

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
 Data File : VD076976.D
 Acq On : 10 Aug 2023 21:37
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 11 03:09:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 02:51:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	257421	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	267798	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	143227	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	159037	22.465	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.880%
7) Chloroethane-d5	2.793	69	155674	23.787	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.160%
11) 1,1-Dichloroethene-d2	3.911	65	38604	23.014	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.040%
21) 2-Butanone-d5	6.987	46	65433	57.570	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.140%
24) Chloroform-d	7.569	84	216746	25.857	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.440%
26) 1,2-Dichloroethane-d4	8.228	65	114959	27.511	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.040%
32) Benzene-d6	8.199	84	433329	25.736	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.960%
36) 1,2-Dichloropropane-d6	9.210	67	130788	25.264	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.040%
41) Toluene-d8	10.269	98	405426	26.263	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.040%
43) trans-1,3-Dichloroprop...	10.528	79	58649	25.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.240%
47) 2-Hexanone-d5	10.875	63	60243	60.922	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.840%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	139522	27.892	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.560%
66) 1,2-Dichlorobenzene-d4	13.816	152	143878	27.477	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	92909	21.775	ug/L	98
3) Chloromethane	2.146	50	144898	26.176	ug/L	99
5) Vinyl chloride	2.275	62	198583	25.087	ug/L	98
6) Bromomethane	2.687	94	146023	24.712	ug/L	100
8) Chloroethane	2.828	64	136308	25.579	ug/L	96
9) Trichlorofluoromethane	3.170	101	155322	23.699	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	100045	23.426	ug/L	98
12) 1,1-Dichloroethene	3.934	96	93923	24.802	ug/L	82
13) Acetone	4.022	43	54092	46.541	ug/L	95
14) Carbon disulfide	4.264	76	328047	24.959	ug/L	98
15) Methyl Acetate	4.558	43	49938	25.421	ug/L #	90
16) Methylene chloride	4.793	84	125032	23.155	ug/L	76
17) trans-1,2-Dichloroethene	5.305	96	110797	25.840	ug/L	85
18) Methyl tert-butyl Ether	5.316	73	259468	27.391	ug/L	95
19) 1,1-Dichloroethane	6.111	63	182141	25.441	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	124267	25.962	ug/L	86
22) 2-Butanone	7.081	43	73849	45.415	ug/L	81
23) Bromochloromethane	7.422	128	59264	25.527	ug/L	75
25) Chloroform	7.593	83	206211	26.299	ug/L	98

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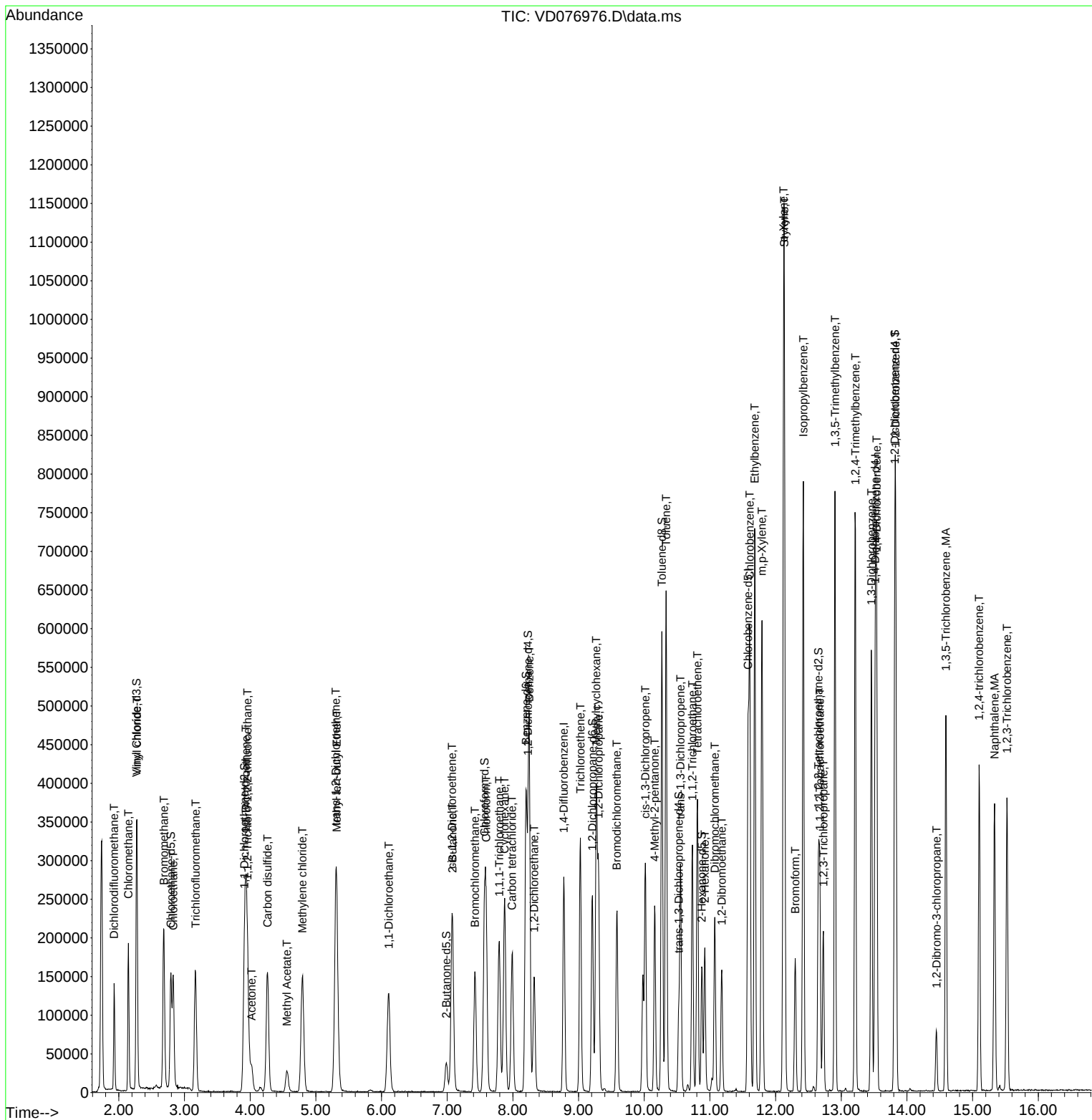
Instrument :
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 ClientSampleId :

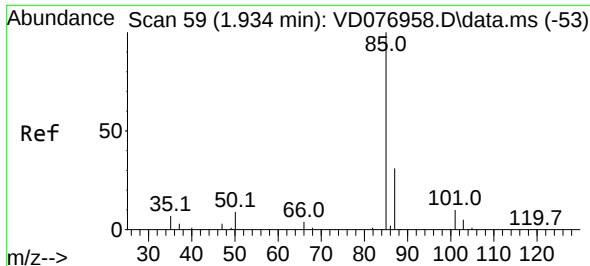
Quant Time: Aug 11 03:09:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 02:51:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	130672	26.590	ug/L	95
29) Cyclohexane	7.875	56	130893	22.204	ug/L #	81
30) 1,1,1-Trichloroethane	7.793	97	165010	24.868	ug/L	96
31) Carbon tetrachloride	7.987	117	135139	24.884	ug/L	100
33) Benzene	8.252	78	455829	25.968	ug/L	100
34) Trichloroethene	9.028	95	115350	25.233	ug/L	97
35) Methylcyclohexane	9.269	83	173065	23.215	ug/L	90
37) 1,2-Dichloropropane	9.305	63	114585	25.697	ug/L #	95
38) Bromodichloromethane	9.581	83	159361	25.952	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	186760	25.951	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	148712	52.931	ug/L #	87
42) Toluene	10.334	91	500486	26.220	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	165171	26.261	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	106627	26.905	ug/L	95
46) Tetrachloroethene	10.810	164	91463	26.547	ug/L	93
48) 2-Hexanone	10.922	43	111629	51.666	ug/L #	88
49) Dibromochloromethane	11.075	129	117929	26.749	ug/L	97
50) 1,2-Dibromoethane	11.181	107	104539	27.047	ug/L	87
51) Chlorobenzene	11.604	112	324556	26.098	ug/L	95
52) Ethylbenzene	11.681	91	533107	26.210	ug/L	97
53) m,p-Xylene	11.793	106	205192	26.146	ug/L	97
54) o-Xylene	12.122	106	203713	26.988	ug/L	95
55) Styrene	12.134	104	376240	27.568	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.675	83	133104	27.156	ug/L	100
59) Bromoform	12.298	173	77614	27.324	ug/L #	98
60) Isopropylbenzene	12.422	105	525606	25.517	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	88521	26.481	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	410954	26.189	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	411444	26.347	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	247396	26.316	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	255820	26.326	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	230815	26.191	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	19802	25.853	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	152313	25.891	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	136301	26.339	ug/L	98
71) Naphthalene	15.334	128	329002	27.038	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	130079	27.717	ug/L	99

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

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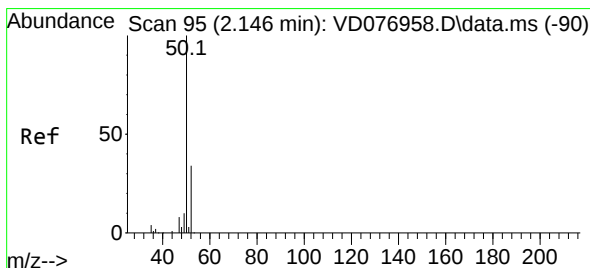
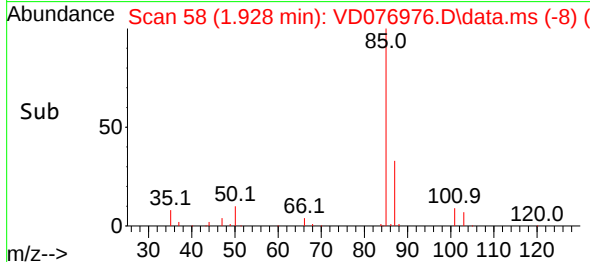
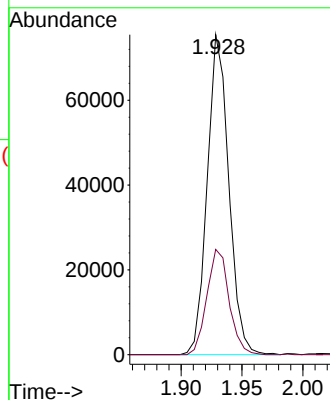
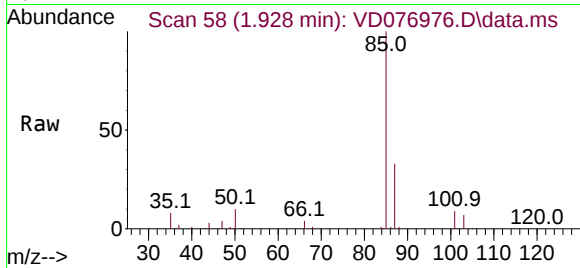




#2
 Dichlorodifluoromethane
 Concen: 21.775 ug/L
 RT: 1.928 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VD076976.D
 Acq: 10 Aug 2023 21:37

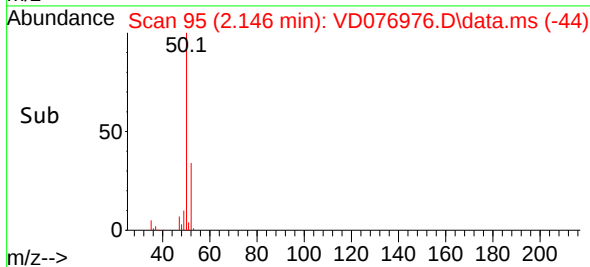
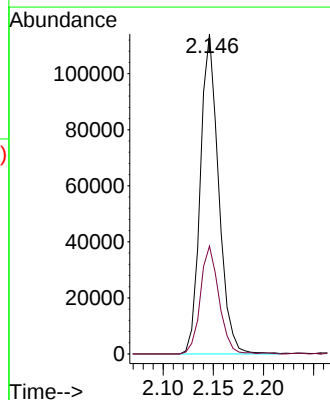
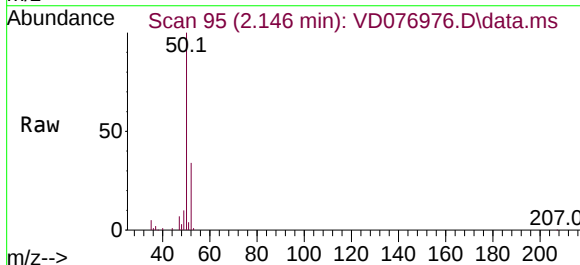
Instrument :
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 ClientSampleId :

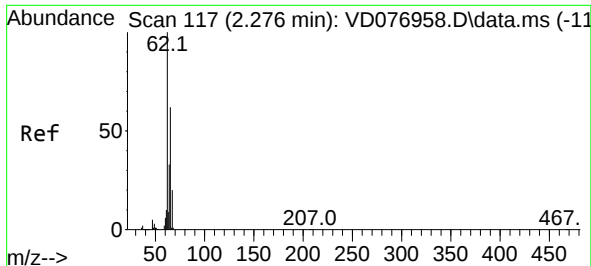
Tgt Ion: 85 Resp: 92909
 Ion Ratio Lower Upper
 85 100
 87 33.9 26.3 39.5



#3
 Chloromethane
 Concen: 26.176 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD076976.D
 Acq: 10 Aug 2023 21:37

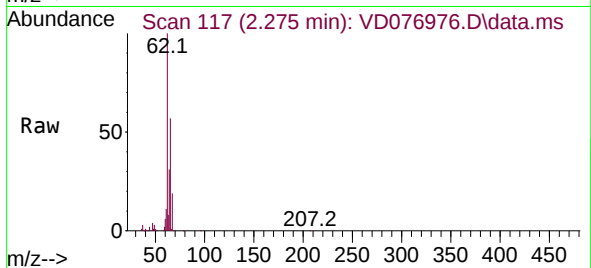
Tgt Ion: 50 Resp: 144898
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.2 43.2



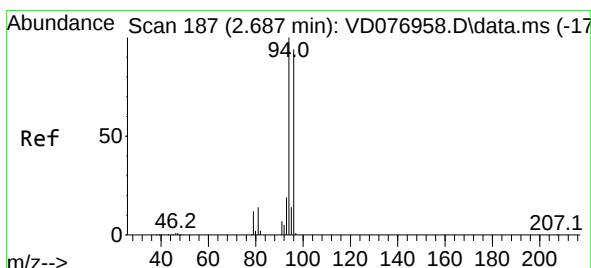
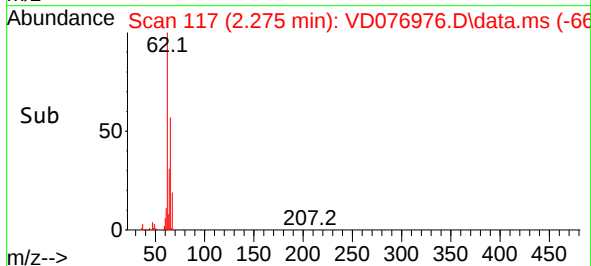
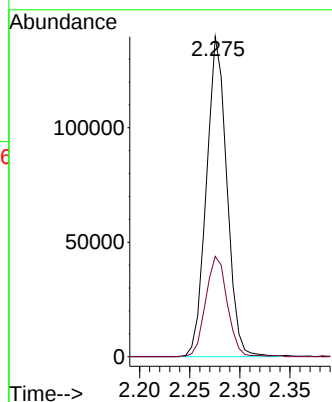


#5
 Vinyl chloride
 Concen: 25.087 ug/L
 RT: 2.275 min Scan# 117
 Delta R.T. -0.000 min
 Lab File: VD076976.D
 Acq: 10 Aug 2023 21:37

Instrument :
 MSVOA_D
 ClientSampleId :

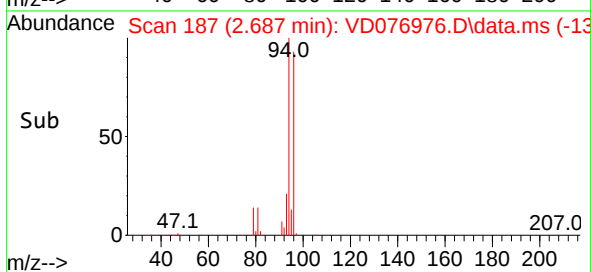
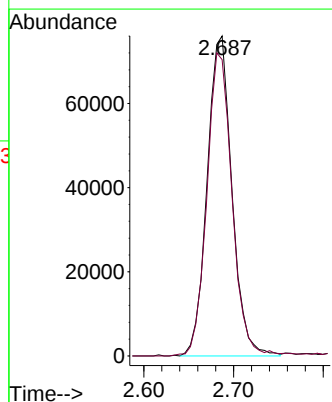
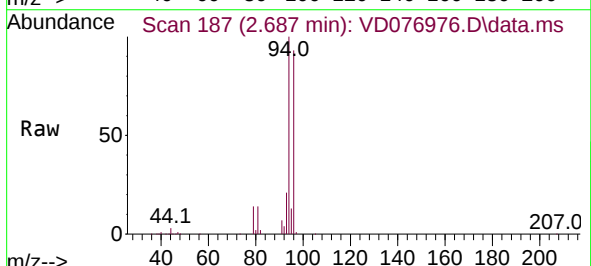


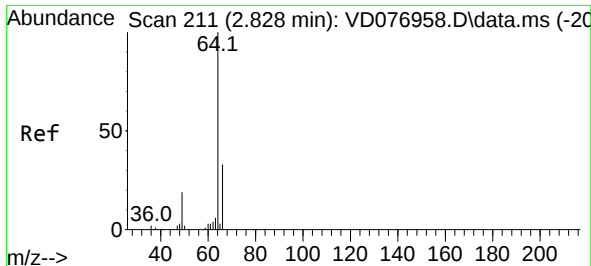
Tgt Ion: 62 Resp: 198583
 Ion Ratio Lower Upper
 62 100
 64 31.3 21.1 39.1



#6
 Bromomethane
 Concen: 24.712 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.000 min
 Lab File: VD076976.D
 Acq: 10 Aug 2023 21:37

Tgt Ion: 94 Resp: 146023
 Ion Ratio Lower Upper
 94 100
 96 92.6 64.7 120.1

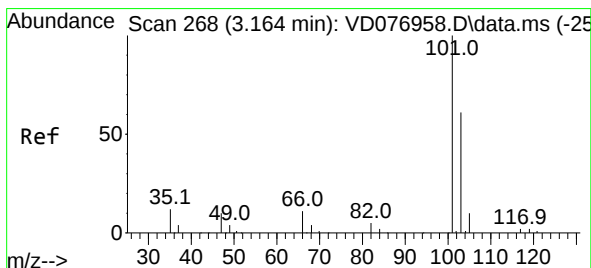
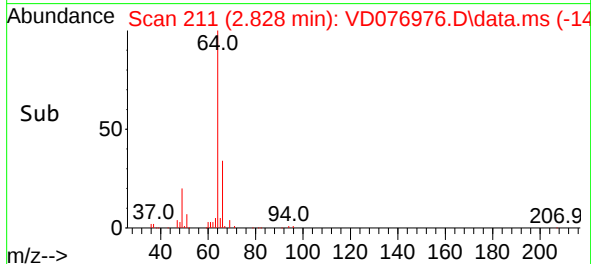
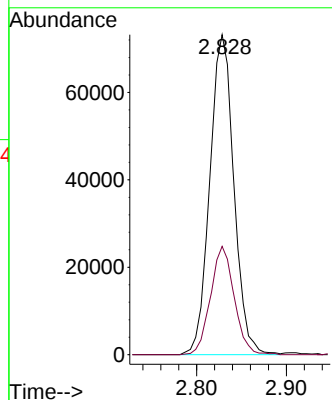
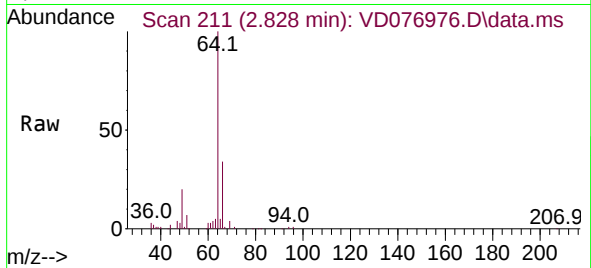




#8
Chloroethane
Concen: 25.579 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

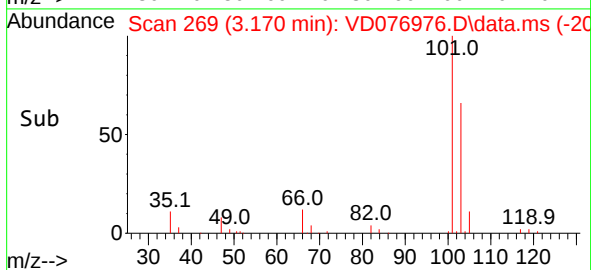
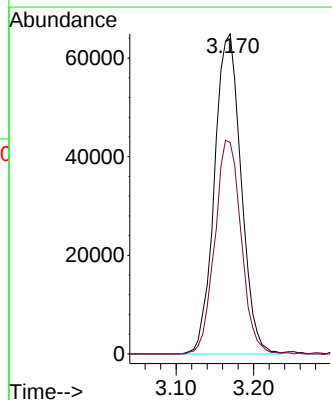
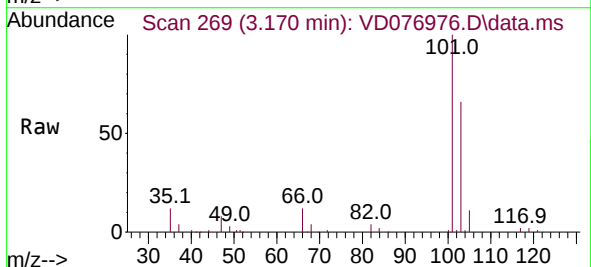
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MSVOA_D
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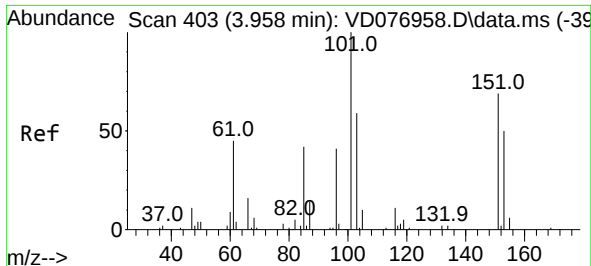
Tgt Ion: 64 Resp: 136308
Ion Ratio Lower Upper
64 100
66 33.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 23.699 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.006 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

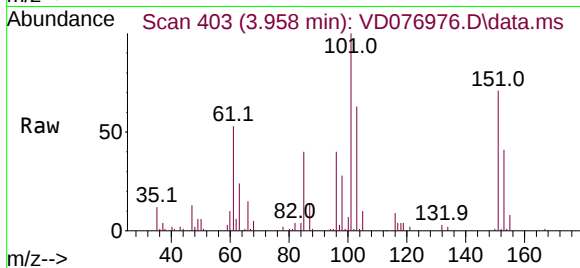
Tgt Ion: 101 Resp: 155322
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.6



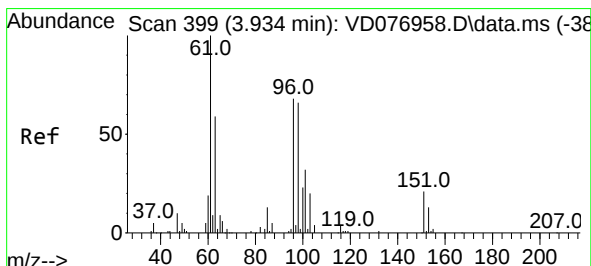
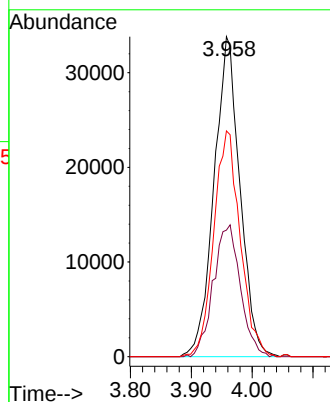
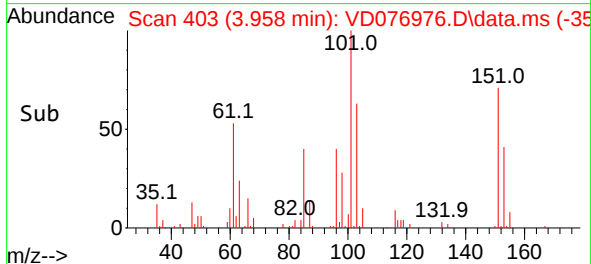


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.426 ug/L
 RT: 3.958 min Scan# 403
 Delta R.T. -0.000 min
 Lab File: VD076976.D
 Acq: 10 Aug 2023 21:37

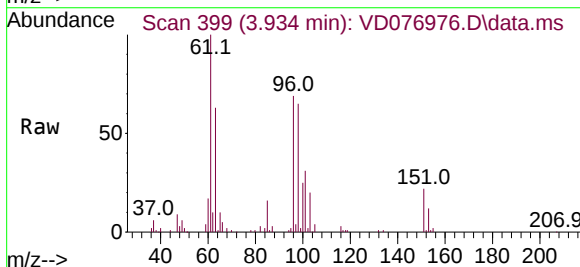
Instrument :
 MSVOA_D
 ClientSampleId :



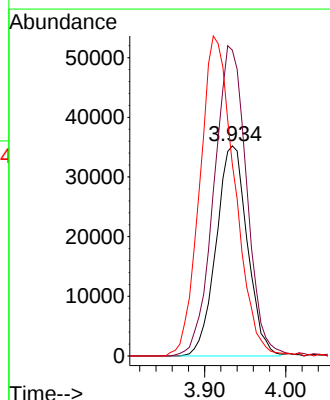
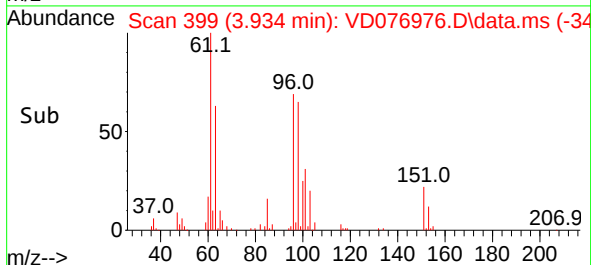
Tgt Ion:101 Resp: 100045
 Ion Ratio Lower Upper
 101 100
 85 42.7 35.5 53.3
 151 71.8 58.6 87.8

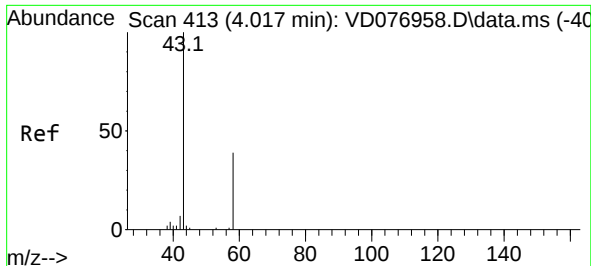


#12
 1,1-Dichloroethene
 Concen: 24.802 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VD076976.D
 Acq: 10 Aug 2023 21:37



Tgt Ion: 96 Resp: 93923
 Ion Ratio Lower Upper
 96 100
 61 145.6 113.0 209.8
 63 91.2 83.6 155.2





#13

Acetone

Concen: 46.541 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD076976.D

Acq: 10 Aug 2023 21:37

Instrument :

MSVOA_D

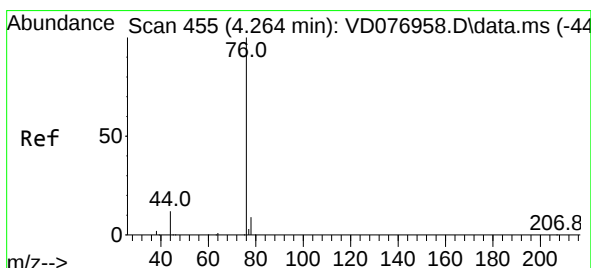
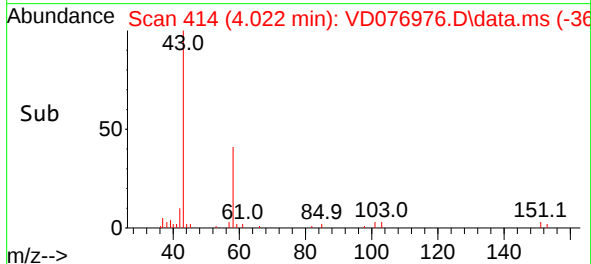
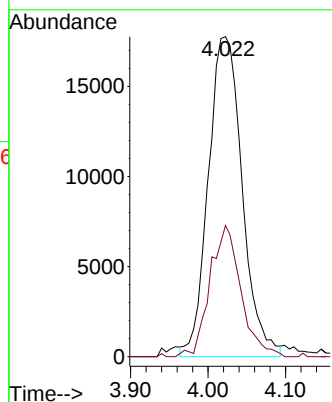
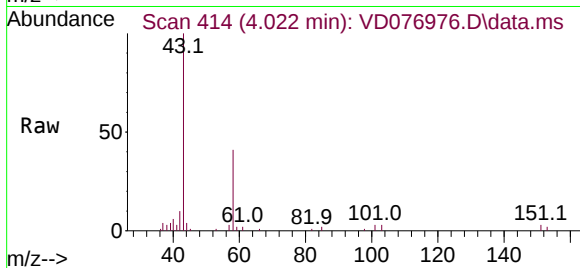
ClientSampleId :

Tgt Ion: 43 Resp: 54092

Ion Ratio Lower Upper

43 100

58 36.7 0.0 67.4



#14

Carbon disulfide

Concen: 24.959 ug/L

RT: 4.264 min Scan# 455

Delta R.T. -0.000 min

Lab File: VD076976.D

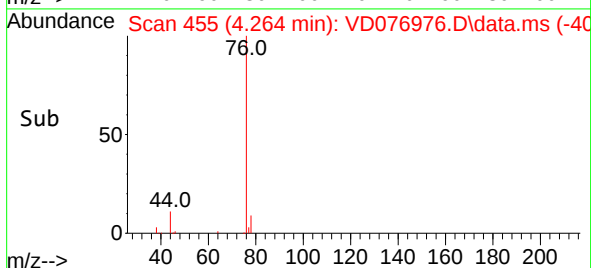
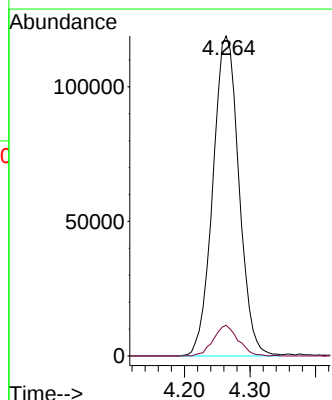
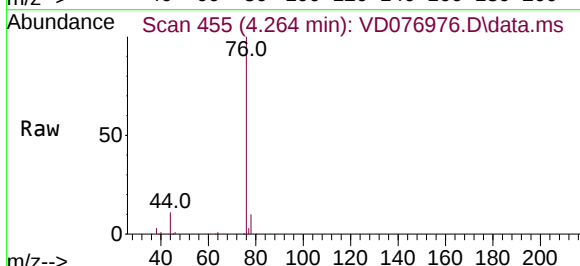
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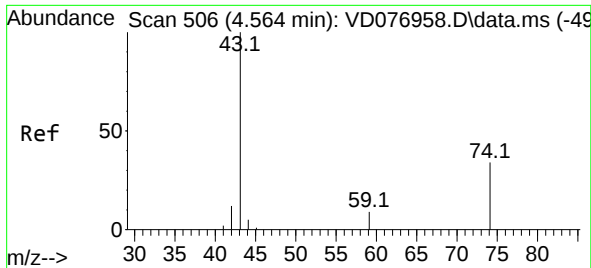
Tgt Ion: 76 Resp: 328047

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.4

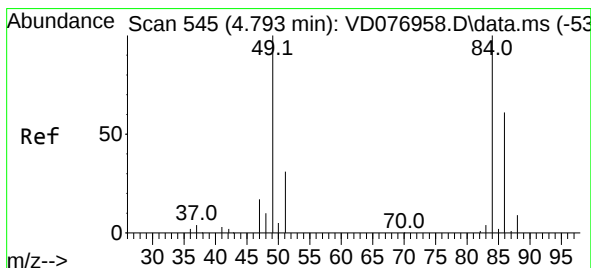
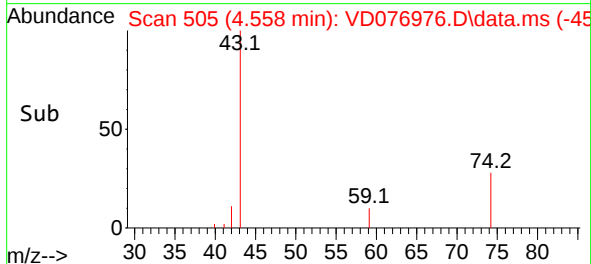
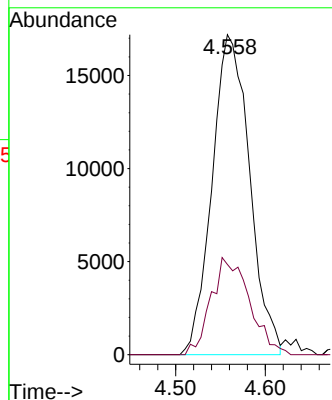
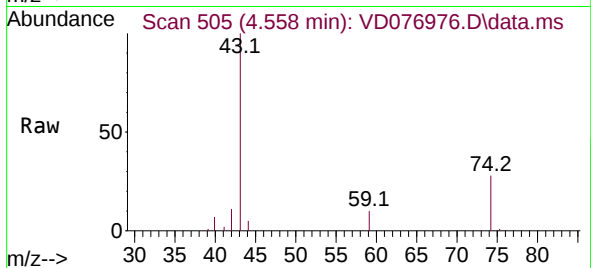




#15
Methyl Acetate
Concen: 25.421 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

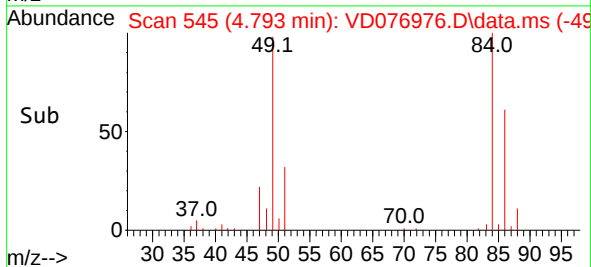
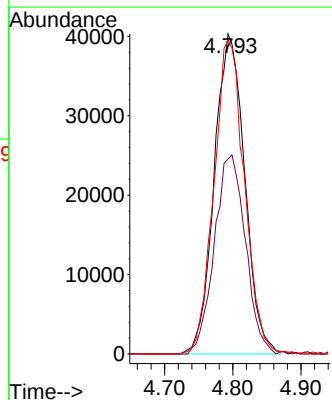
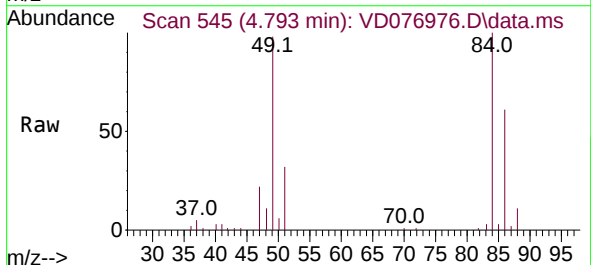
Instrument :
MSVOA_D
ClientSampleId :

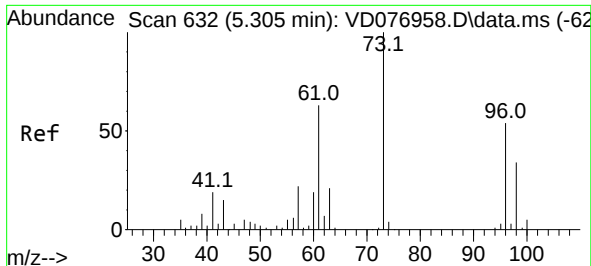
Tgt Ion: 43 Resp: 49938
Ion Ratio Lower Upper
43 100
74 18.0 18.2 27.2#



#16
Methylene chloride
Concen: 23.155 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

Tgt Ion: 84 Resp: 125032
Ion Ratio Lower Upper
84 100
86 61.0 45.1 83.9
49 98.1 97.2 180.6





#17

trans-1,2-Dichloroethene

Concen: 25.840 ug/L

RT: 5.305 min Scan# 61

Delta R.T. -0.000 min

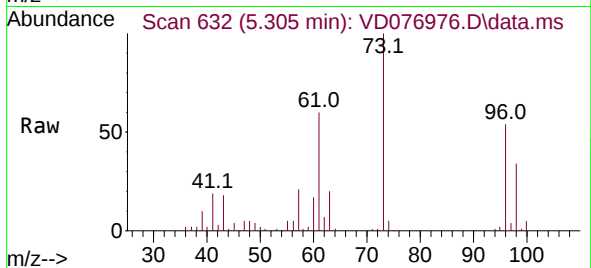
Lab File: VD076976.D

Acq: 10 Aug 2023 21:37

Instrument :

MSVOA_D

ClientSampleId :



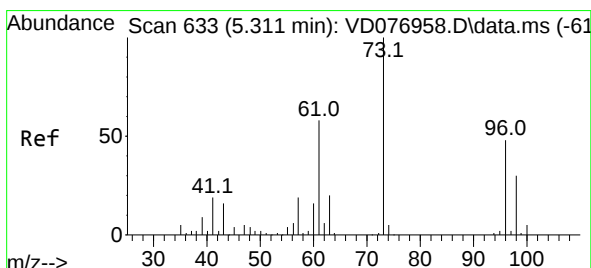
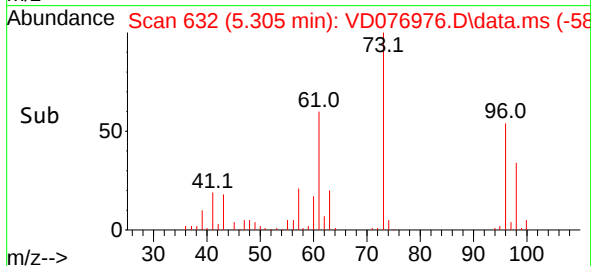
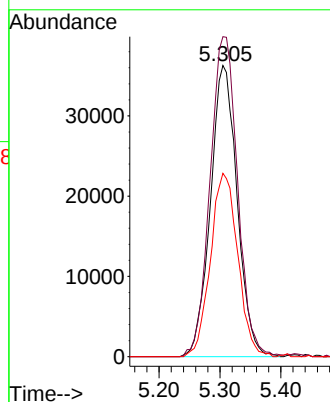
Tgt Ion: 96 Resp: 110797

Ion Ratio Lower Upper

96 100

61 109.9 94.5 175.5

98 63.0 46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 27.391 ug/L

RT: 5.316 min Scan# 634

Delta R.T. 0.006 min

Lab File: VD076976.D

Acq: 10 Aug 2023 21:37

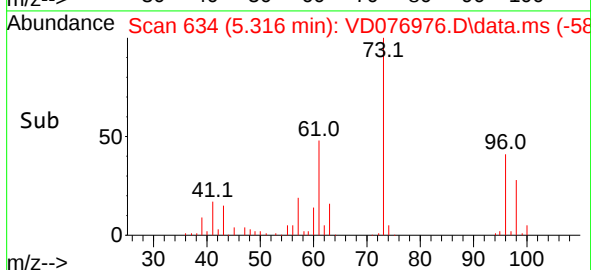
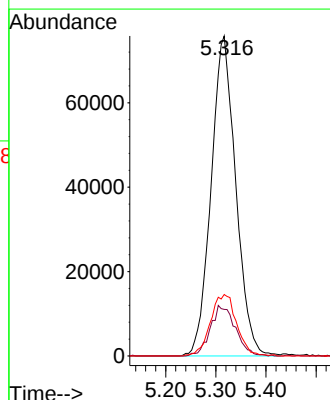
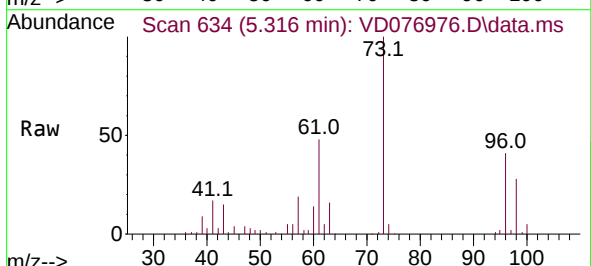
Tgt Ion: 73 Resp: 259468

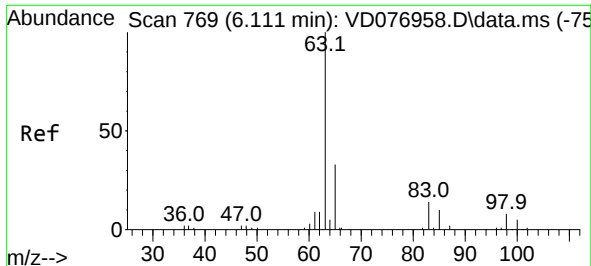
Ion Ratio Lower Upper

73 100

43 8.2 7.2 10.8

57 20.3 18.6 28.0





#19

1,1-Dichloroethane

Concen: 25.441 ug/L

RT: 6.111 min Scan# 769

Delta R.T. -0.000 min

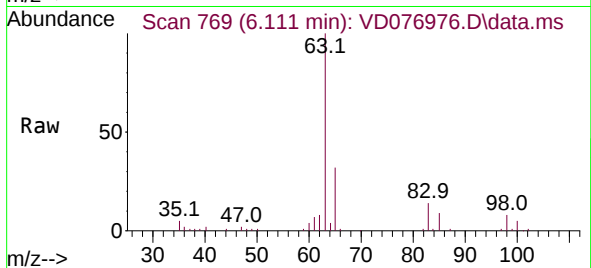
Lab File: VD076976.D

Acq: 10 Aug 2023 21:37

Instrument :

MSVOA_D

ClientSampleId :



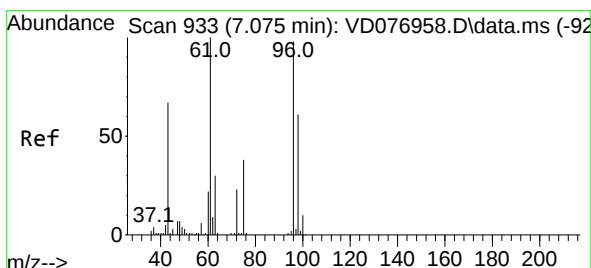
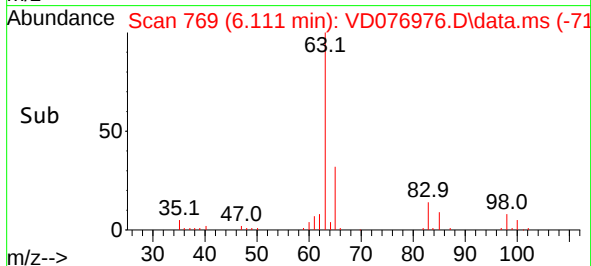
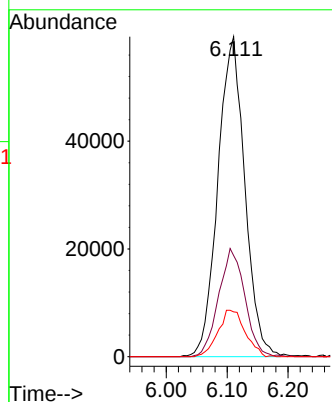
Tgt Ion: 63 Resp: 182141

Ion Ratio Lower Upper

63 100

65 31.6 20.8 38.6

83 14.0 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 25.962 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD076976.D

Acq: 10 Aug 2023 21:37

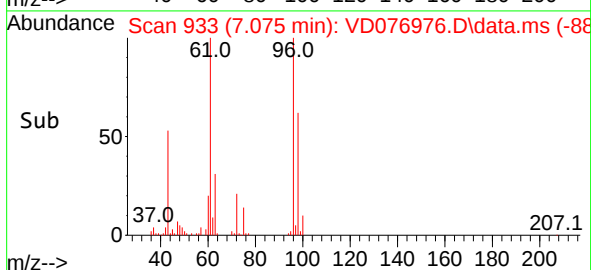
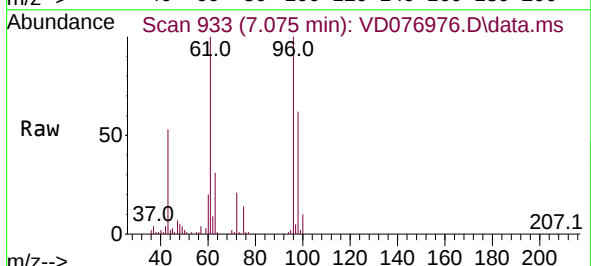
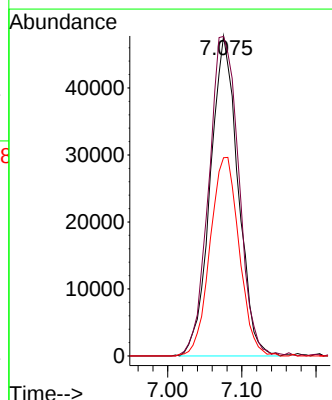
Tgt Ion: 96 Resp: 124267

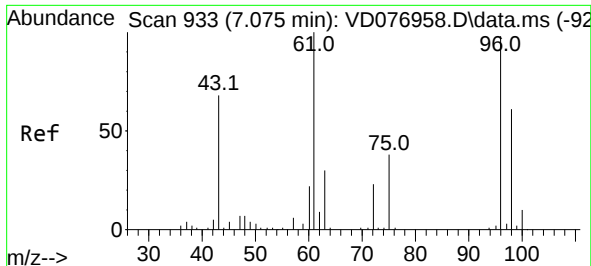
Ion Ratio Lower Upper

96 100

61 99.8 86.0 159.6

98 62.0 42.2 78.4

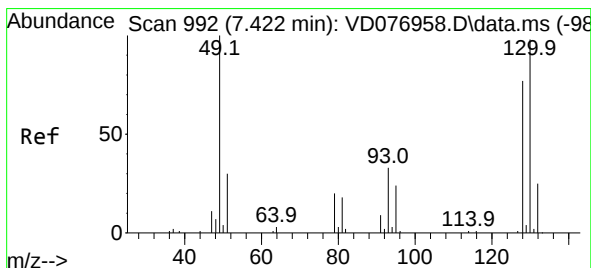
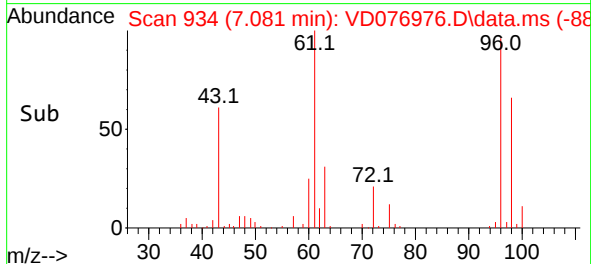
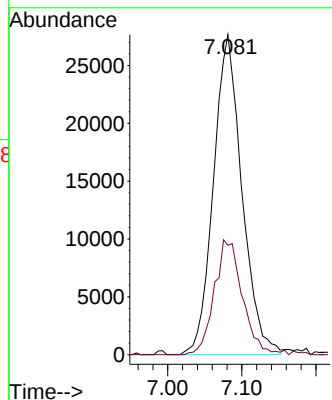
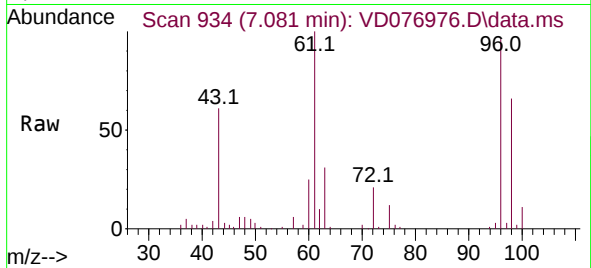




#22
2-Butanone
Concen: 45.415 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

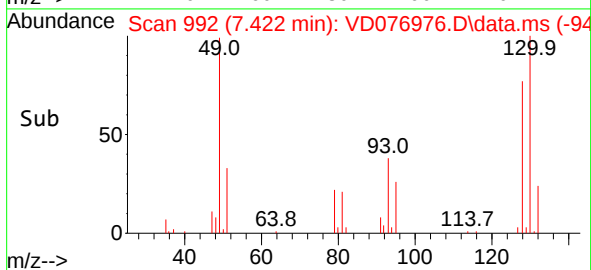
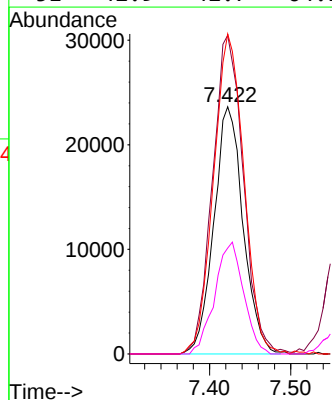
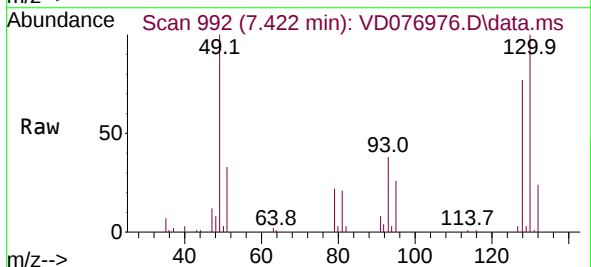
Instrument :
MSVOA_D
ClientSampleId :

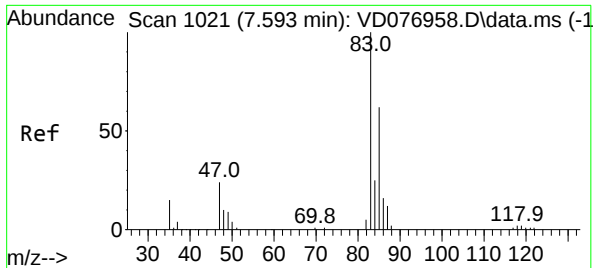
Tgt Ion: 43 Resp: 73849
Ion Ratio Lower Upper
43 100
72 35.3 12.9 38.7



#23
Bromochloromethane
Concen: 25.527 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

Tgt Ion:128 Resp: 59264
Ion Ratio Lower Upper
128 100
49 128.9 124.7 231.7
130 129.5 80.0 148.6
51 42.9 42.7 64.1





#25

Chloroform

Concen: 26.299 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076976.D

Acq: 10 Aug 2023 21:37

Instrument :

MSVOA_D

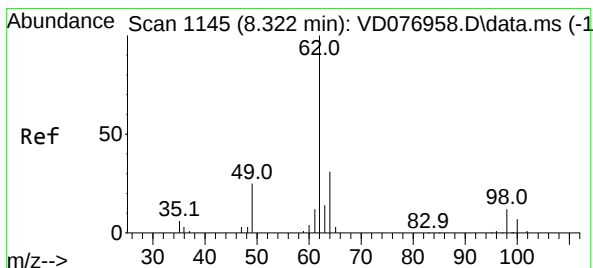
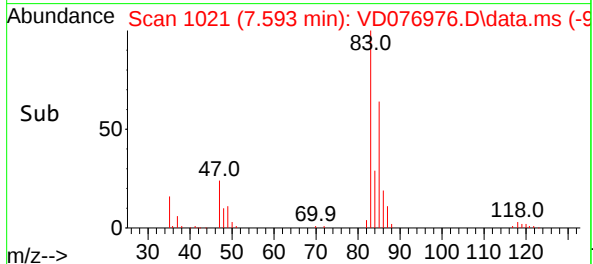
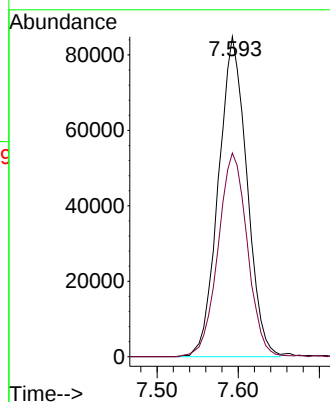
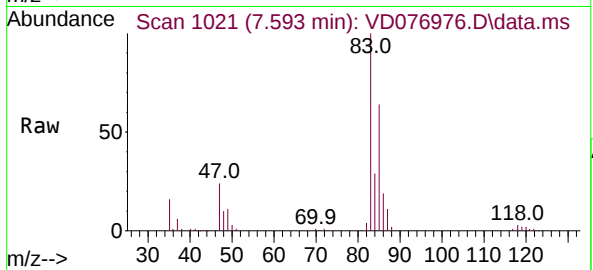
ClientSampleId :

Tgt Ion: 83 Resp: 206211

Ion Ratio Lower Upper

83 100

85 63.6 45.4 84.4



#27

1,2-Dichloroethane

Concen: 26.590 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VD076976.D

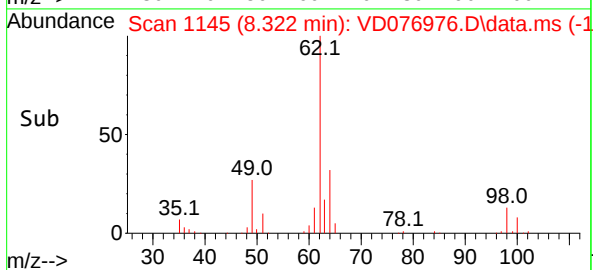
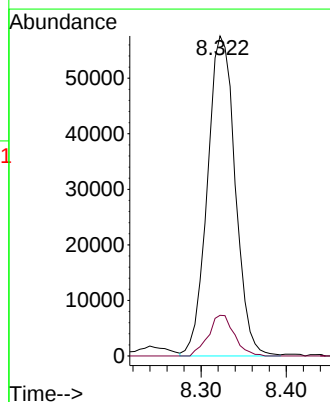
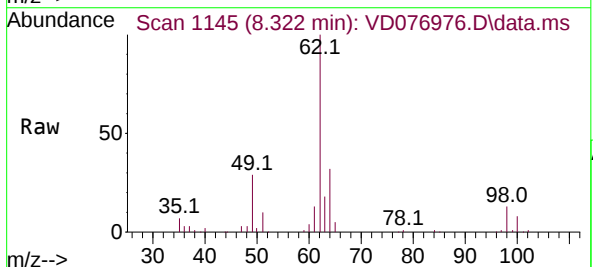
Acq: 10 Aug 2023 21:37

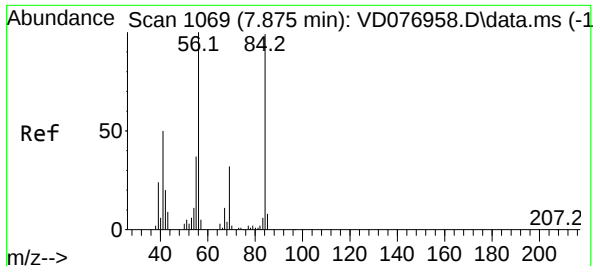
Tgt Ion: 62 Resp: 130672

Ion Ratio Lower Upper

62 100

98 12.7 8.7 13.1





#29

Cyclohexane

Concen: 22.204 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

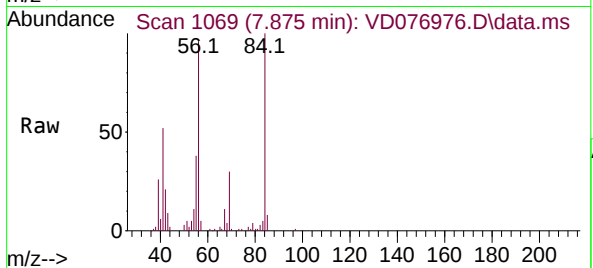
Lab File: VD076976.D

Acq: 10 Aug 2023 21:37

Instrument :

MSVOA_D

ClientSampleId :



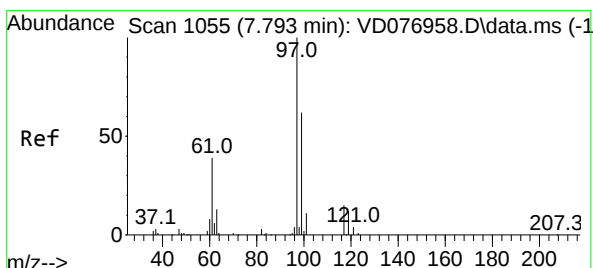
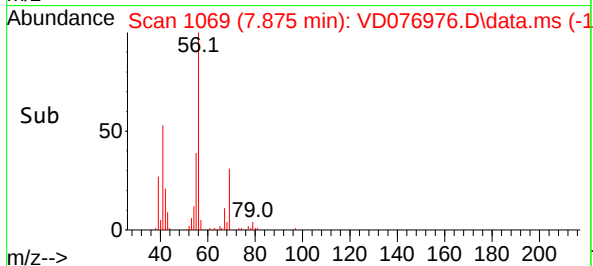
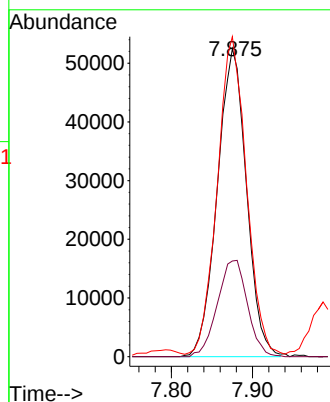
Tgt Ion: 56 Resp: 130893

Ion Ratio Lower Upper

56 100

69 32.2 23.4 35.0

84 104.5 66.3 99.5#



#30

1,1,1-Trichloroethane

Concen: 24.868 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076976.D

Acq: 10 Aug 2023 21:37

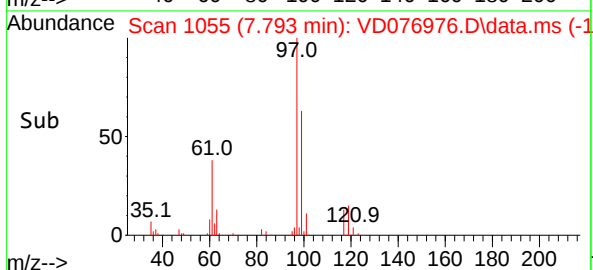
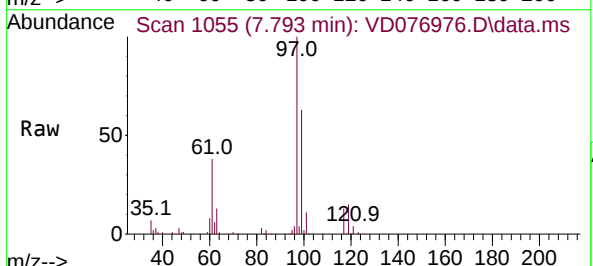
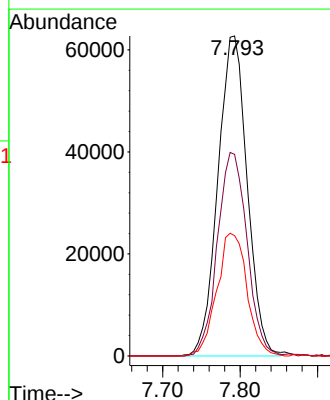
Tgt Ion: 97 Resp: 165010

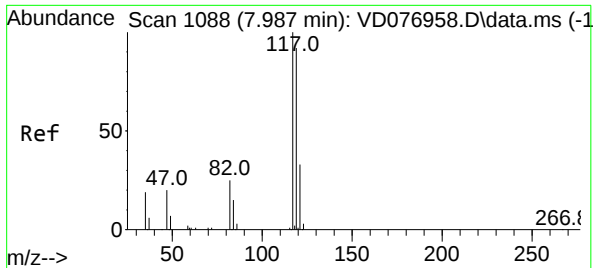
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

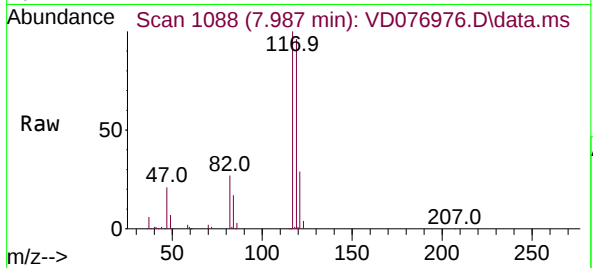
61 39.5 36.4 54.6



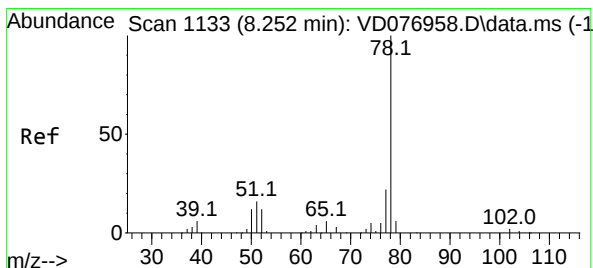
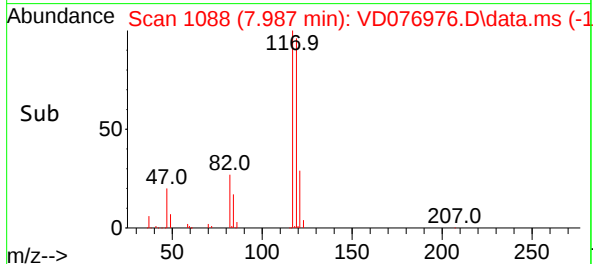
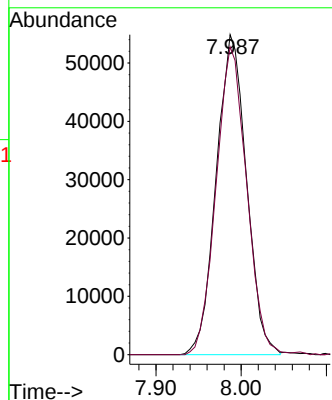


#31
Carbon tetrachloride
Concen: 24.884 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

Instrument :
MSVOA_D
ClientSampleId :

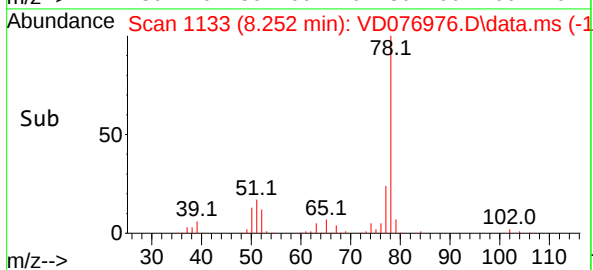
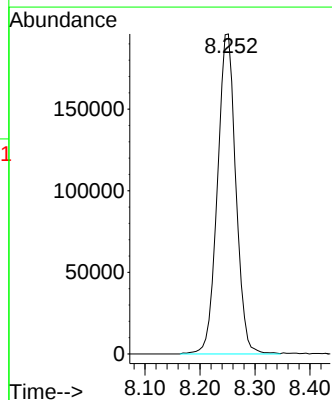
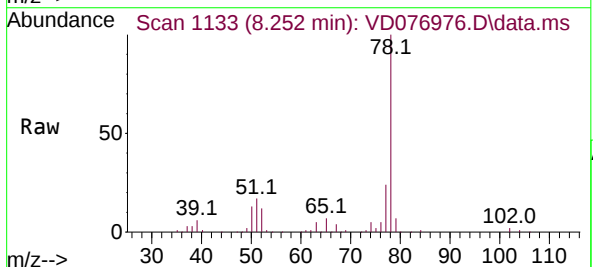


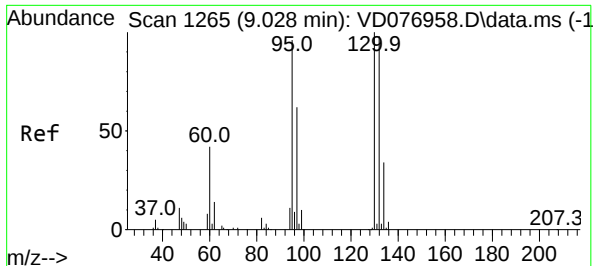
Tgt Ion:117 Resp: 135139
Ion Ratio Lower Upper
117 100
119 96.8 77.8 116.6



#33
Benzene
Concen: 25.968 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

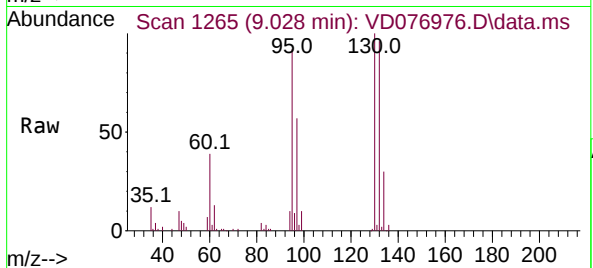
Tgt Ion: 78 Resp: 455829



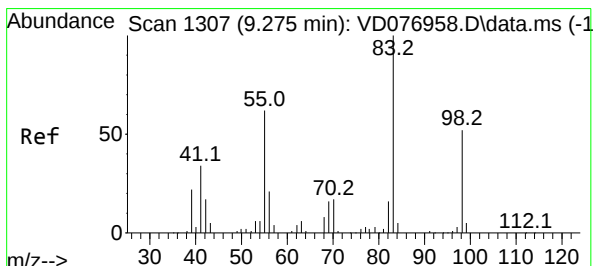
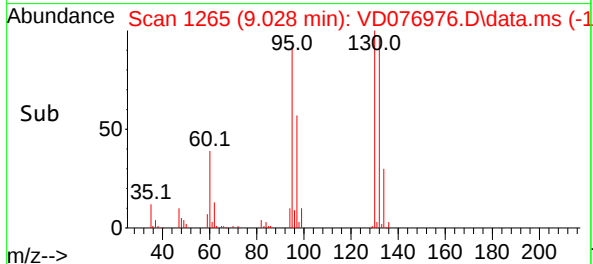
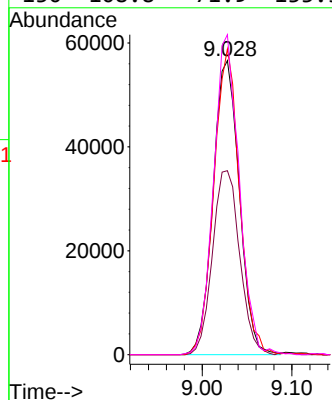


#34
Trichloroethene
Concen: 25.233 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

Instrument :
MSVOA_D
ClientSampleId :

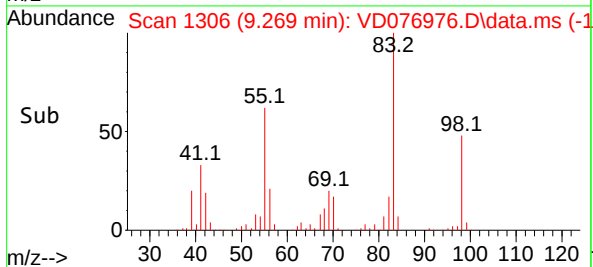
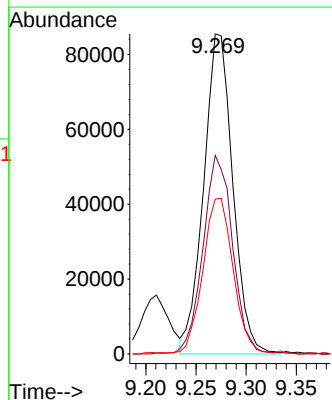
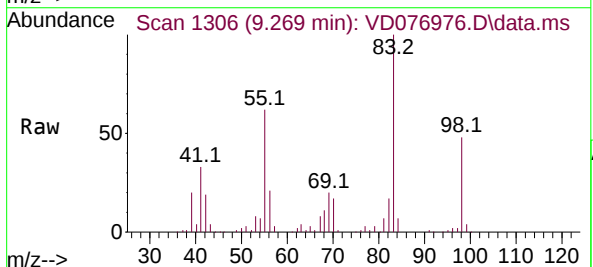


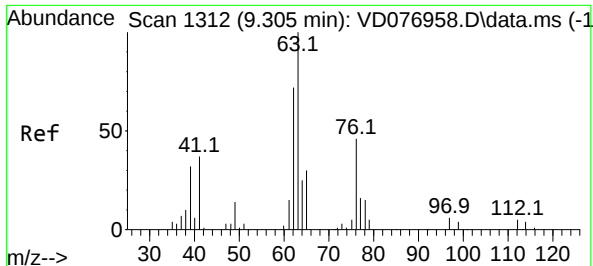
Tgt Ion:	95	Resp:	115350
Ion	Ratio	Lower	Upper
95	100		
97	62.6	43.1	80.1
132	104.0	71.8	133.4
130	108.8	71.9	133.5



#35
Methylcyclohexane
Concen: 23.215 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

Tgt Ion:	83	Resp:	173065
Ion	Ratio	Lower	Upper
83	100		
55	63.0	59.8	89.6
98	50.5	37.8	56.6





#37

1,2-Dichloropropane

Concen: 25.697 ug/L

RT: 9.305 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD076976.D

Acq: 10 Aug 2023 21:37

Instrument :

MSVOA_D

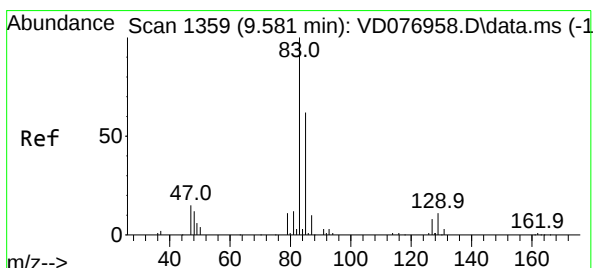
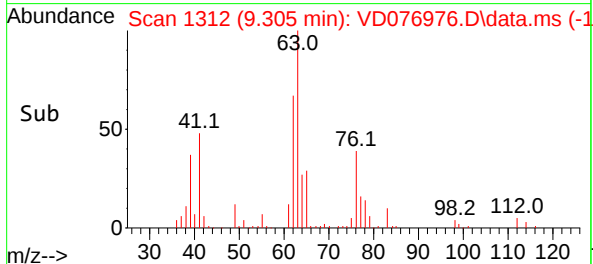
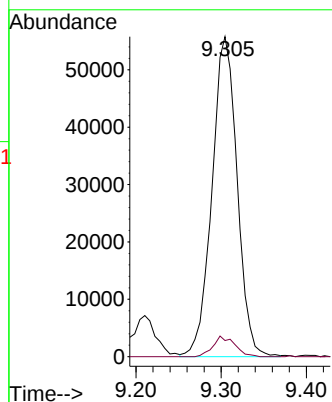
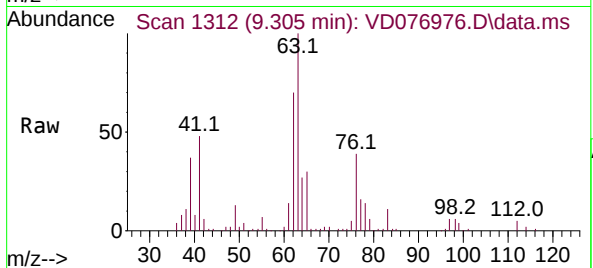
ClientSampleId :

Tgt Ion: 63 Resp: 114585

Ion Ratio Lower Upper

63 100

112 5.6 3.1 4.7#



#38

Bromodichloromethane

Concen: 25.952 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD076976.D

Acq: 10 Aug 2023 21:37

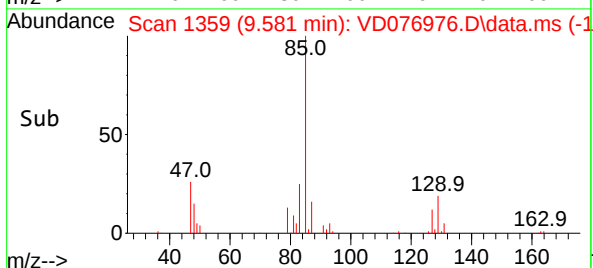
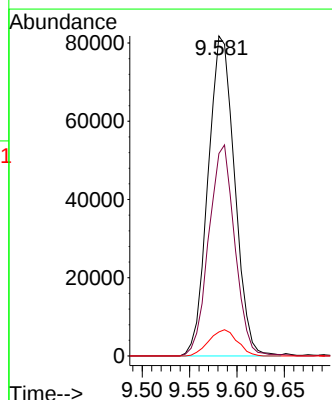
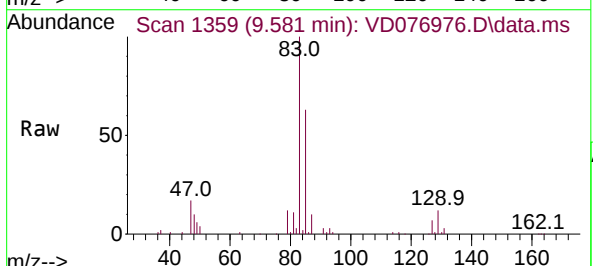
Tgt Ion: 83 Resp: 159361

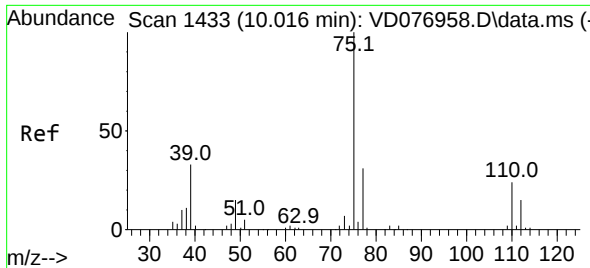
Ion Ratio Lower Upper

83 100

85 63.2 43.9 81.5

127 7.5 6.6 9.8

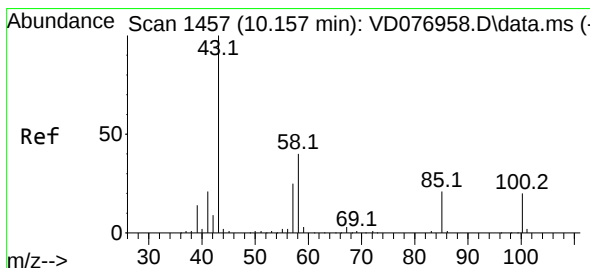
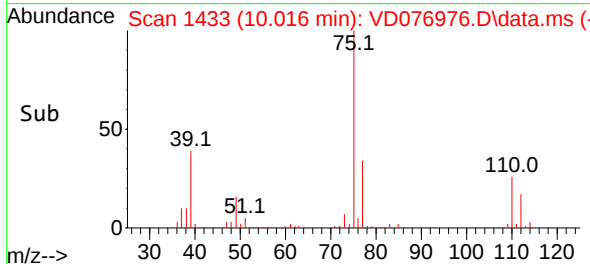
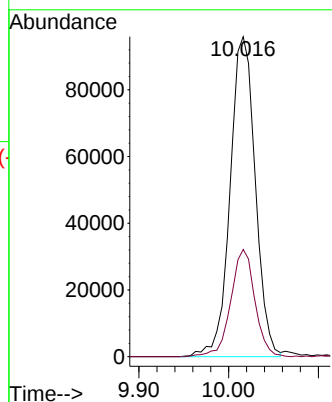
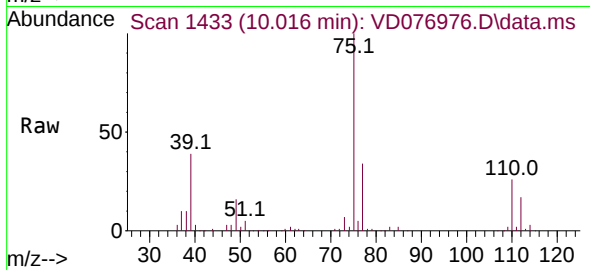




#39
 cis-1,3-Dichloropropene
 Concen: 25.951 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD076976.D
 Acq: 10 Aug 2023 21:37

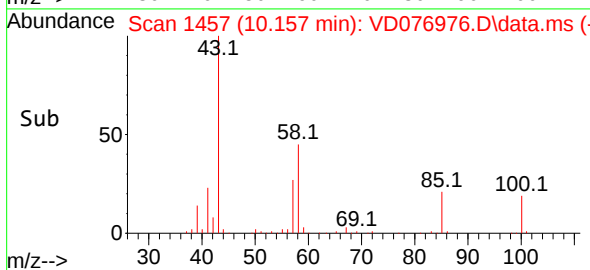
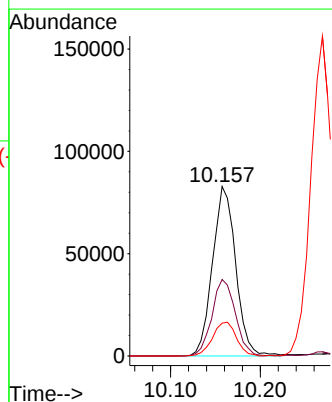
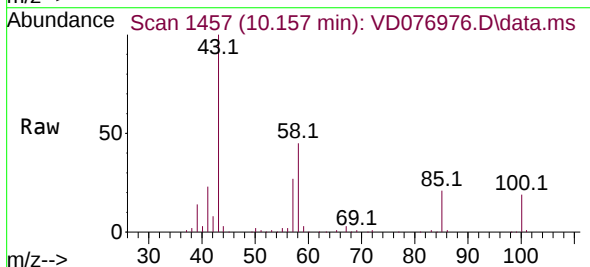
Instrument :
 MSVOA_D
 ClientSampleId :

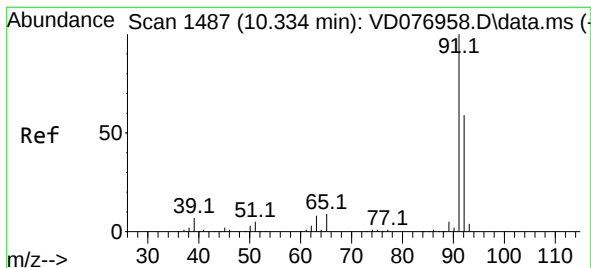
Tgt Ion: 75 Resp: 186760
 Ion Ratio Lower Upper
 75 100
 77 33.5 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 52.931 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD076976.D
 Acq: 10 Aug 2023 21:37

Tgt Ion: 43 Resp: 148712
 Ion Ratio Lower Upper
 43 100
 58 45.5 30.7 46.1
 100 20.4 11.0 16.4#





#42

Toluene

Concen: 26.220 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD076976.D

Acq: 10 Aug 2023 21:37

Instrument :

MSVOA_D

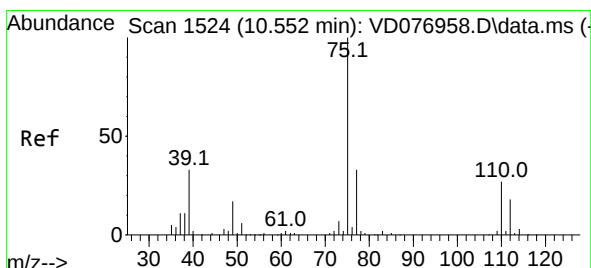
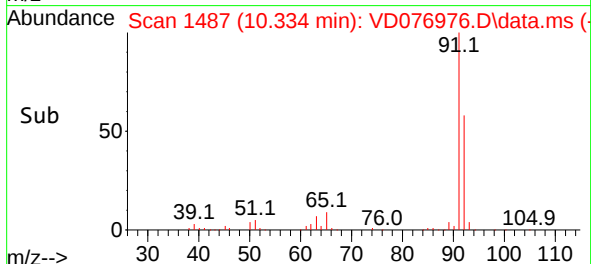
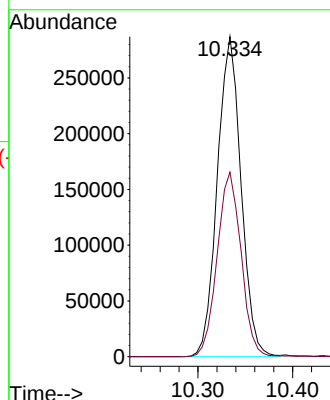
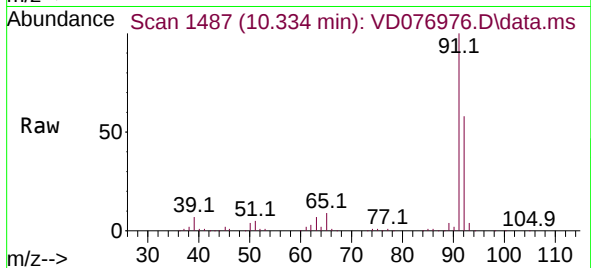
ClientSampleId :

Tgt Ion: 91 Resp: 500486

Ion Ratio Lower Upper

91 100

92 57.6 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 26.261 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD076976.D

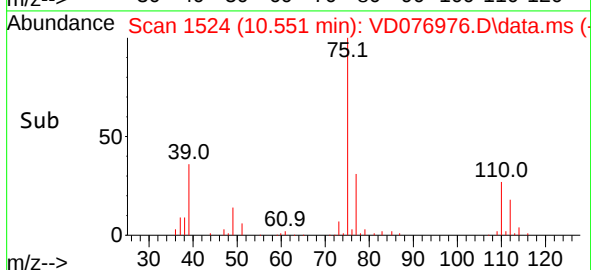
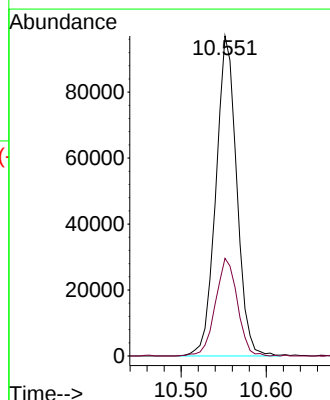
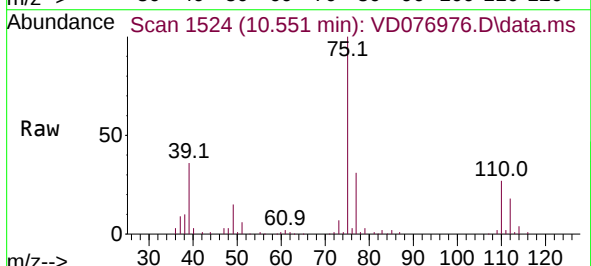
Acq: 10 Aug 2023 21:37

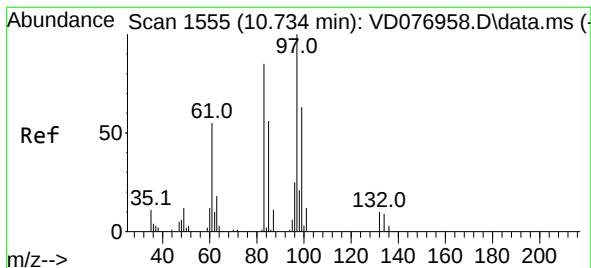
Tgt Ion: 75 Resp: 165171

Ion Ratio Lower Upper

75 100

77 30.5 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 26.905 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076976.D

Acq: 10 Aug 2023 21:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 106627

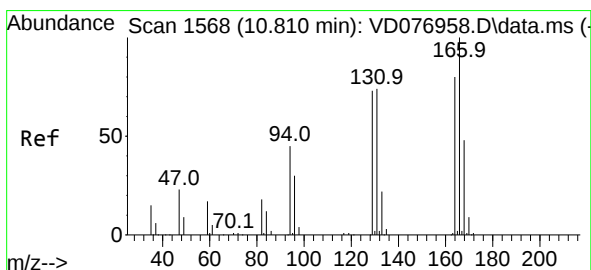
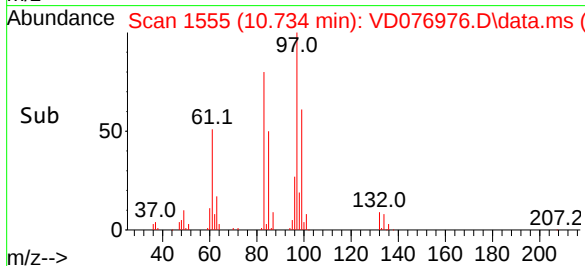
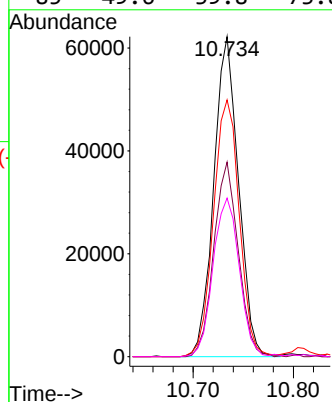
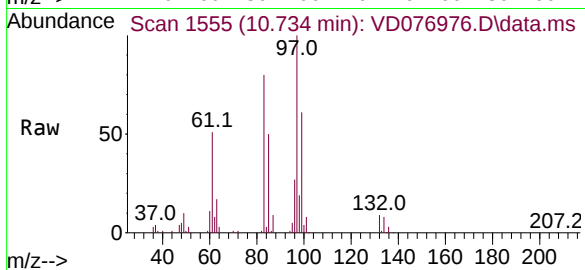
Ion Ratio Lower Upper

97 100

99 60.8 41.9 77.9

83 80.3 59.2 110.0

85 49.6 39.8 73.8



#46

Tetrachloroethene

Concen: 26.547 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD076976.D

Acq: 10 Aug 2023 21:37

Tgt Ion:164 Resp: 91463

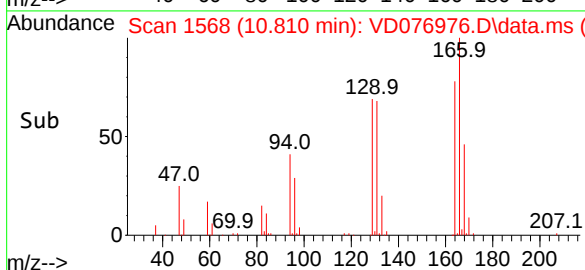
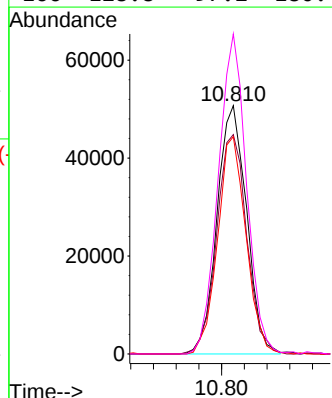
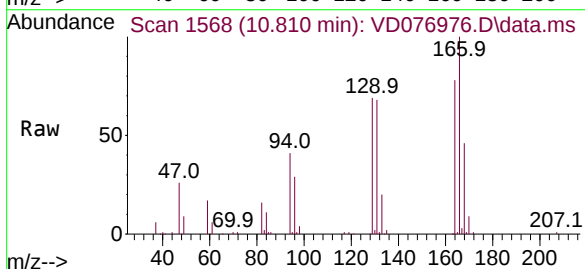
Ion Ratio Lower Upper

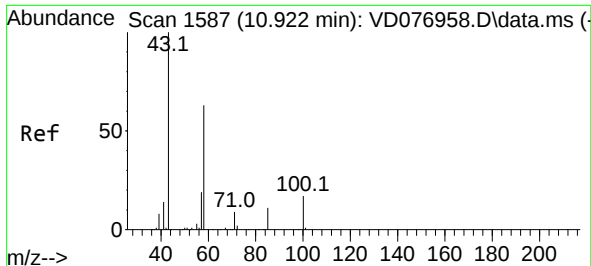
164 100

129 88.4 65.5 121.6

131 87.5 64.8 120.3

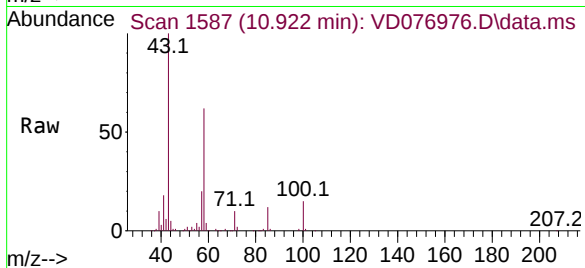
166 128.8 97.2 180.4



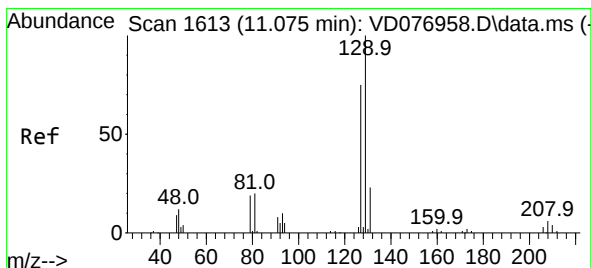
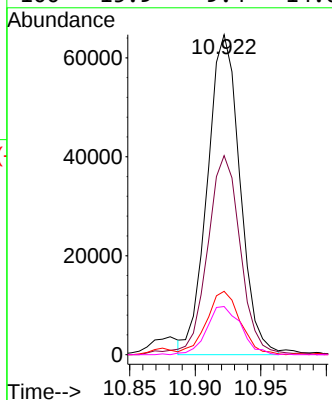
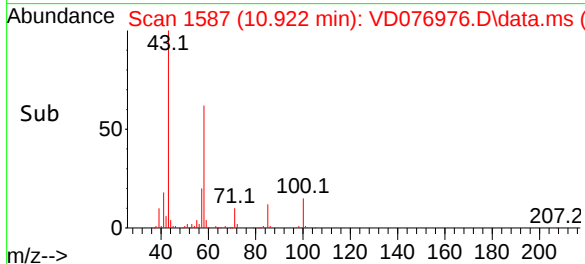


#48
2-Hexanone
Concen: 51.666 ug/L
RT: 10.922 min Scan# 111629
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

Instrument :
MSVOA_D
ClientSampleId :

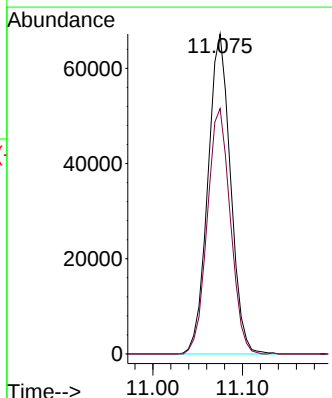
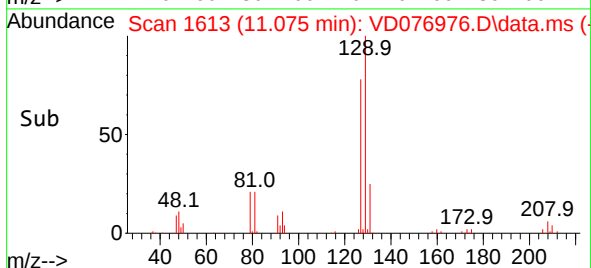
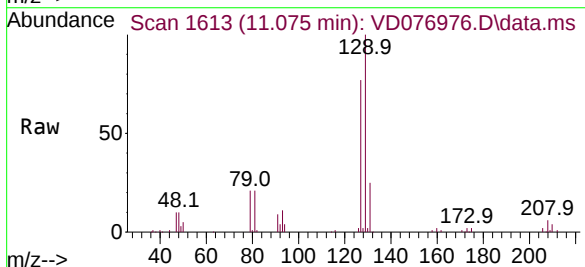


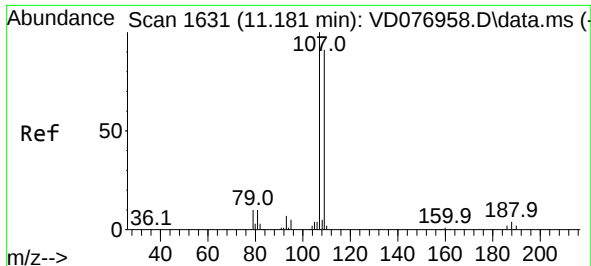
Tgt Ion: 43 Resp: 111629
Ion Ratio Lower Upper
43 100
58 63.2 42.9 64.3
57 20.5 13.7 20.5#
100 15.9 9.4 14.0#



#49
Dibromochloromethane
Concen: 26.749 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

Tgt Ion: 129 Resp: 117929
Ion Ratio Lower Upper
129 100
127 76.7 55.2 102.6

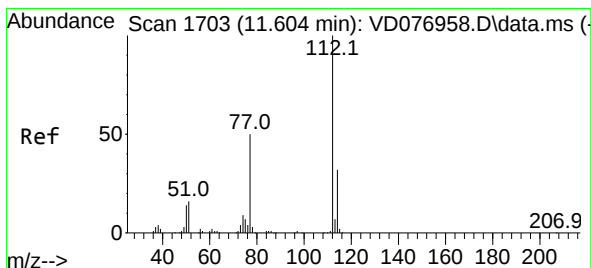
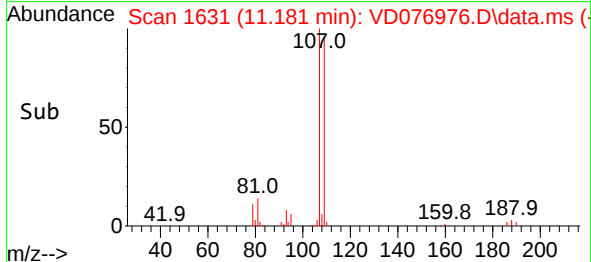
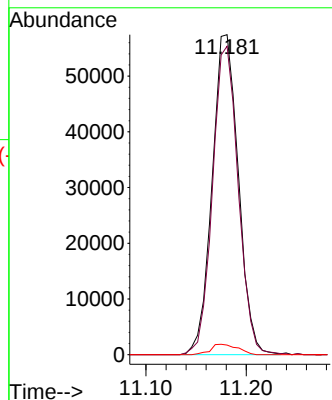
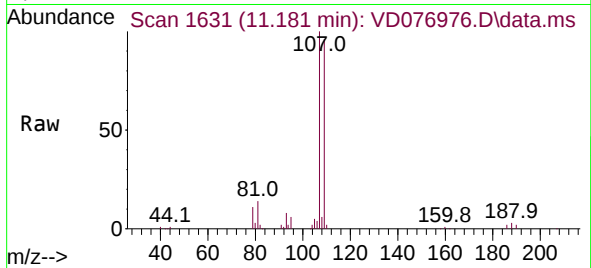




#50
1,2-Dibromoethane
Concen: 27.047 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

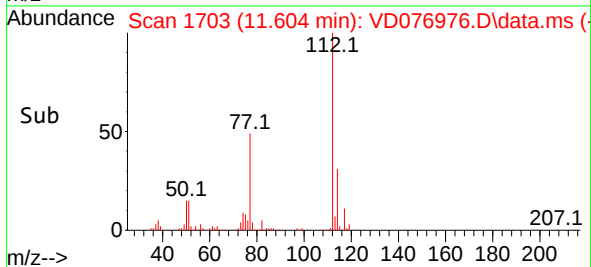
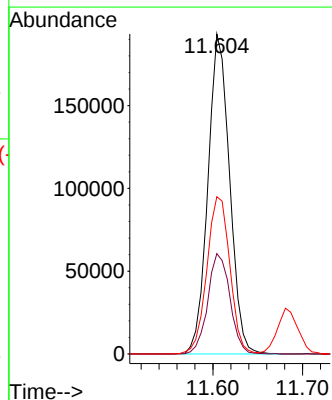
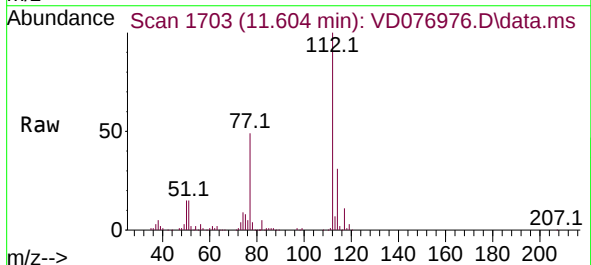
Instrument :
MSVOA_D
ClientSampleId :

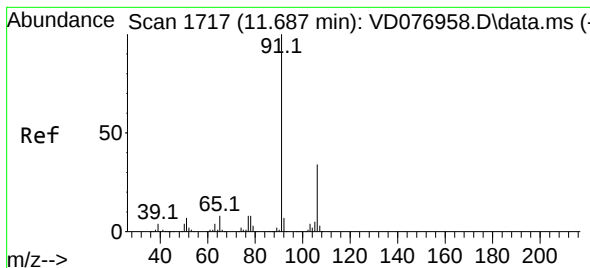
Tgt Ion:107 Resp: 104539
Ion Ratio Lower Upper
107 100
109 96.4 58.8 109.2
188 3.0 2.9 4.3



#51
Chlorobenzene
Concen: 26.098 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

Tgt Ion:112 Resp: 324556
Ion Ratio Lower Upper
112 100
114 31.3 21.5 39.9
77 49.1 43.4 65.2

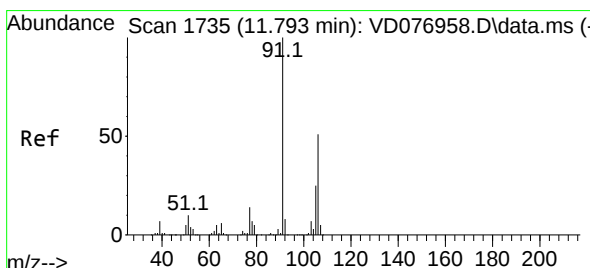
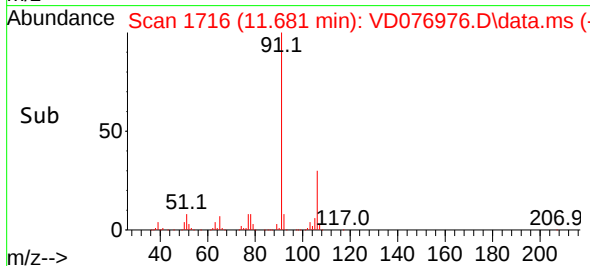
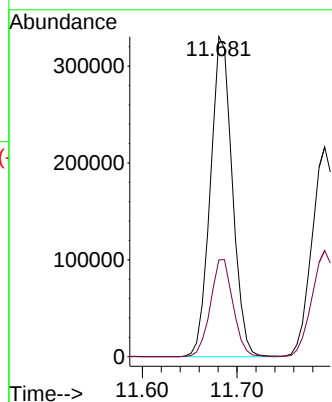
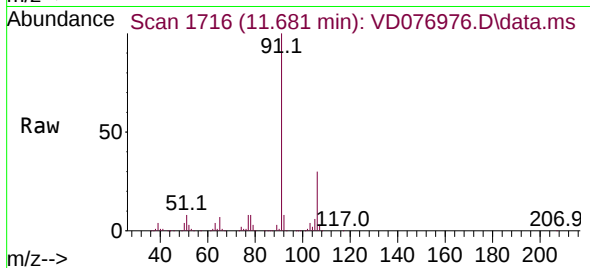




#52
Ethylbenzene
Concen: 26.210 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

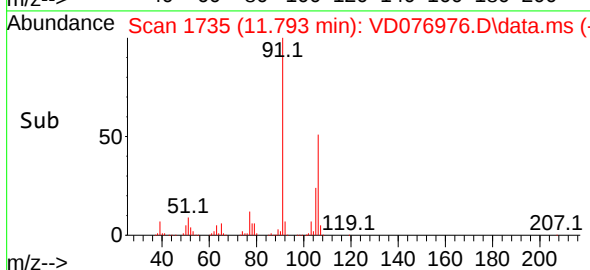
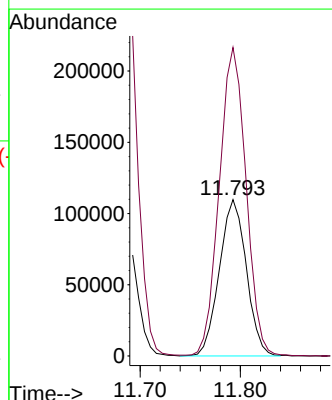
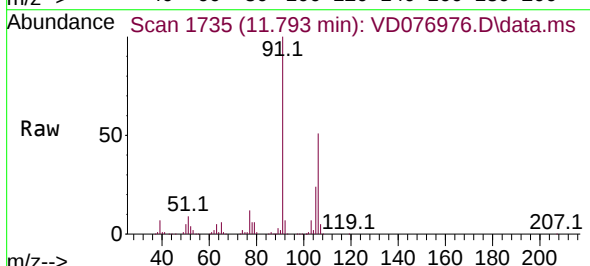
Instrument :
MSVOA_D
ClientSampleId :

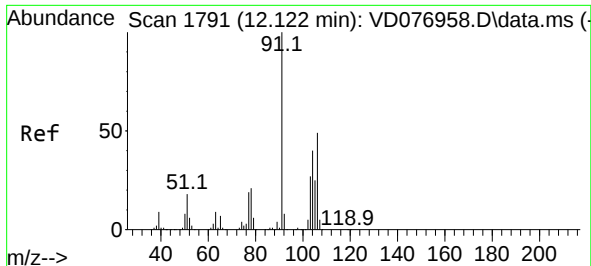
Tgt Ion: 91 Resp: 533107
Ion Ratio Lower Upper
91 100
106 30.2 22.4 41.6



#53
m,p-Xylene
Concen: 26.146 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

Tgt Ion: 106 Resp: 205192
Ion Ratio Lower Upper
106 100
91 197.2 141.5 262.9

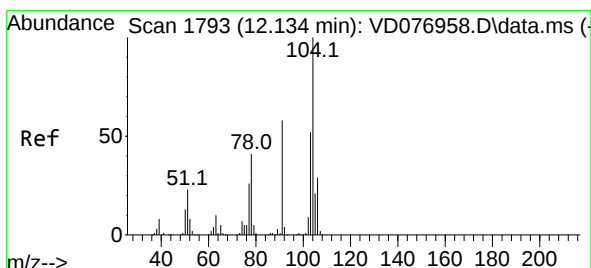
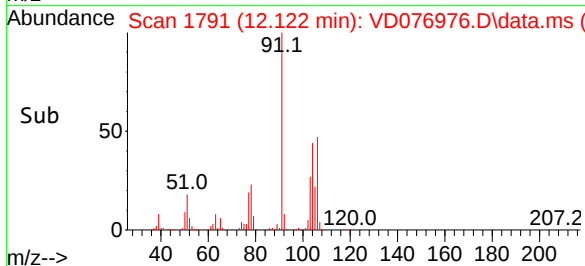
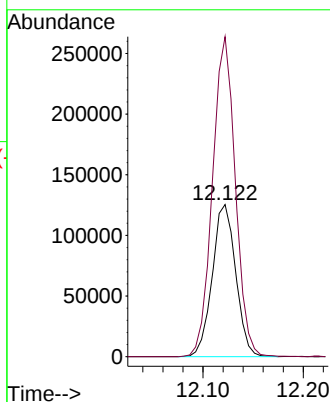
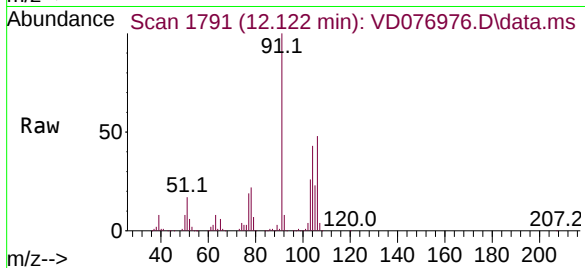




#54
o-Xylene
Concen: 26.988 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

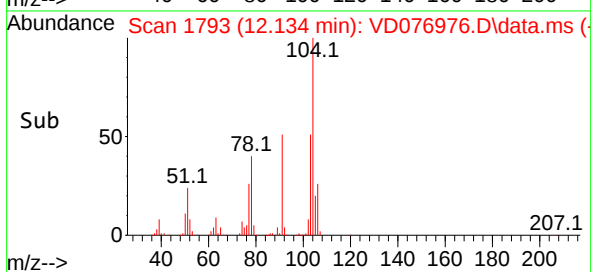
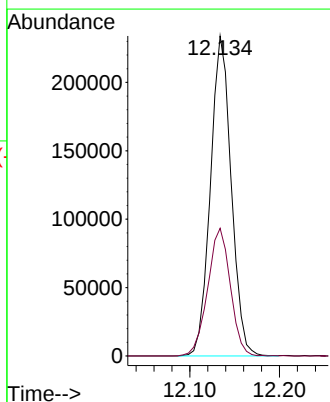
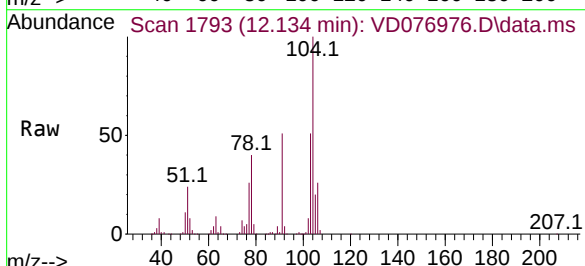
Instrument :
MSVOA_D
ClientSampleId :

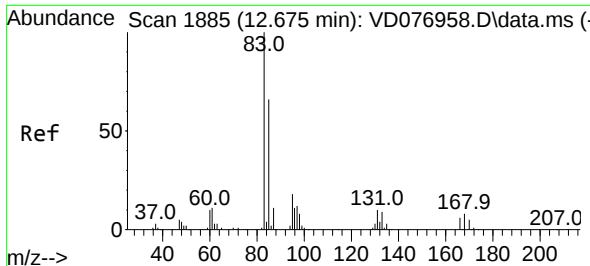
Tgt Ion:106 Resp: 203713
Ion Ratio Lower Upper
106 100
91 210.3 142.2 264.2



#55
Styrene
Concen: 27.568 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

Tgt Ion:104 Resp: 376240
Ion Ratio Lower Upper
104 100
78 39.9 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 27.156 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD076976.D

Acq: 10 Aug 2023 21:37

Instrument :

MSVOA_D

ClientSampleId :

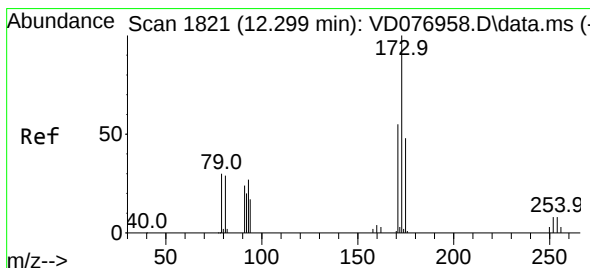
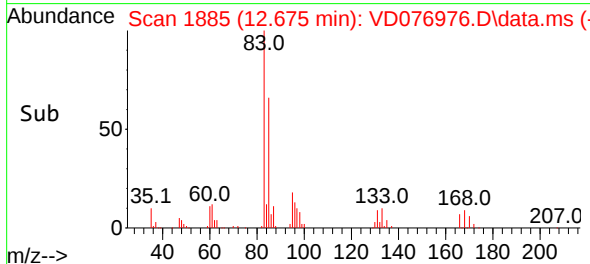
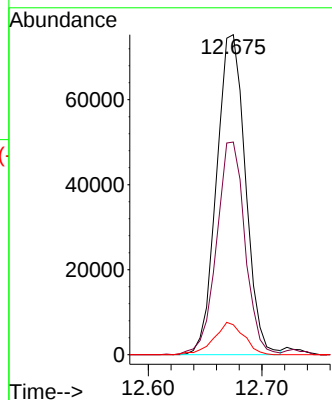
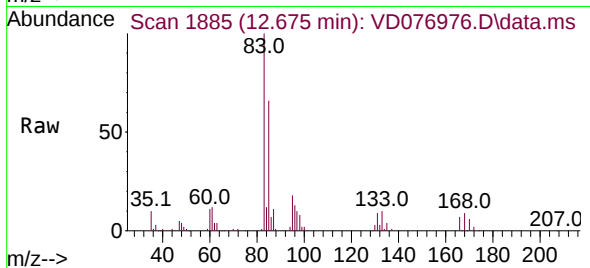
Tgt Ion: 83 Resp: 133104

Ion Ratio Lower Upper

83 100

85 66.5 46.3 86.1

131 9.3 7.0 10.4



#59

Bromoform

Concen: 27.324 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD076976.D

Acq: 10 Aug 2023 21:37

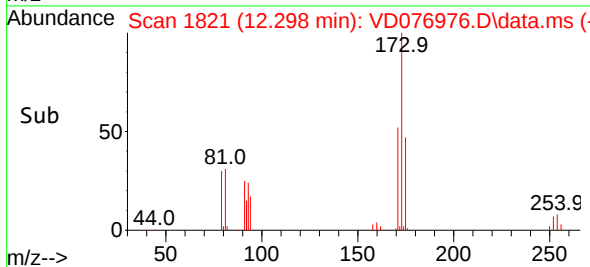
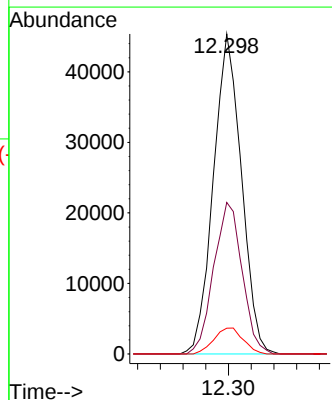
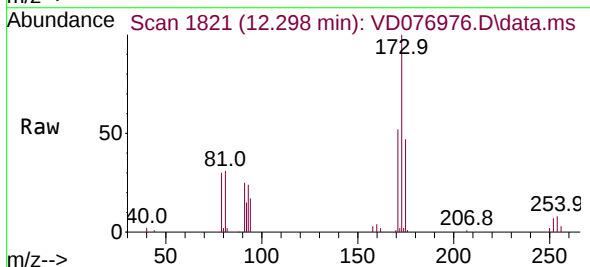
Tgt Ion:173 Resp: 77614

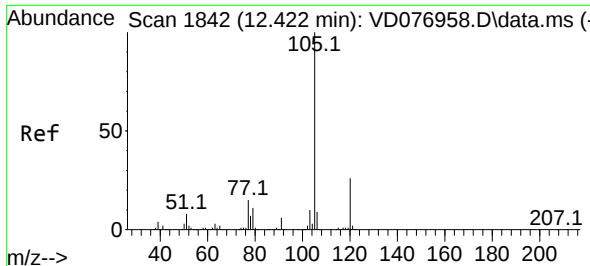
Ion Ratio Lower Upper

173 100

175 48.0 39.0 58.4

254 8.5 5.3 7.9#

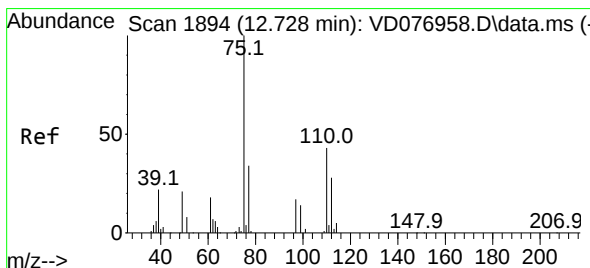
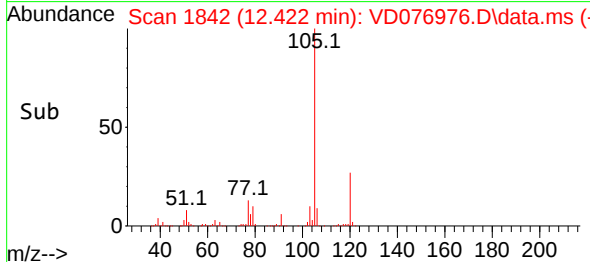
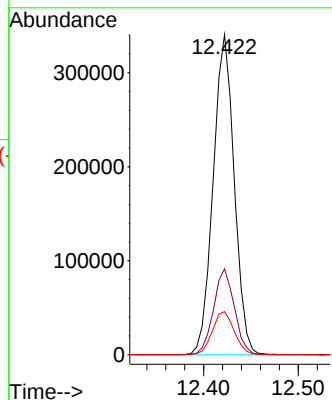
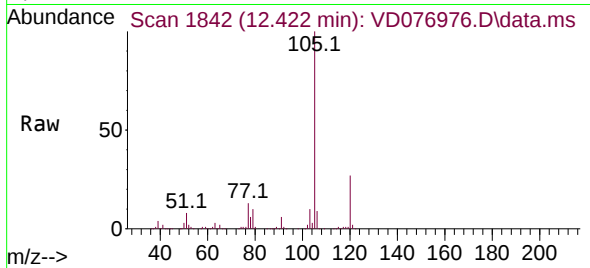




#60
Isopropylbenzene
Concen: 25.517 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

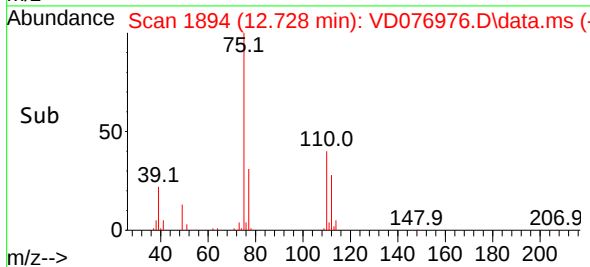
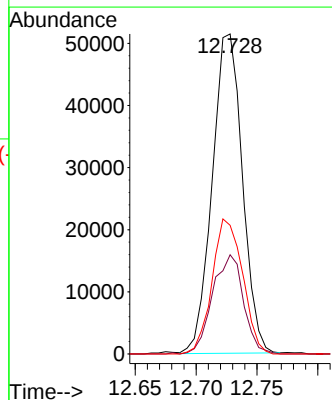
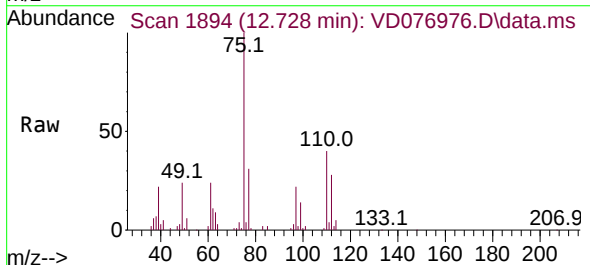
Instrument :
MSVOA_D
ClientSampleId :

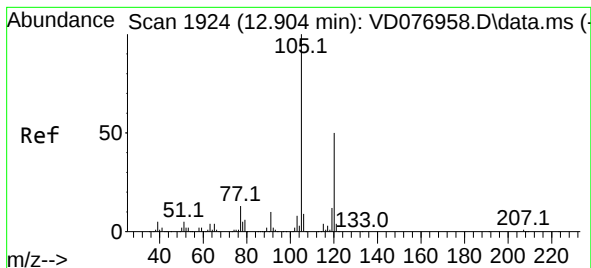
Tgt Ion:105 Resp: 525606
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 14.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 26.481 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

Tgt Ion: 75 Resp: 88521
Ion Ratio Lower Upper
75 100
77 31.8 27.2 40.8
110 42.8 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 26.189 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD076976.D

Acq: 10 Aug 2023 21:37

Instrument :

MSVOA_D

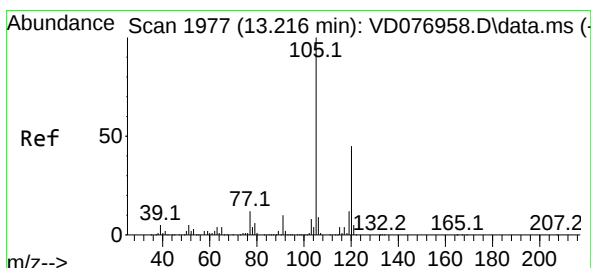
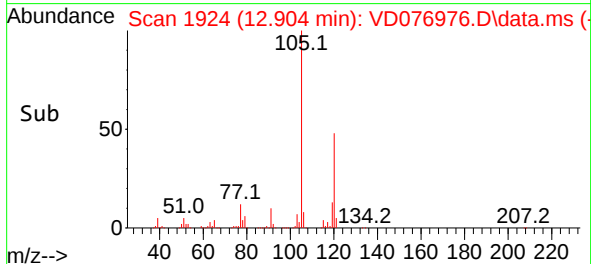
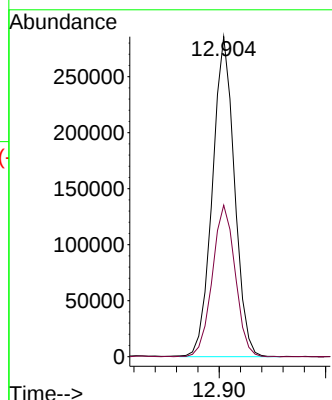
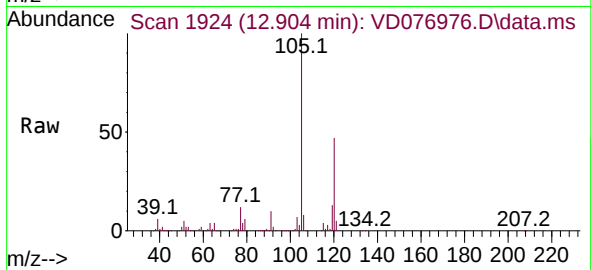
ClientSampleId :

Tgt Ion:105 Resp: 410954

Ion Ratio Lower Upper

105 100

120 48.9 39.8 59.6



#63

1,2,4-Trimethylbenzene

Concen: 26.347 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD076976.D

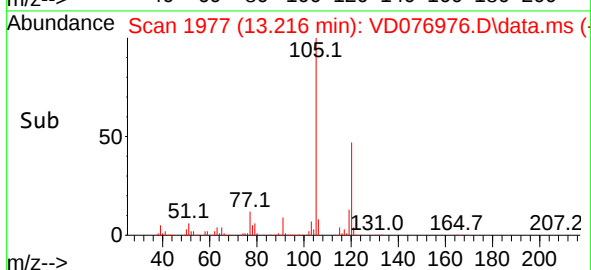
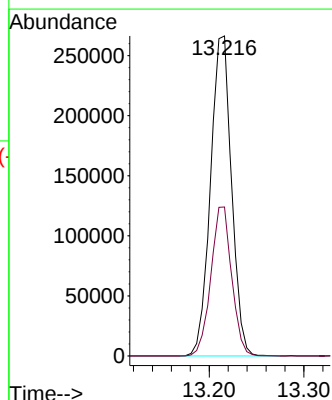
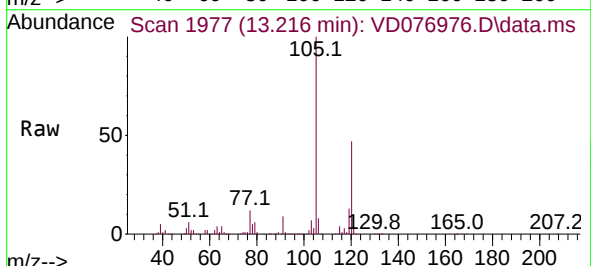
Acq: 10 Aug 2023 21:37

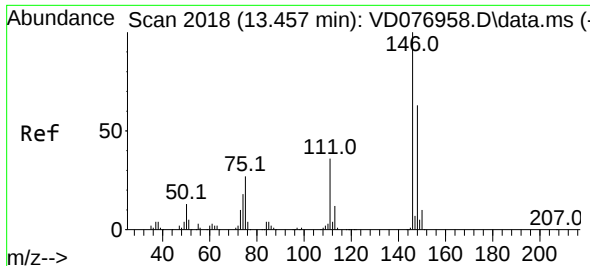
Tgt Ion:105 Resp: 411444

Ion Ratio Lower Upper

105 100

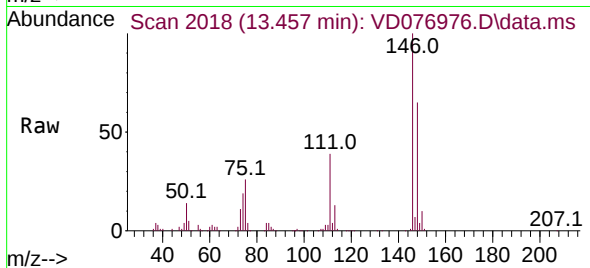
120 46.1 37.5 56.3



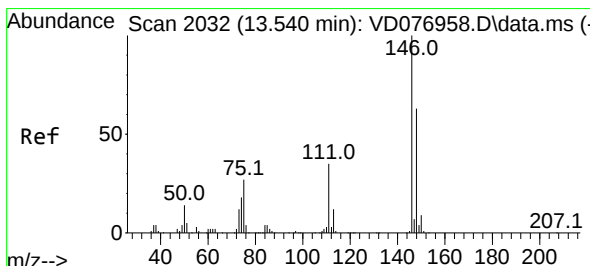
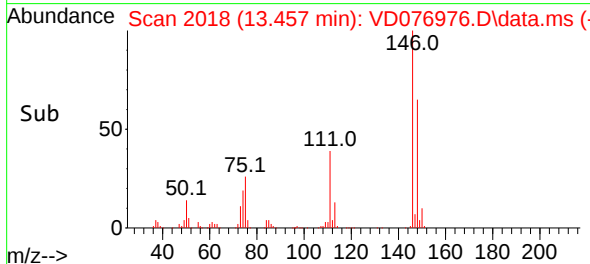
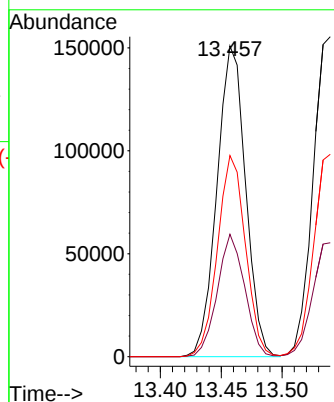


#64
1,3-Dichlorobenzene
Concen: 26.316 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

Instrument :
MSVOA_D
ClientSampleId :

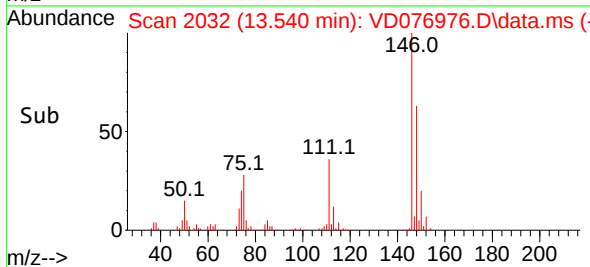
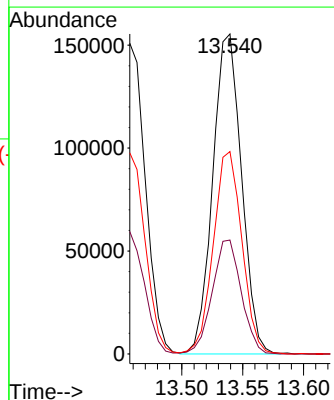
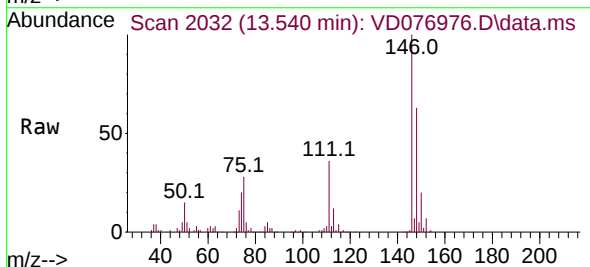


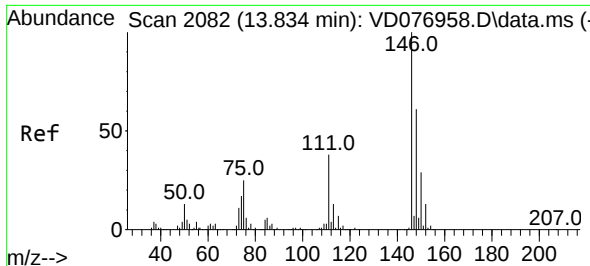
Tgt Ion:146 Resp: 247396
Ion Ratio Lower Upper
146 100
111 39.4 25.6 47.4
148 64.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 26.326 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

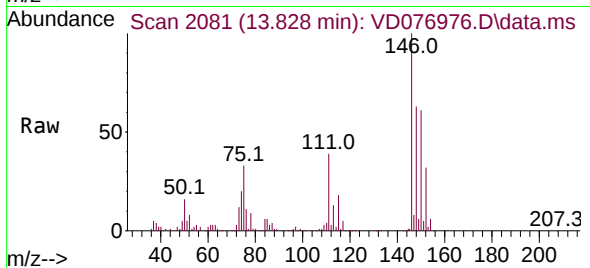
Tgt Ion:146 Resp: 255820
Ion Ratio Lower Upper
146 100
111 35.6 25.7 47.7
148 63.2 45.4 84.2



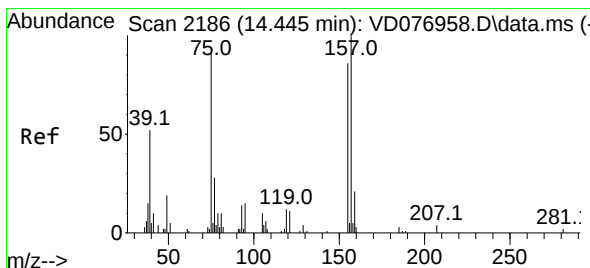
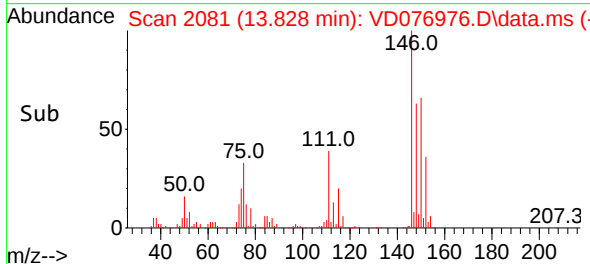
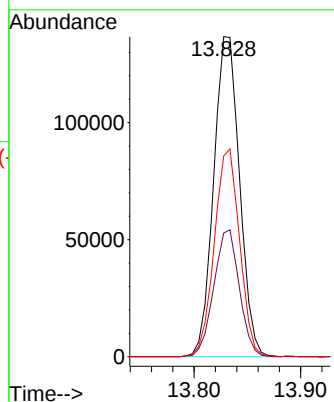


#67
1,2-Dichlorobenzene
Concen: 26.191 ug/L
RT: 13.828 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

Instrument :
MSVOA_D
ClientSampleId :

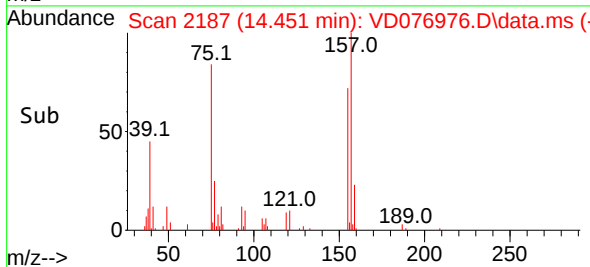
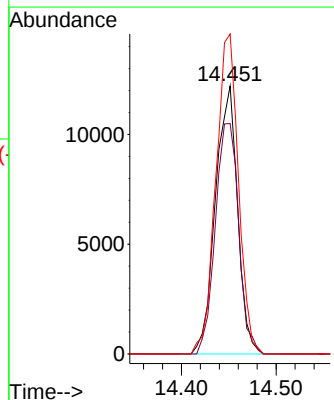
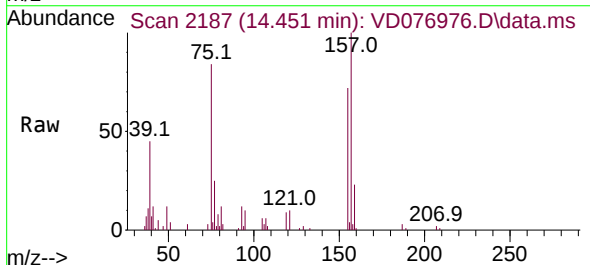


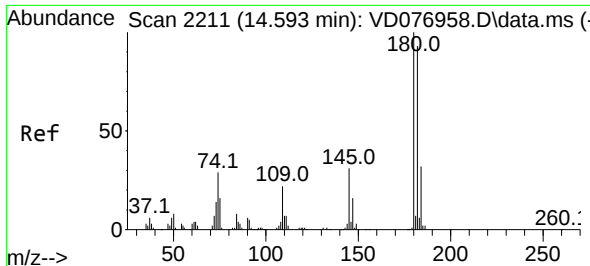
Tgt Ion:146 Resp: 230815
Ion Ratio Lower Upper
146 100
111 38.7 31.3 46.9
148 62.8 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 25.853 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

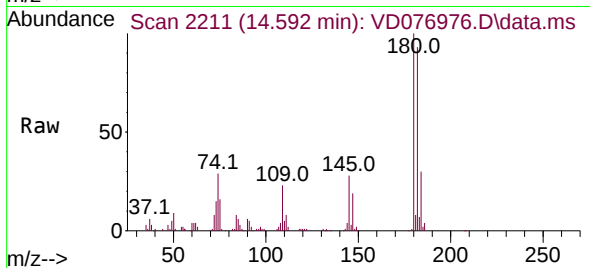
Tgt Ion: 75 Resp: 19802
Ion Ratio Lower Upper
75 100
155 85.9 76.2 114.4
157 119.4 89.4 134.2



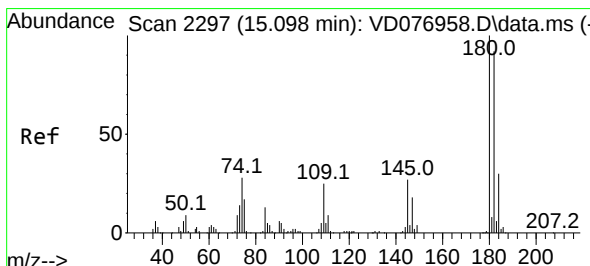
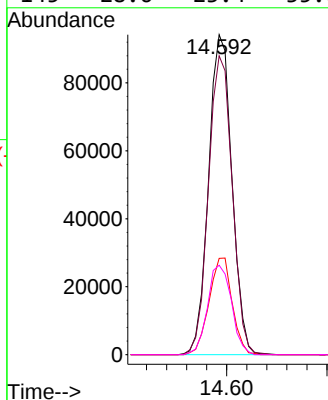
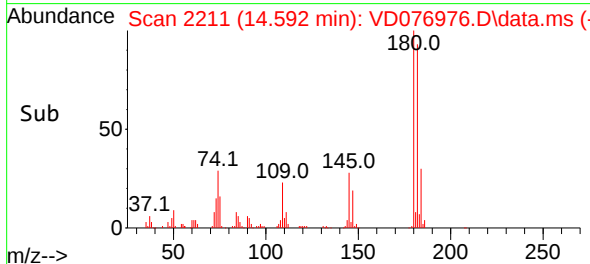


#69
1,3,5-Trichlorobenzene
Concen: 25.891 ug/L
RT: 14.592 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

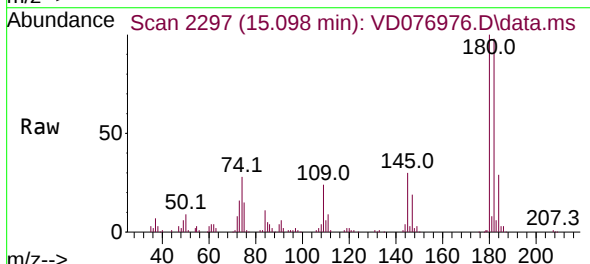
Instrument :
MSVOA_D
ClientSampleId :



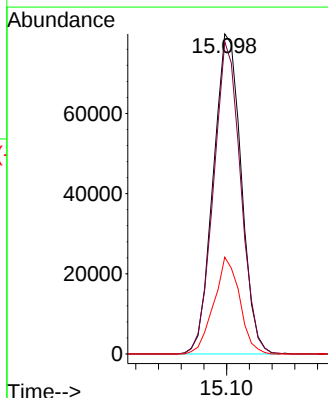
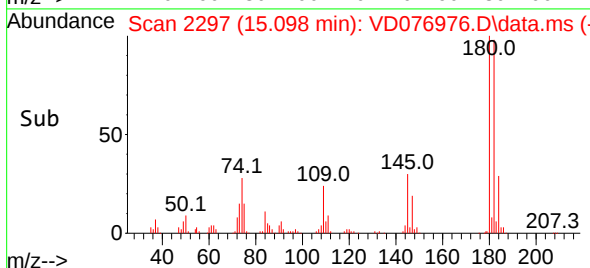
Tgt Ion:180 Resp: 152313
Ion Ratio Lower Upper
180 100
182 94.9 77.1 115.7
184 30.0 25.0 37.4
145 28.6 23.4 35.0

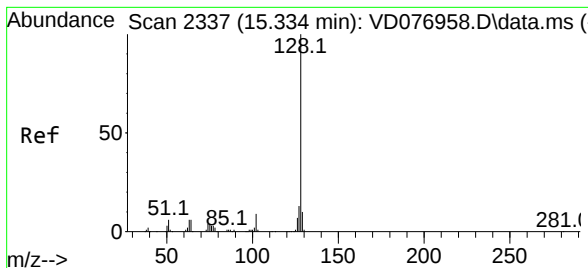


#70
1,2,4-trichlorobenzene
Concen: 26.339 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37



Tgt Ion:180 Resp: 136301
Ion Ratio Lower Upper
180 100
182 94.8 76.9 115.3
145 28.0 23.5 35.3

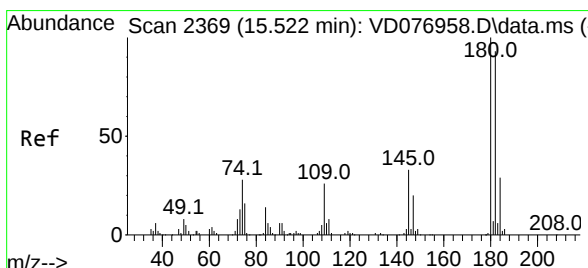
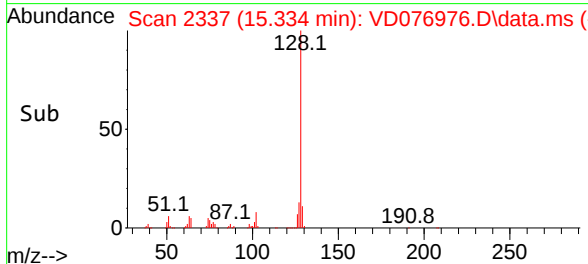
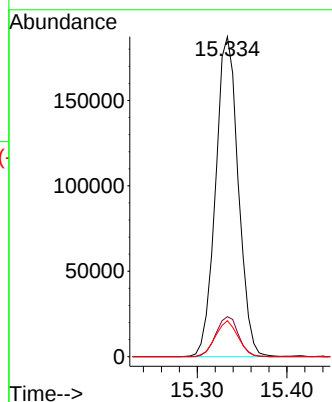
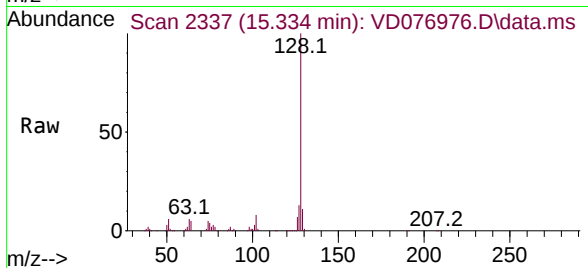




#71
Naphthalene
Concen: 27.038 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 329002
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 11.1 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 27.717 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076976.D
Acq: 10 Aug 2023 21:37

Tgt Ion:180 Resp: 130079
Ion Ratio Lower Upper
180 100
182 93.6 74.3 111.5
145 30.5 25.0 37.6

