

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
 Data File : VD075952.D
 Acq On : 01 May 2023 21:27
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 02 02:37:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 02:31:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	363721	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	331058	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	169442	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	191274	23.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.880%
7) Chloroethane-d5	2.793	69	168814	24.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.960%
11) 1,1-Dichloroethene-d2	3.911	65	42260	22.973	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.880%
21) 2-Butanone-d5	6.987	46	46841	67.622	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.240%#
24) Chloroform-d	7.663	84	566	0.062	ug/L	0.09
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.240%#
26) 1,2-Dichloroethane-d4	8.228	65	104274	26.846	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	8.199	84	481610	24.960	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.840%
36) 1,2-Dichloropropane-d6	9.210	67	138005	25.840	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.360%
41) Toluene-d8	10.269	98	448967	24.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	10.522	79	54876	24.858	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.440%
47) 2-Hexanone-d5	10.875	63	44805	69.674	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.340%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	123601	30.243	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.960%#
66) 1,2-Dichlorobenzene-d4	13.816	152	147206	24.561	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	135182	26.960	ug/L	100
3) Chloromethane	2.146	50	220934	31.608	ug/L	98
5) Vinyl chloride	2.275	62	250645	27.437	ug/L	97
6) Bromomethane	2.687	94	118656	19.330	ug/L	99
8) Chloroethane	2.828	64	157436	26.647	ug/L	98
9) Trichlorofluoromethane	3.164	101	192583	26.237	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	134795	27.335	ug/L	97
12) 1,1-Dichloroethene	3.934	96	124779	26.091	ug/L	90
13) Acetone	4.022	43	34612	58.389	ug/L	96
14) Carbon disulfide	4.264	76	413827	24.774	ug/L	98
15) Methyl Acetate	4.558	43	42764	33.288	ug/L #	58
16) Methylene chloride	4.793	84	165629	22.447	ug/L	95
17) trans-1,2-Dichloroethene	5.305	96	135494	25.267	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	245661	28.559	ug/L #	73
19) 1,1-Dichloroethane	6.105	63	219422	27.931	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	149816	26.422	ug/L	98
22) 2-Butanone	7.081	43	51019	66.019	ug/L	96
23) Bromochloromethane	7.422	128	74012	28.145	ug/L	92
25) Chloroform	7.593	83	234050	26.584	ug/L	99

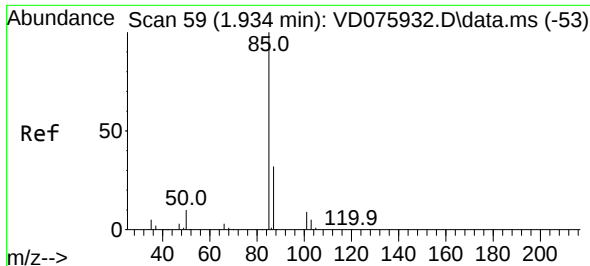
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
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 Quant Title : SFAM01.0
 QLast Update : Tue May 02 02:31:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	131850	29.013	ug/L	97
29) Cyclohexane	7.875	56	162342	28.645	ug/L	92
30) 1,1,1-Trichloroethane	7.787	97	187488	26.767	ug/L	99
31) Carbon tetrachloride	7.987	117	148854	26.489	ug/L	98
33) Benzene	8.246	78	547693	27.350	ug/L	100
34) Trichloroethene	9.028	95	136403	26.339	ug/L	93
35) Methylcyclohexane	9.275	83	213377	26.725	ug/L	98
37) 1,2-Dichloropropane	9.304	63	130675	28.408	ug/L	99
38) Bromodichloromethane	9.581	83	169619	27.347	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	199427	27.260	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	115925	69.121	ug/L	98
42) Toluene	10.334	91	600564	27.713	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	168543	28.679	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	110704	28.288	ug/L	96
46) Tetrachloroethene	10.810	164	114545	26.967	ug/L	97
48) 2-Hexanone	10.922	43	82994	70.195	ug/L	94
49) Dibromochloromethane	11.075	129	121486	28.516	ug/L	100
50) 1,2-Dibromoethane	11.181	107	101992	28.908	ug/L	99
51) Chlorobenzene	11.610	112	391635	27.625	ug/L	97
52) Ethylbenzene	11.687	91	611999	27.540	ug/L	99
53) m,p-Xylene	11.793	106	248431	28.076	ug/L	100
54) o-Xylene	12.122	106	234595	27.913	ug/L	99
55) Styrene	12.134	104	422599	28.890	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	123718	31.071	ug/L	99
59) Bromoform	12.298	173	73815	28.425	ug/L	99
60) Isopropylbenzene	12.422	105	590467	26.281	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	79864	30.004	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	453094	27.044	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	440720	27.289	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	289475	26.928	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	300402	26.626	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	261325	27.221	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	15690	29.486	ug/L	92
69) 1,3,5-Trichlorobenzene	14.598	180	173321	24.054	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	143324	24.003	ug/L	99
71) Naphthalene	15.334	128	309172	28.294	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	141818	26.607	ug/L	98

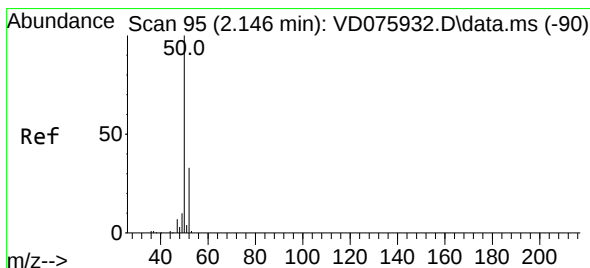
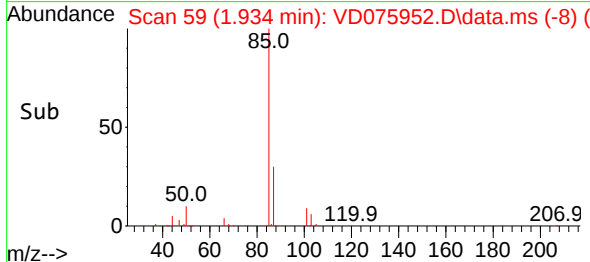
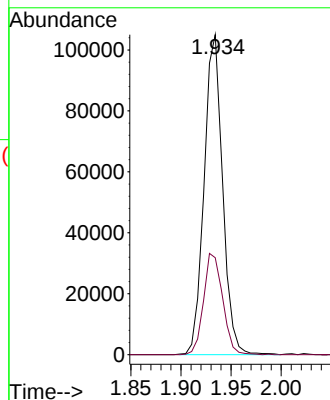
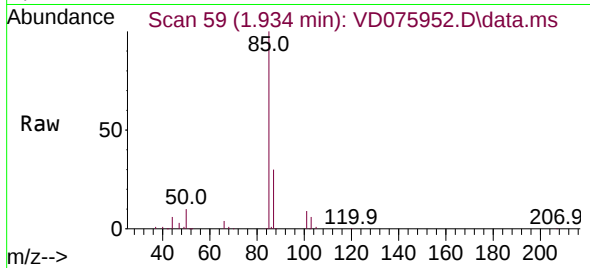
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 26.960 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075952.D
 Acq: 01 May 2023 21:27

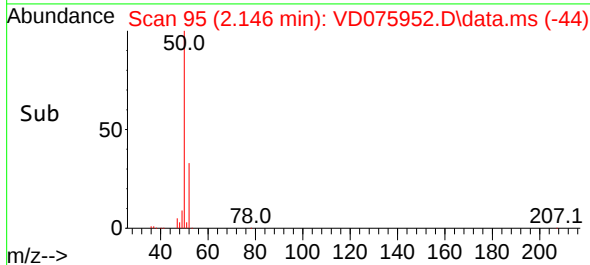
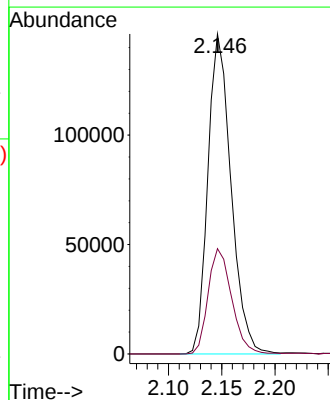
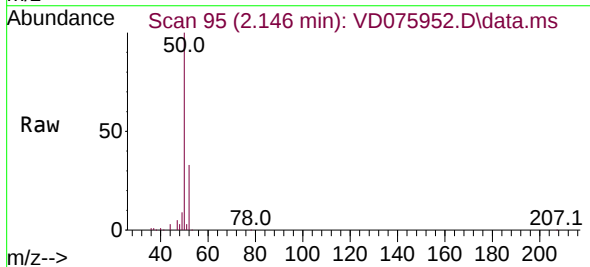
Instrument :
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 ClientSampleId :

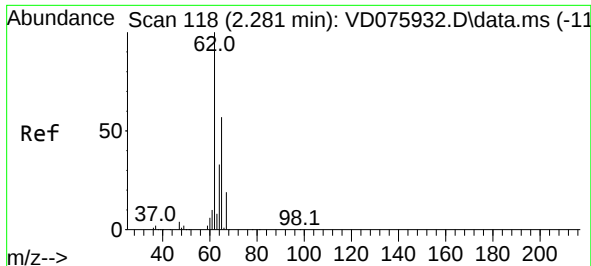
Tgt Ion: 85 Resp: 135182
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.8



#3
 Chloromethane
 Concen: 31.608 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD075952.D
 Acq: 01 May 2023 21:27

Tgt Ion: 50 Resp: 220934
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.7 44.1

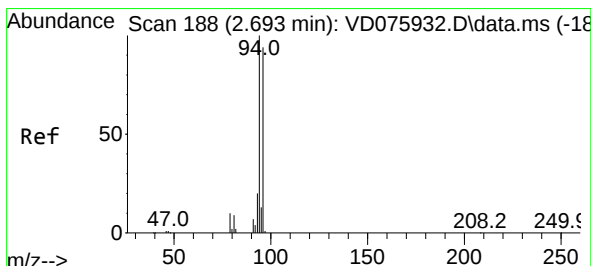
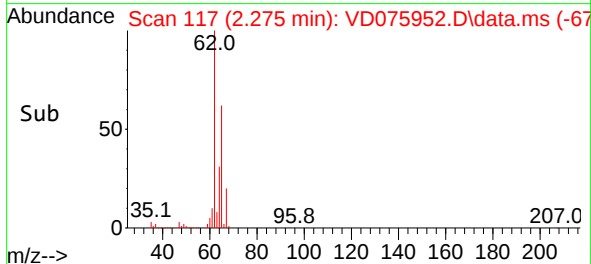
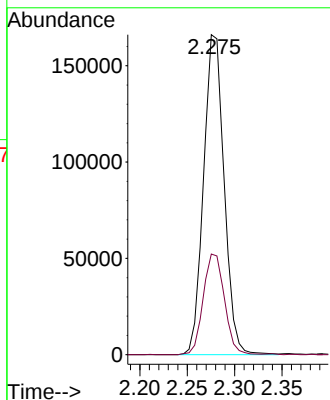
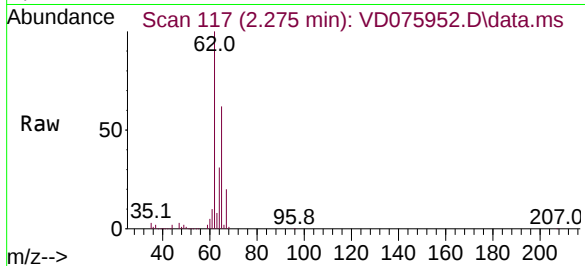




#5
 Vinyl chloride
 Concen: 27.437 ug/L
 RT: 2.275 min Scan# 117
 Delta R.T. -0.006 min
 Lab File: VD075952.D
 Acq: 01 May 2023 21:27

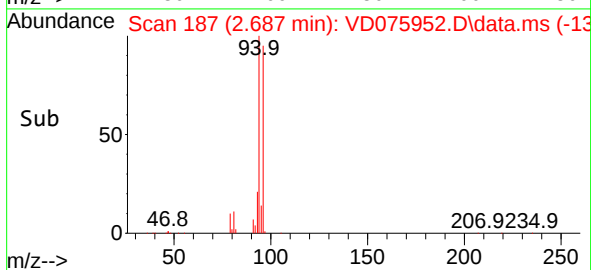
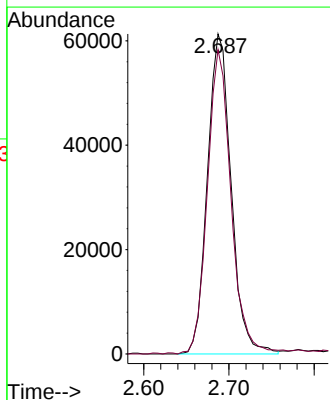
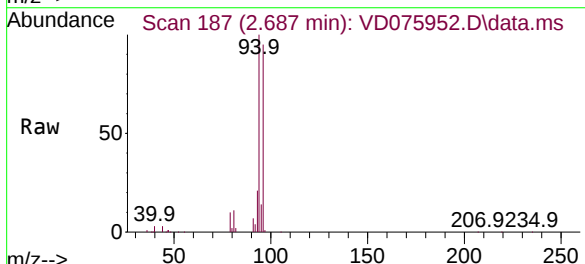
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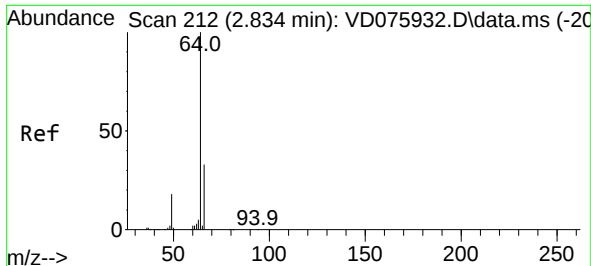
Tgt Ion: 62 Resp: 250645
 Ion Ratio Lower Upper
 62 100
 64 31.5 23.2 43.0



#6
 Bromomethane
 Concen: 19.330 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD075952.D
 Acq: 01 May 2023 21:27

Tgt Ion: 94 Resp: 118656
 Ion Ratio Lower Upper
 94 100
 96 95.1 65.7 121.9

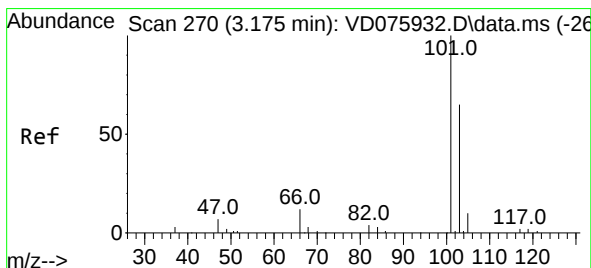
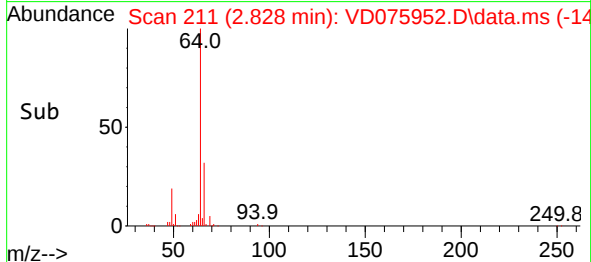
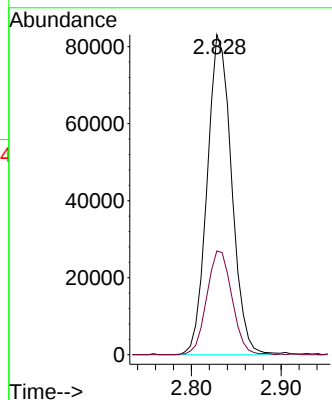
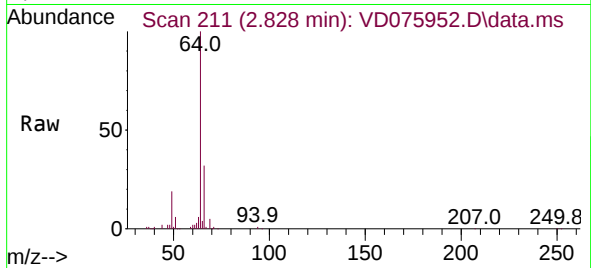




#8
Chloroethane
Concen: 26.647 ug/L
RT: 2.828 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

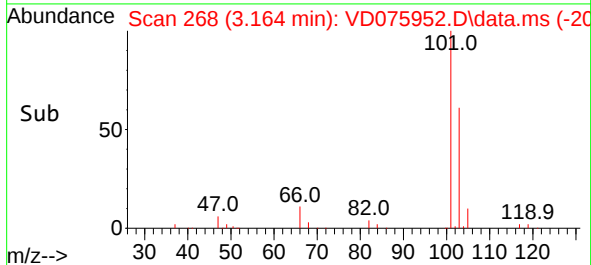
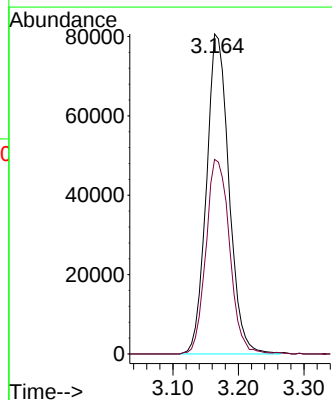
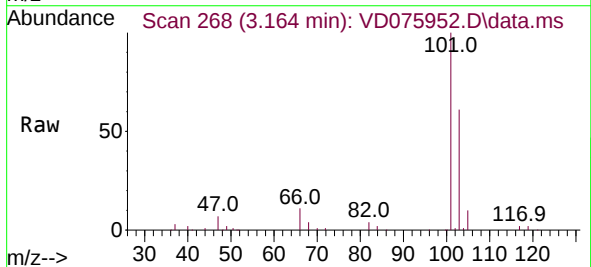
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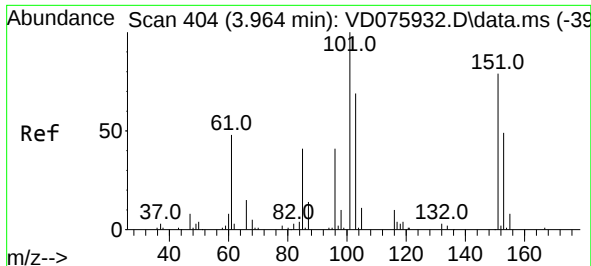
Tgt Ion: 64 Resp: 157436
Ion Ratio Lower Upper
64 100
66 32.4 21.8 40.4



#9
Trichlorofluoromethane
Concen: 26.237 ug/L
RT: 3.164 min Scan# 268
Delta R.T. -0.012 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

Tgt Ion:101 Resp: 192583
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.4

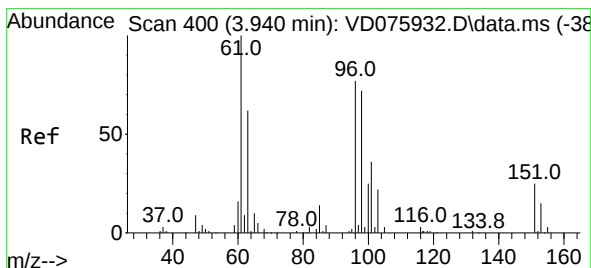
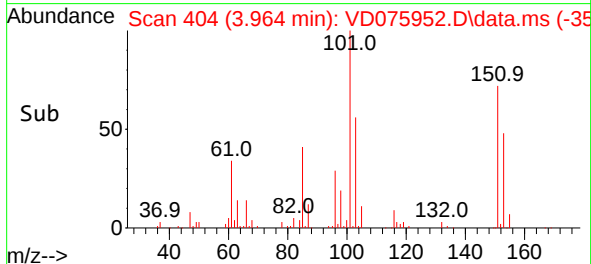
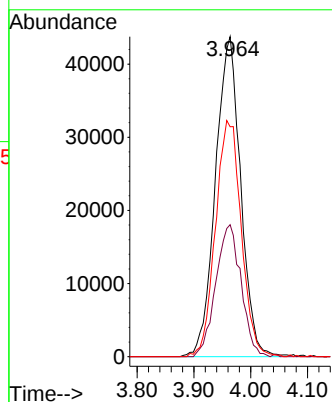
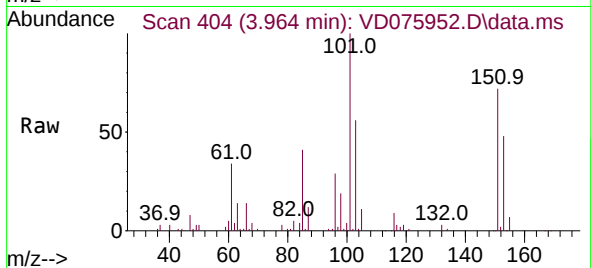




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.335 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD075952.D
 Acq: 01 May 2023 21:27

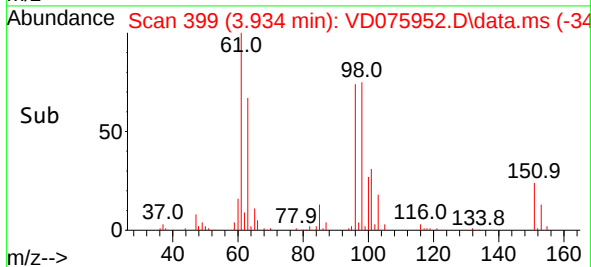
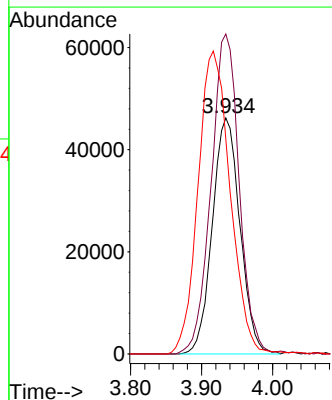
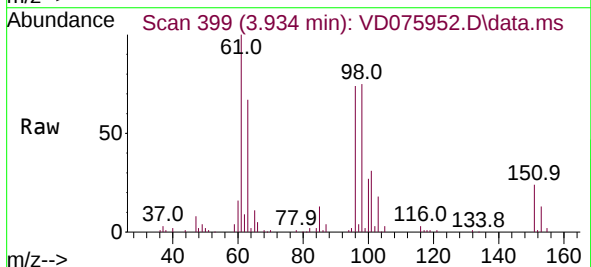
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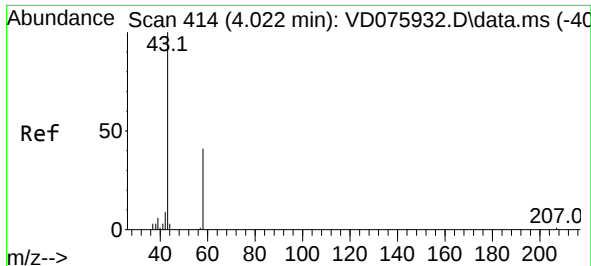
Tgt Ion:101 Resp: 134795
 Ion Ratio Lower Upper
 101 100
 85 41.2 32.9 49.3
 151 75.5 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 26.091 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: VD075952.D
 Acq: 01 May 2023 21:27

Tgt Ion: 96 Resp: 124779
 Ion Ratio Lower Upper
 96 100
 61 135.6 92.6 172.0
 63 91.2 77.4 143.8





#13

Acetone

Concen: 58.389 ug/L

RT: 4.022 min Scan# 41

Delta R.T. -0.000 min

Lab File: VD075952.D

Acq: 01 May 2023 21:27

Instrument :

MSVOA_D

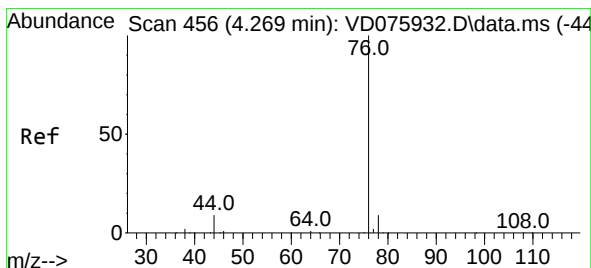
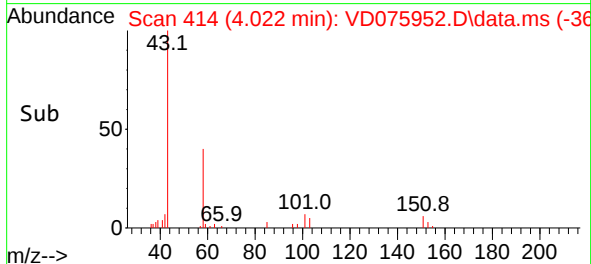
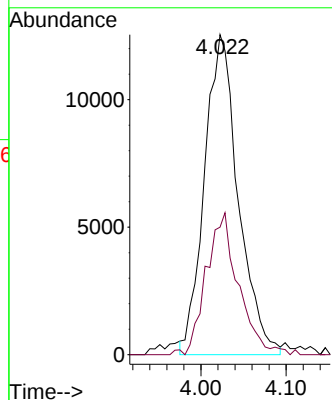
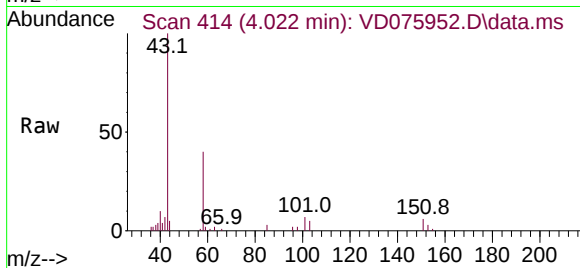
ClientSampleId :

Tgt Ion: 43 Resp: 34612

Ion Ratio Lower Upper

43 100

58 41.0 0.0 87.4



#14

Carbon disulfide

Concen: 24.774 ug/L

RT: 4.264 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD075952.D

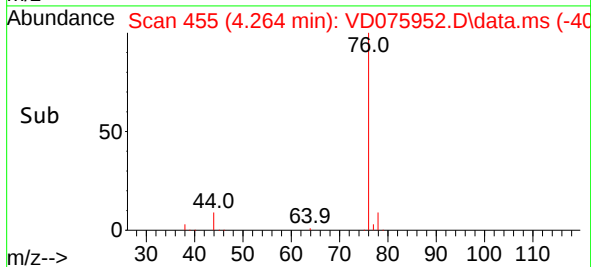
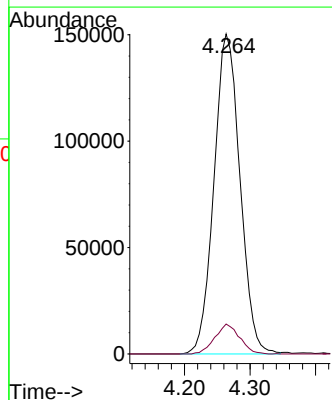
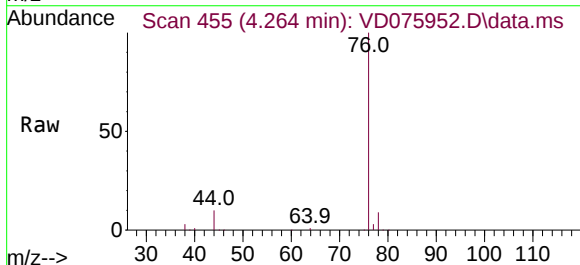
Acq: 01 May 2023 21:27

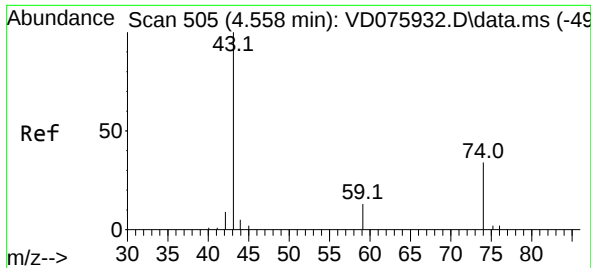
Tgt Ion: 76 Resp: 413827

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6

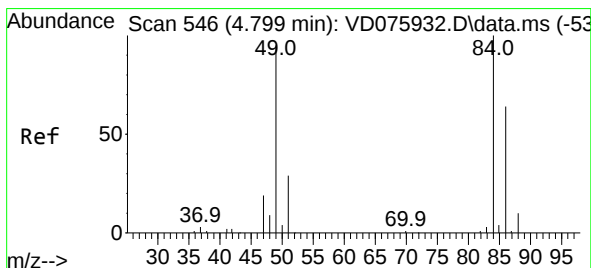
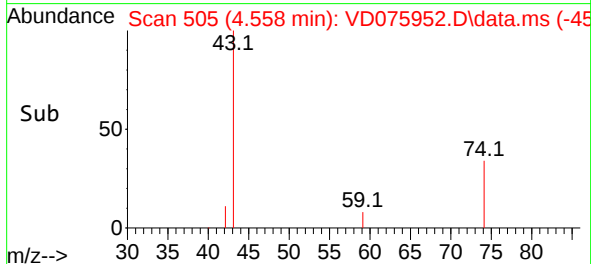
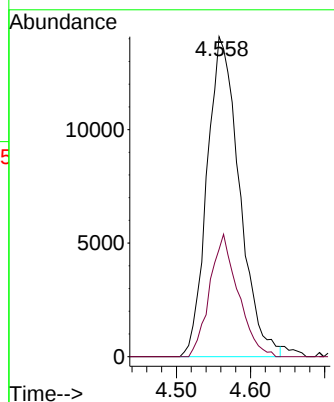
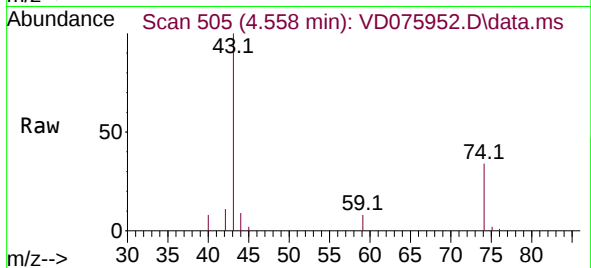




#15
Methyl Acetate
Concen: 33.288 ug/L
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

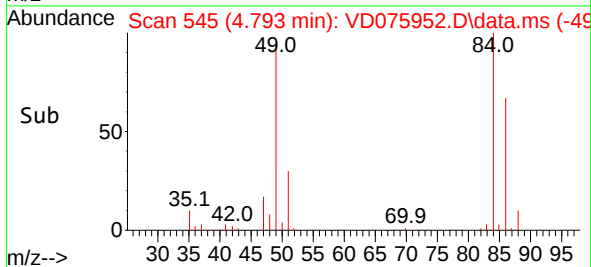
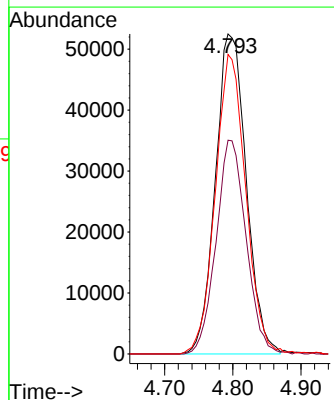
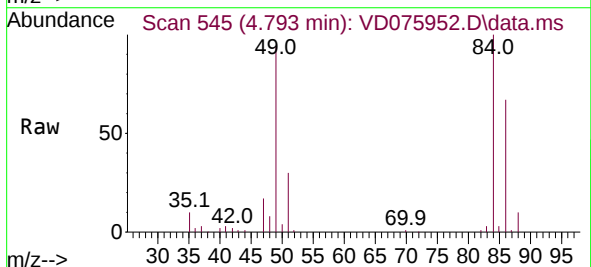
Instrument :
MSVOA_D
ClientSampleId :

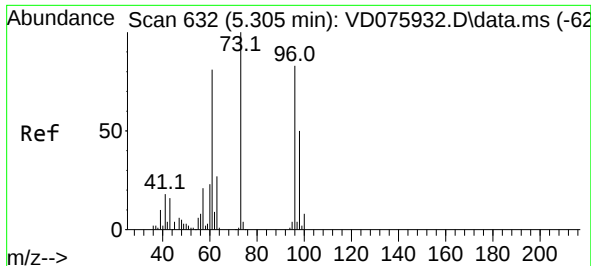
Tgt Ion: 43 Resp: 42764
Ion Ratio Lower Upper
43 100
74 33.6 12.8 19.2#



#16
Methylene chloride
Concen: 22.447 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

Tgt Ion: 84 Resp: 165629
Ion Ratio Lower Upper
84 100
86 66.8 45.8 85.2
49 93.6 60.8 112.8

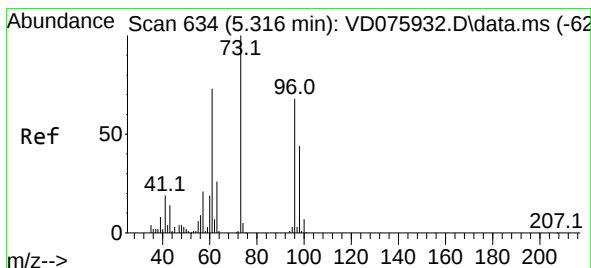
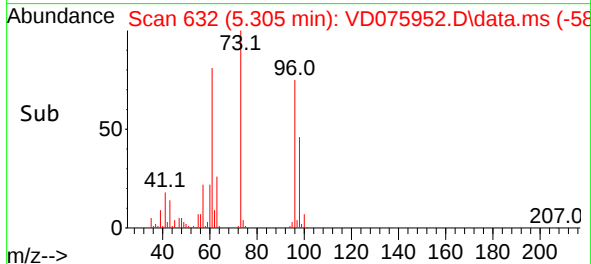
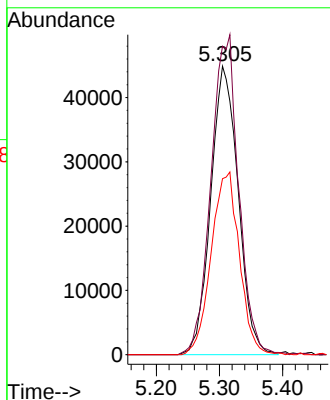
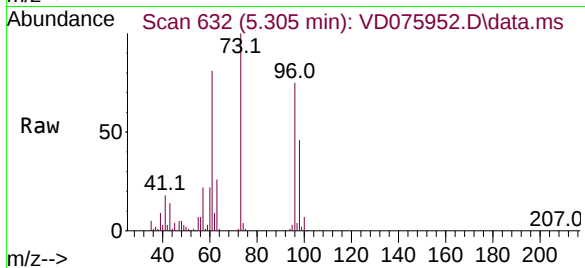




#17
trans-1,2-Dichloroethene
Concen: 25.267 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

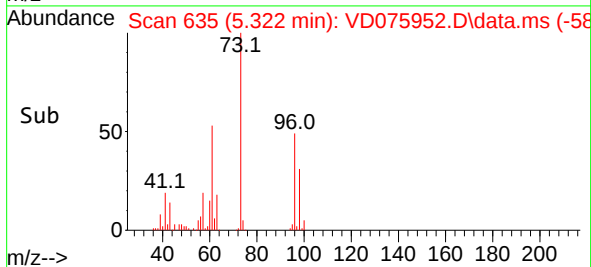
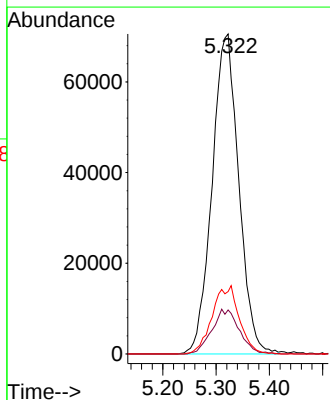
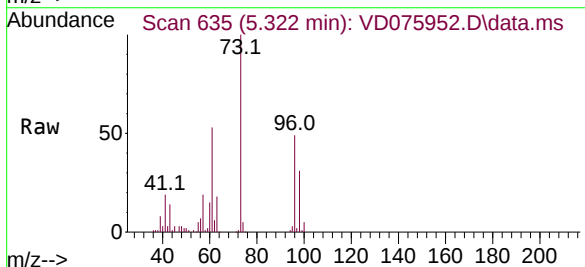
Instrument :
MSVOA_D
ClientSampleId :

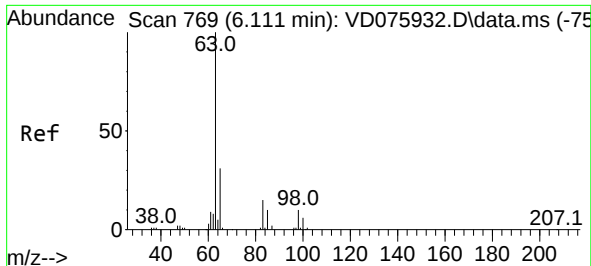
Tgt Ion: 96 Resp: 135494
Ion Ratio Lower Upper
96 100
61 106.9 72.9 135.5
98 61.0 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 28.559 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

Tgt Ion: 73 Resp: 245661
Ion Ratio Lower Upper
73 100
43 0.1 11.3 16.9#
57 10.0 16.3 24.5#





#19

1,1-Dichloroethane

Concen: 27.931 ug/L

RT: 6.105 min Scan# 7

Delta R.T. -0.006 min MSVOA_D

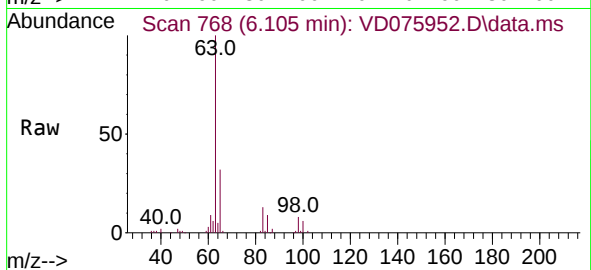
Lab File: VD075952.D

Acq: 01 May 2023 21:27

Instrument :

MSVOA_D

ClientSampleId :



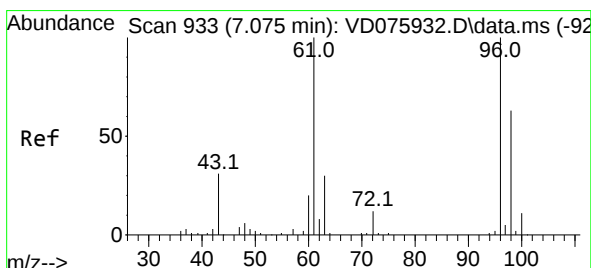
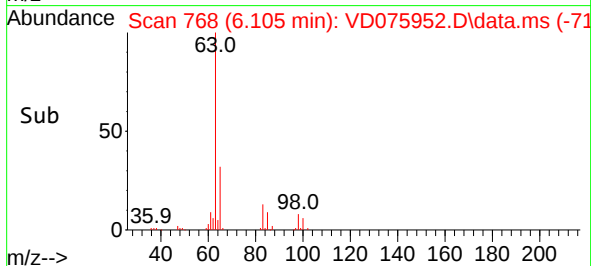
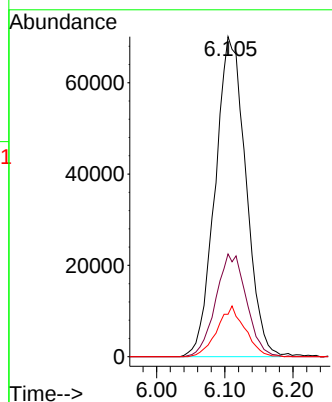
Tgt Ion: 63 Resp: 219422

Ion Ratio Lower Upper

63 100

65 32.1 22.8 42.4

83 13.3 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 26.422 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD075952.D

Acq: 01 May 2023 21:27

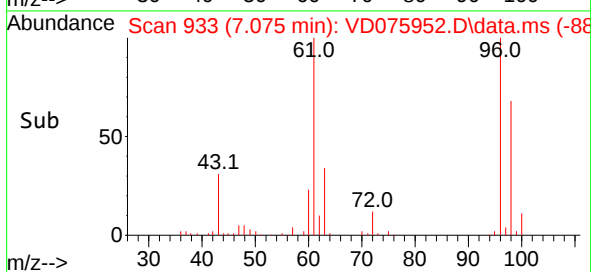
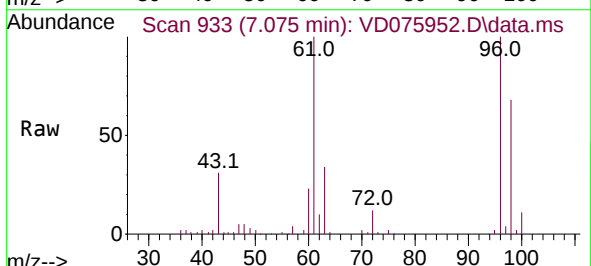
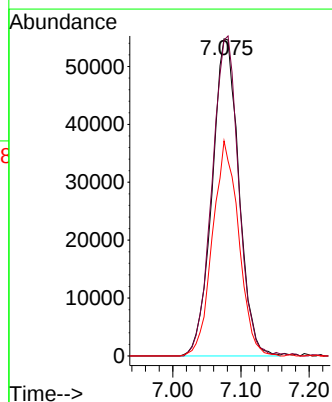
Tgt Ion: 96 Resp: 149816

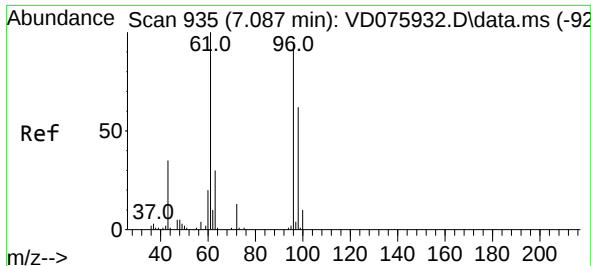
Ion Ratio Lower Upper

96 100

61 99.6 67.5 125.3

98 67.8 47.5 88.1

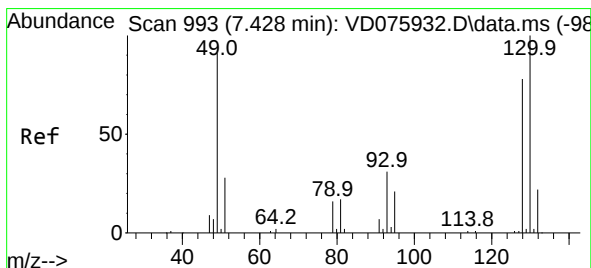
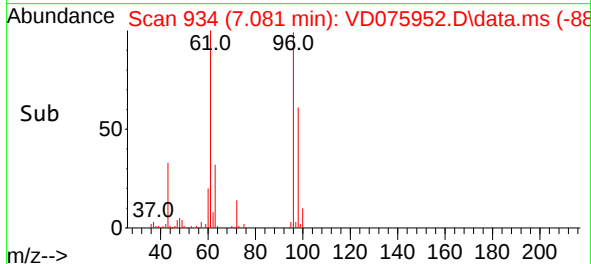
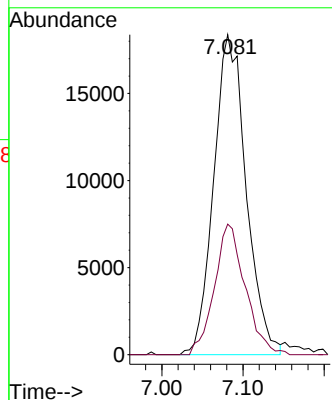
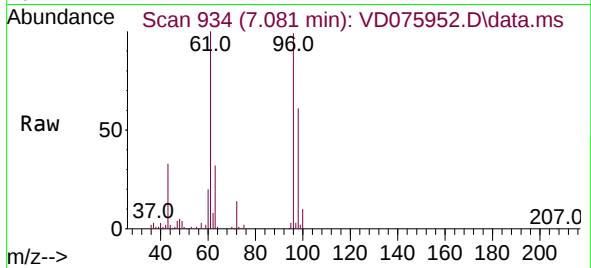




#22
2-Butanone
Concen: 66.019 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

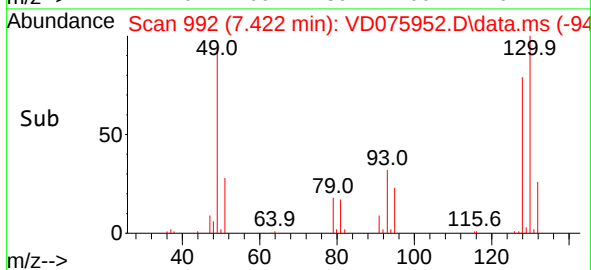
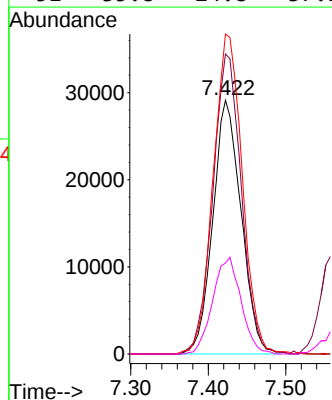
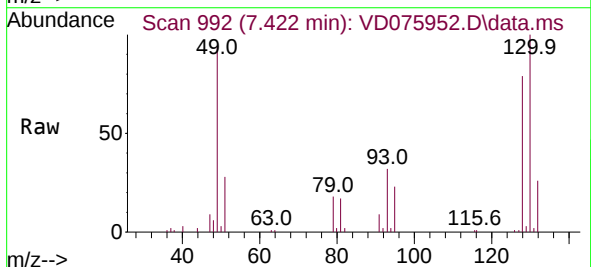
Instrument :
MSVOA_D
ClientSampleId :

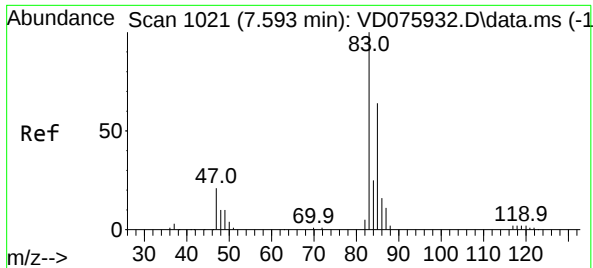
Tgt Ion: 43 Resp: 51019
Ion Ratio Lower Upper
43 100
72 38.4 20.5 61.5



#23
Bromochloromethane
Concen: 28.145 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

Tgt Ion: 128 Resp: 74012
Ion Ratio Lower Upper
128 100
49 118.2 76.4 142.0
130 126.1 93.5 173.7
51 35.8 24.8 37.2





#25

Chloroform

Concen: 26.584 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD075952.D

Acq: 01 May 2023 21:27

Instrument :

MSVOA_D

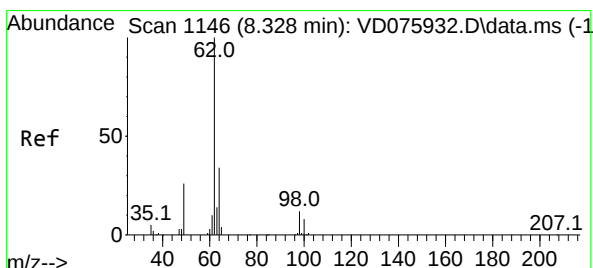
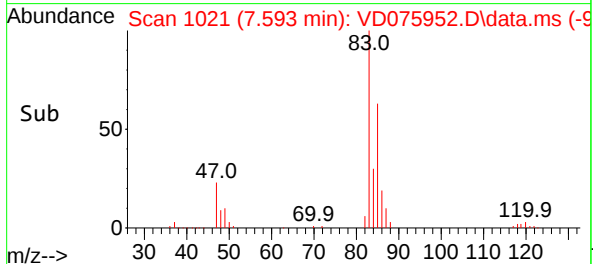
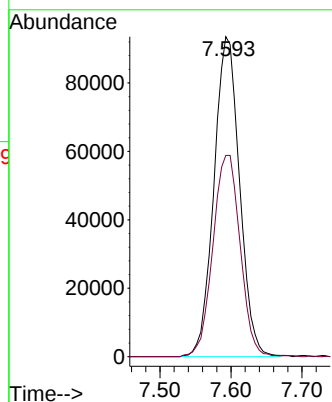
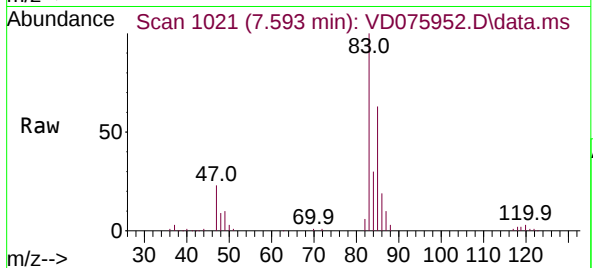
ClientSampleId :

Tgt Ion: 83 Resp: 234050

Ion Ratio Lower Upper

83 100

85 62.9 44.4 82.5



#27

1,2-Dichloroethane

Concen: 29.013 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD075952.D

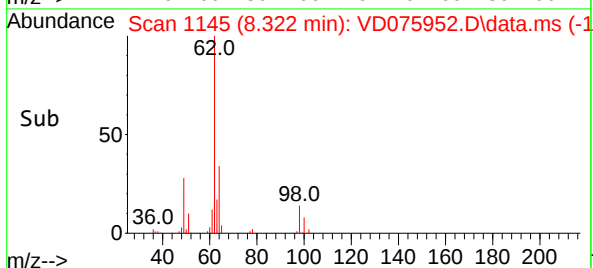
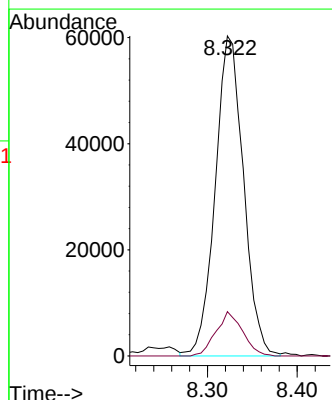
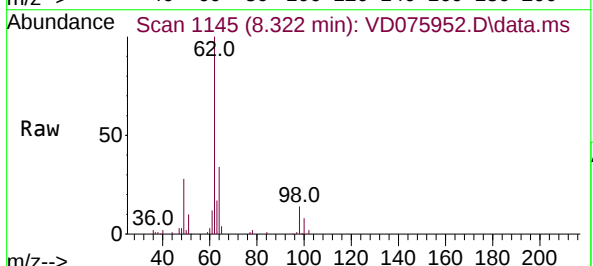
Acq: 01 May 2023 21:27

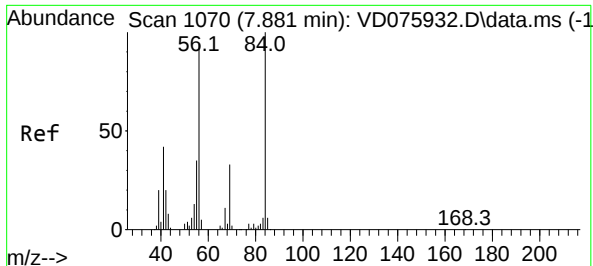
Tgt Ion: 62 Resp: 131850

Ion Ratio Lower Upper

62 100

98 13.8 10.2 15.2





#29

Cyclohexane

Concen: 28.645 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075952.D

Acq: 01 May 2023 21:27

Instrument :

MSVOA_D

ClientSampleId :

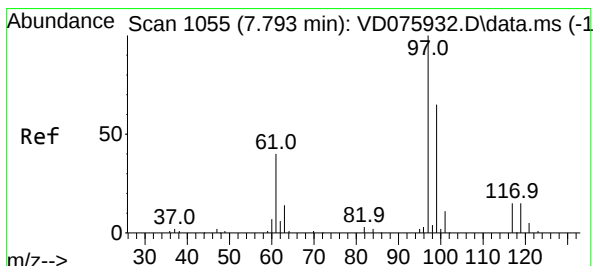
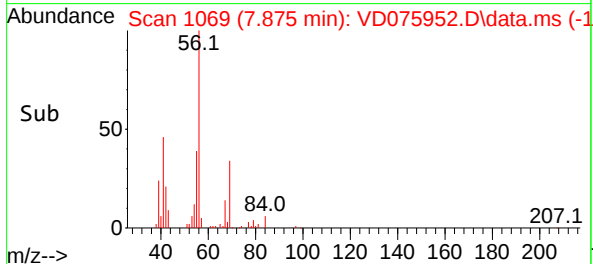
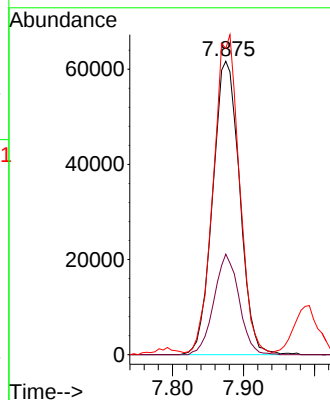
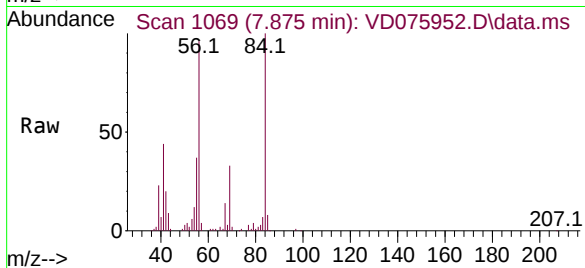
Tgt Ion: 56 Resp: 162342

Ion Ratio Lower Upper

56 100

69 31.9 28.2 42.2

84 105.8 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 26.767 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD075952.D

Acq: 01 May 2023 21:27

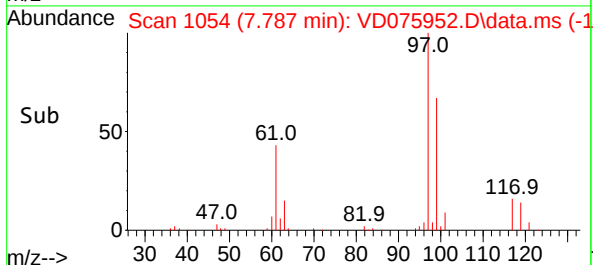
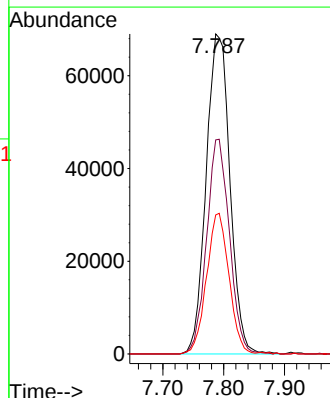
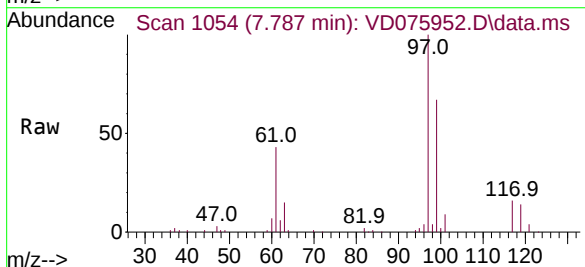
Tgt Ion: 97 Resp: 187488

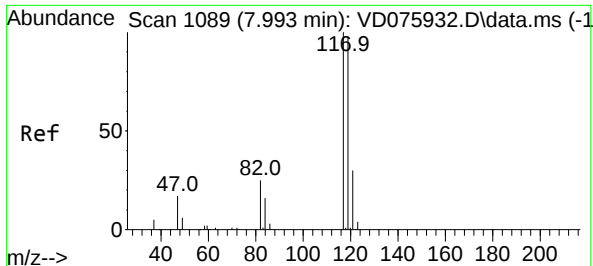
Ion Ratio Lower Upper

97 100

99 64.3 51.5 77.3

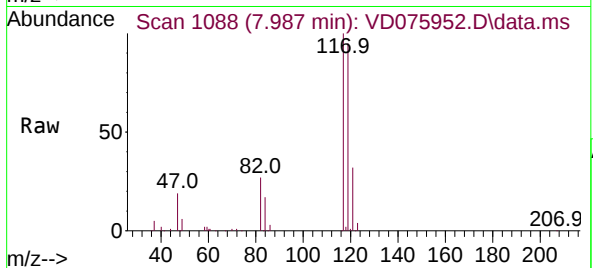
61 41.4 32.1 48.1



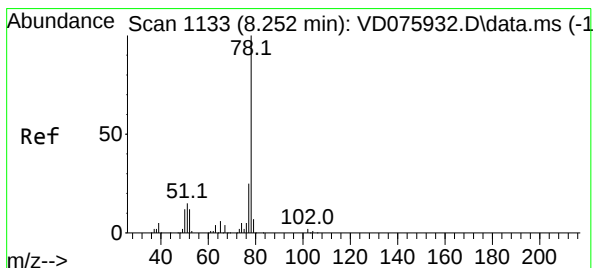
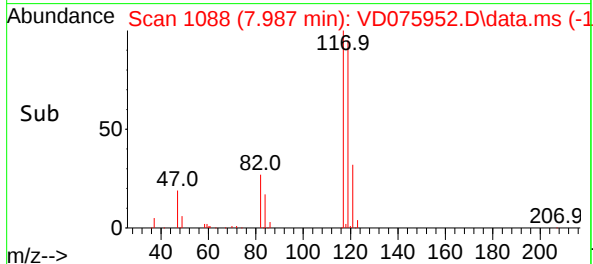
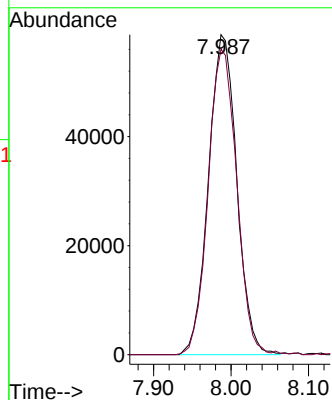


#31
Carbon tetrachloride
Concen: 26.489 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

Instrument :
MSVOA_D
ClientSampleId :

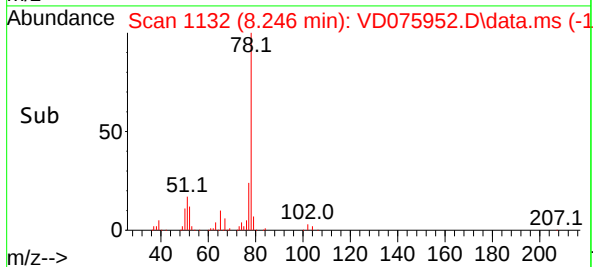
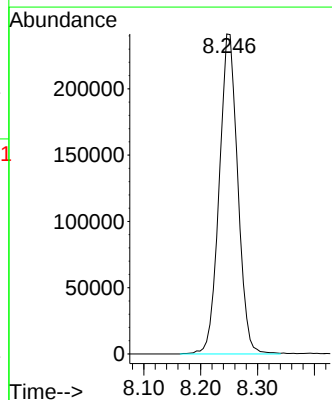
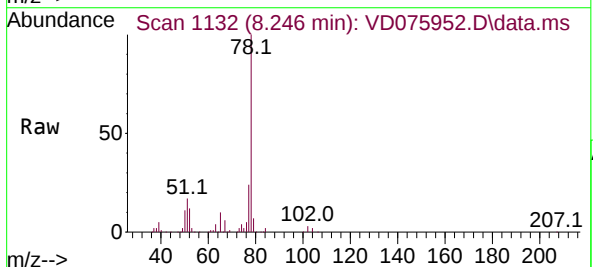


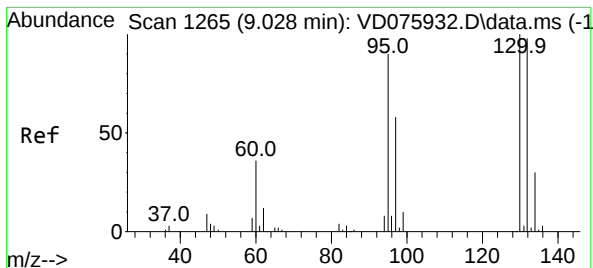
Tgt Ion:117 Resp: 148854
Ion Ratio Lower Upper
117 100
119 95.9 78.2 117.4



#33
Benzene
Concen: 27.350 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

Tgt Ion: 78 Resp: 547693





#34

Trichloroethene

Concen: 26.339 ug/L

RT: 9.028 min Scan# 1

Delta R.T. -0.000 min

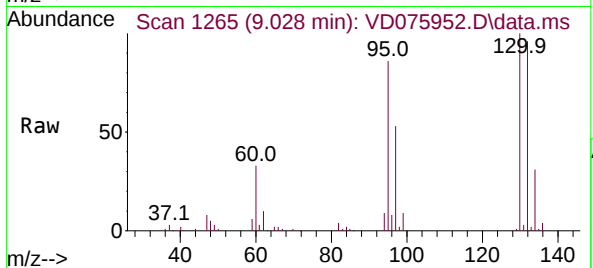
Lab File: VD075952.D

Acq: 01 May 2023 21:27

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 136403

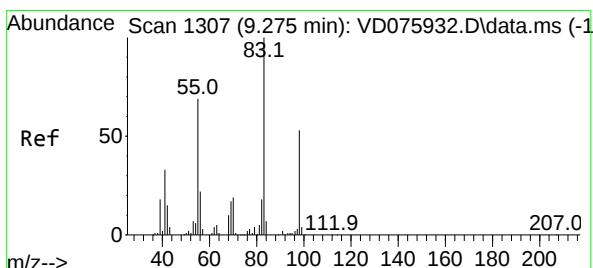
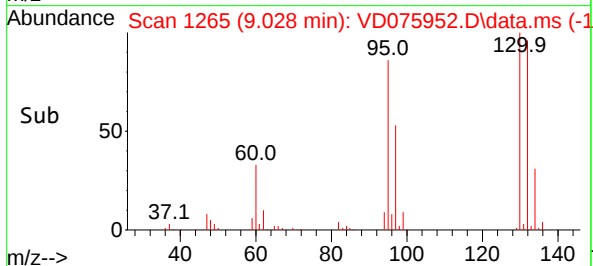
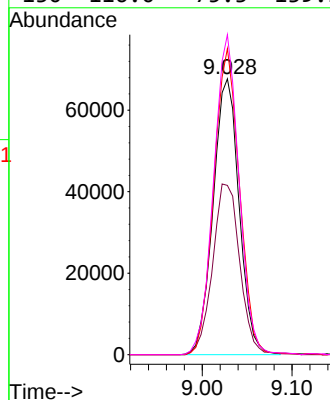
Ion Ratio Lower Upper

95 100

97 61.4 46.0 85.4

132 111.0 73.3 136.1

130 116.0 75.3 139.9



#35

Methylcyclohexane

Concen: 26.725 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD075952.D

Acq: 01 May 2023 21:27

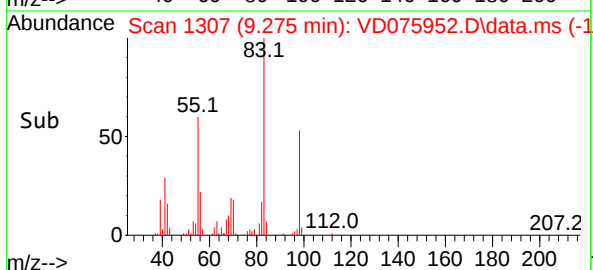
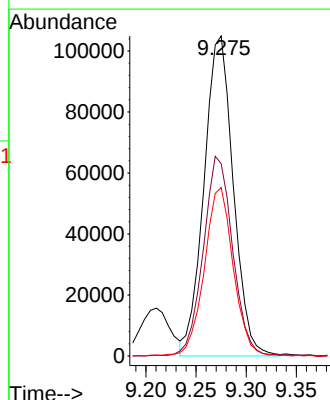
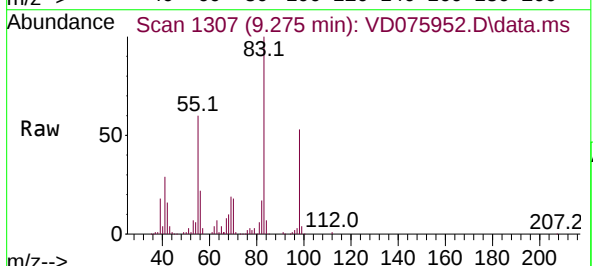
Tgt Ion: 83 Resp: 213377

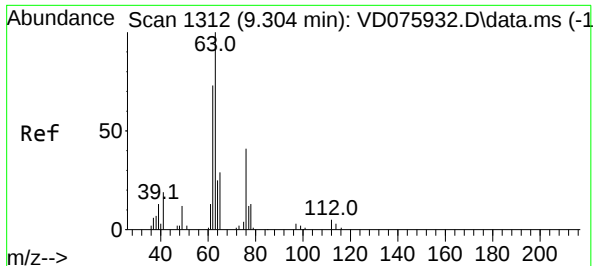
Ion Ratio Lower Upper

83 100

55 62.5 48.2 72.2

98 51.9 40.8 61.2





#37

1,2-Dichloropropane

Concen: 28.408 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075952.D

Acq: 01 May 2023 21:27

Instrument :

MSVOA_D

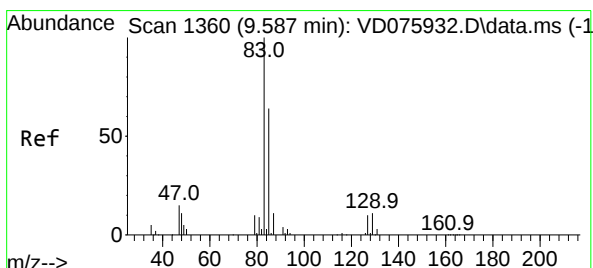
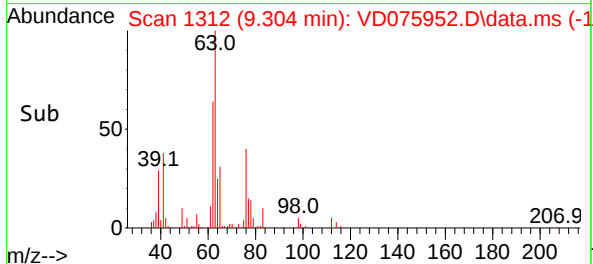
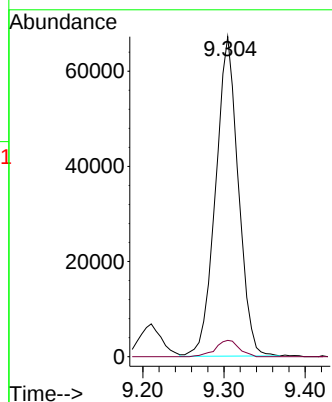
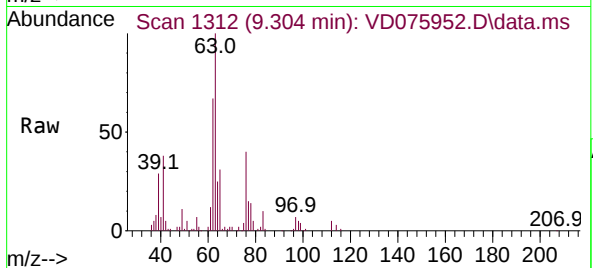
ClientSampleId :

Tgt Ion: 63 Resp: 130675

Ion Ratio Lower Upper

63 100

112 5.3 4.0 6.0



#38

Bromodichloromethane

Concen: 27.347 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD075952.D

Acq: 01 May 2023 21:27

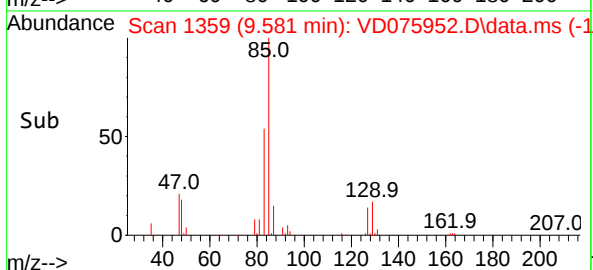
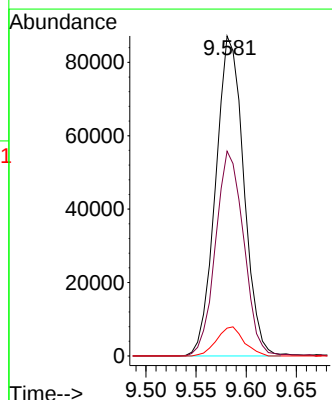
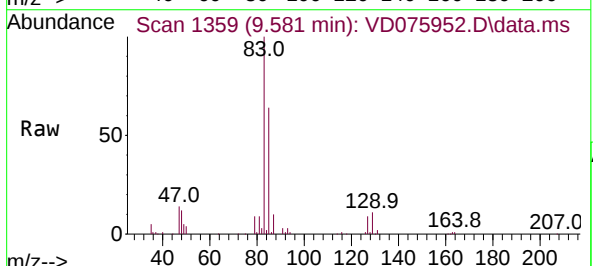
Tgt Ion: 83 Resp: 169619

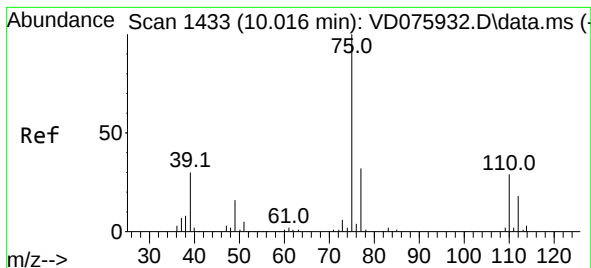
Ion Ratio Lower Upper

83 100

85 64.0 44.2 82.2

127 8.7 6.3 9.5

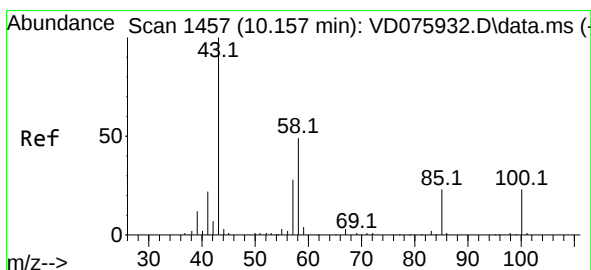
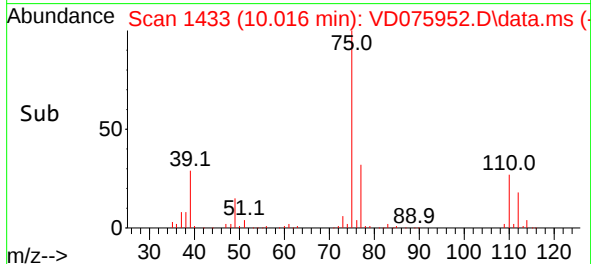
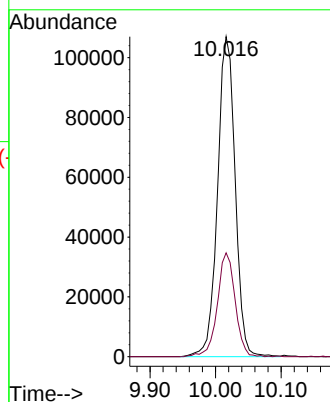
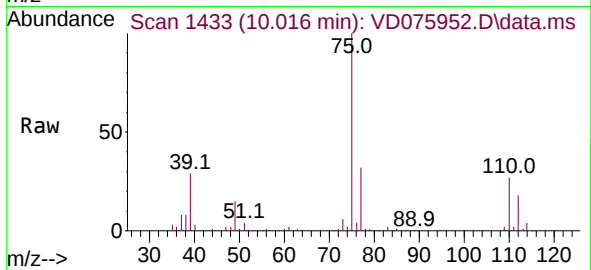




#39
 cis-1,3-Dichloropropene
 Concen: 27.260 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075952.D
 Acq: 01 May 2023 21:27

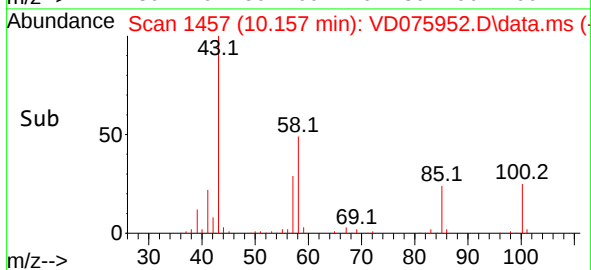
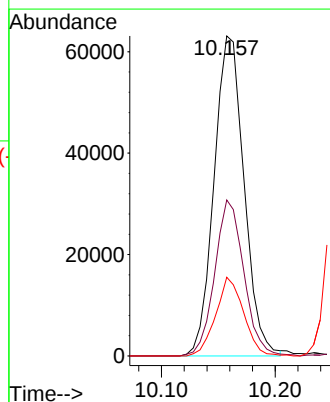
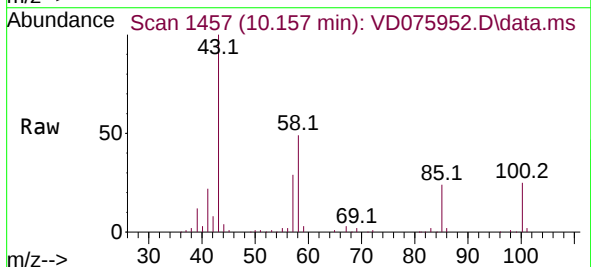
Instrument :
 MSVOA_D
 ClientSampleId :

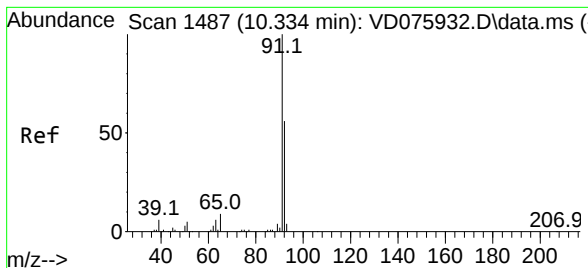
Tgt Ion: 75 Resp: 199427
 Ion Ratio Lower Upper
 75 100
 77 32.4 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 69.121 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD075952.D
 Acq: 01 May 2023 21:27

Tgt Ion: 43 Resp: 115925
 Ion Ratio Lower Upper
 43 100
 58 47.3 39.1 58.7
 100 22.9 19.4 29.0





#42

Toluene

Concen: 27.713 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075952.D

Acq: 01 May 2023 21:27

Instrument :

MSVOA_D

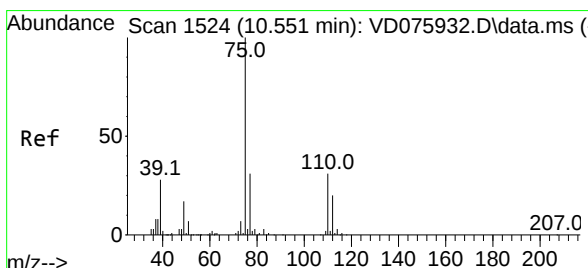
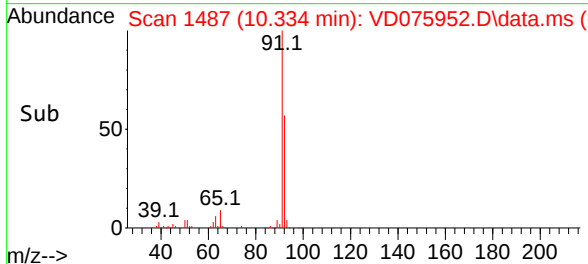
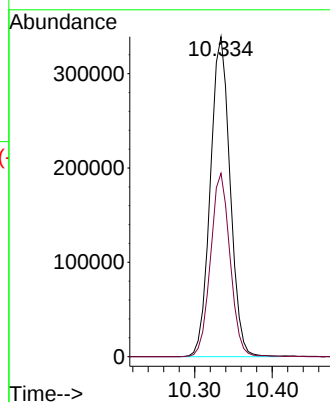
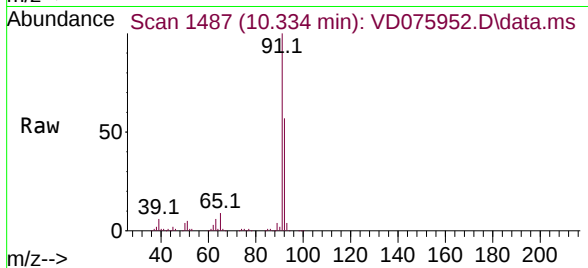
ClientSampleId :

Tgt Ion: 91 Resp: 600564

Ion Ratio Lower Upper

91 100

92 57.3 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 28.679 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD075952.D

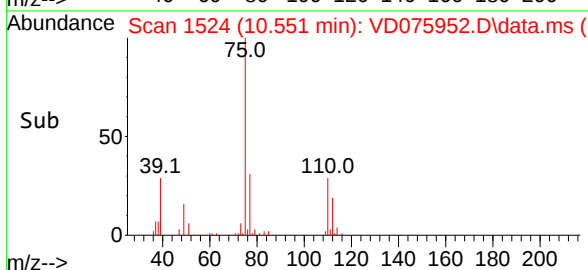
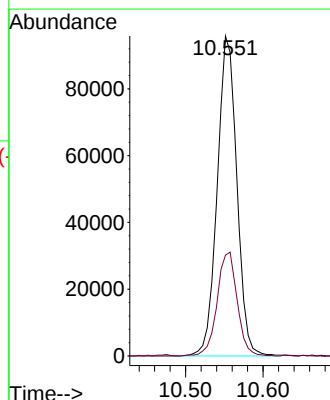
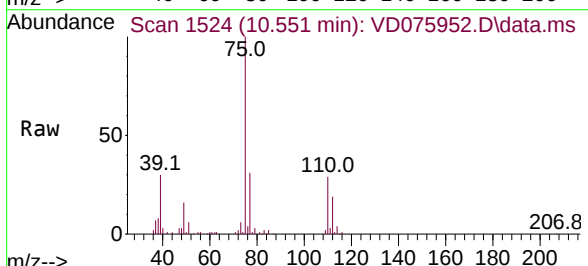
Acq: 01 May 2023 21:27

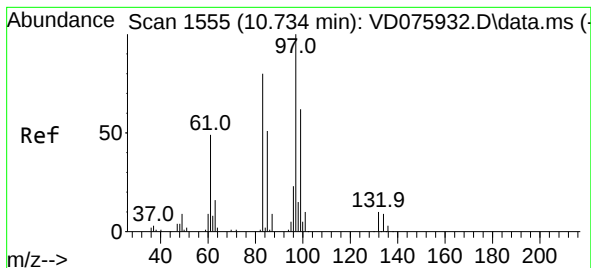
Tgt Ion: 75 Resp: 168543

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 28.288 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075952.D

Acq: 01 May 2023 21:27

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 110704

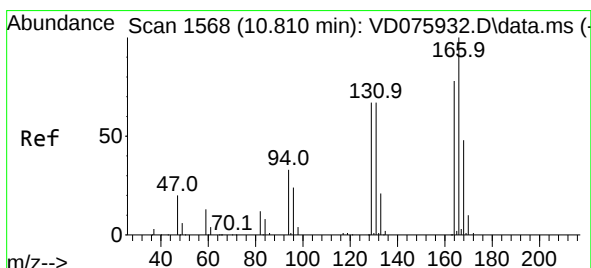
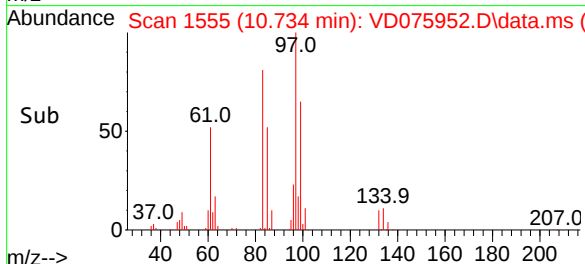
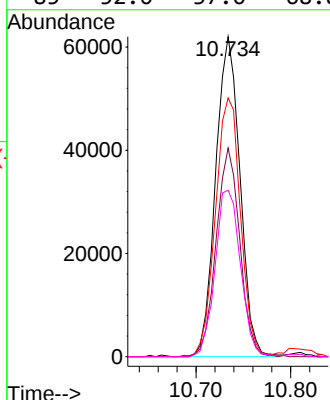
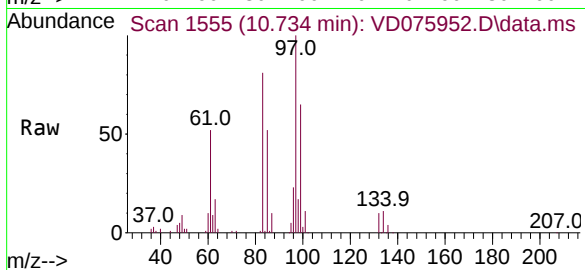
Ion Ratio Lower Upper

97 100

99 65.2 42.2 78.4

83 80.9 54.8 101.8

85 52.0 37.0 68.8



#46

Tetrachloroethene

Concen: 26.967 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD075952.D

Acq: 01 May 2023 21:27

Tgt Ion:164 Resp: 114545

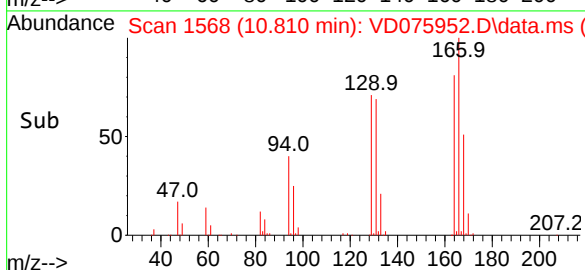
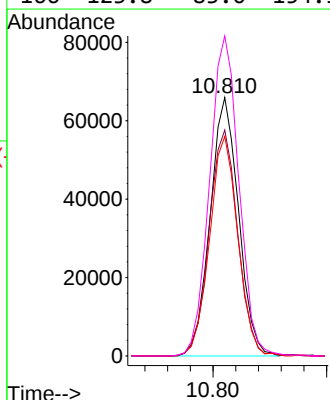
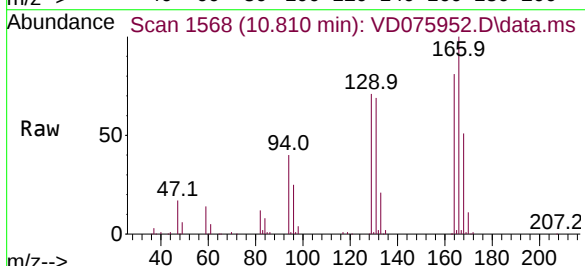
Ion Ratio Lower Upper

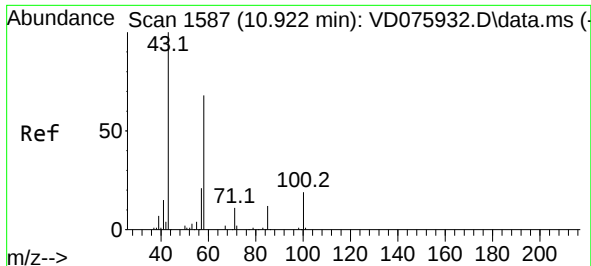
164 100

129 87.4 60.3 112.1

131 85.0 58.9 109.3

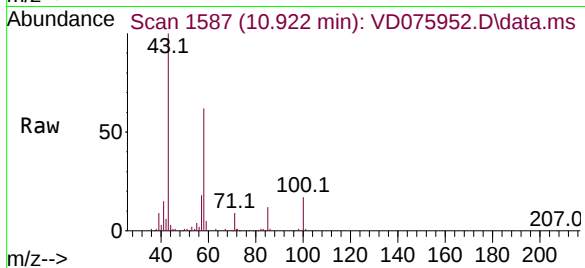
166 123.8 83.0 154.1



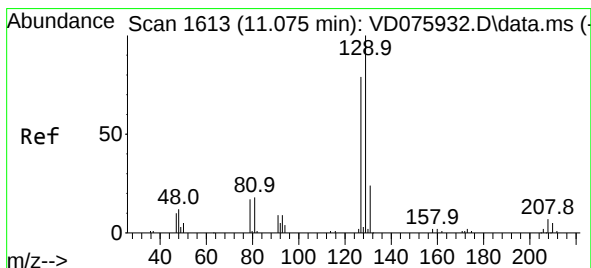
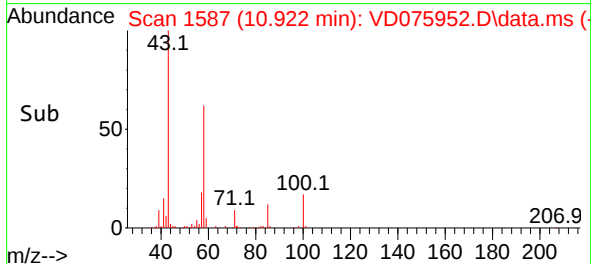
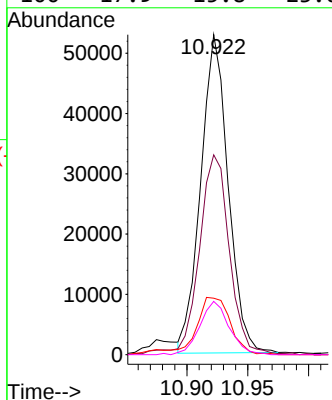


#48
2-Hexanone
Concen: 70.195 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

Instrument :
MSVOA_D
ClientSampleId :

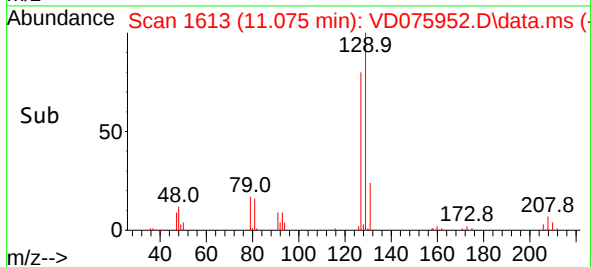
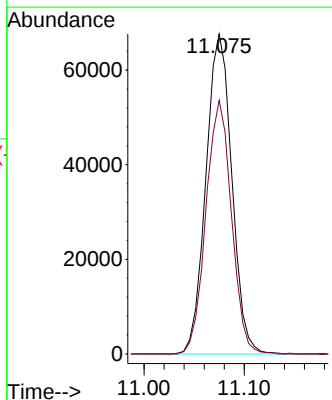
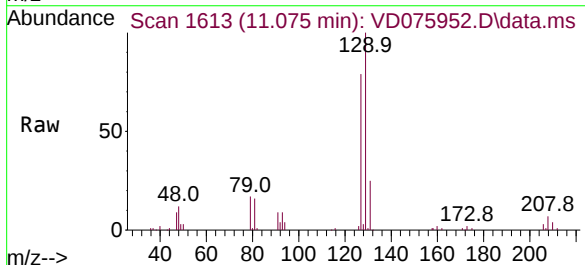


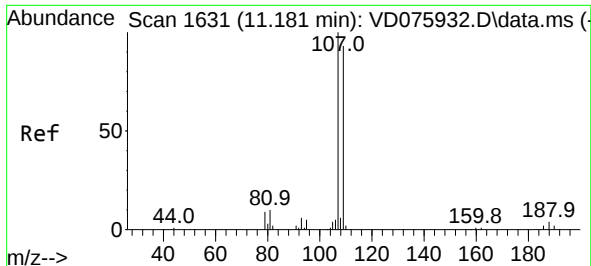
Tgt Ion: 43	Resp: 82994
Ion Ratio	Lower Upper
43 100	
58 67.7	59.7 89.5
57 21.5	17.9 26.9
100 17.9	15.8 23.6



#49
Dibromochloromethane
Concen: 28.516 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

Tgt Ion:129	Resp: 121486		
Ion Ratio	Lower	Upper	
129 100			
127 79.3	55.6	103.4	

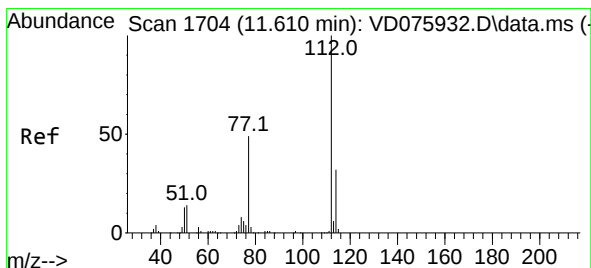
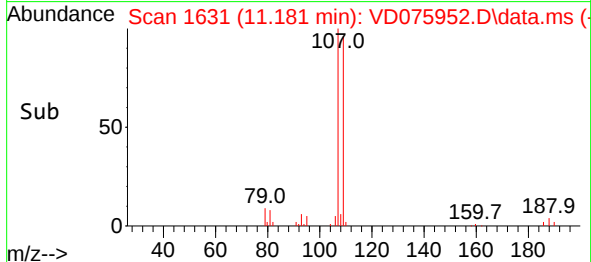
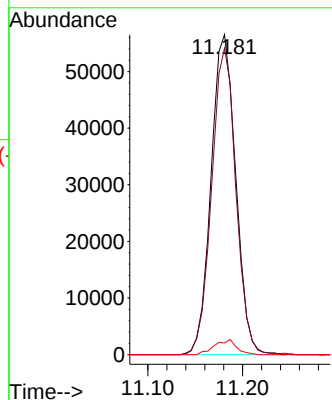
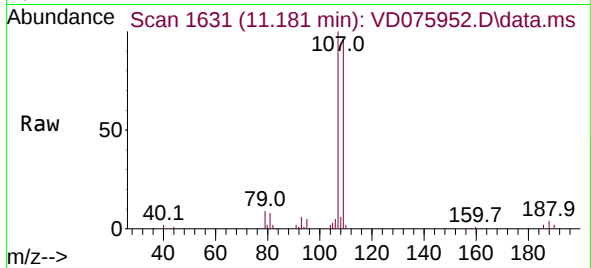




#50
1,2-Dibromoethane
Concen: 28.908 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

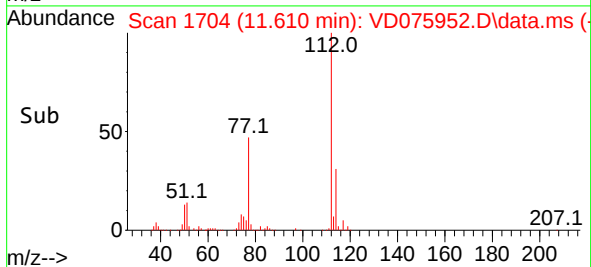
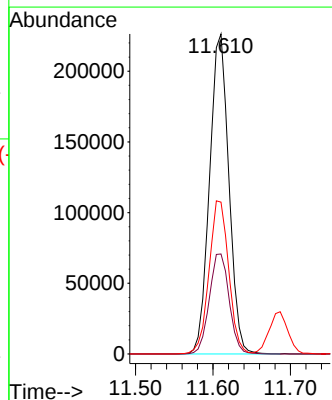
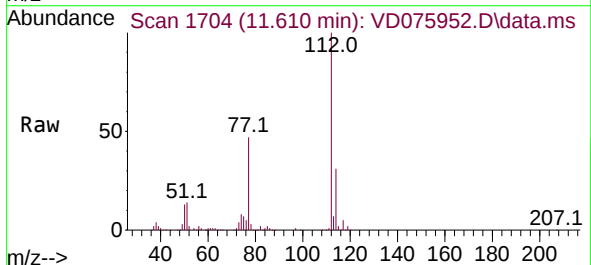
Instrument :
MSVOA_D
ClientSampleId :

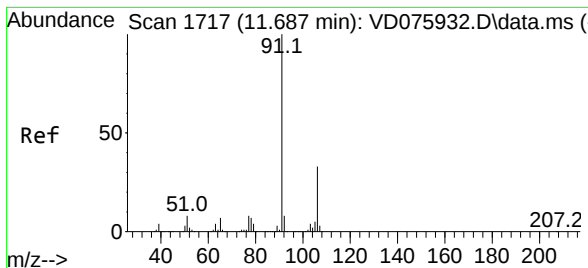
Tgt Ion:107 Resp: 101992
Ion Ratio Lower Upper
107 100
109 95.8 67.6 125.6
188 3.7 3.0 4.6



#51
Chlorobenzene
Concen: 27.625 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

Tgt Ion:112 Resp: 391635
Ion Ratio Lower Upper
112 100
114 31.3 23.0 42.8
77 47.5 39.7 59.5

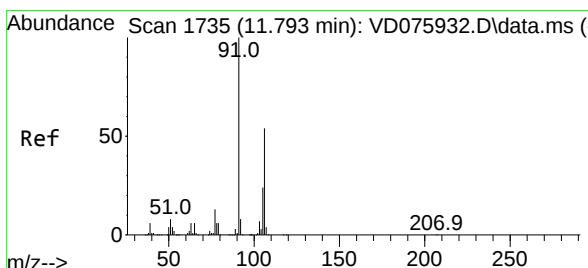
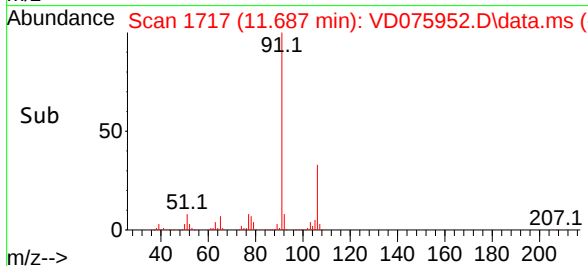
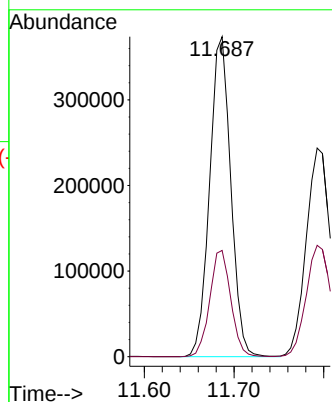
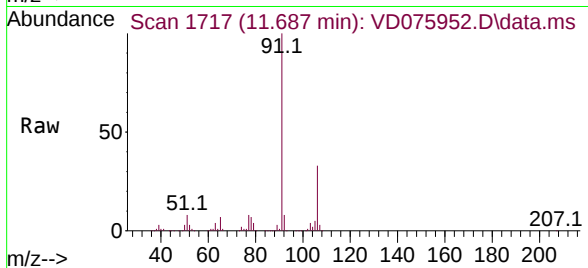




#52
Ethylbenzene
Concen: 27.540 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

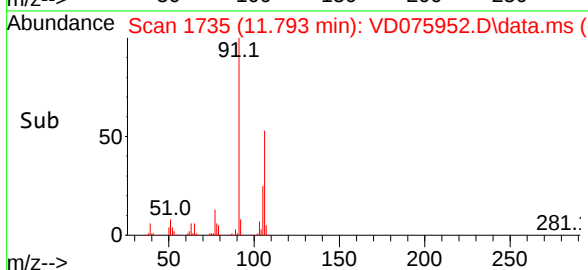
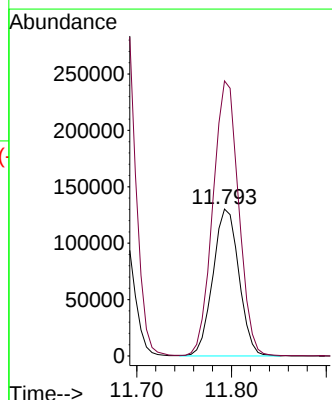
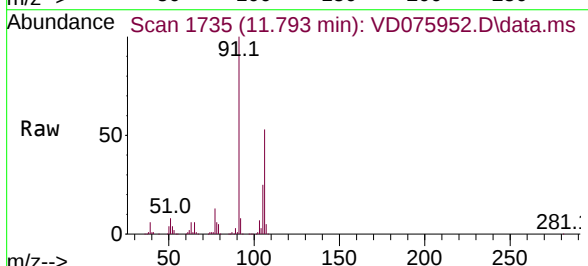
Instrument :
MSVOA_D
ClientSampleId :

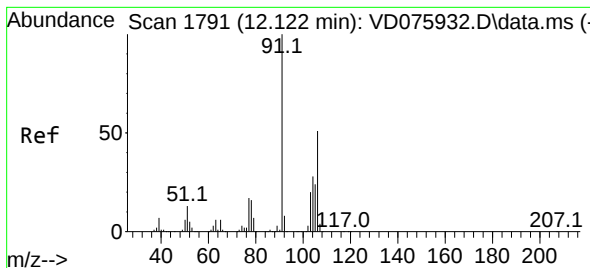
Tgt Ion: 91 Resp: 611999
Ion Ratio Lower Upper
91 100
106 33.2 23.7 43.9



#53
m,p-Xylene
Concen: 28.076 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

Tgt Ion:106 Resp: 248431
Ion Ratio Lower Upper
106 100
91 187.3 130.9 243.1

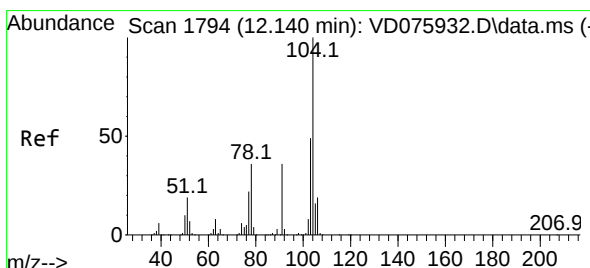
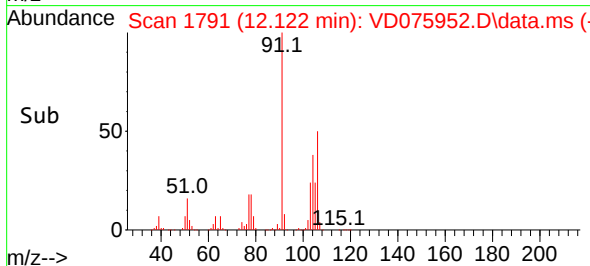
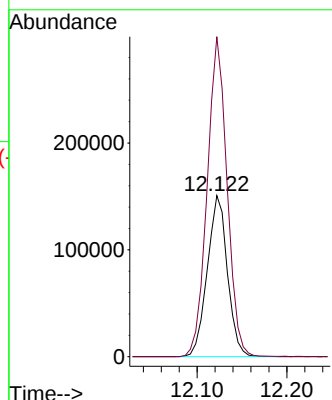
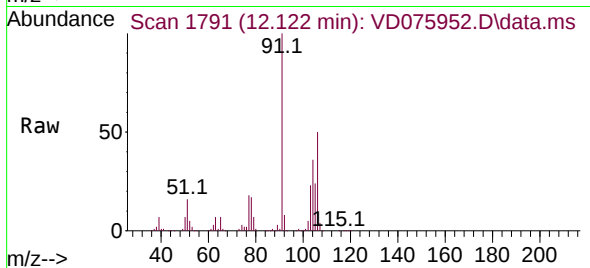




#54
o-Xylene
Concen: 27.913 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

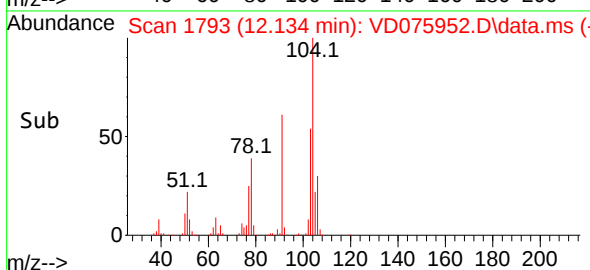
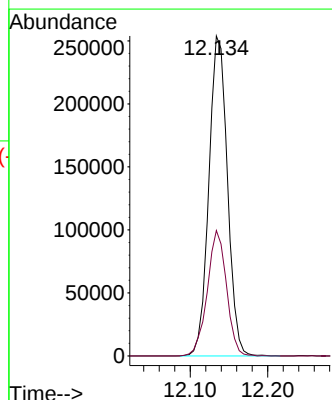
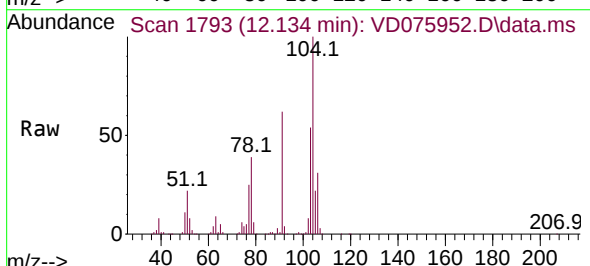
Instrument :
MSVOA_D
ClientSampleId :

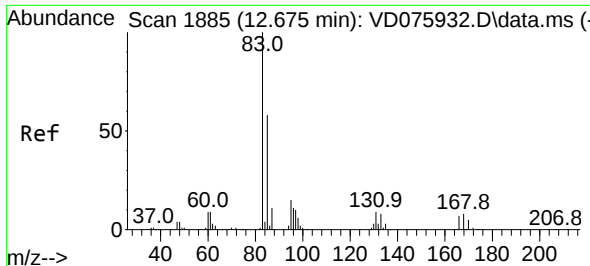
Tgt Ion:106 Resp: 234595
Ion Ratio Lower Upper
106 100
91 198.6 139.8 259.6



#55
Styrene
Concen: 28.890 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

Tgt Ion:104 Resp: 422599
Ion Ratio Lower Upper
104 100
78 39.2 26.2 48.6





#57

1,1,2,2-Tetrachloroethane

Concen: 31.071 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075952.D

Acq: 01 May 2023 21:27

Instrument :

MSVOA_D

ClientSampleId :

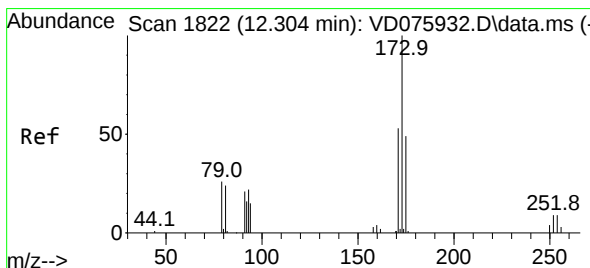
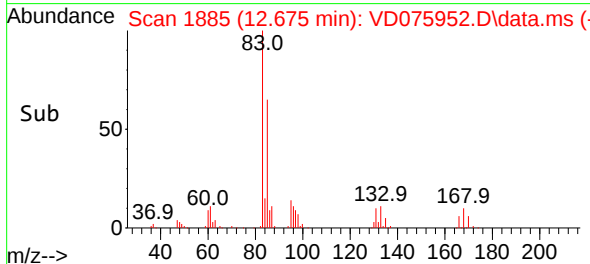
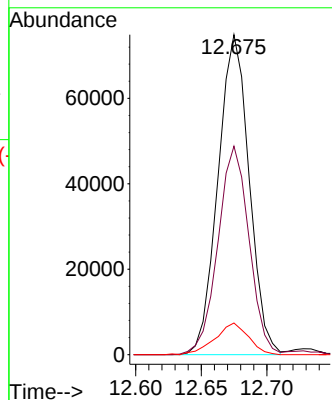
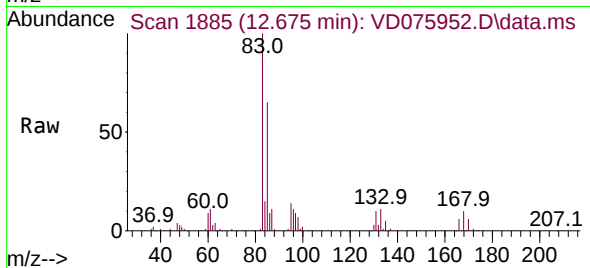
Tgt Ion: 83 Resp: 123718

Ion Ratio Lower Upper

83 100

85 65.1 45.1 83.7

131 9.9 7.0 10.6



#59

Bromoform

Concen: 28.425 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.006 min

Lab File: VD075952.D

Acq: 01 May 2023 21:27

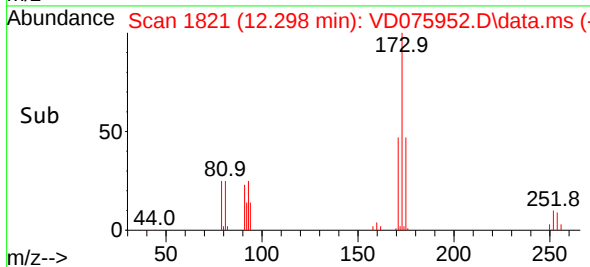
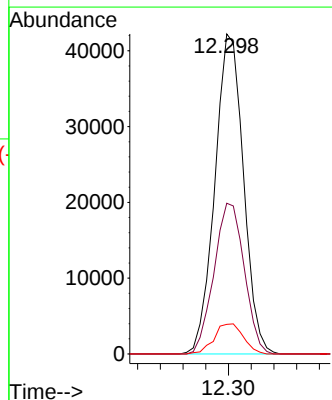
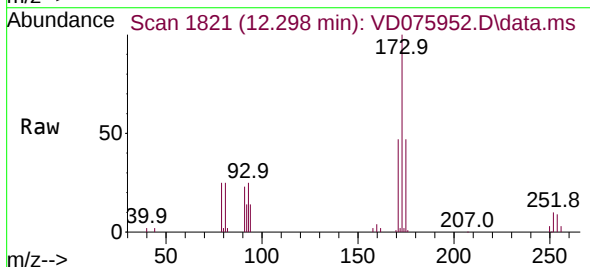
Tgt Ion:173 Resp: 73815

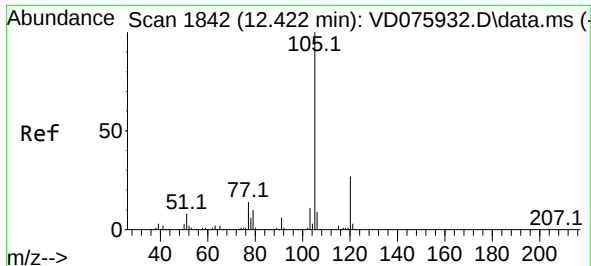
Ion Ratio Lower Upper

173 100

175 49.8 39.4 59.0

254 9.7 7.4 11.2

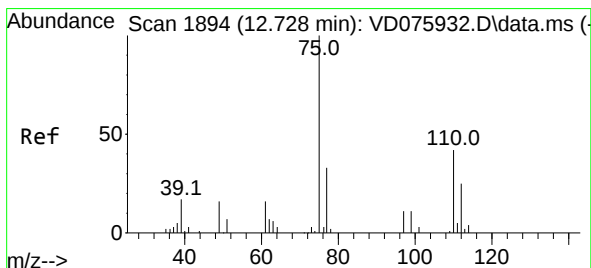
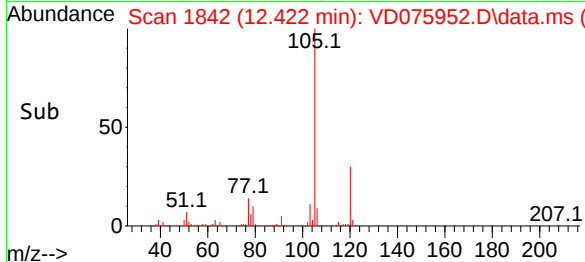
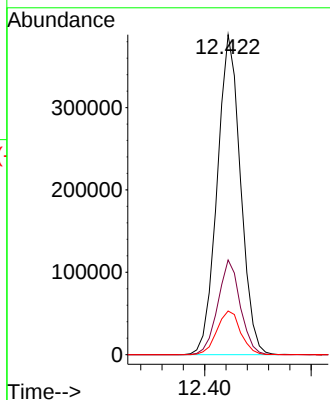
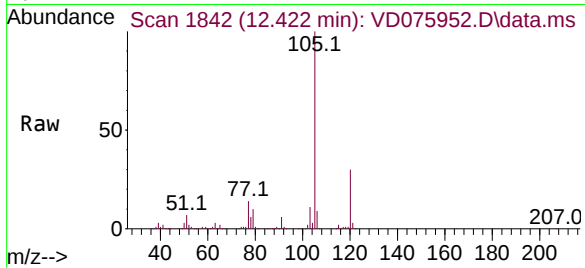




#60
Isopropylbenzene
Concen: 26.281 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

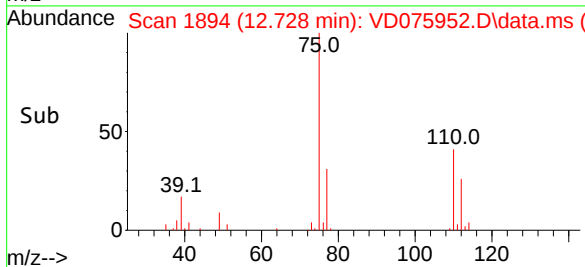
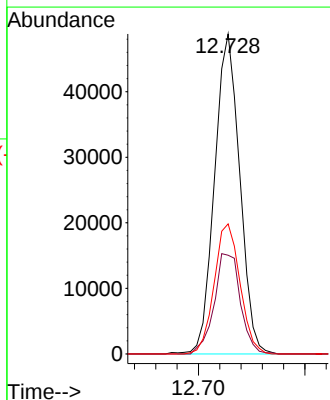
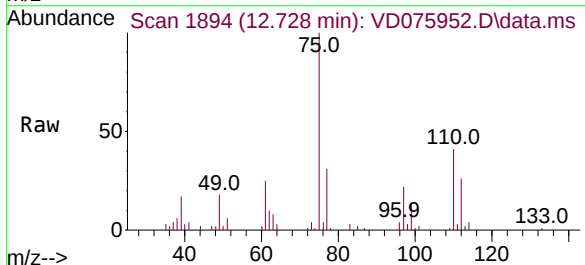
Instrument :
MSVOA_D
ClientSampleId :

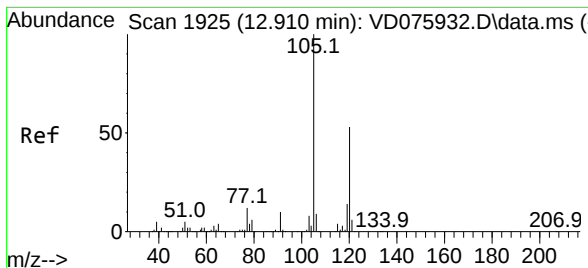
Tgt Ion:105 Resp: 590467
Ion Ratio Lower Upper
105 100
120 28.5 22.7 34.1
77 13.9 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 30.004 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

Tgt Ion: 75 Resp: 79864
Ion Ratio Lower Upper
75 100
77 32.7 26.6 39.8
110 41.7 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 27.044 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD075952.D

Acq: 01 May 2023 21:27

Instrument :

MSVOA_D

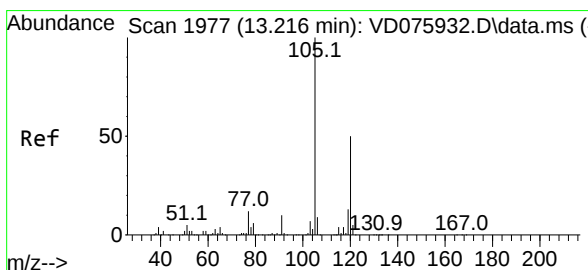
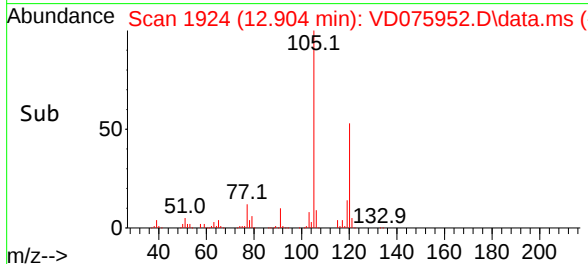
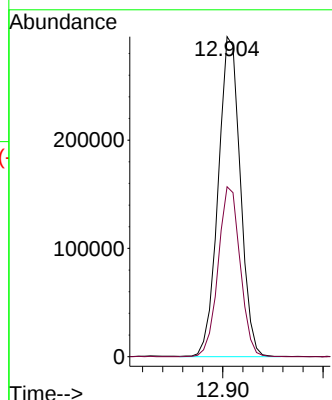
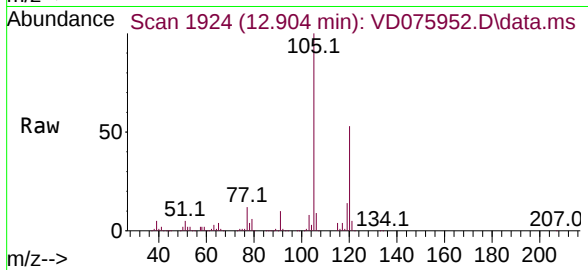
ClientSampleId :

Tgt Ion:105 Resp: 453094

Ion Ratio Lower Upper

105 100

120 52.6 42.0 63.0



#63

1,2,4-Trimethylbenzene

Concen: 27.289 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075952.D

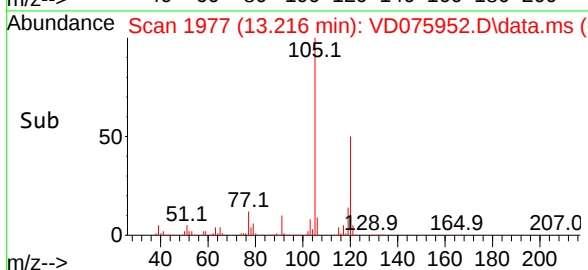
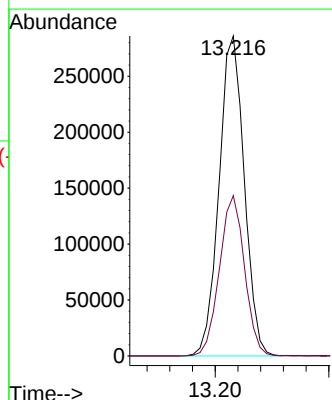
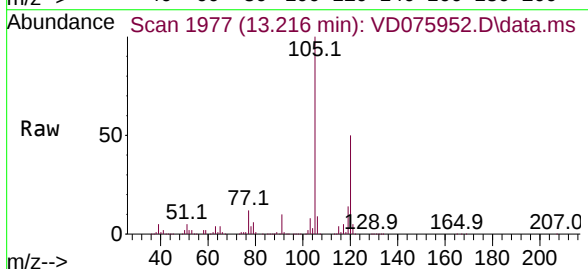
Acq: 01 May 2023 21:27

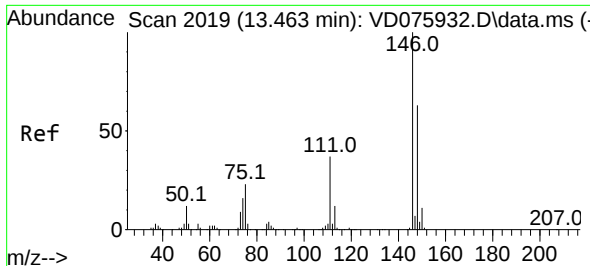
Tgt Ion:105 Resp: 440720

Ion Ratio Lower Upper

105 100

120 49.8 39.0 58.6

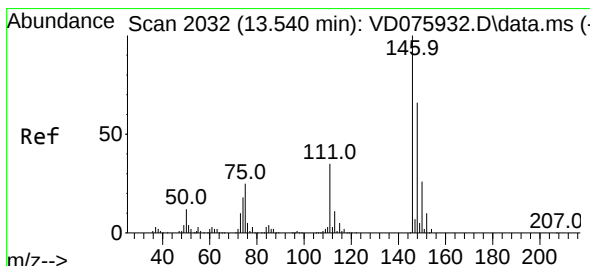
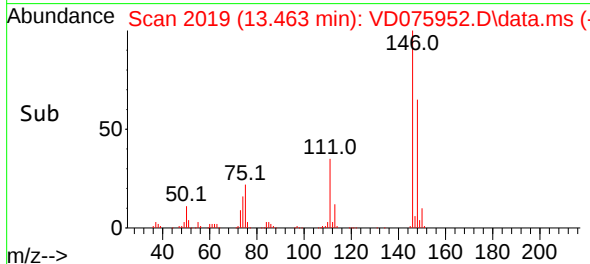
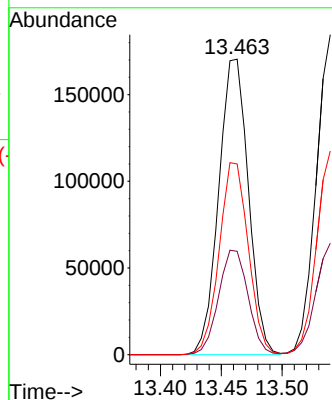
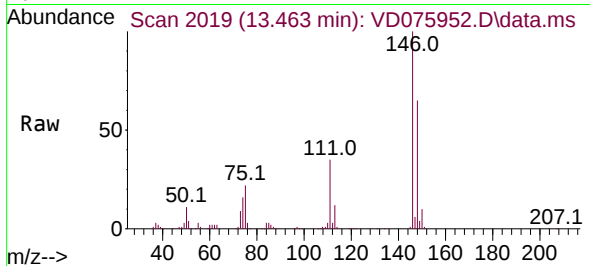




#64
1,3-Dichlorobenzene
Concen: 26.928 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

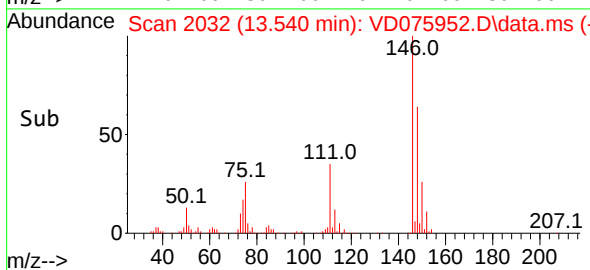
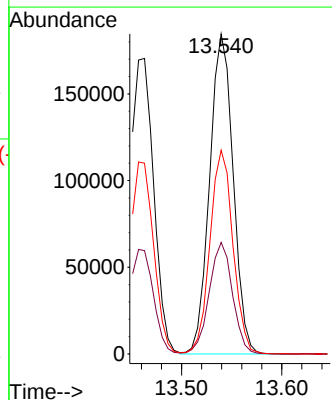
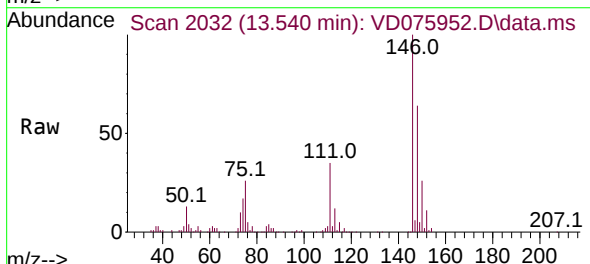
Instrument :
MSVOA_D
ClientSampleId :

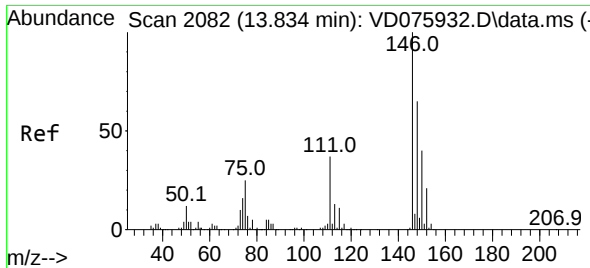
Tgt Ion:146 Resp: 289475
Ion Ratio Lower Upper
146 100
111 35.0 26.5 49.1
148 64.6 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 26.626 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

Tgt Ion:146 Resp: 300402
Ion Ratio Lower Upper
146 100
111 34.9 24.6 45.8
148 63.6 44.4 82.4

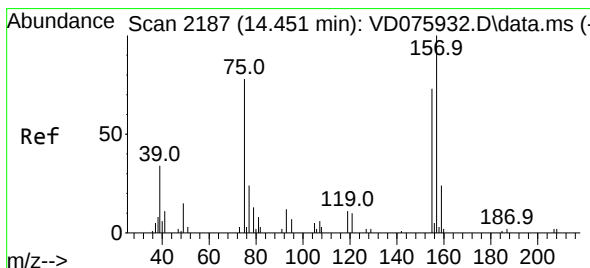
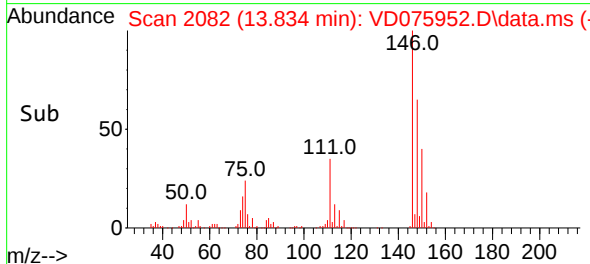
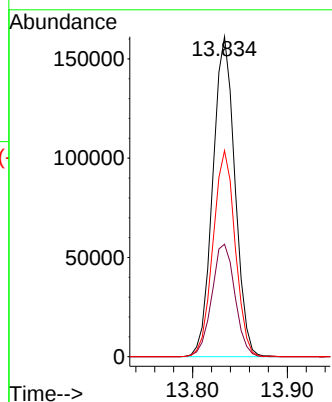
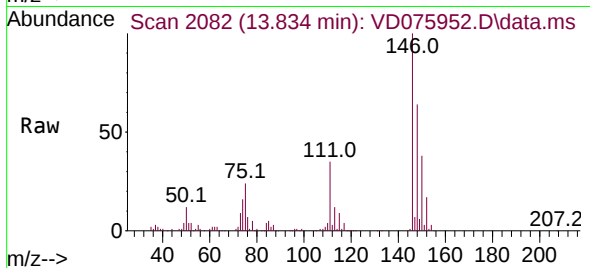




#67
1,2-Dichlorobenzene
Concen: 27.221 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

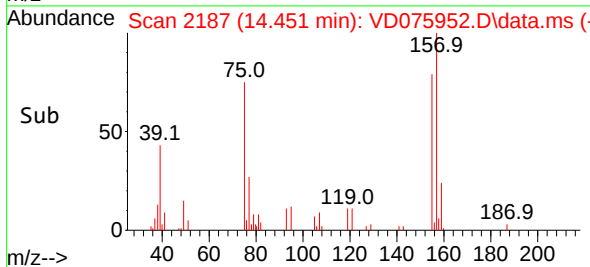
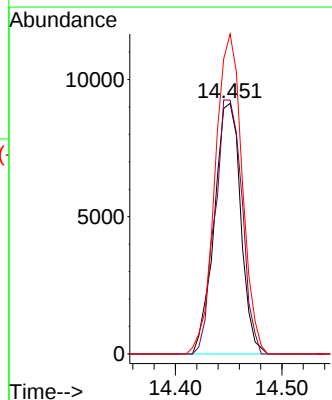
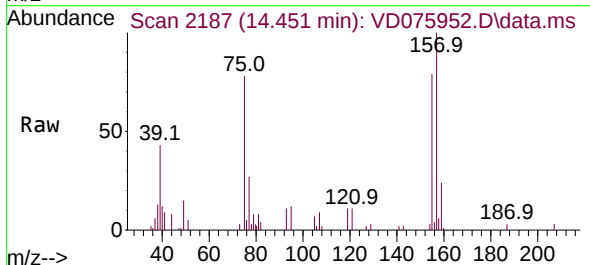
Instrument :
MSVOA_D
ClientSampleId :

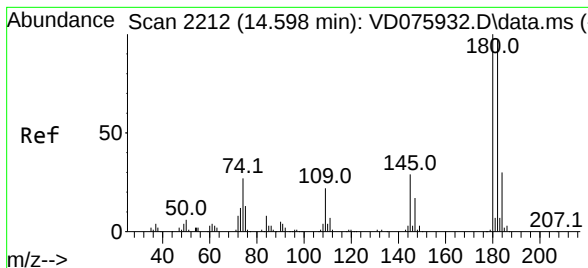
Tgt Ion:146 Resp: 261325
Ion Ratio Lower Upper
146 100
111 35.2 30.6 46.0
148 64.4 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 29.486 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

Tgt Ion: 75 Resp: 15690
Ion Ratio Lower Upper
75 100
155 101.2 74.6 111.8
157 127.7 109.4 164.2





#69

1,3,5-Trichlorobenzene

Concen: 24.054 ug/L

RT: 14.598 min Scan# 21

Delta R.T. -0.000 min

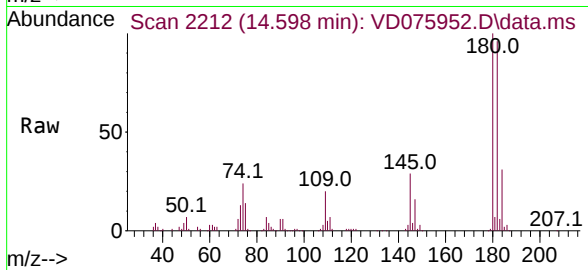
Lab File: VD075952.D

Acq: 01 May 2023 21:27

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 173321

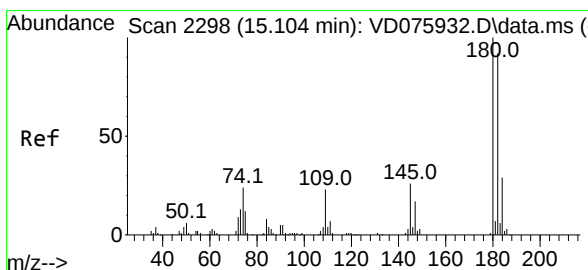
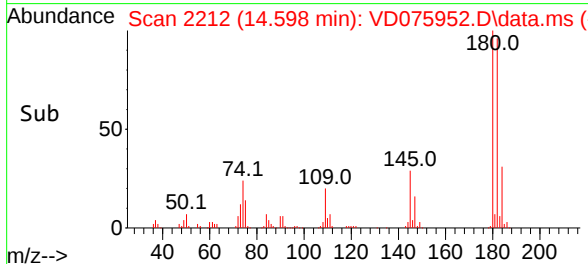
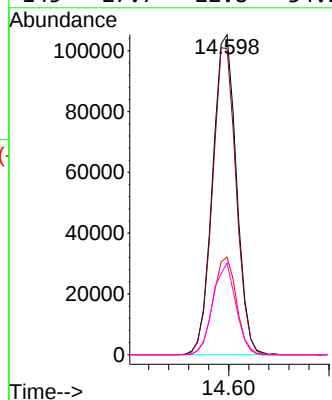
Ion Ratio Lower Upper

180 100

182 95.3 74.9 112.3

184 29.8 25.0 37.4

145 27.7 22.8 34.2



#70

1,2,4-trichlorobenzene

Concen: 24.003 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD075952.D

Acq: 01 May 2023 21:27

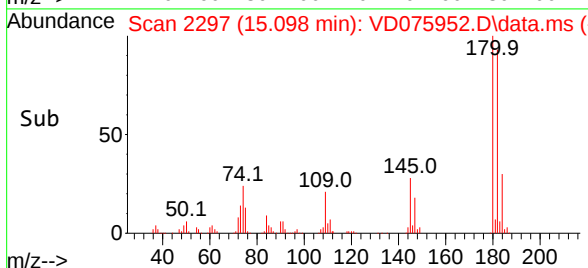
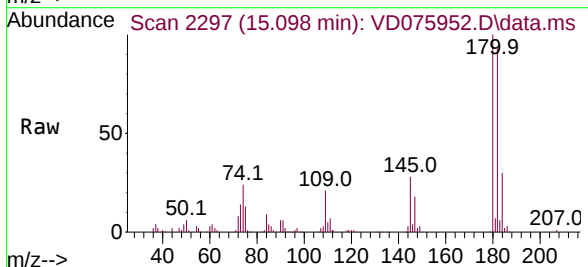
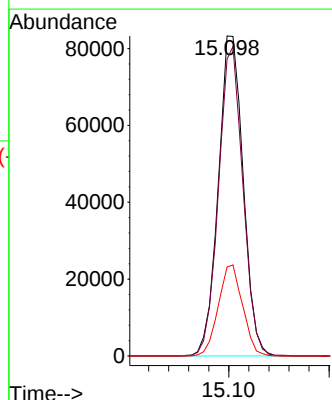
Tgt Ion:180 Resp: 143324

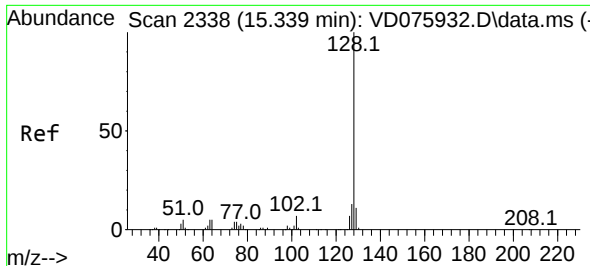
Ion Ratio Lower Upper

180 100

182 94.5 75.4 113.2

145 27.8 23.6 35.4

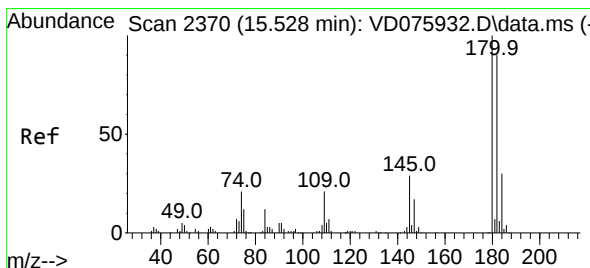
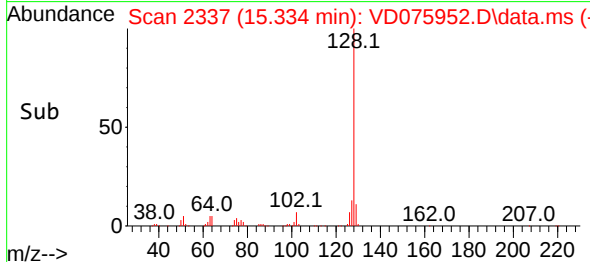
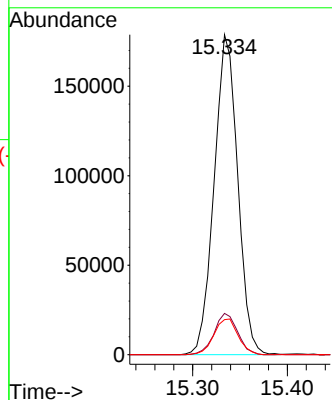
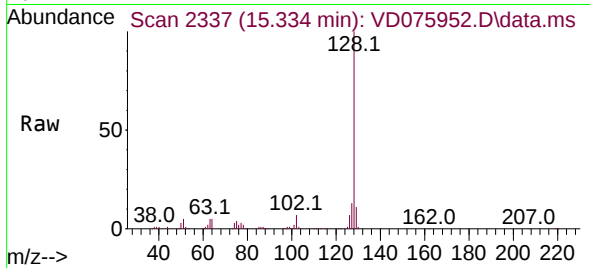




#71
Naphthalene
Concen: 28.294 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 309172
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.5 9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 26.607 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075952.D
Acq: 01 May 2023 21:27

Tgt Ion:180 Resp: 141818
Ion Ratio Lower Upper
180 100
182 93.3 76.3 114.5
145 29.8 25.0 37.6

