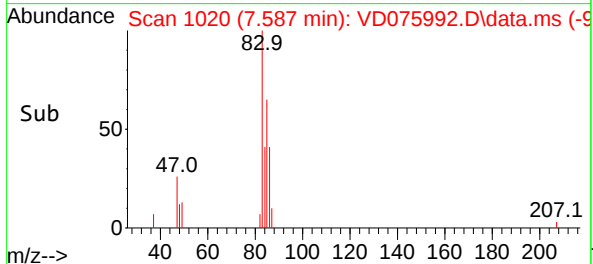
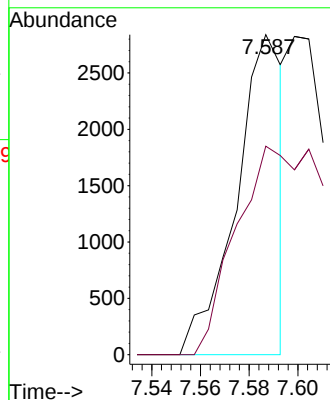
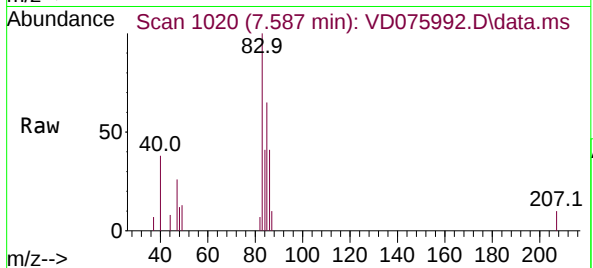
ClientSampleId :

Tgt Ion: 83 Resp: 3803

Ion Ratio Lower Upper

83 100

85 65.1 44.4 82.5



#27

1,2-Dichloroethane

Concen: 33.625 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD075992.D

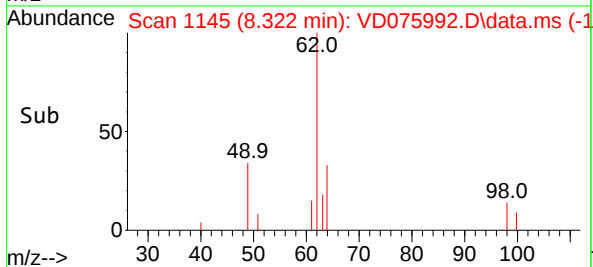
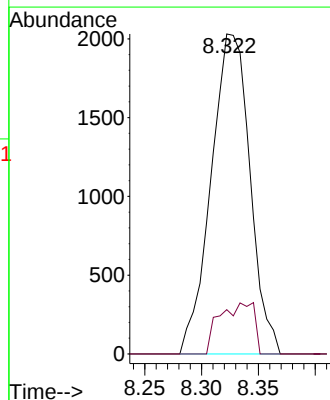
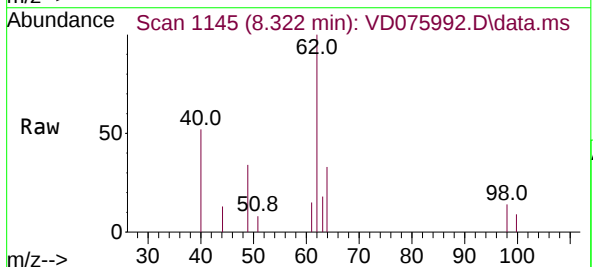
Acq: 03 May 2023 20:26

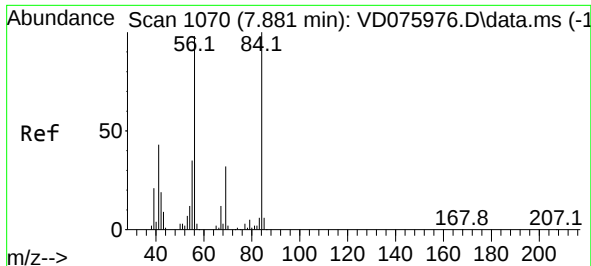
Tgt Ion: 62 Resp: 4840

Ion Ratio Lower Upper

62 100

98 13.8 10.2 15.2





#29

Cyclohexane

Concen: 9.288 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

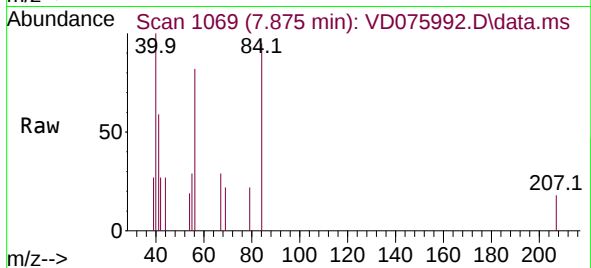
Lab File: VD075992.D

Acq: 03 May 2023 20:26

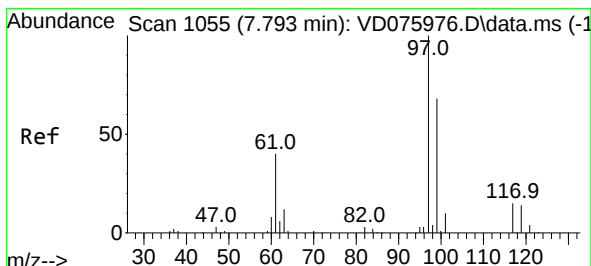
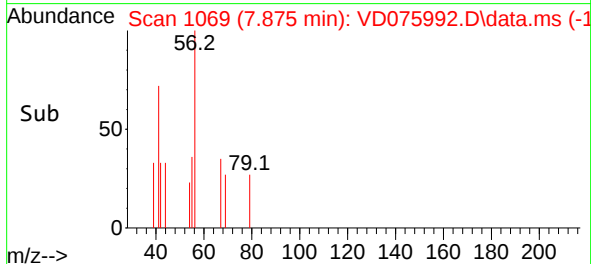
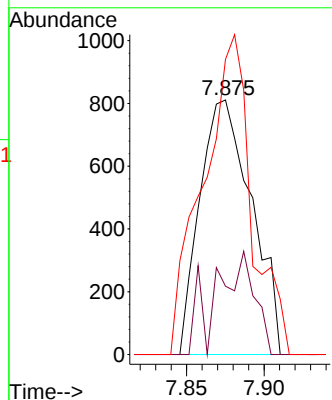
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 56	Resp: 1882
Ion Ratio	Lower Upper
56	100
69	12.5 28.2 42.2#
84	109.3 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 17.633 ug/L

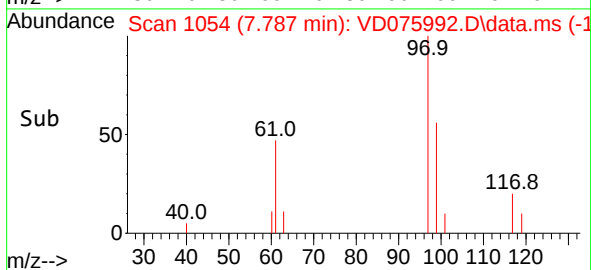
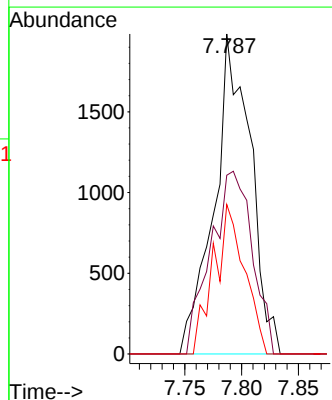
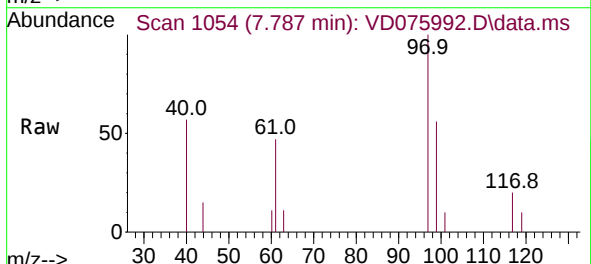
RT: 7.787 min Scan# 1054

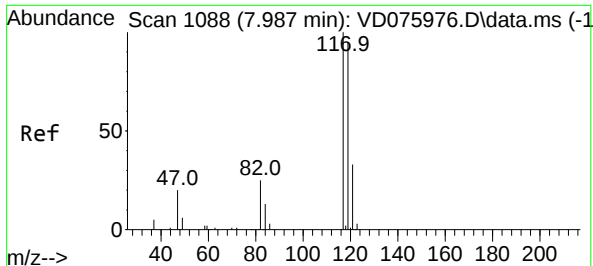
Delta R.T. -0.006 min

Lab File: VD075992.D

Acq: 03 May 2023 20:26

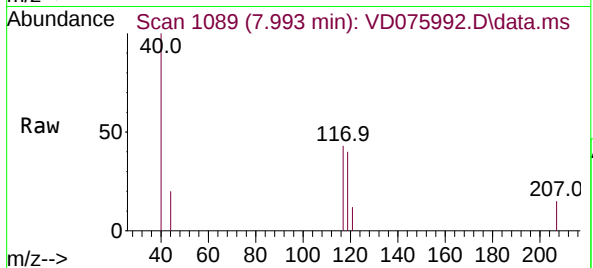
Tgt Ion: 97	Resp: 4416
Ion Ratio	Lower Upper
97	100
99	65.4 51.5 77.3
61	39.8 32.1 48.1



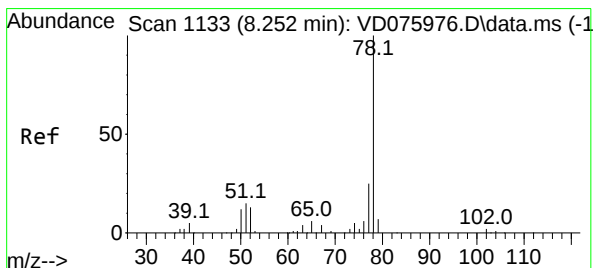
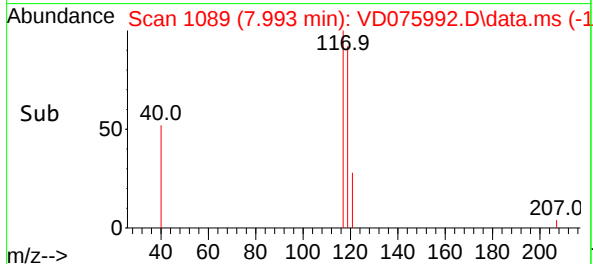
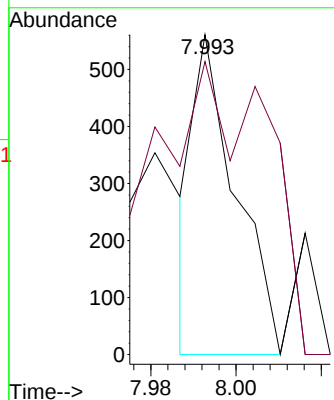


#31
Carbon tetrachloride
Concen: 1.896 ug/L
RT: 7.993 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

Instrument :
MSVOA_D
ClientSampleId :

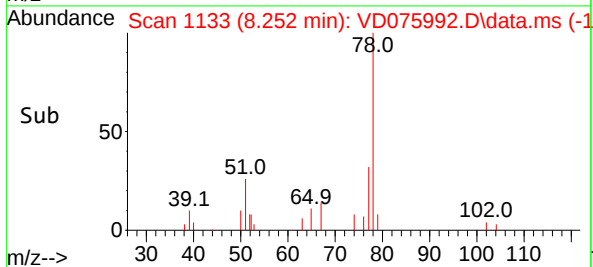
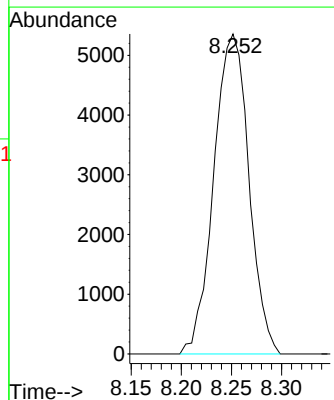
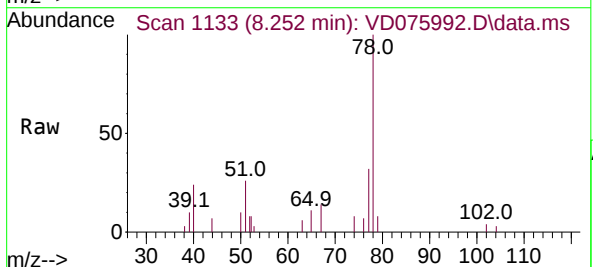


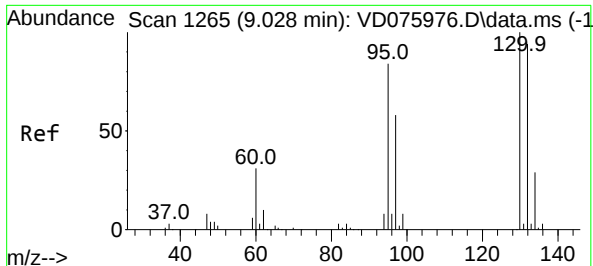
Tgt Ion:117 Resp: 381
Ion Ratio Lower Upper
117 100
119 226.5 78.2 117.4#



#33
Benzene
Concen: 18.232 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

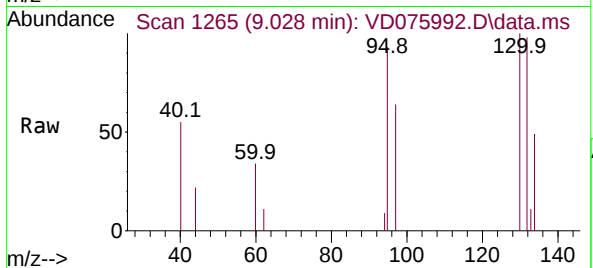
Tgt Ion: 78 Resp: 13054





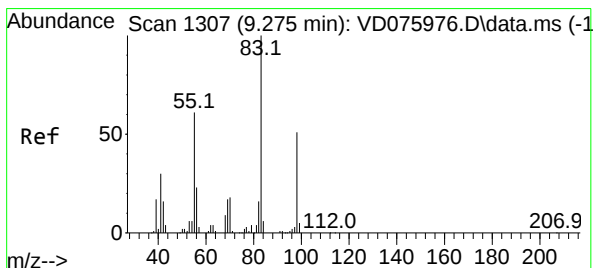
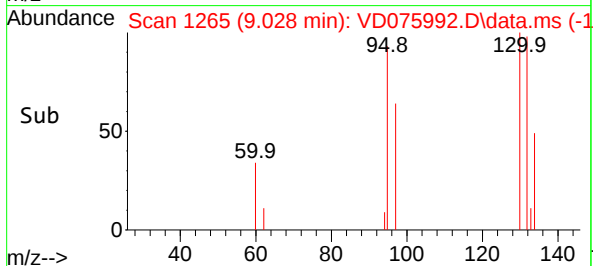
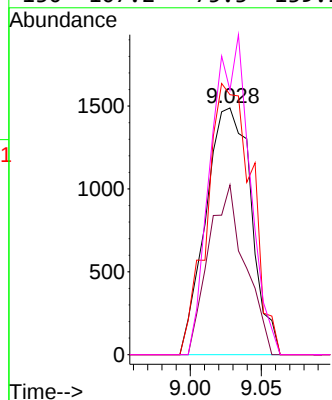
#34
Trichloroethene
Concen: 17.882 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 3311

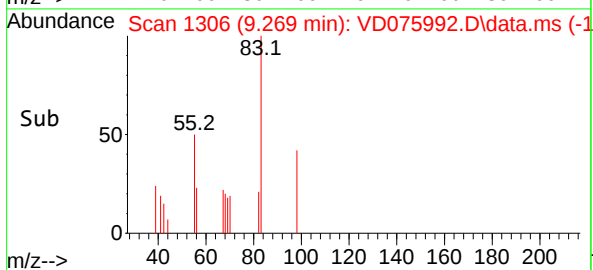
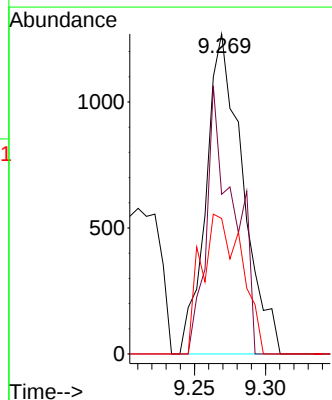
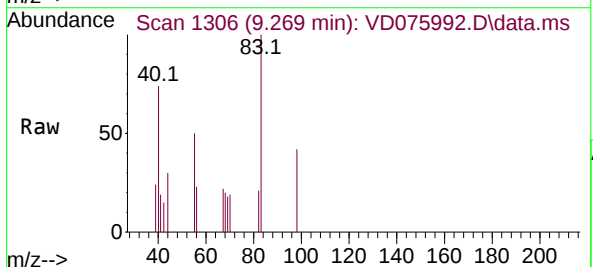
Ion	Ratio	Lower	Upper
95	100		
97	68.8	46.0	85.4
132	105.4	73.3	136.1
130	107.2	75.3	139.9

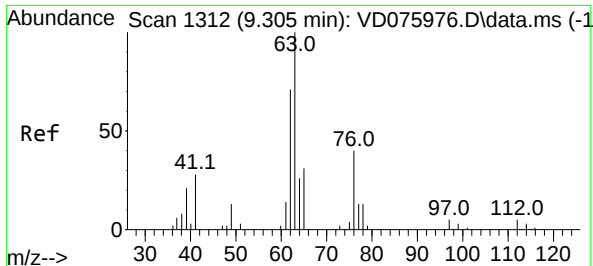


#35
Methylcyclohexane
Concen: 7.987 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

Tgt Ion: 83 Resp: 2280

Ion	Ratio	Lower	Upper
83	100		
55	52.7	48.2	72.2
98	48.3	40.8	61.2





#37

1,2-Dichloropropane

Concen: 24.223 ug/L

RT: 9.299 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075992.D

Acq: 03 May 2023 20:26

Instrument :

MSVOA_D

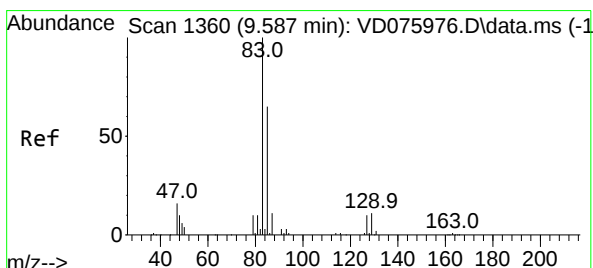
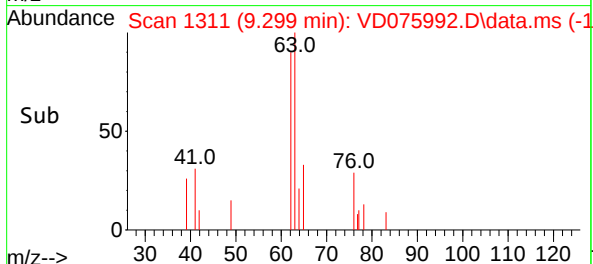
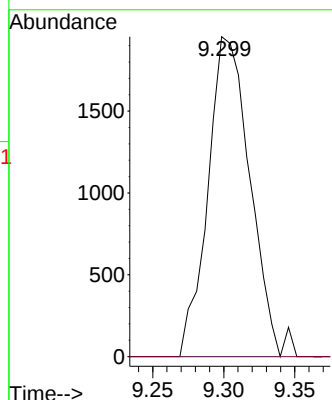
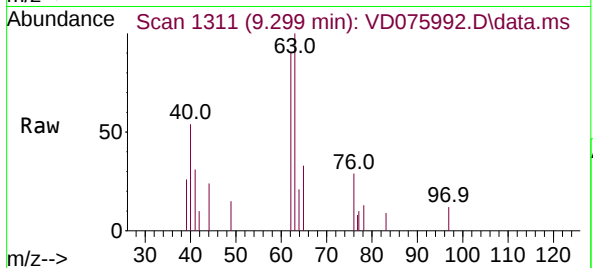
ClientSampleId :

Tgt Ion: 63 Resp: 3984

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#38

Bromodichloromethane

Concen: 26.456 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075992.D

Acq: 03 May 2023 20:26

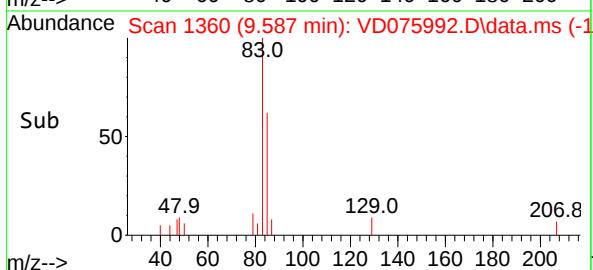
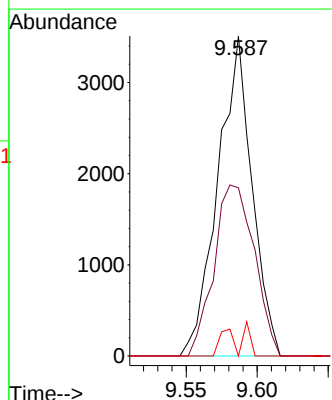
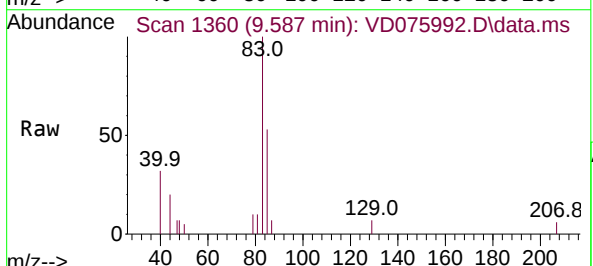
Tgt Ion: 83 Resp: 5867

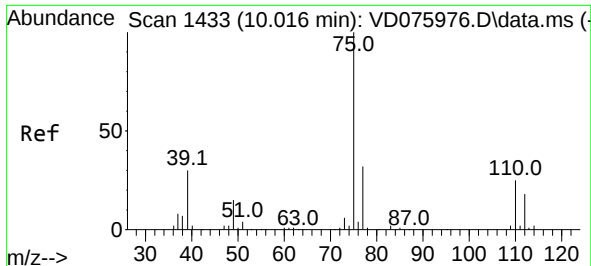
Ion Ratio Lower Upper

83 100

85 52.6 44.2 82.2

127 0.0 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 16.393 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD075992.D

Acq: 03 May 2023 20:26

Instrument :

MSVOA_D

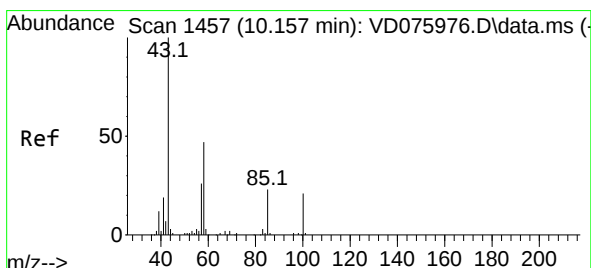
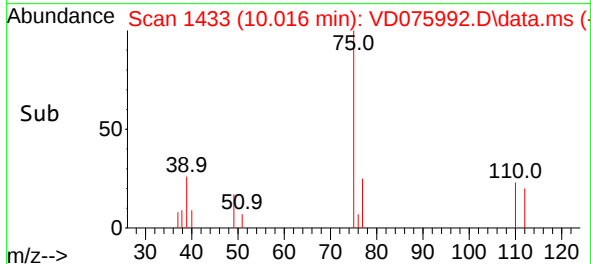
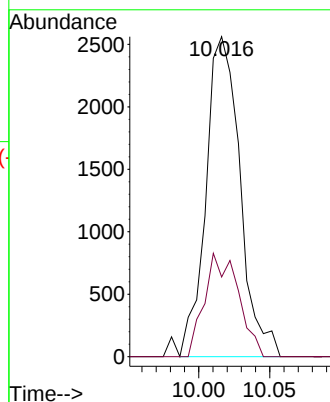
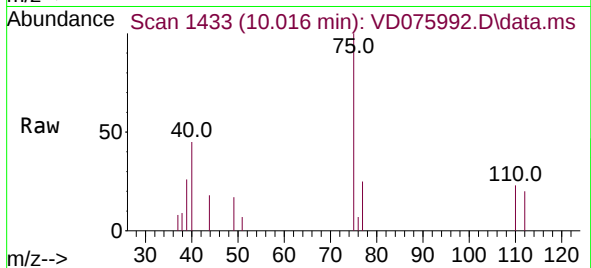
ClientSampleId :

Tgt Ion: 75 Resp: 4288

Ion Ratio Lower Upper

75 100

77 24.9 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 60.167 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD075992.D

Acq: 03 May 2023 20:26

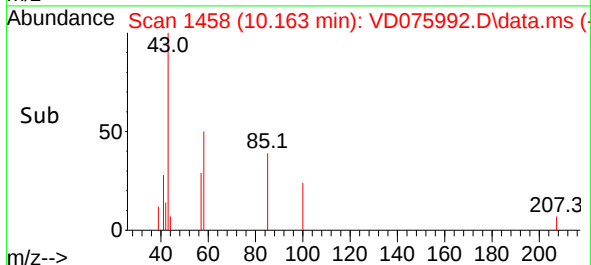
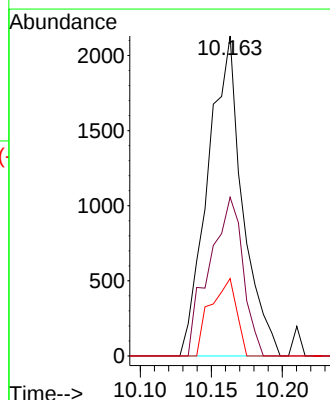
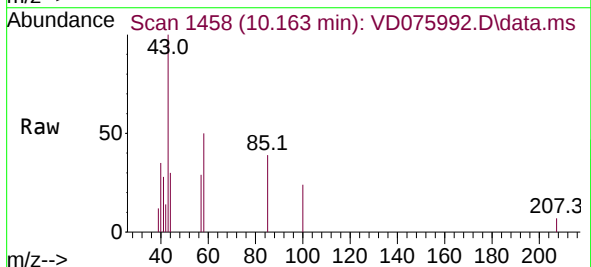
Tgt Ion: 43 Resp: 3608

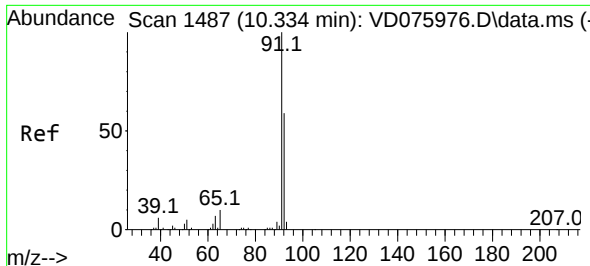
Ion Ratio Lower Upper

43 100

58 48.2 39.1 58.7

100 18.2 19.4 29.0#

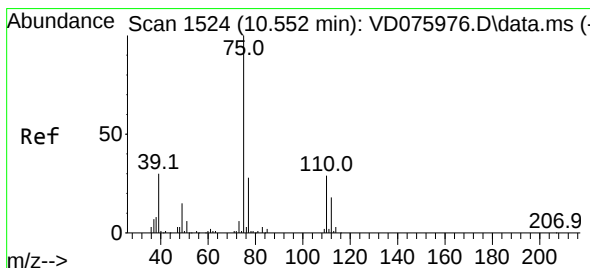
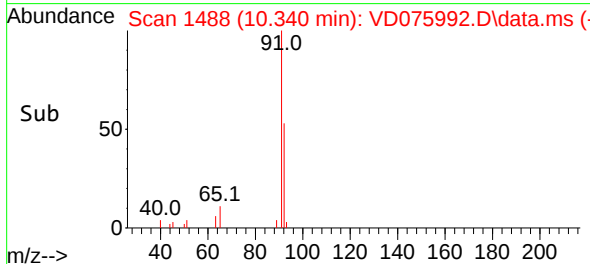
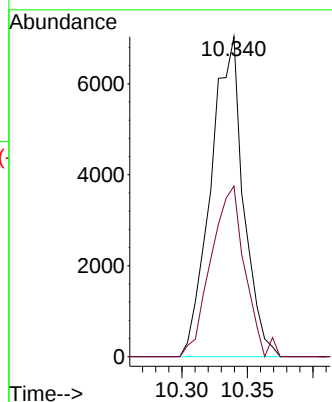
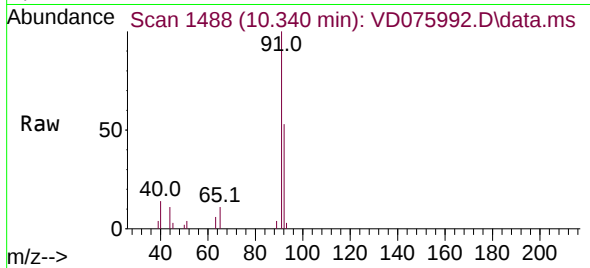




#42
Toluene
Concen: 15.720 ug/L
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

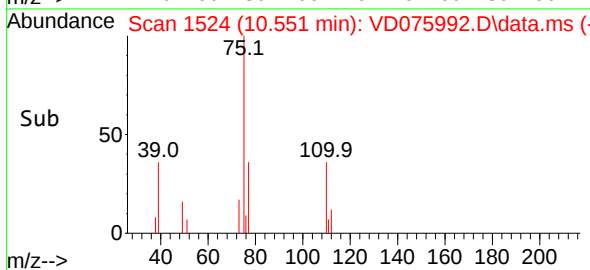
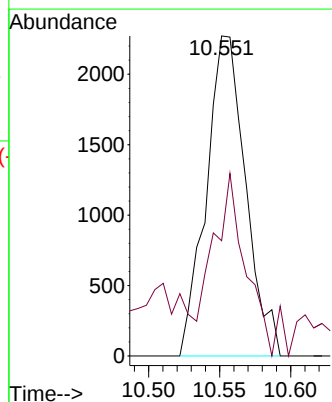
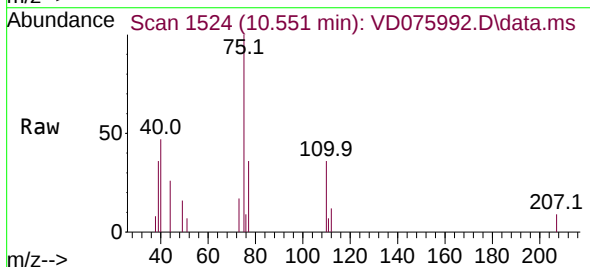
Instrument :
MSVOA_D
ClientSampleId :

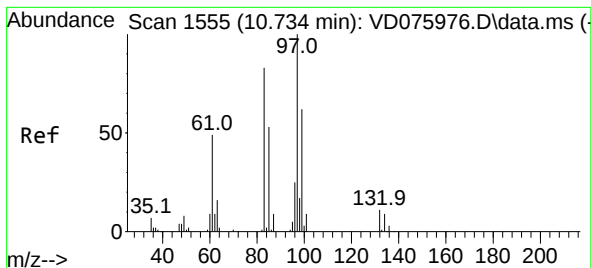
Tgt Ion: 91 Resp: 12180
Ion Ratio Lower Upper
91 100
92 53.3 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 20.902 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

Tgt Ion: 75 Resp: 4392
Ion Ratio Lower Upper
75 100
77 36.0 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 35.119 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

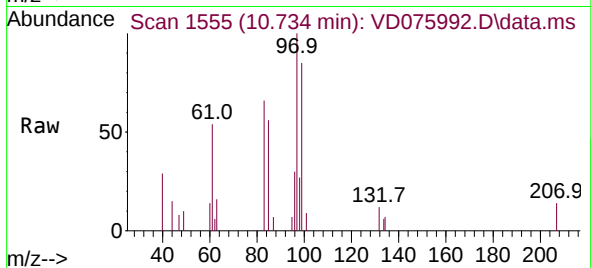
Lab File: VD075992.D

Acq: 03 May 2023 20:26

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 4914

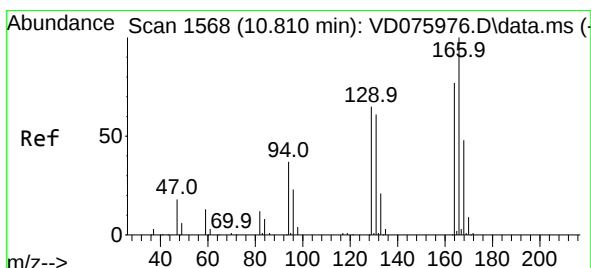
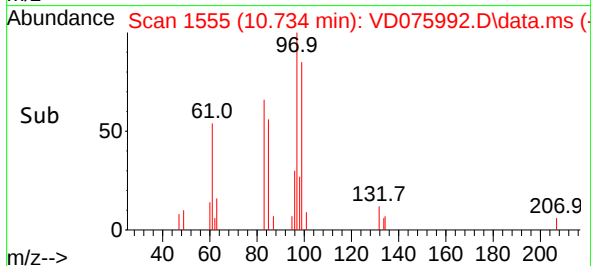
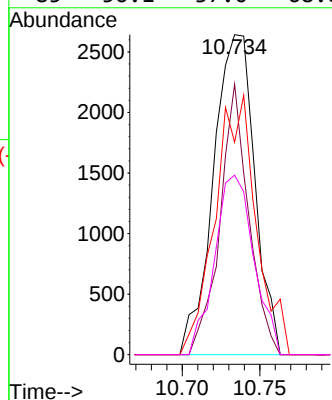
Ion Ratio Lower Upper

97 100

99 84.6 42.2 78.4#

83 66.4 54.8 101.8

85 56.1 37.0 68.8



#46

Tetrachloroethene

Concen: 22.209 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD075992.D

Acq: 03 May 2023 20:26

Tgt Ion: 164 Resp: 3373

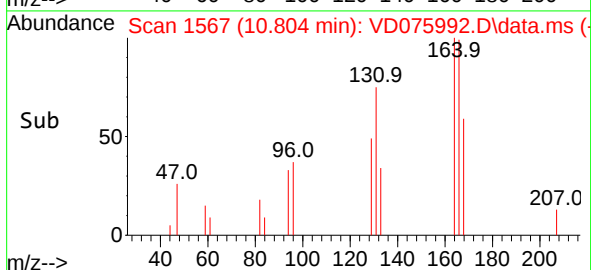
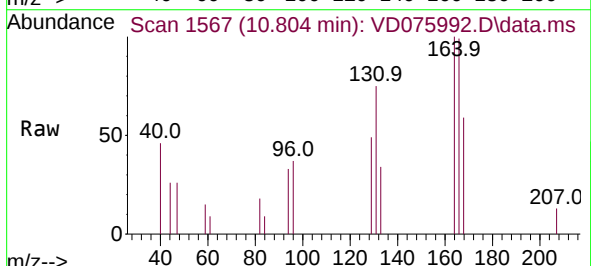
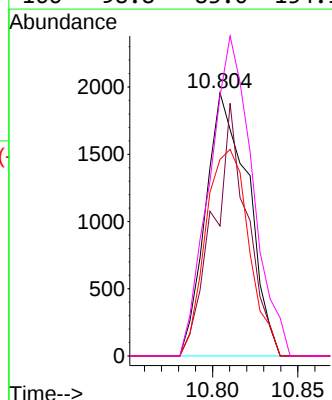
Ion Ratio Lower Upper

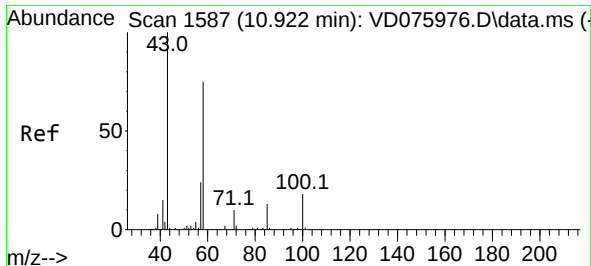
164 100

129 49.4 60.3 112.1#

131 74.8 58.9 109.3

166 98.8 83.0 154.1

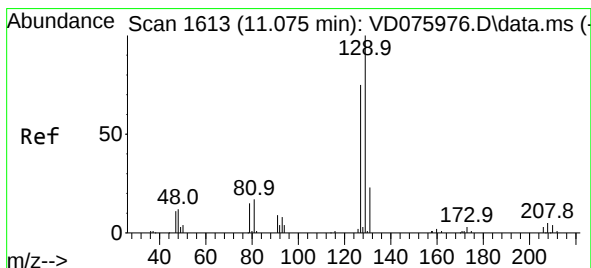
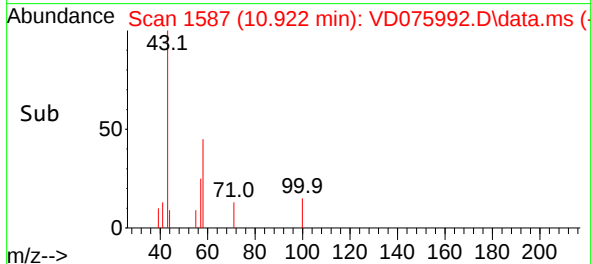
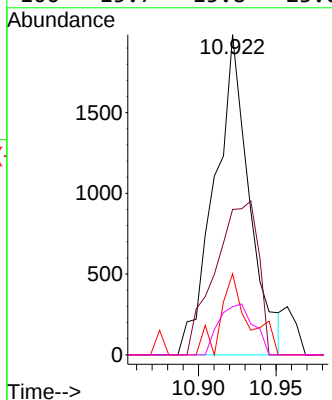
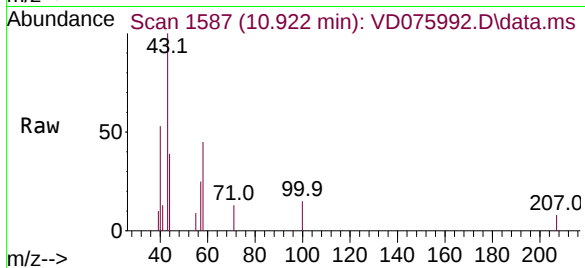




#48
2-Hexanone
Concen: 73.283 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

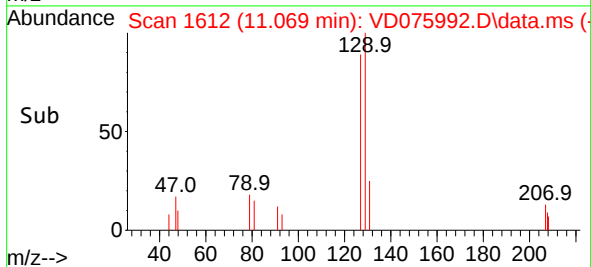
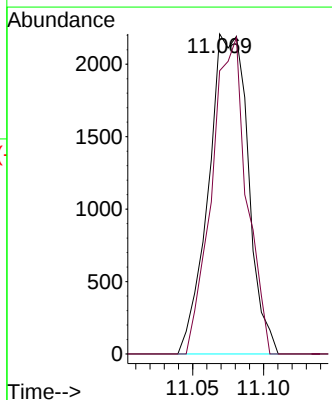
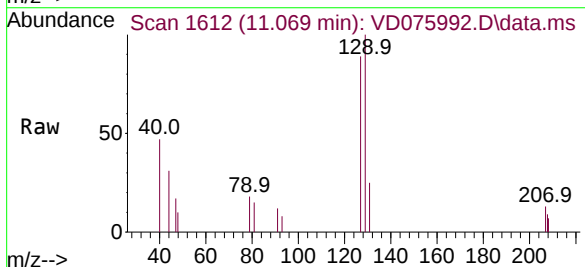
Instrument :
MSVOA_D
ClientSampleId :

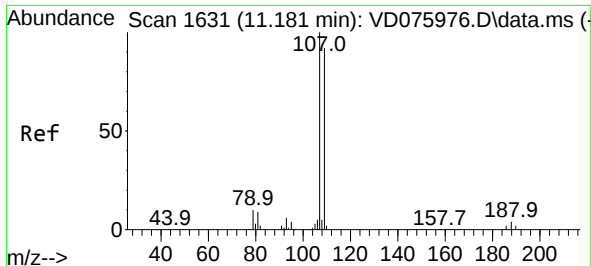
Tgt Ion: 43	Resp: 3098
Ion Ratio	Lower Upper
43 100	
58 59.1	59.7 89.5#
57 14.1	17.9 26.9#
100 15.7	15.8 23.6#



#49
Dibromochloromethane
Concen: 28.124 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

Tgt Ion:129	Resp:	4284	
Ion	Ratio	Lower	Upper
129	100		
127	88.5	55.6	103.4





#50

1,2-Dibromoethane

Concen: 30.052 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

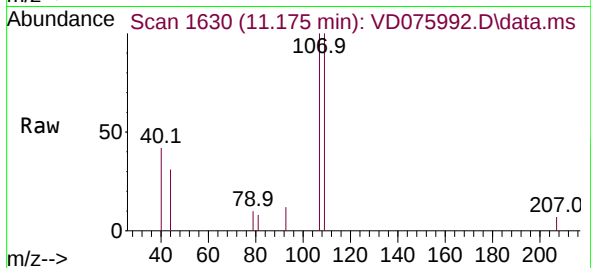
Lab File: VD075992.D

Acq: 03 May 2023 20:26

Instrument :

MSVOA_D

ClientSampleId :



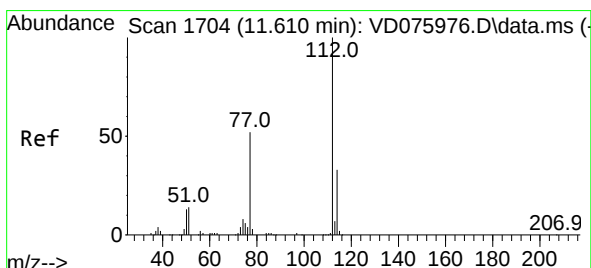
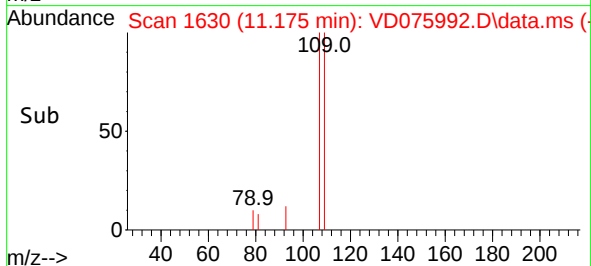
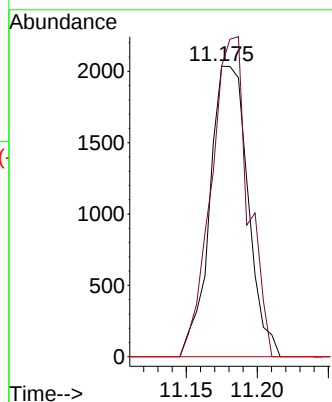
Tgt Ion:107 Resp: 3791

Ion Ratio Lower Upper

107 100

109 100.0 67.6 125.6

188 0.0 3.0 4.6#



#51

Chlorobenzene

Concen: 20.399 ug/L

RT: 11.610 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VD075992.D

Acq: 03 May 2023 20:26

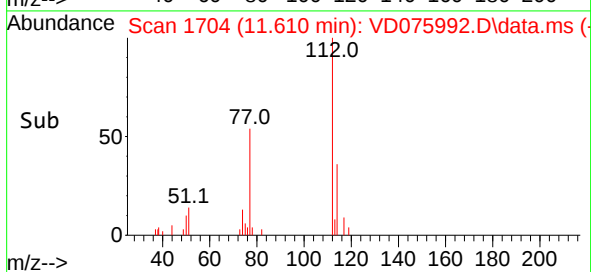
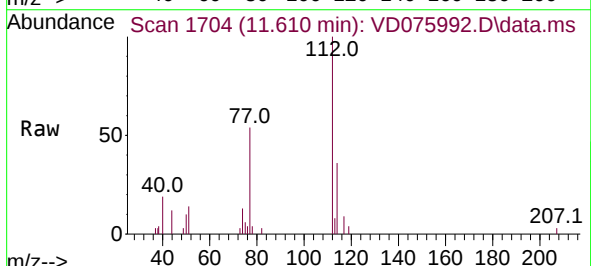
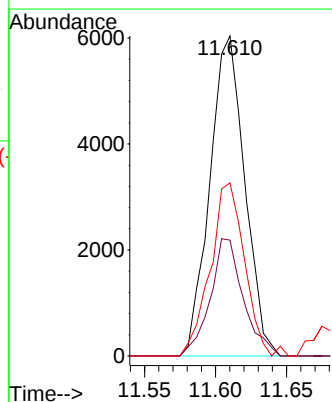
Tgt Ion:112 Resp: 10340

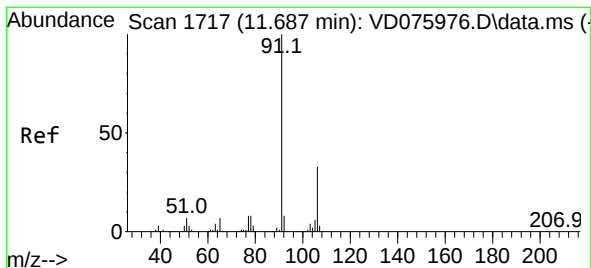
Ion Ratio Lower Upper

112 100

114 36.2 23.0 42.8

77 54.1 39.7 59.5

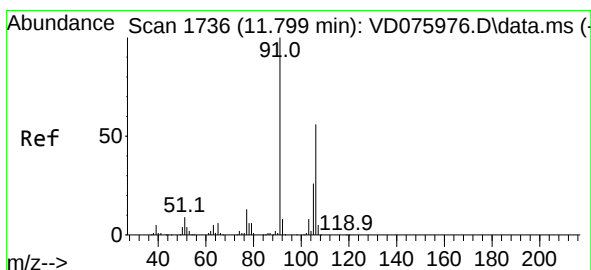
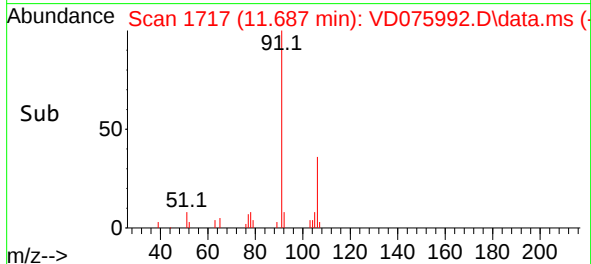
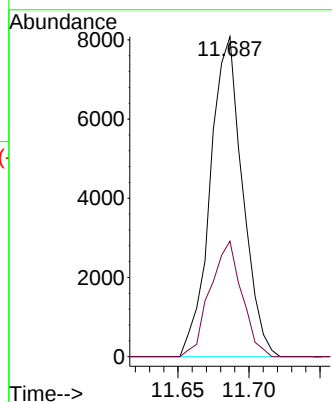
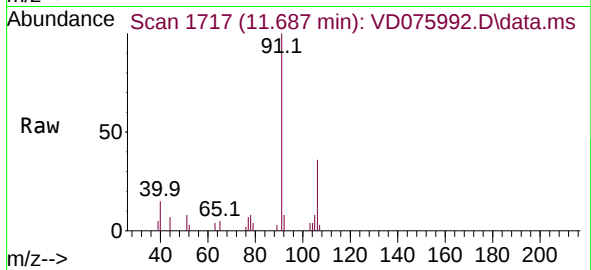




#52
Ethylbenzene
Concen: 16.101 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

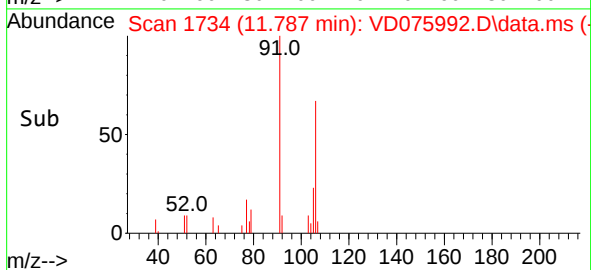
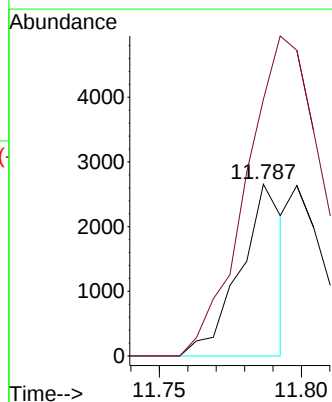
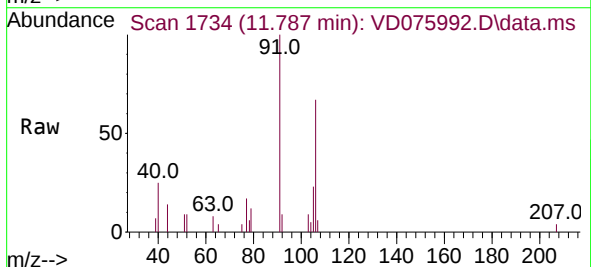
Instrument :
MSVOA_D
ClientSampleId :

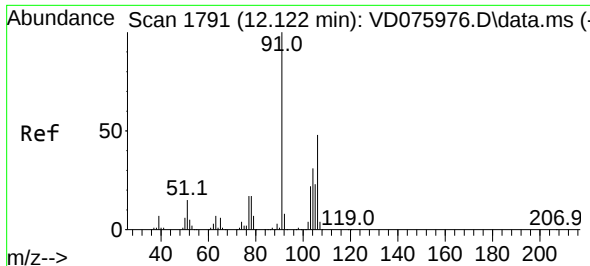
Tgt Ion: 91 Resp: 12793
Ion Ratio Lower Upper
91 100
106 36.1 23.7 43.9



#53
m,p-Xylene
Concen: 8.815 ug/L
RT: 11.787 min Scan# 1734
Delta R.T. -0.012 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

Tgt Ion: 106 Resp: 2789
Ion Ratio Lower Upper
106 100
91 149.5 130.9 243.1

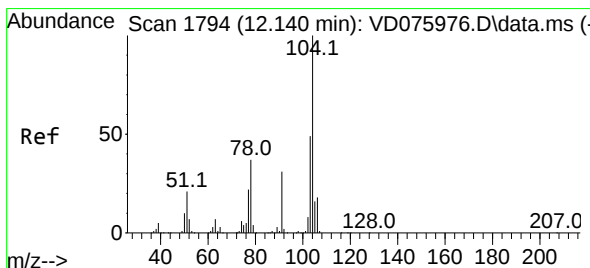
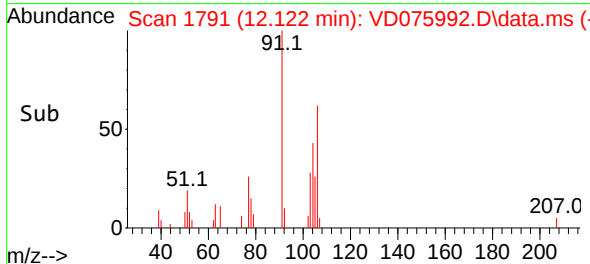
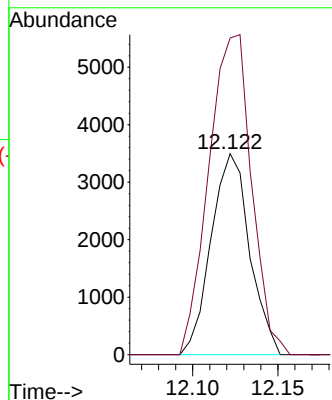
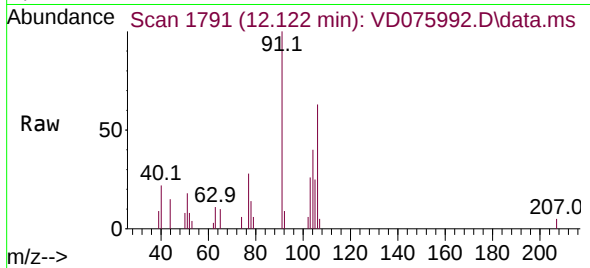




#54
o-Xylene
Concen: 18.273 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

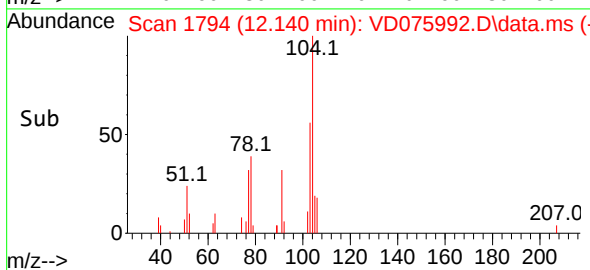
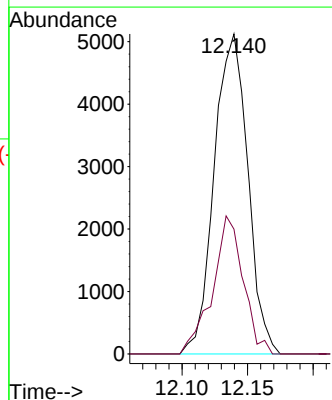
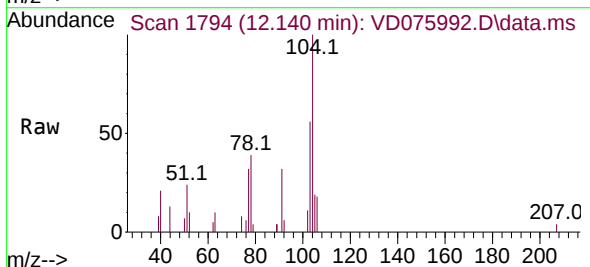
Instrument :
MSVOA_D
ClientSampleId :

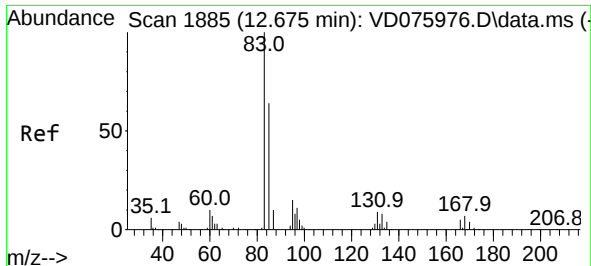
Tgt Ion:106 Resp: 5491
Ion Ratio Lower Upper
106 100
91 157.6 139.8 259.6



#55
Styrene
Concen: 17.435 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

Tgt Ion:104 Resp: 9119
Ion Ratio Lower Upper
104 100
78 39.0 26.2 48.6

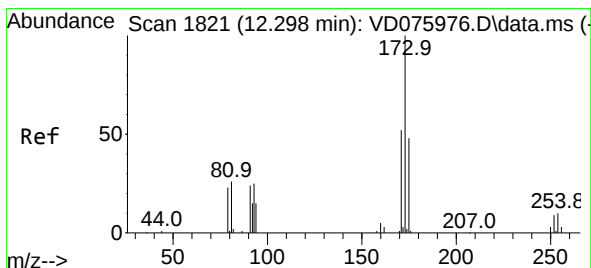
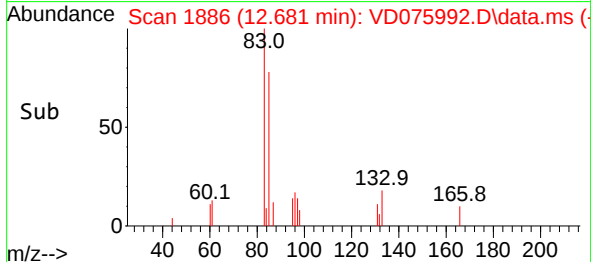
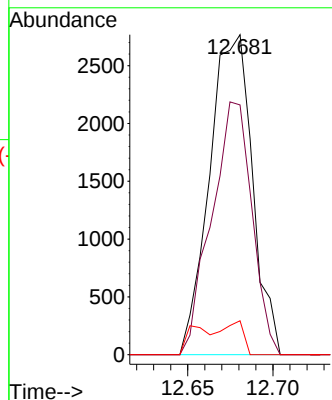
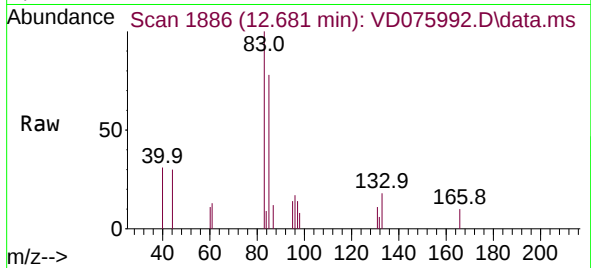




#57
1,1,2,2-Tetrachloroethane
Concen: 34.010 ug/L
RT: 12.681 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

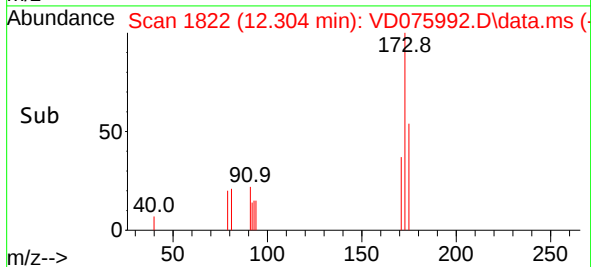
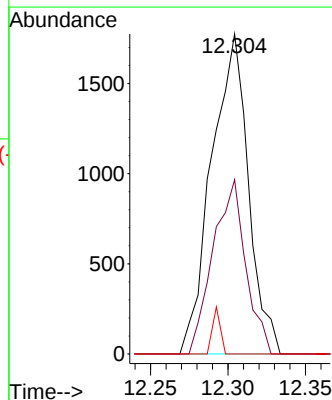
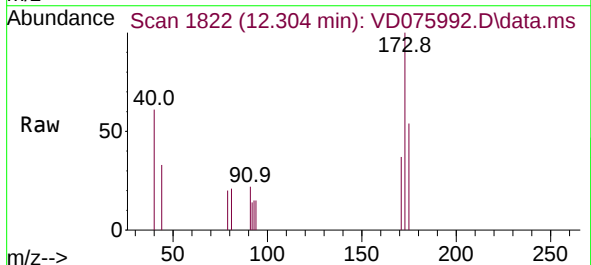
Instrument :
MSVOA_D
ClientSampleId :

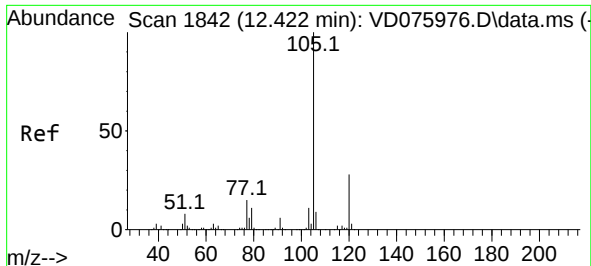
Tgt Ion: 83 Resp: 4842
Ion Ratio Lower Upper
83 100
85 78.1 45.1 83.7
131 16.4 7.0 10.6#



#59
Bromoform
Concen: 37.458 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

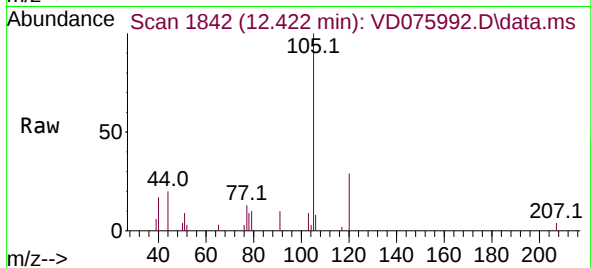
Tgt Ion:173 Resp: 2937
Ion Ratio Lower Upper
173 100
175 48.2 39.4 59.0
254 0.0 7.4 11.2#



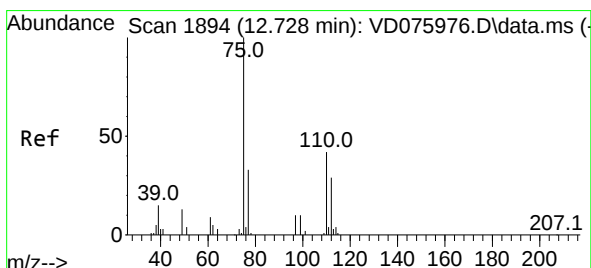
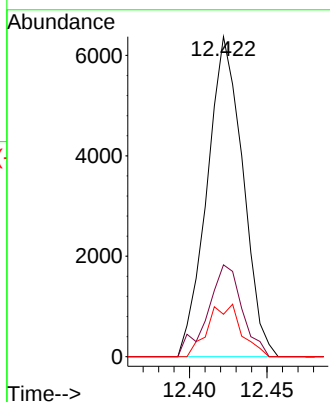
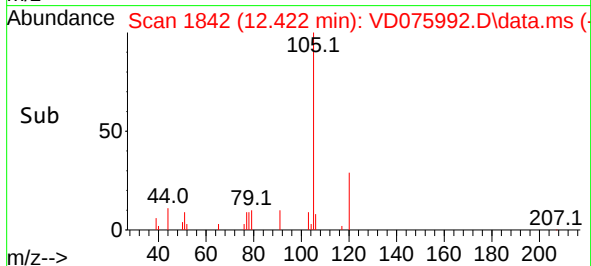


#60
Isopropylbenzene
Concen: 15.061 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

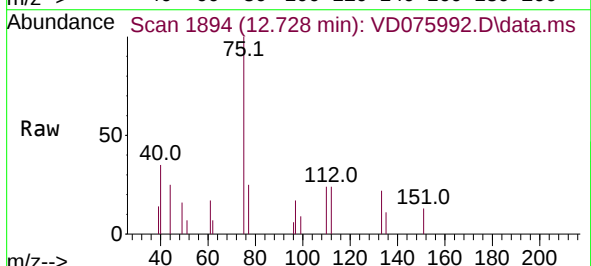
Instrument :
MSVOA_D
ClientSampleId :



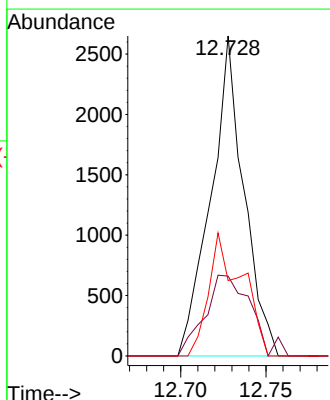
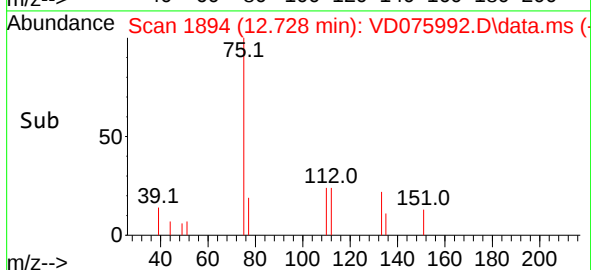
Tgt Ion:105 Resp: 10217
Ion Ratio Lower Upper
105 100
120 27.5 22.7 34.1
77 15.4 10.9 16.3

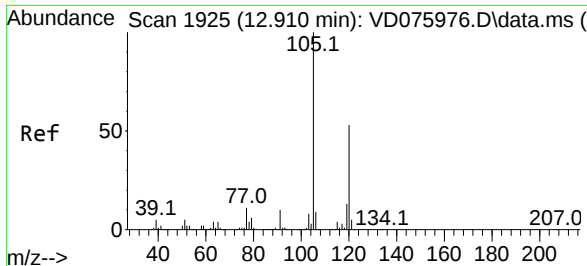


#61
1,2,3-Trichloropropane
Concen: 44.272 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26



Tgt Ion: 75 Resp: 3558
Ion Ratio Lower Upper
75 100
77 33.7 26.6 39.8
110 22.8 33.5 50.3#





#62

1,3,5-Trimethylbenzene

Concen: 15.862 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD075992.D

Acq: 03 May 2023 20:26

Instrument :

MSVOA_D

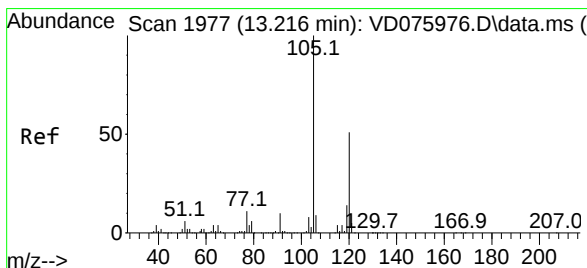
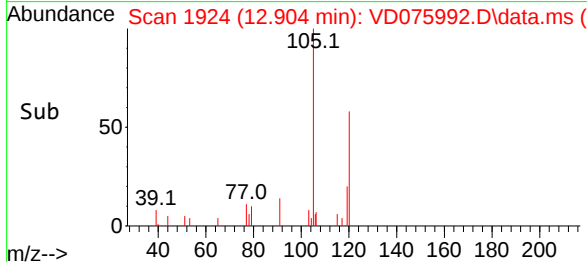
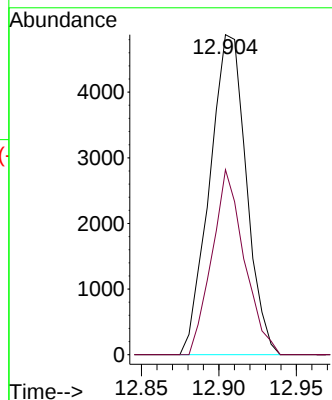
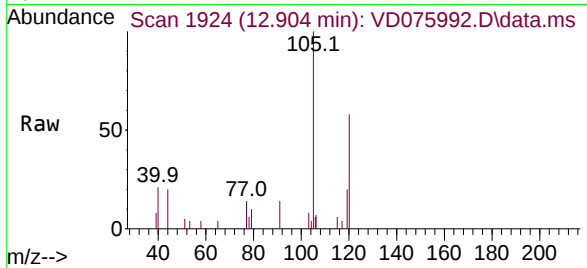
ClientSampleId :

Tgt Ion:105 Resp: 8024

Ion Ratio Lower Upper

105 100

120 51.0 42.0 63.0



#63

1,2,4-Trimethylbenzene

Concen: 17.957 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD075992.D

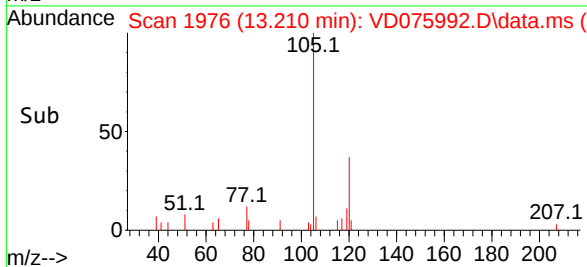
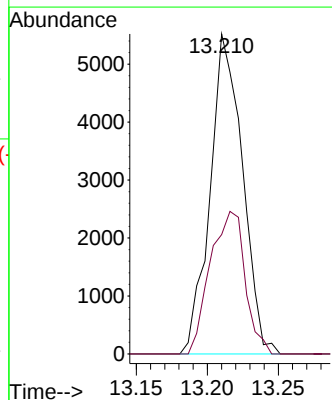
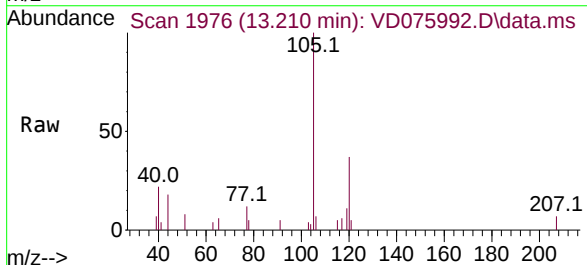
Acq: 03 May 2023 20:26

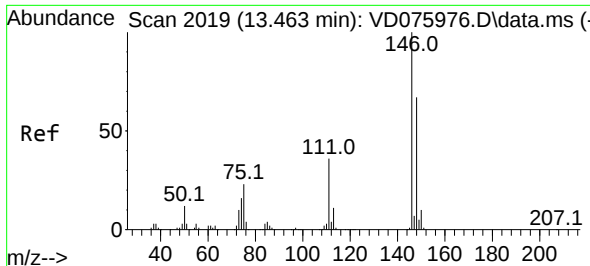
Tgt Ion:105 Resp: 8756

Ion Ratio Lower Upper

105 100

120 48.0 39.0 58.6

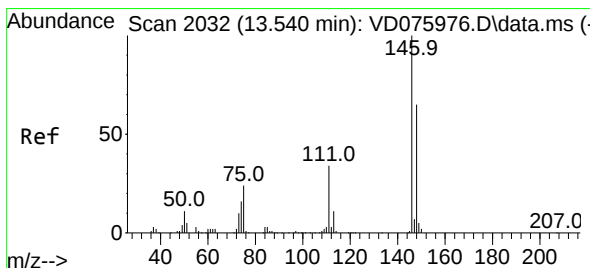
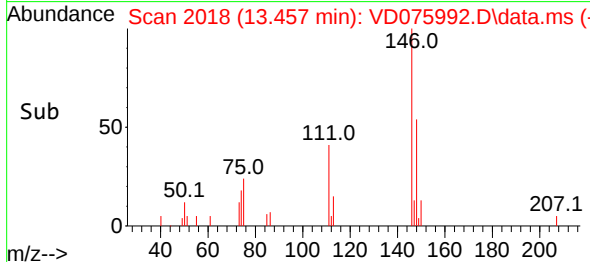
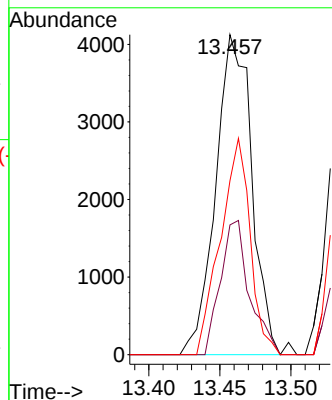
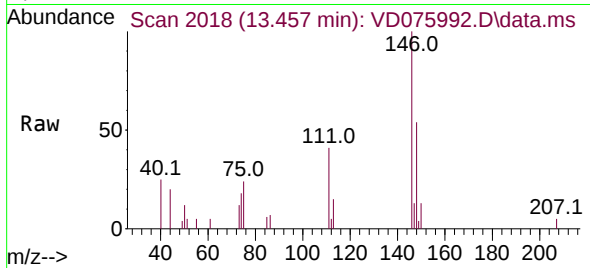




#64
1,3-Dichlorobenzene
Concen: 22.358 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

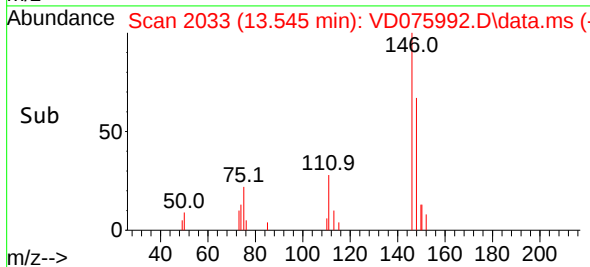
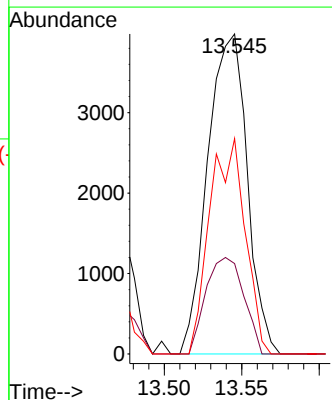
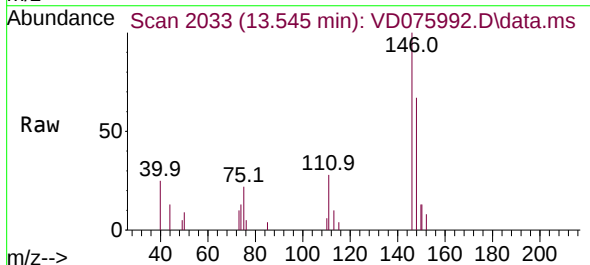
Instrument :
MSVOA_D
ClientSampleId :

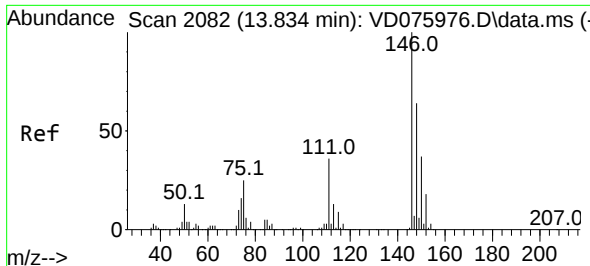
Tgt Ion:146 Resp: 7257
Ion Ratio Lower Upper
146 100
111 40.6 26.5 49.1
148 54.4 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 20.666 ug/L
RT: 13.545 min Scan# 2033
Delta R.T. 0.006 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

Tgt Ion:146 Resp: 7040
Ion Ratio Lower Upper
146 100
111 28.3 24.6 45.8
148 67.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 24.995 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

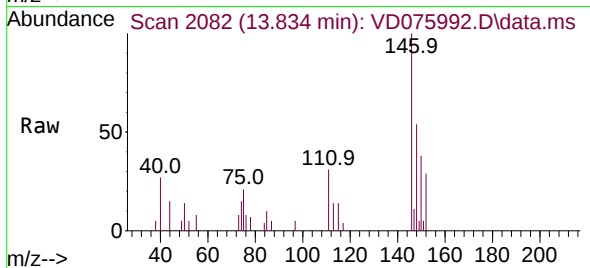
Lab File: VD075992.D

Acq: 03 May 2023 20:26

Instrument :

MSVOA_D

ClientSampleId :



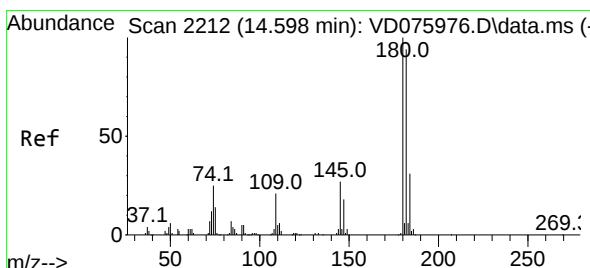
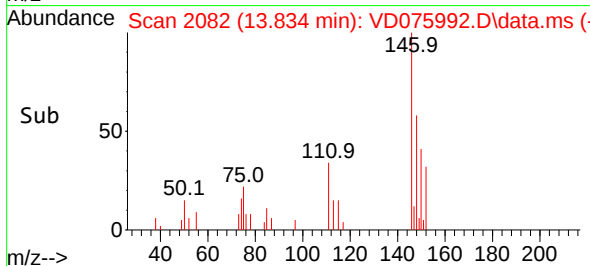
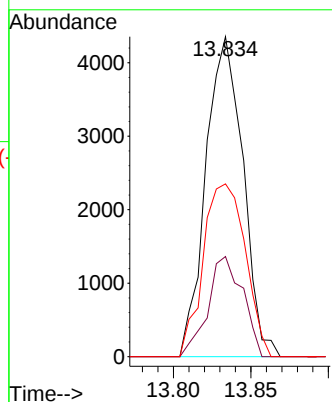
Tgt Ion:146 Resp: 7245

Ion Ratio Lower Upper

146 100

111 31.3 30.6 46.0

148 54.0 51.4 77.0



#69

1,3,5-Trichlorobenzene

Concen: 18.832 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.006 min

Lab File: VD075992.D

Acq: 03 May 2023 20:26

Tgt Ion:180 Resp: 4097

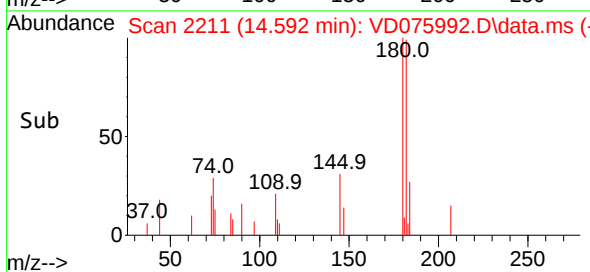
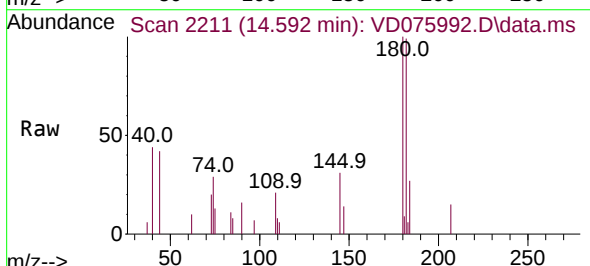
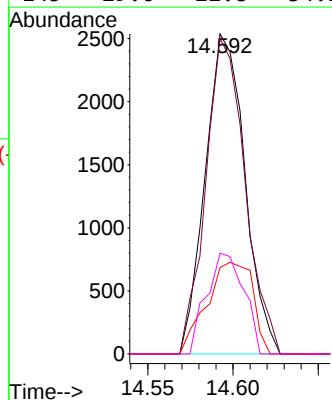
Ion Ratio Lower Upper

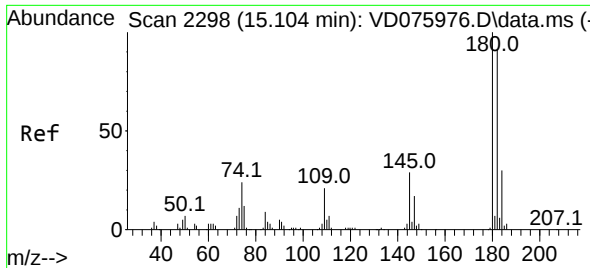
180 100

182 97.9 74.9 112.3

184 26.0 25.0 37.4

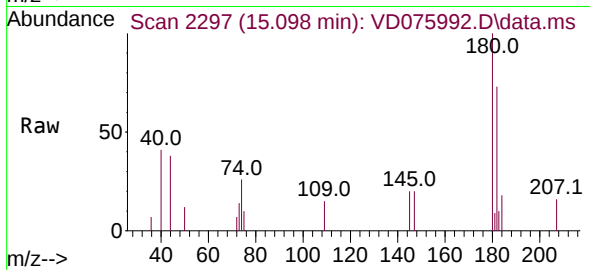
145 29.6 22.8 34.2



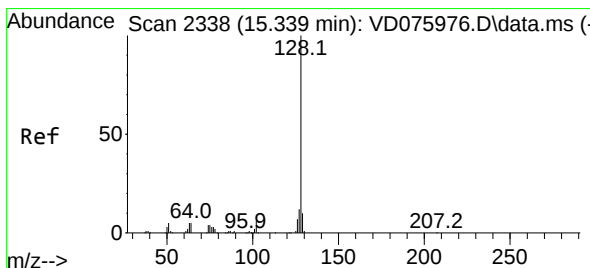
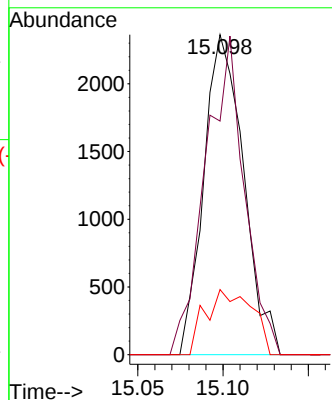
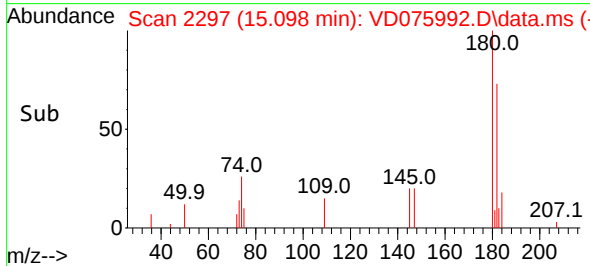


#70
1,2,4-trichlorobenzene
Concen: 21.310 ug/L
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26

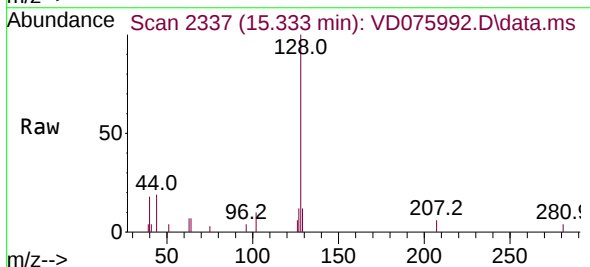
Instrument :
MSVOA_D
ClientSampleId :



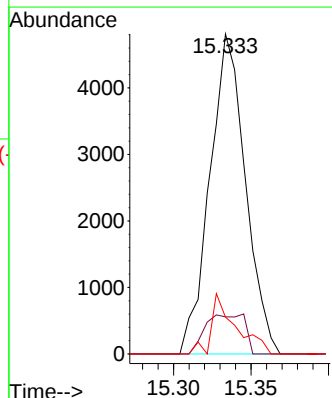
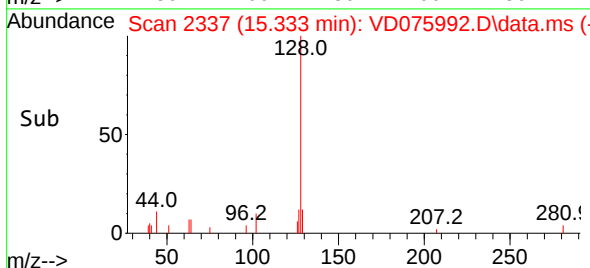
Tgt Ion:180 Resp: 3842
Ion Ratio Lower Upper
180 100
182 97.1 75.4 113.2
145 23.7 23.6 35.4

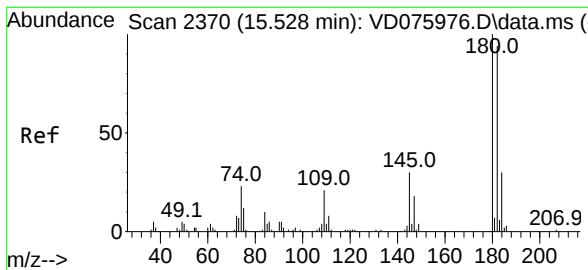


#71
Naphthalene
Concen: 23.299 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VD075992.D
Acq: 03 May 2023 20:26



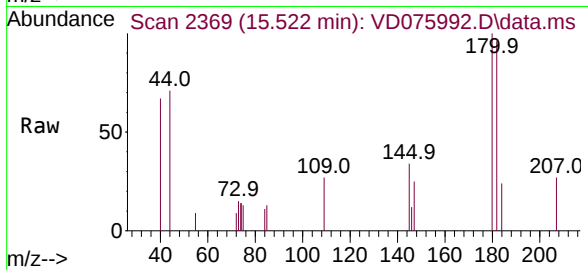
Tgt Ion:128 Resp: 7687
Ion Ratio Lower Upper
128 100
127 10.9 10.5 15.7
129 9.8 9.1 13.7





#72
 1,2,3-Trichlorobenzene
 Concen: 21.021 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD075992.D
 Acq: 03 May 2023 20:26

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 3383
 Ion Ratio Lower Upper
 180 100
 182 86.3 76.3 114.5
 145 22.3 25.0 37.6#

