

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
 Data File : VD075824.D
 Acq On : 26 Apr 2023 09:48
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025132

Quant Time: Apr 27 01:21:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 26 02:39:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	383831	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	346070	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	171721	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	220040	26.132	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.520%	
7) Chloroethane-d5	2.805	69	181615	24.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 99.840%	
11) 1,1-Dichloroethene-d2	3.922	65	52160	26.869	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 107.480%	
21) 2-Butanone-d5	6.987	46	41441	56.692	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 113.380%	
24) Chloroform-d	7.569	84	254468	26.512	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 106.040%	
26) 1,2-Dichloroethane-d4	8.228	65	108268	26.414	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.640%	
32) Benzene-d6	8.199	84	547318	27.135	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 108.520%	
36) 1,2-Dichloropropane-d6	9.210	67	150997	27.046	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 108.200%	
41) Toluene-d8	10.269	98	518368	27.451	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 109.800%	
43) trans-1,3-Dichloroprop...	10.528	79	61775	26.769	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 107.080%	
47) 2-Hexanone-d5	10.881	63	37487	55.765	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 111.540%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	113916	26.664	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 106.640%	
66) 1,2-Dichlorobenzene-d4	13.816	152	159041	26.184	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 104.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	147968	27.964	ug/L	100
3) Chloromethane	2.146	50	179682	24.359	ug/L	98
5) Vinyl chloride	2.287	62	244421	25.354	ug/L	100
6) Bromomethane	2.699	94	160397	24.761	ug/L	99
8) Chloroethane	2.840	64	150107	24.076	ug/L	95
9) Trichlorofluoromethane	3.181	101	206392	26.645	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	145463	27.953	ug/L	98
12) 1,1-Dichloroethene	3.946	96	134242	26.600	ug/L	82
13) Acetone	4.016	43	32992	52.740	ug/L	100
14) Carbon disulfide	4.275	76	449729	25.513	ug/L	99
15) Methyl Acetate	4.563	43	35618	26.273	ug/L #	84
16) Methylene chloride	4.799	84	154571	19.851	ug/L	99
17) trans-1,2-Dichloroethene	5.316	96	143394	25.339	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	233417	25.714	ug/L #	67
19) 1,1-Dichloroethane	6.116	63	211666	25.532	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	151654	25.344	ug/L	99
22) 2-Butanone	7.087	43	45517	55.813	ug/L	96
23) Bromochloromethane	7.428	128	72316	26.059	ug/L	95
25) Chloroform	7.593	83	233190	25.098	ug/L	100

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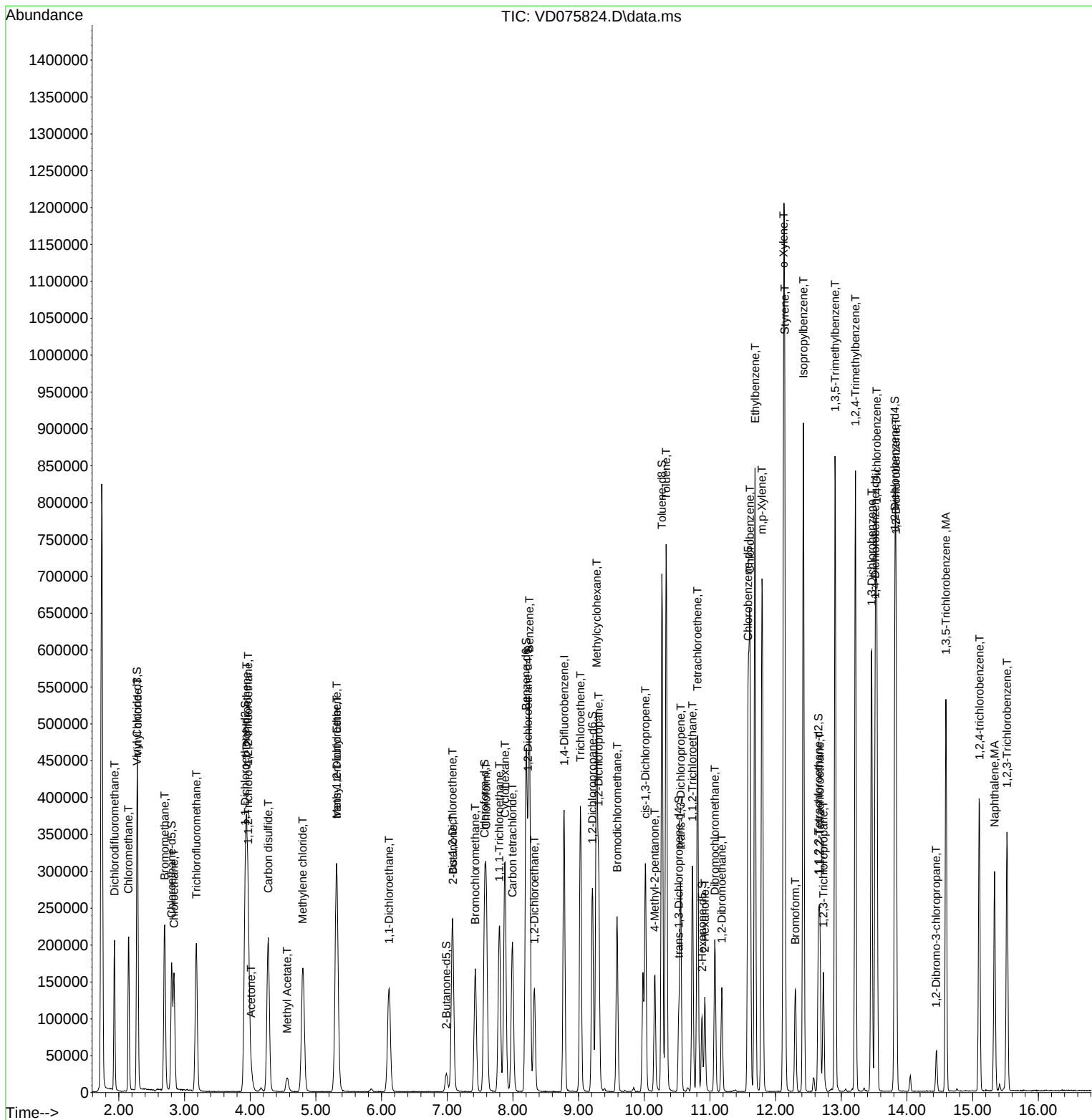
Instrument :
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 ClientSampleId :
 VSTD025132

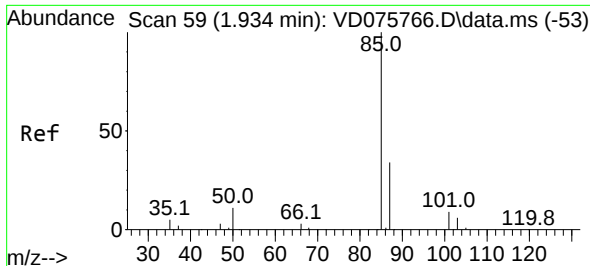
Quant Time: Apr 27 01:21:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 26 02:39:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	124514	25.963	ug/L	100
29) Cyclohexane	7.881	56	170160	28.722	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	195595	26.713	ug/L	99
31) Carbon tetrachloride	7.993	117	161725	27.531	ug/L	99
33) Benzene	8.252	78	545039	26.037	ug/L	100
34) Trichloroethene	9.028	95	140745	25.999	ug/L	97
35) Methylcyclohexane	9.275	83	233428	27.968	ug/L	99
37) 1,2-Dichloropropane	9.304	63	126094	26.223	ug/L	100
38) Bromodichloromethane	9.587	83	167487	25.832	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	198898	26.009	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	98744	56.323	ug/L	97
42) Toluene	10.334	91	604411	26.681	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	164760	26.819	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	104181	25.467	ug/L	95
46) Tetrachloroethene	10.810	164	121857	27.444	ug/L	100
48) 2-Hexanone	10.922	43	71629	57.954	ug/L	94
49) Dibromochloromethane	11.075	129	115920	26.029	ug/L	94
50) 1,2-Dibromoethane	11.181	107	95287	25.836	ug/L #	97
51) Chlorobenzene	11.610	112	386249	26.063	ug/L	98
52) Ethylbenzene	11.687	91	621129	26.739	ug/L	98
53) m,p-Xylene	11.793	106	256974	27.782	ug/L	100
54) o-Xylene	12.122	106	234016	26.637	ug/L	98
55) Styrene	12.140	104	421434	27.561	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	110066	26.443	ug/L	97
59) Bromoform	12.298	173	67753	25.744	ug/L	100
60) Isopropylbenzene	12.422	105	605000	26.570	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	68520	25.401	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	468780	27.609	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	448756	27.418	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	284705	26.132	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	292603	25.590	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	254378	26.146	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	13691	25.388	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	174929	23.955	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	142268	23.510	ug/L	98
71) Naphthalene	15.334	128	271745	24.539	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	130811	24.216	ug/L	99

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

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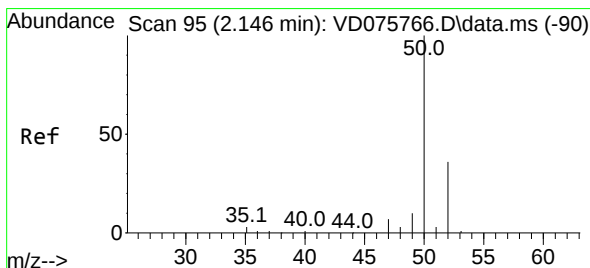
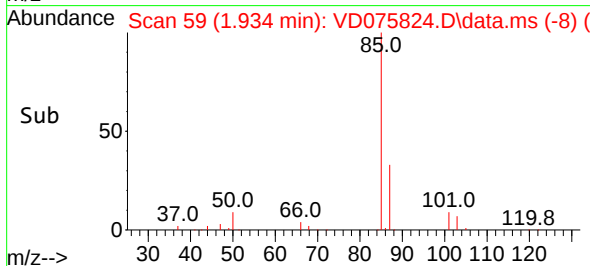
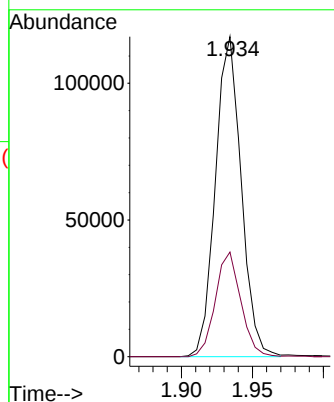
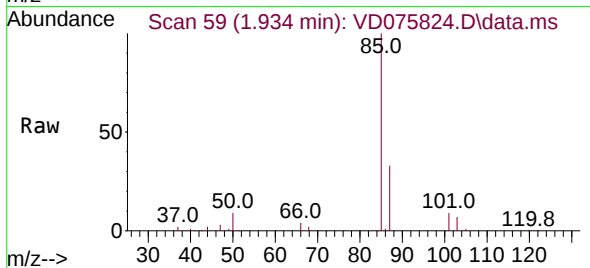




#2
Dichlorodifluoromethane
Concen: 27.964 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

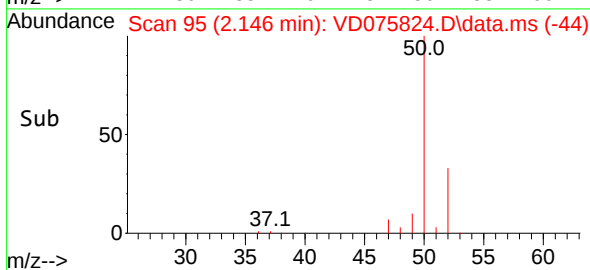
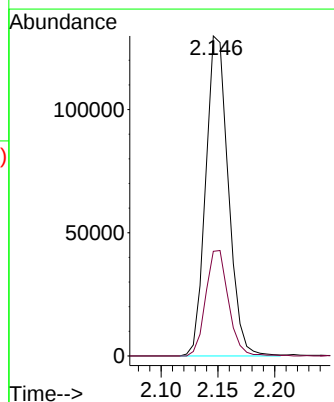
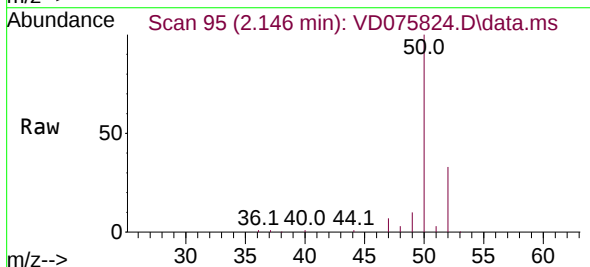
Instrument :
MSVOA_D
ClientSampleId :
VSTD025132

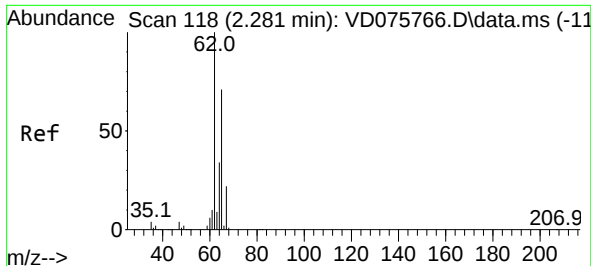
Tgt Ion: 85 Resp: 147968
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.8



#3
Chloromethane
Concen: 24.359 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

Tgt Ion: 50 Resp: 179682
Ion Ratio Lower Upper
50 100
52 32.7 23.7 44.1

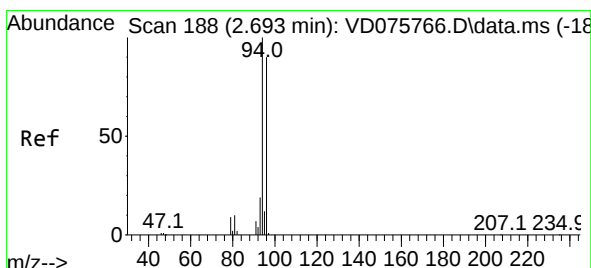
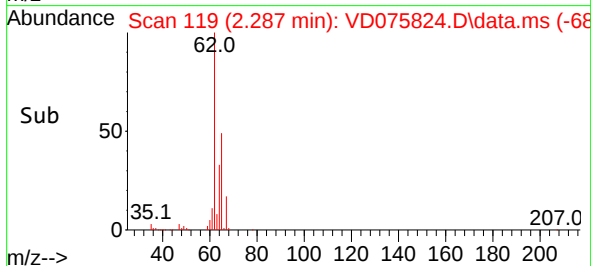
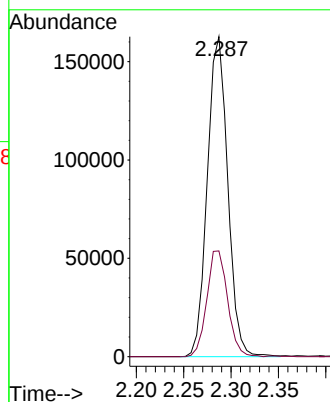
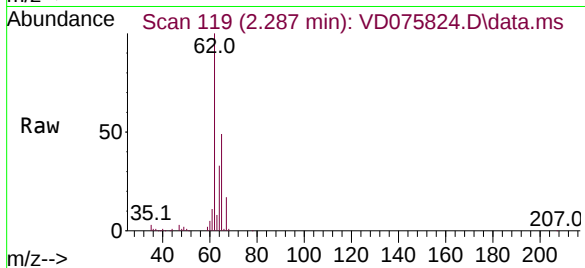




#5
 Vinyl chloride
 Concen: 25.354 ug/L
 RT: 2.287 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD075824.D
 Acq: 26 Apr 2023 09:48

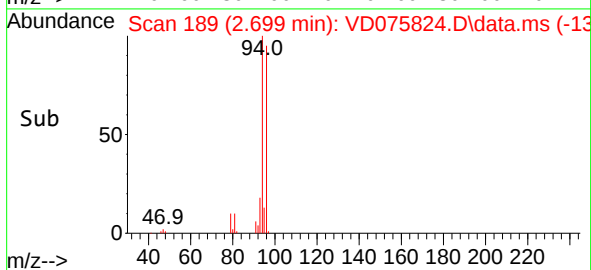
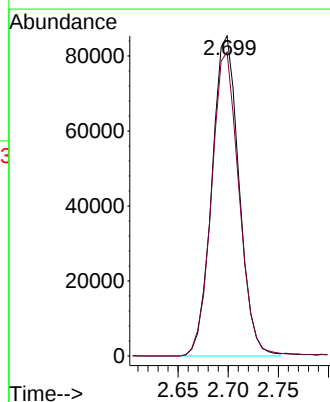
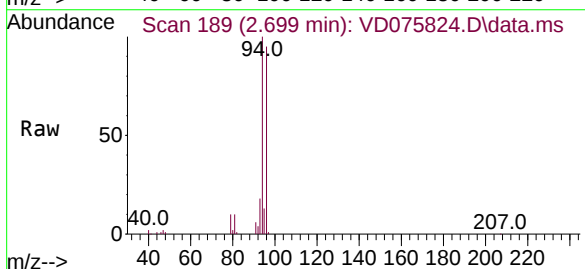
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 VSTD025132

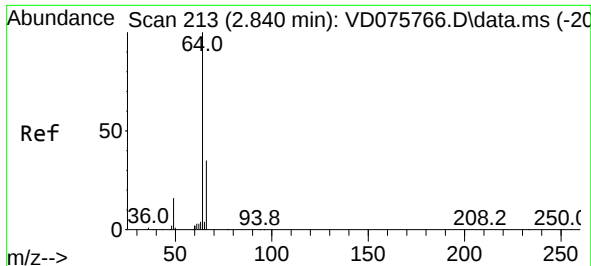
Tgt Ion: 62 Resp: 244421
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.0



#6
 Bromomethane
 Concen: 24.761 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD075824.D
 Acq: 26 Apr 2023 09:48

Tgt Ion: 94 Resp: 160397
 Ion Ratio Lower Upper
 94 100
 96 95.0 65.7 121.9

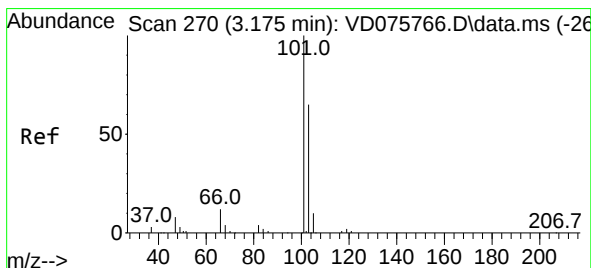
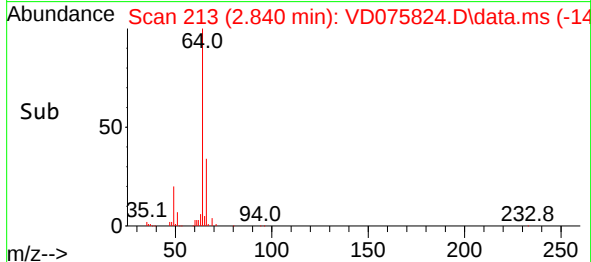
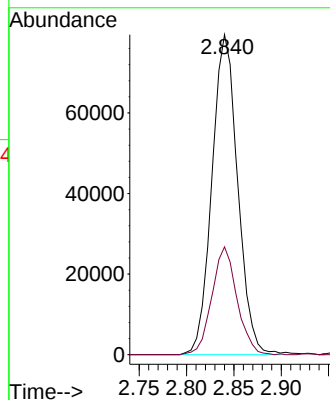
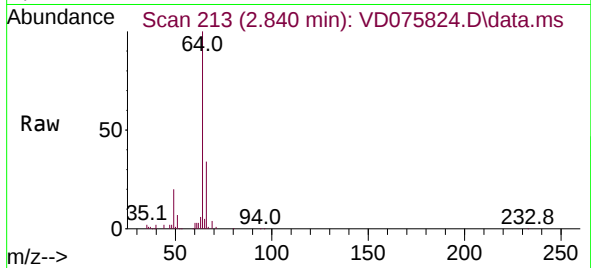




#8
Chloroethane
Concen: 24.076 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

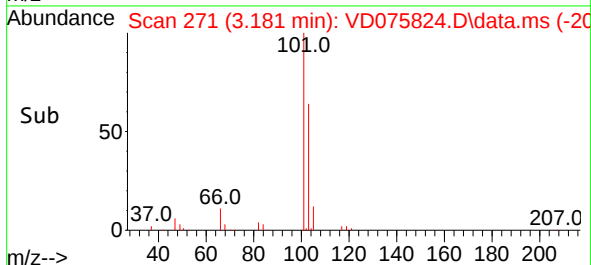
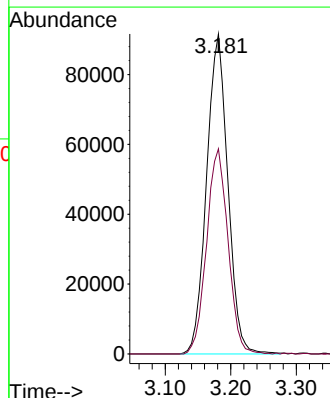
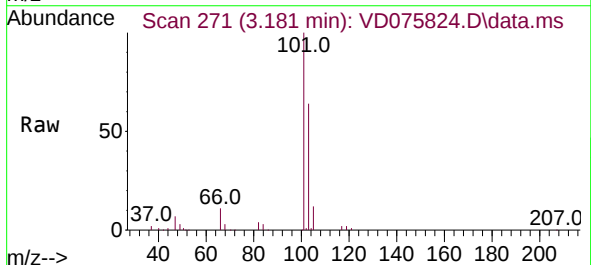
Instrument :
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ClientSampleId :
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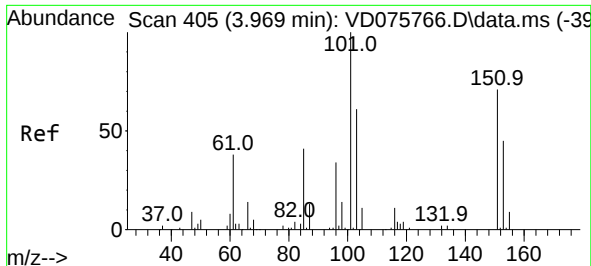
Tgt Ion: 64 Resp: 150107
Ion Ratio Lower Upper
64 100
66 33.7 21.8 40.4



#9
Trichlorofluoromethane
Concen: 26.645 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

Tgt Ion: 101 Resp: 206392
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.4

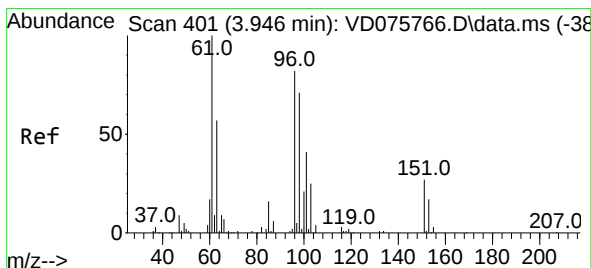
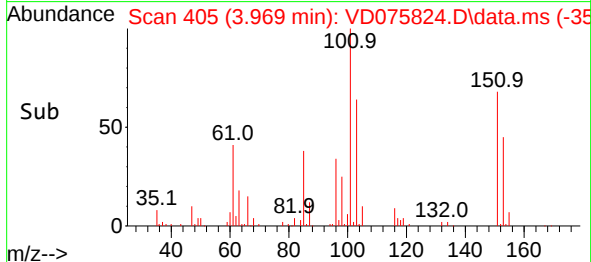
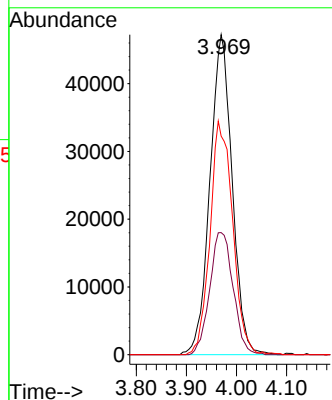
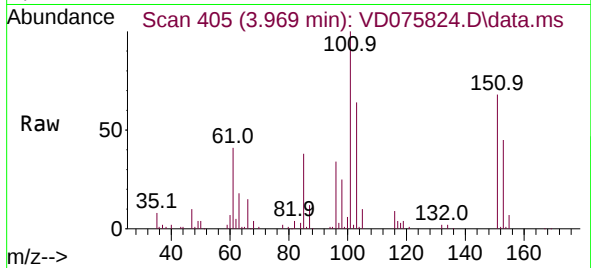




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.953 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075824.D
 Acq: 26 Apr 2023 09:48

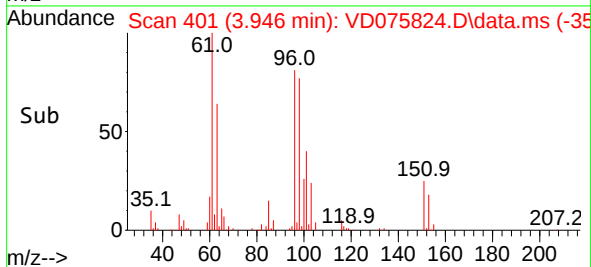
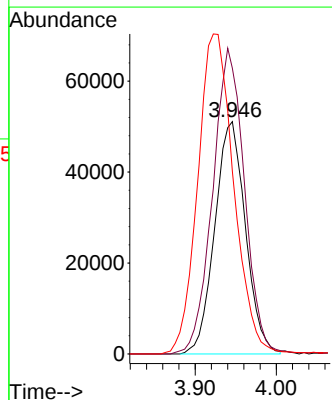
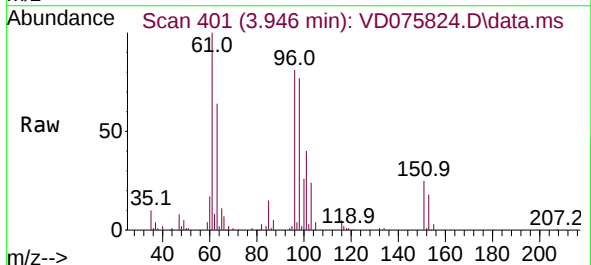
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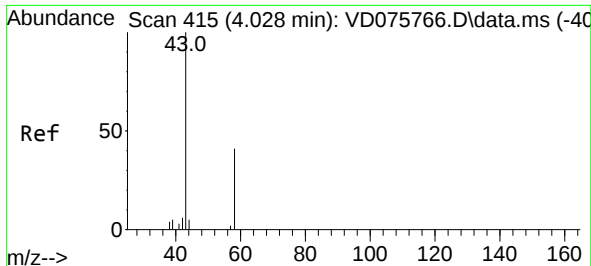
Tgt Ion:101 Resp: 145463
 Ion Ratio Lower Upper
 101 100
 85 40.1 32.9 49.3
 151 74.0 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 26.600 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VD075824.D
 Acq: 26 Apr 2023 09:48

Tgt Ion: 96 Resp: 134242
 Ion Ratio Lower Upper
 96 100
 61 123.0 92.6 172.0
 63 78.6 77.4 143.8





#13

Acetone

Concen: 52.740 ug/L

RT: 4.016 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD075824.D

Acq: 26 Apr 2023 09:48

Instrument :

MSVOA_D

ClientSampleId :

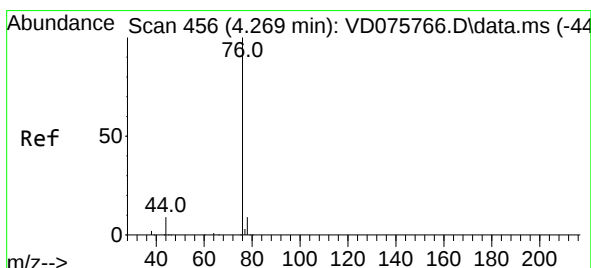
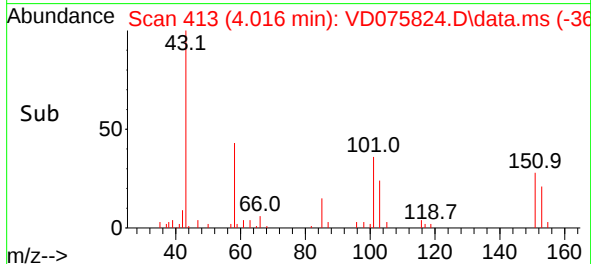
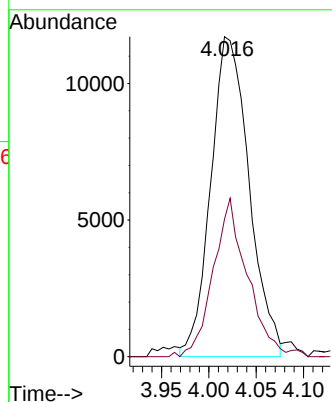
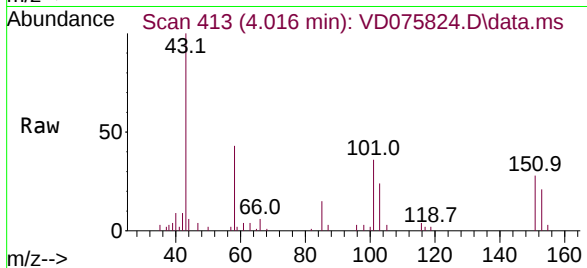
VSTD025132

Tgt Ion: 43 Resp: 32992

Ion Ratio Lower Upper

43 100

58 43.6 0.0 87.4



#14

Carbon disulfide

Concen: 25.513 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD075824.D

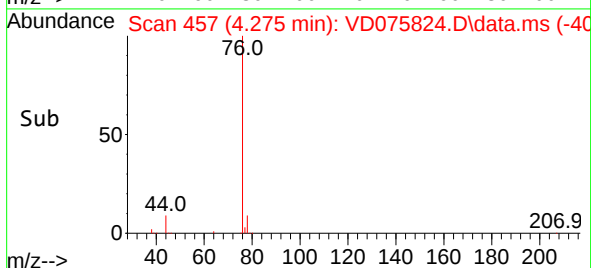
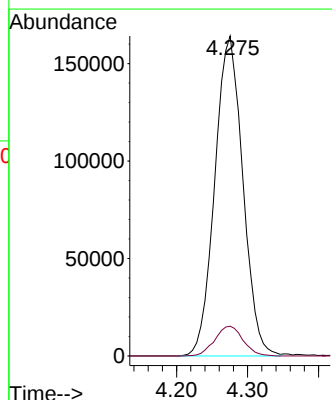
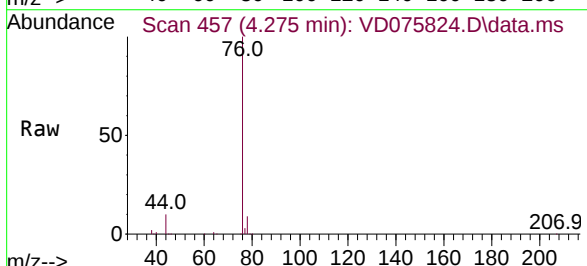
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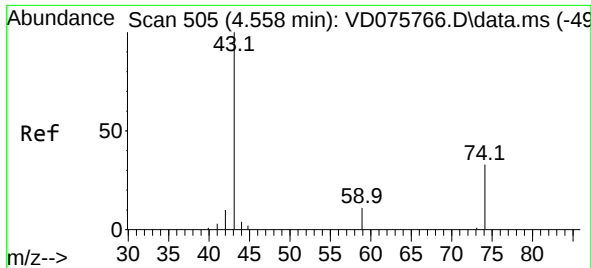
Tgt Ion: 76 Resp: 449729

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6

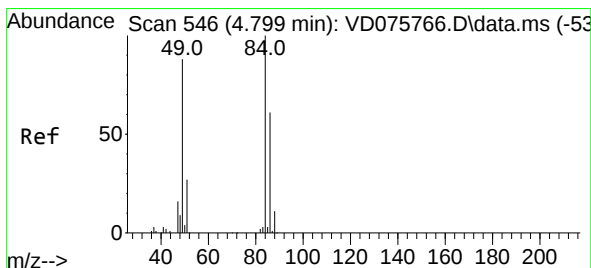
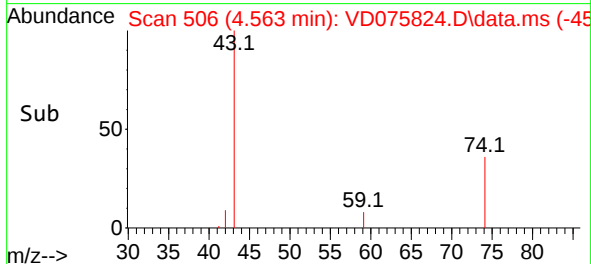
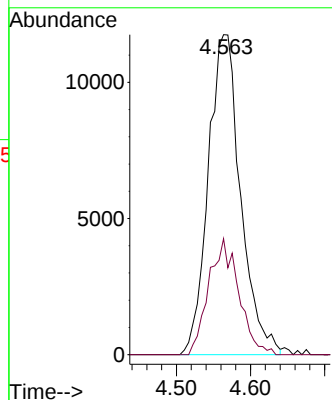
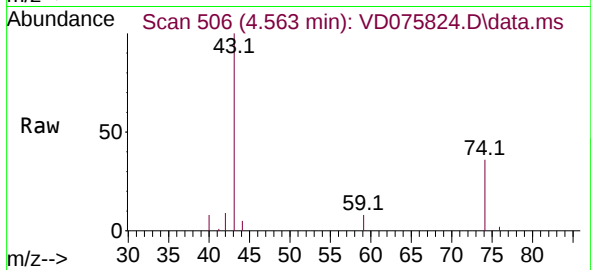




#15
Methyl Acetate
Concen: 26.273 ug/L
RT: 4.563 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

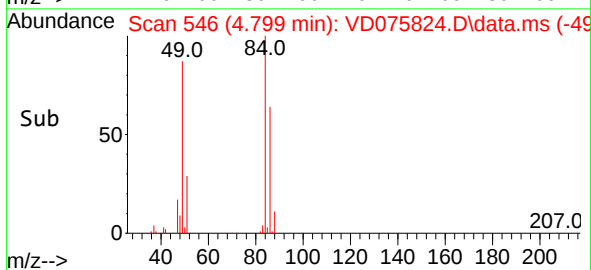
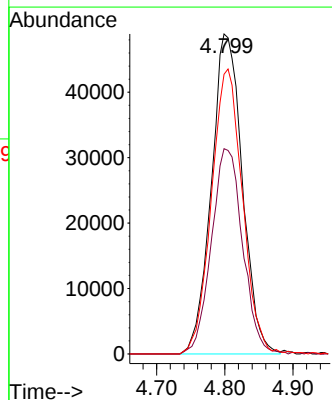
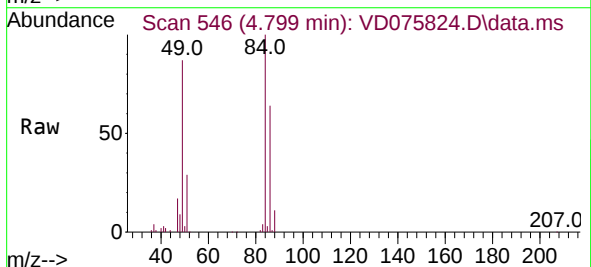
Instrument :
MSVOA_D
ClientSampleId :
VSTD025132

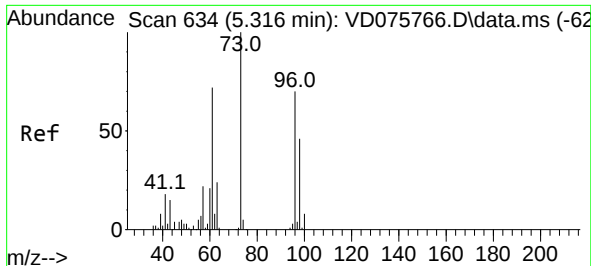
Tgt Ion: 43 Resp: 35618
Ion Ratio Lower Upper
43 100
74 22.9 12.8 19.2#



#16
Methylene chloride
Concen: 19.851 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

Tgt Ion: 84 Resp: 154571
Ion Ratio Lower Upper
84 100
86 64.2 45.8 85.2
49 87.4 60.8 112.8

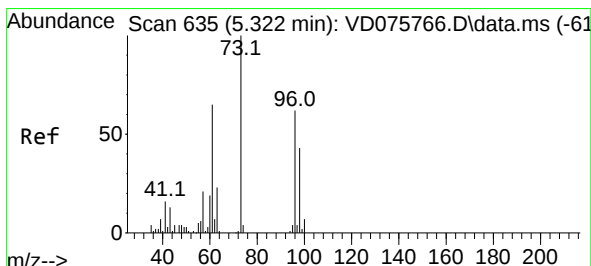
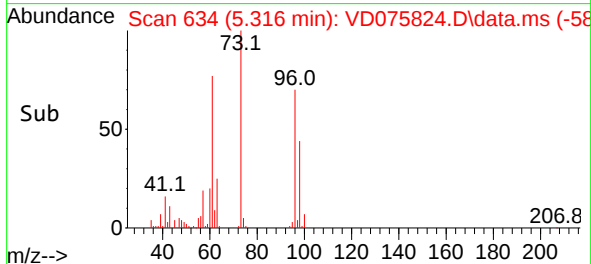
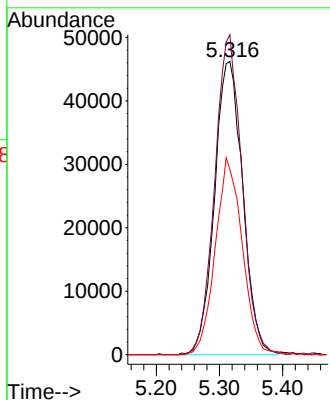
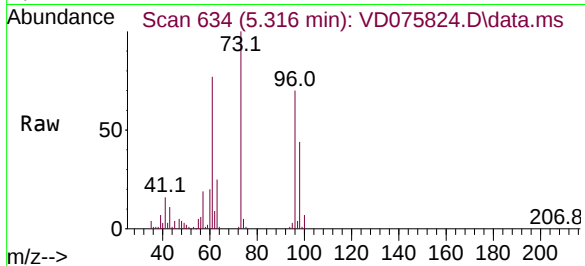




#17
trans-1,2-Dichloroethene
Concen: 25.339 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

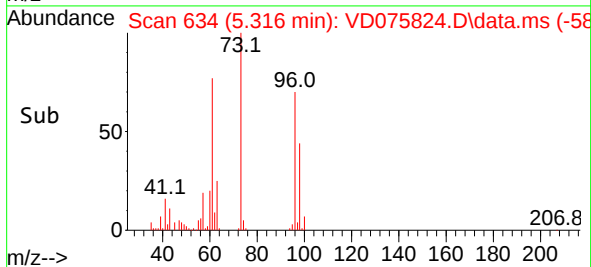
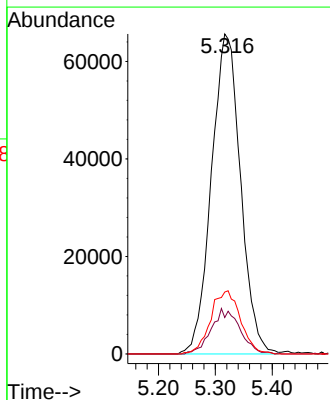
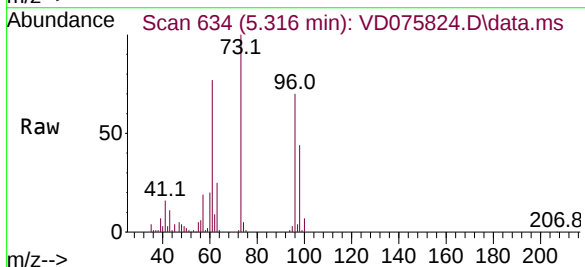
Instrument :
MSVOA_D
ClientSampleId :
VSTD025132

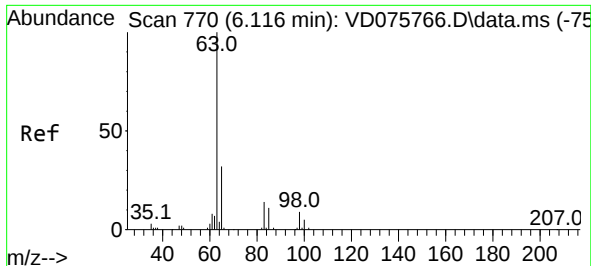
Tgt Ion: 96 Resp: 143394
Ion Ratio Lower Upper
96 100
61 109.2 72.9 135.5
98 63.2 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 25.714 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

Tgt Ion: 73 Resp: 233417
Ion Ratio Lower Upper
73 100
43 7.0 11.3 16.9#
57 0.0 16.3 24.5#





#19

1,1-Dichloroethane

Concen: 25.532 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.000 min

Lab File: VD075824.D

Acq: 26 Apr 2023 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTD025132

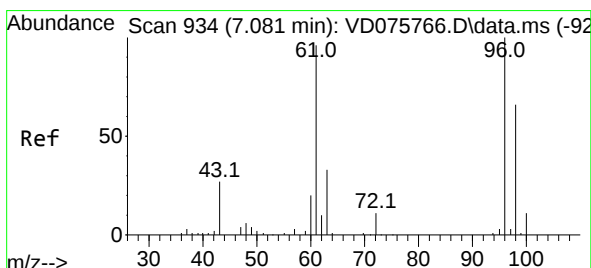
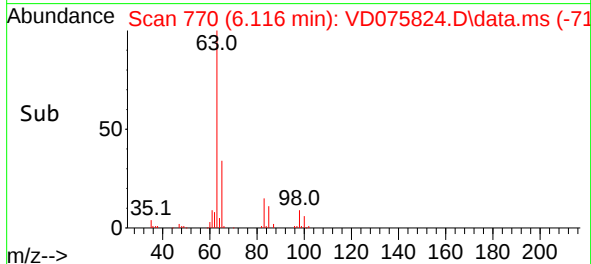
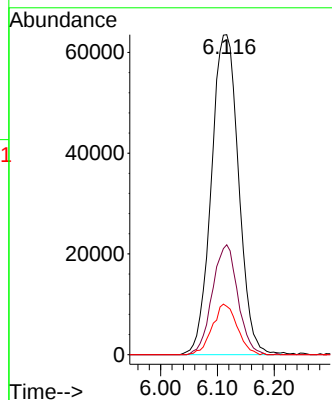
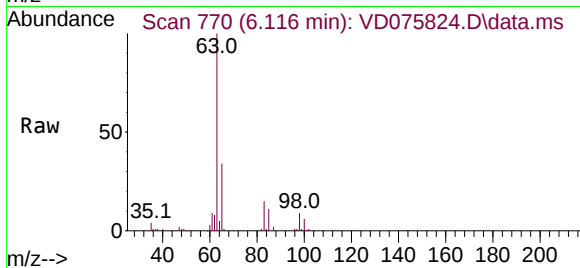
Tgt Ion: 63 Resp: 211666

Ion Ratio Lower Upper

63 100

65 34.3 22.8 42.4

83 15.1 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 25.344 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD075824.D

Acq: 26 Apr 2023 09:48

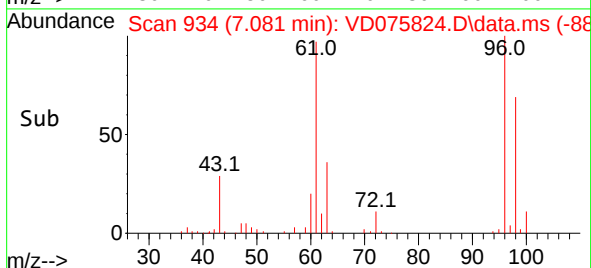
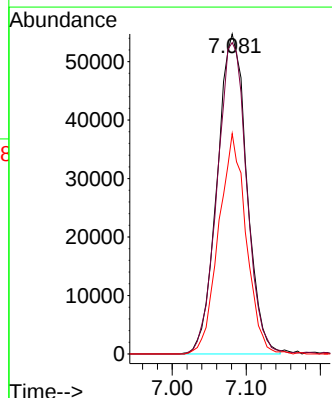
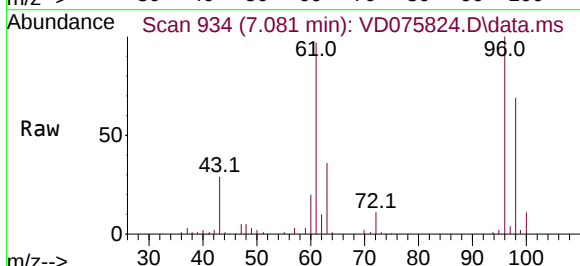
Tgt Ion: 96 Resp: 151654

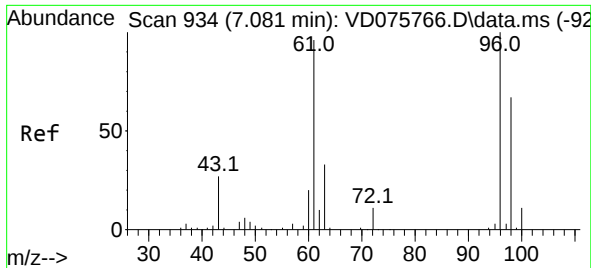
Ion Ratio Lower Upper

96 100

61 97.3 67.5 125.3

98 68.8 47.5 88.1

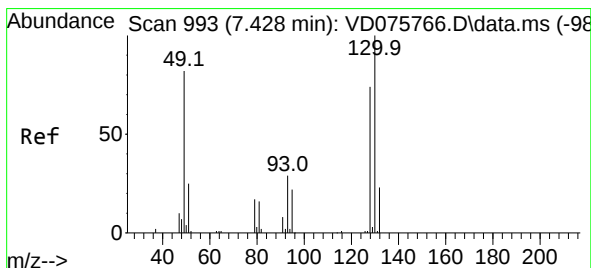
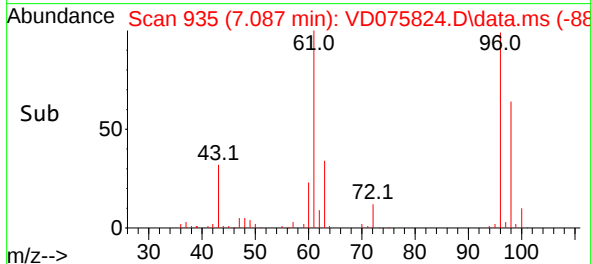
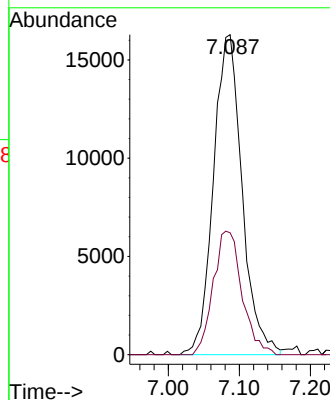
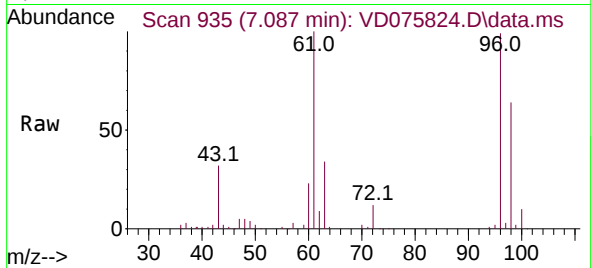




#22
2-Butanone
Concen: 55.813 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

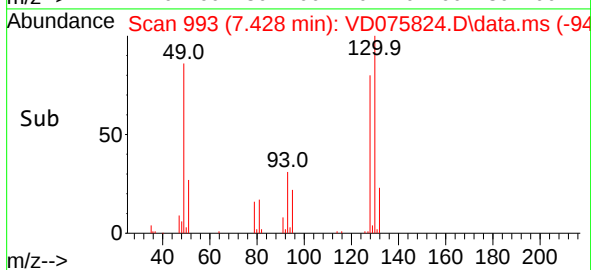
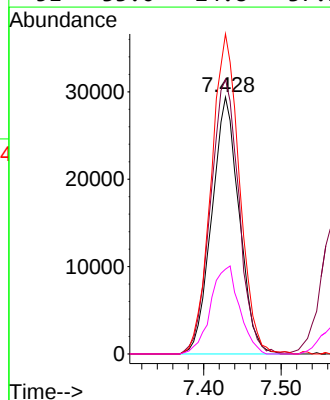
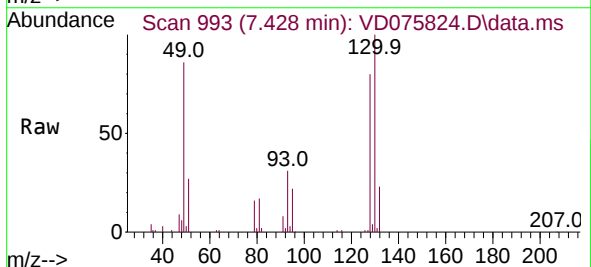
Instrument :
MSVOA_D
ClientSampleId :
VSTD025132

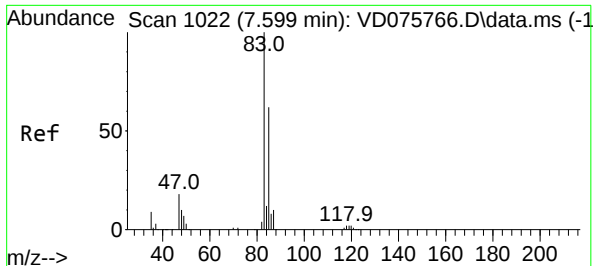
Tgt Ion: 43 Resp: 45517
Ion Ratio Lower Upper
43 100
72 38.8 20.5 61.5



#23
Bromochloromethane
Concen: 26.059 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

Tgt Ion:128 Resp: 72316
Ion Ratio Lower Upper
128 100
49 107.0 76.4 142.0
130 124.6 93.5 173.7
51 33.0 24.8 37.2





#25

Chloroform

Concen: 25.098 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD075824.D

Acq: 26 Apr 2023 09:48

Instrument :

MSVOA_D

ClientSampleId :

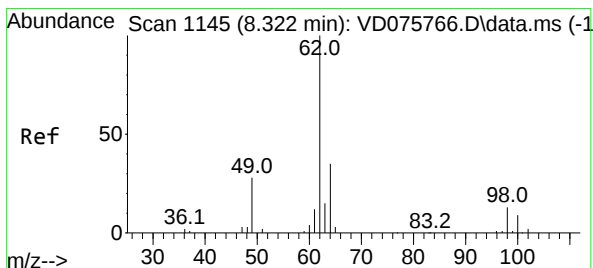
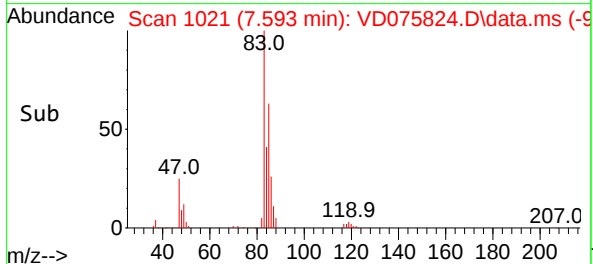
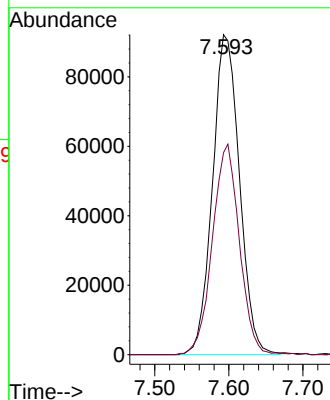
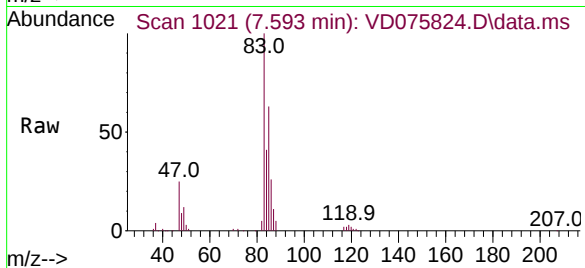
VSTD025132

Tgt Ion: 83 Resp: 233190

Ion Ratio Lower Upper

83 100

85 63.2 44.4 82.5



#27

1,2-Dichloroethane

Concen: 25.963 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075824.D

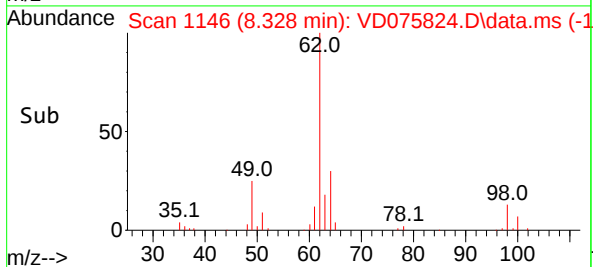
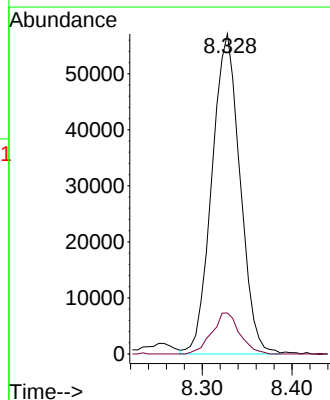
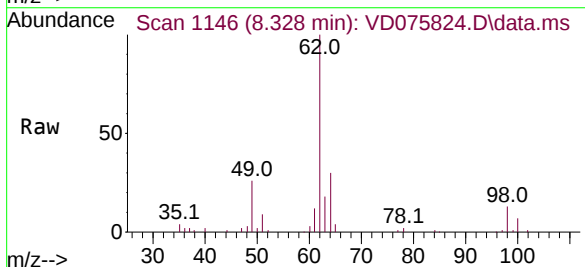
Acq: 26 Apr 2023 09:48

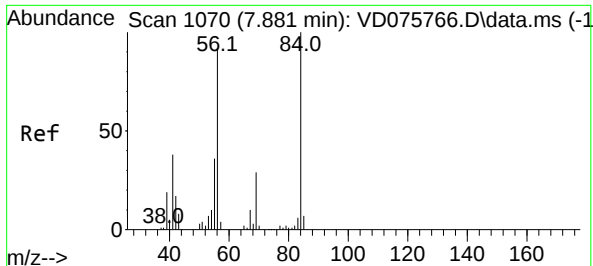
Tgt Ion: 62 Resp: 124514

Ion Ratio Lower Upper

62 100

98 12.8 10.2 15.2





#29

Cyclohexane

Concen: 28.722 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD075824.D

Acq: 26 Apr 2023 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTD025132

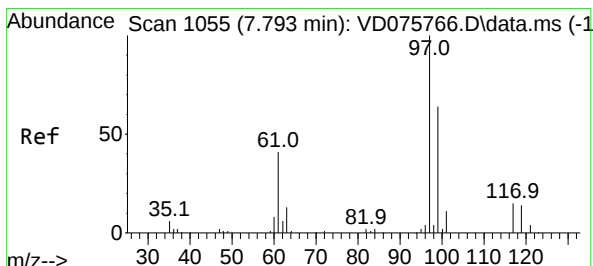
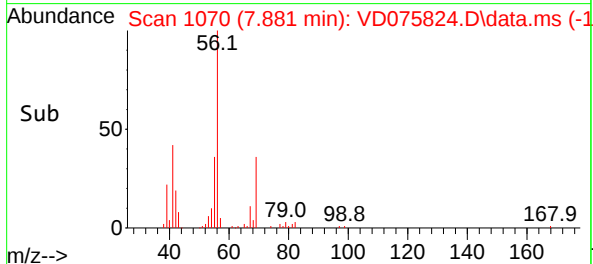
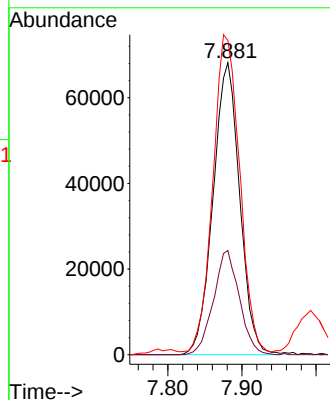
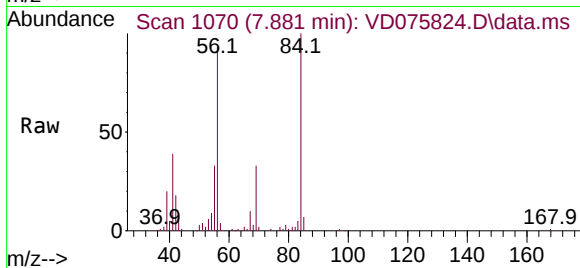
Tgt Ion: 56 Resp: 170160

Ion Ratio Lower Upper

56 100

69 34.7 28.2 42.2

84 111.3 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 26.713 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075824.D

Acq: 26 Apr 2023 09:48

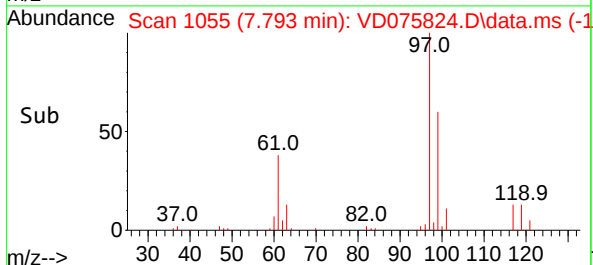
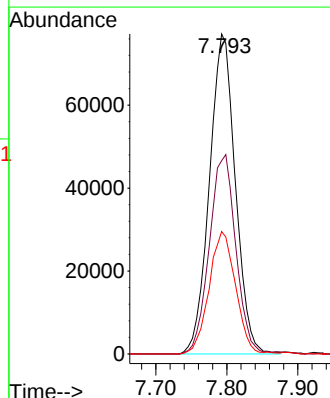
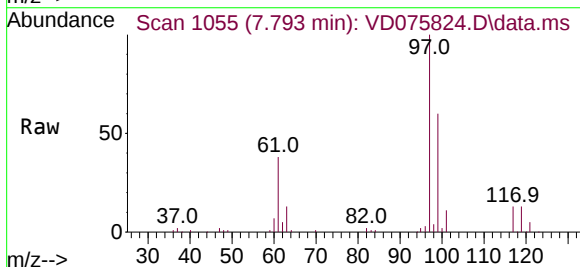
Tgt Ion: 97 Resp: 195595

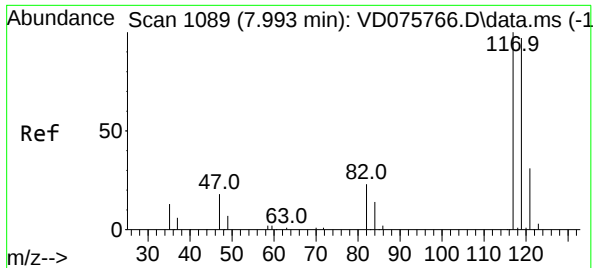
Ion Ratio Lower Upper

97 100

99 63.4 51.5 77.3

61 39.0 32.1 48.1

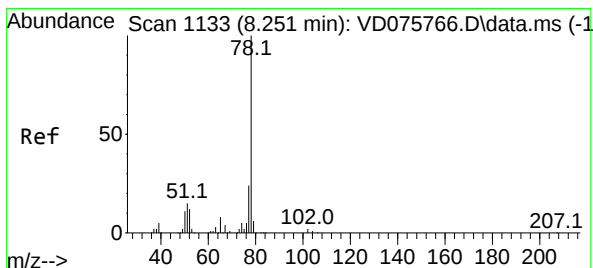
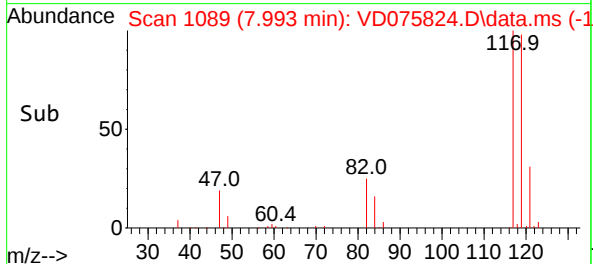
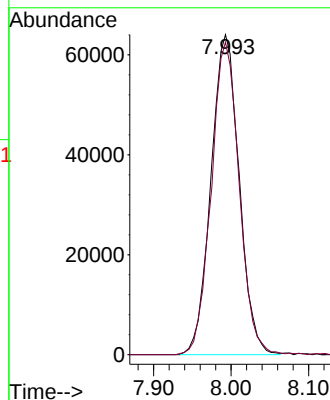
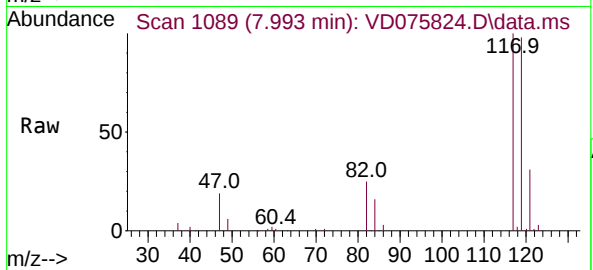




#31
Carbon tetrachloride
Concen: 27.531 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

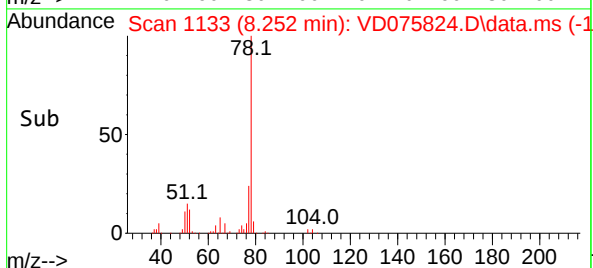
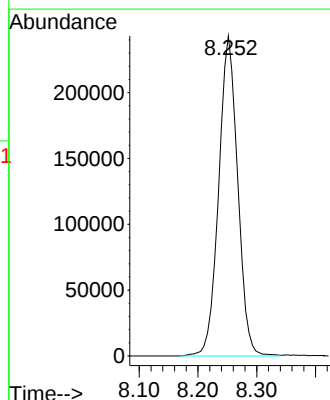
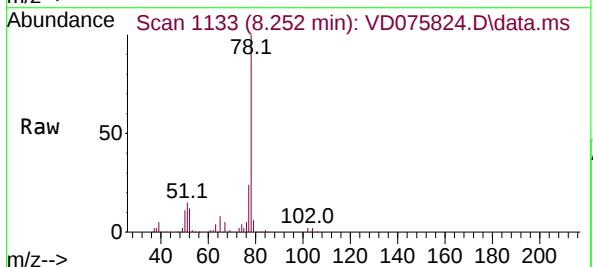
Instrument :
MSVOA_D
ClientSampleId :
VSTD025132

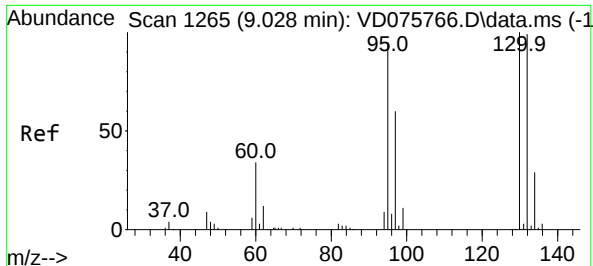
Tgt Ion:117 Resp: 161725
Ion Ratio Lower Upper
117 100
119 96.8 78.2 117.4



#33
Benzene
Concen: 26.037 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

Tgt Ion: 78 Resp: 545039

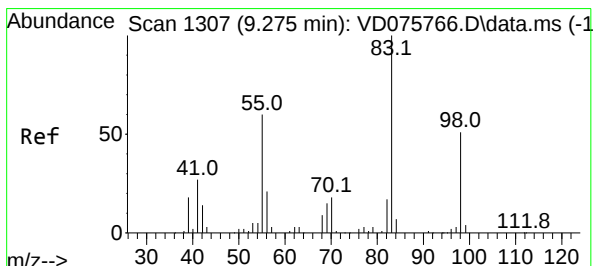
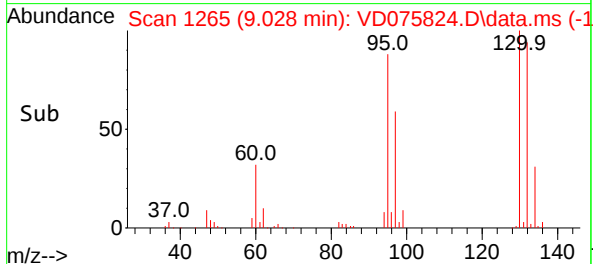
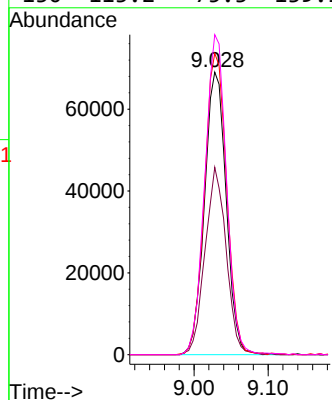
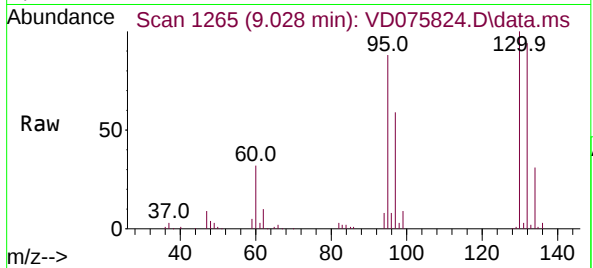




#34
Trichloroethene
Concen: 25.999 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

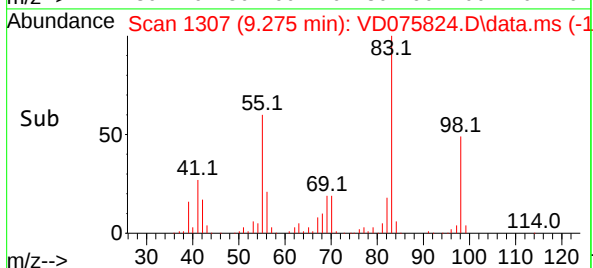
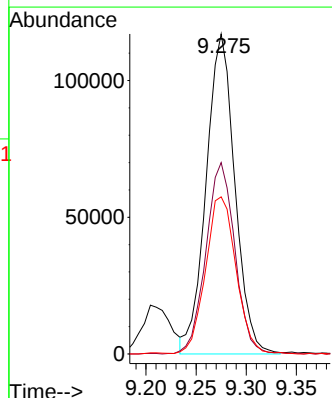
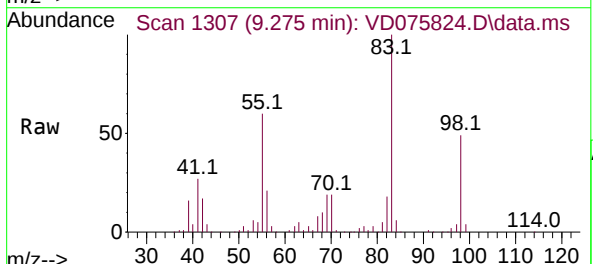
Instrument :
MSVOA_D
ClientSampleId :
VSTD025132

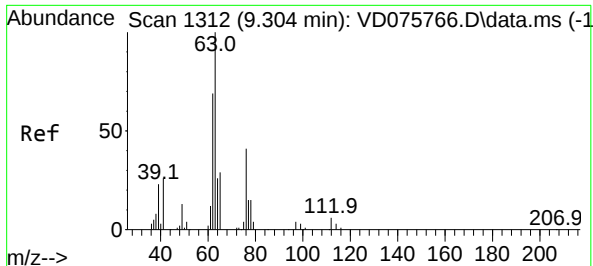
Tgt Ion: 95 Resp: 140745
Ion Ratio Lower Upper
95 100
97 66.3 46.0 85.4
132 106.6 73.3 136.1
130 113.2 75.3 139.9



#35
Methylcyclohexane
Concen: 27.968 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

Tgt Ion: 83 Resp: 233428
Ion Ratio Lower Upper
83 100
55 60.1 48.2 72.2
98 52.2 40.8 61.2





#37

1,2-Dichloropropane

Concen: 26.223 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075824.D

Acq: 26 Apr 2023 09:48

Instrument :

MSVOA_D

ClientSampleId :

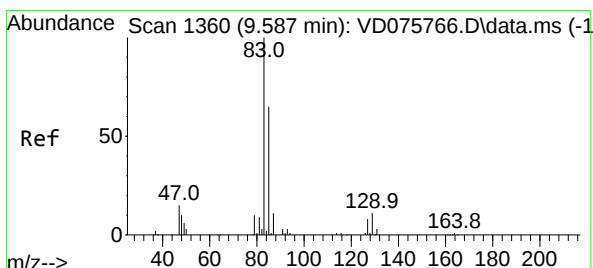
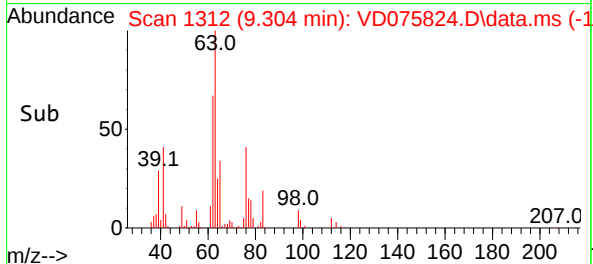
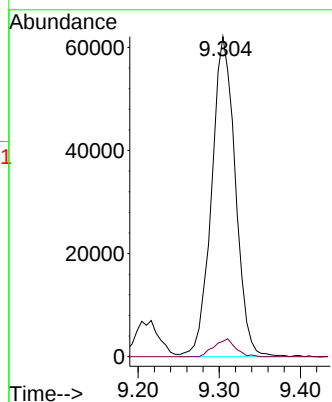
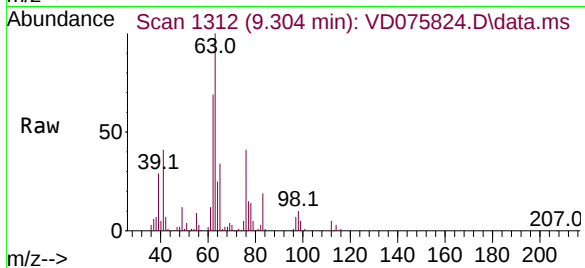
VSTD025132

Tgt Ion: 63 Resp: 126094

Ion Ratio Lower Upper

63 100

112 4.9 4.0 6.0



#38

Bromodichloromethane

Concen: 25.832 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075824.D

Acq: 26 Apr 2023 09:48

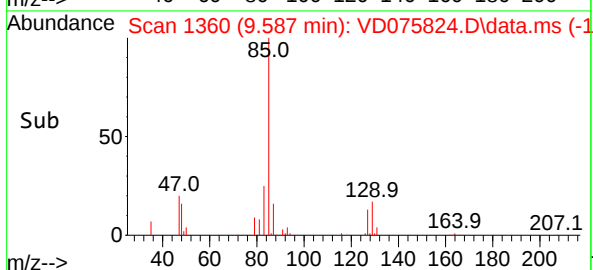
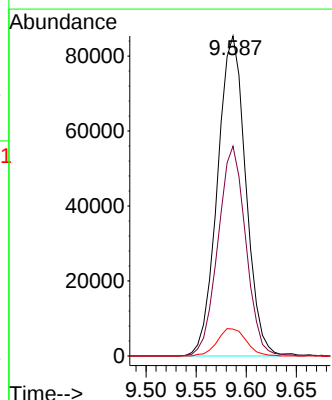
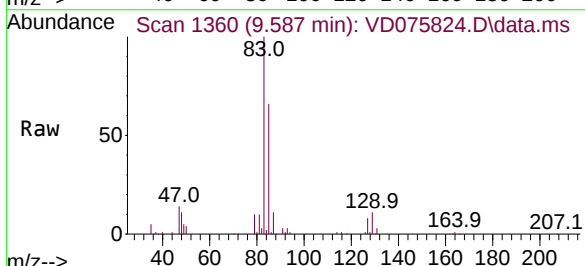
Tgt Ion: 83 Resp: 167487

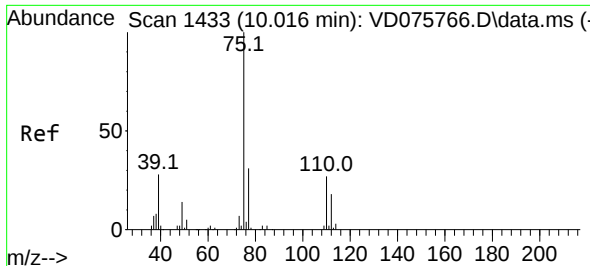
Ion Ratio Lower Upper

83 100

85 65.6 44.2 82.2

127 8.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 26.009 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD075824.D

Acq: 26 Apr 2023 09:48

Instrument :

MSVOA_D

ClientSampleId :

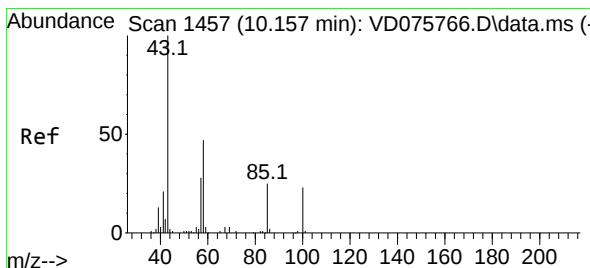
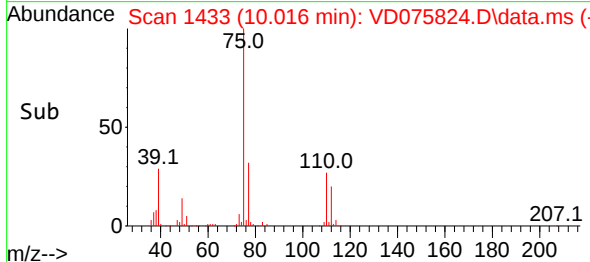
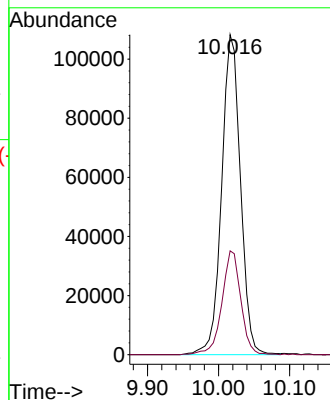
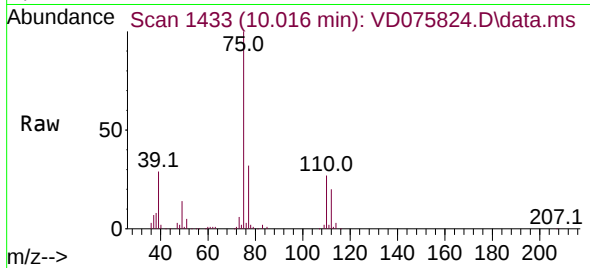
VSTD025132

Tgt Ion: 75 Resp: 198898

Ion Ratio Lower Upper

75 100

77 32.5 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 56.323 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD075824.D

Acq: 26 Apr 2023 09:48

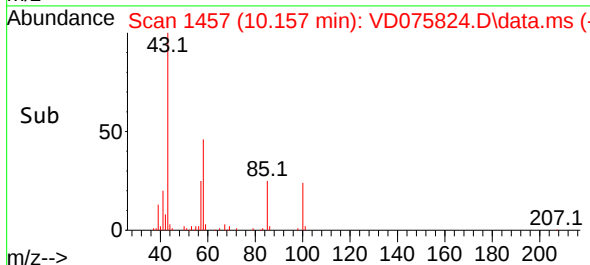
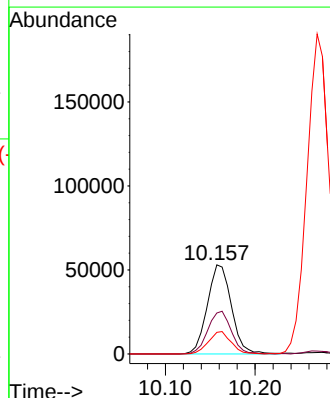
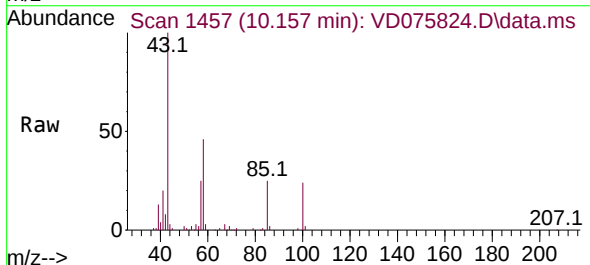
Tgt Ion: 43 Resp: 98744

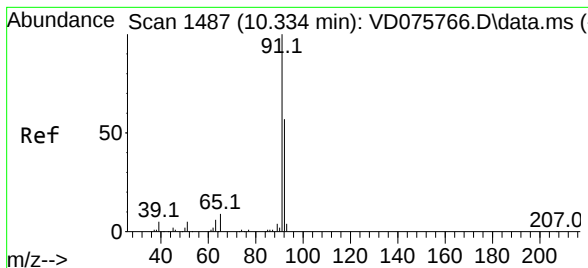
Ion Ratio Lower Upper

43 100

58 46.8 39.1 58.7

100 23.6 19.4 29.0





#42

Toluene

Concen: 26.681 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075824.D

Acq: 26 Apr 2023 09:48

Instrument :

MSVOA_D

ClientSampleId :

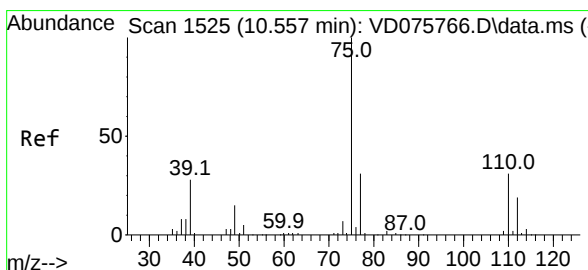
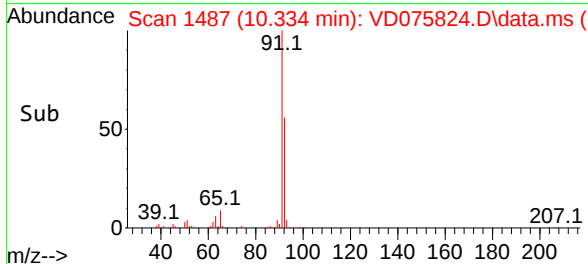
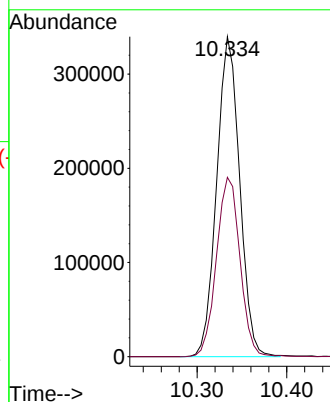
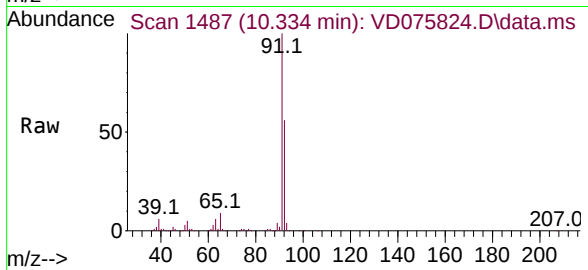
VSTD025132

Tgt Ion: 91 Resp: 604411

Ion Ratio Lower Upper

91 100

92 56.1 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 26.819 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD075824.D

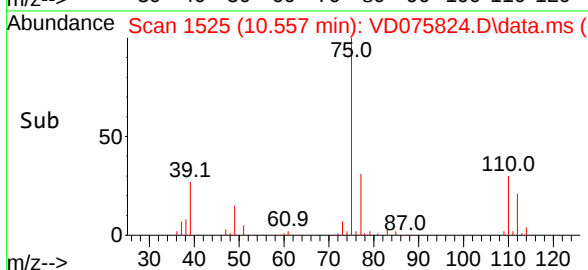
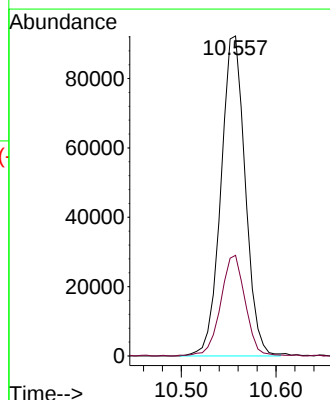
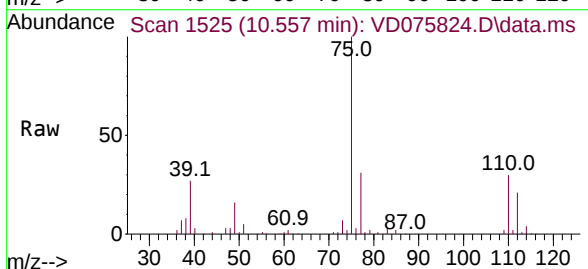
Acq: 26 Apr 2023 09:48

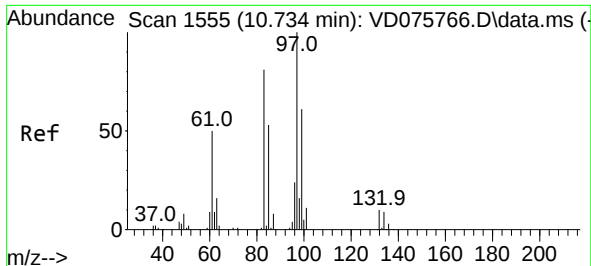
Tgt Ion: 75 Resp: 164760

Ion Ratio Lower Upper

75 100

77 31.4 22.0 41.0

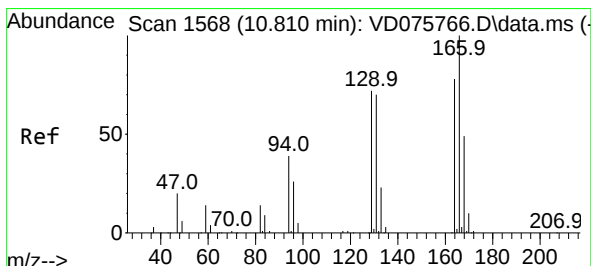
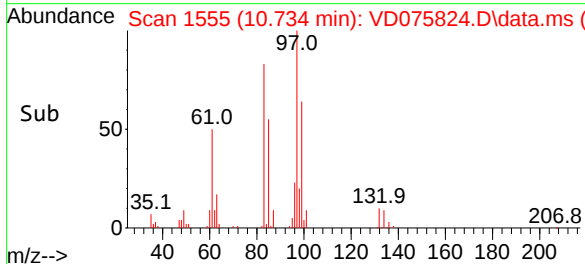
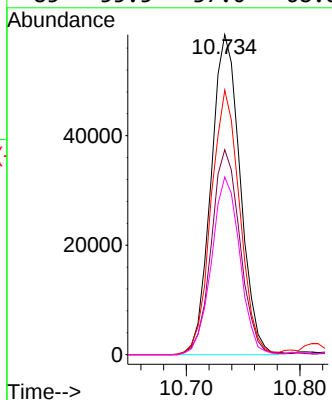
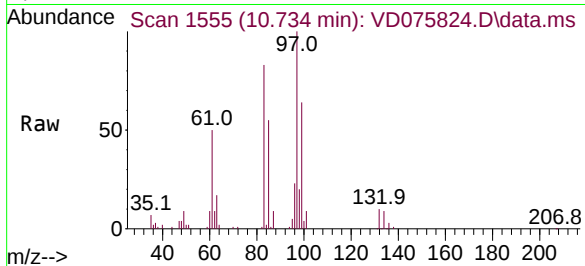




#45
1,1,2-Trichloroethane
Concen: 25.467 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

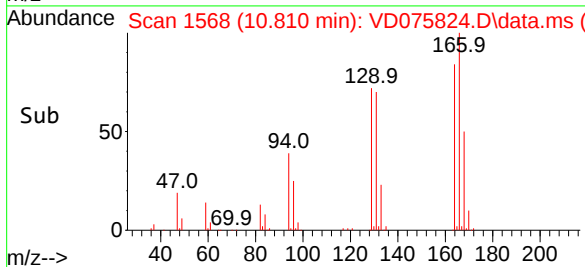
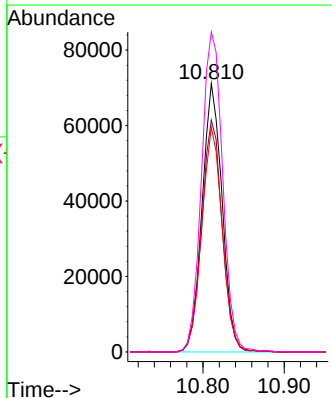
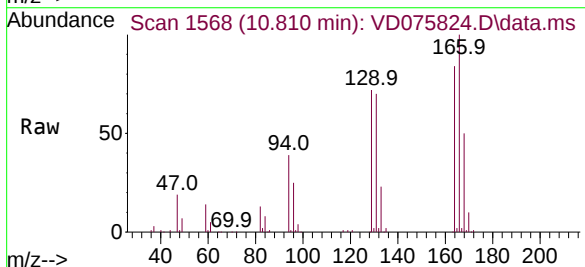
Instrument :
MSVOA_D
ClientSampleId :
VSTD025132

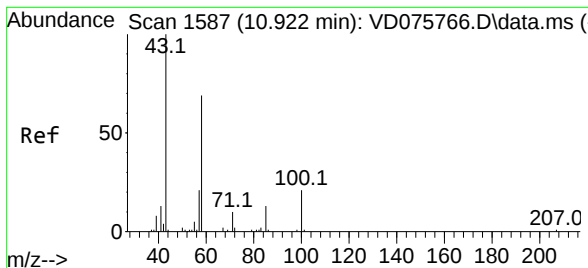
Tgt Ion: 97	Resp: 104181
Ion Ratio	Lower Upper
97 100	
99 64.0	42.2 78.4
83 82.7	54.8 101.8
85 55.5	37.0 68.8



#46
Tetrachloroethene
Concen: 27.444 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

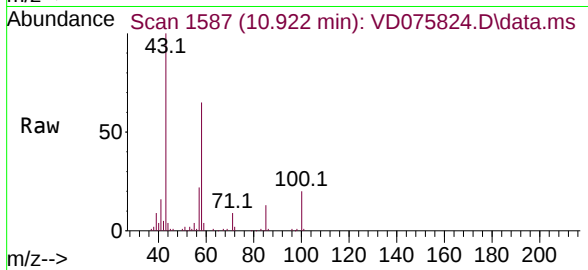
Tgt	Ion:164	Resp:	121857
Ion	Ratio	Lower	Upper
164	100		
129	86.4	60.3	112.1
131	83.7	58.9	109.3
166	119.2	83.0	154.1



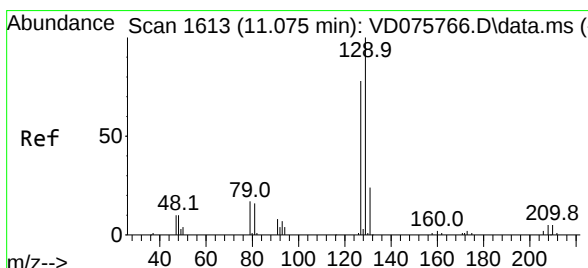
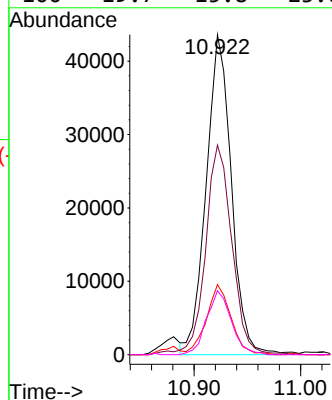
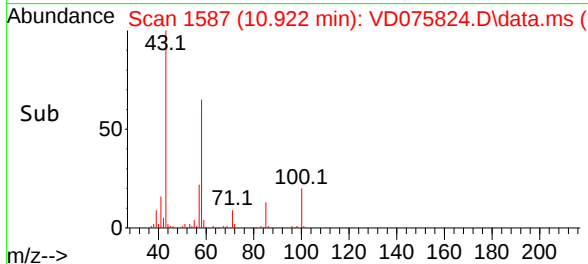


#48
2-Hexanone
Concen: 57.954 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

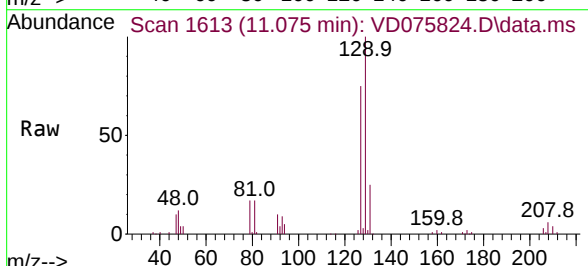
Instrument :
MSVOA_D
ClientSampleId :
VSTD025132



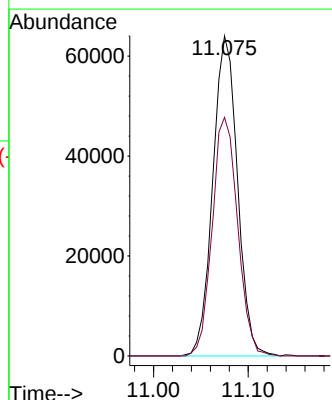
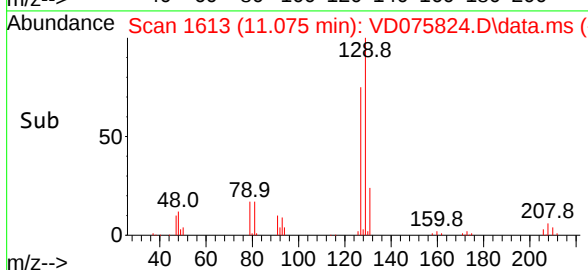
Tgt Ion: 43 Resp: 71629
Ion Ratio Lower Upper
43 100
58 67.8 59.7 89.5
57 20.2 17.9 26.9
100 19.7 15.8 23.6

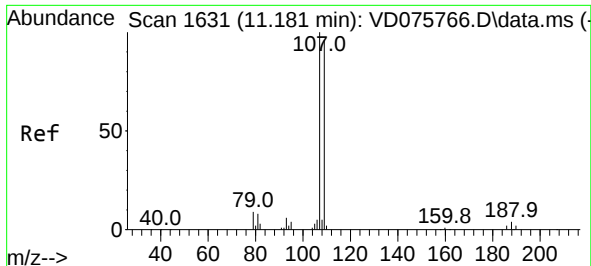


#49
Dibromochloromethane
Concen: 26.029 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48



Tgt Ion: 129 Resp: 115920
Ion Ratio Lower Upper
129 100
127 74.6 55.6 103.4

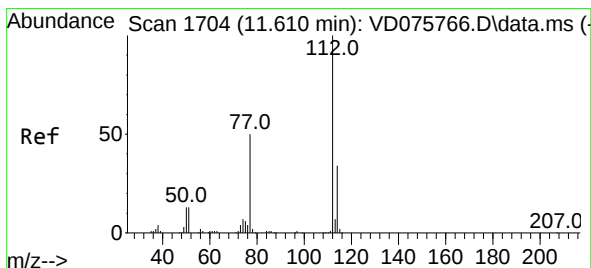
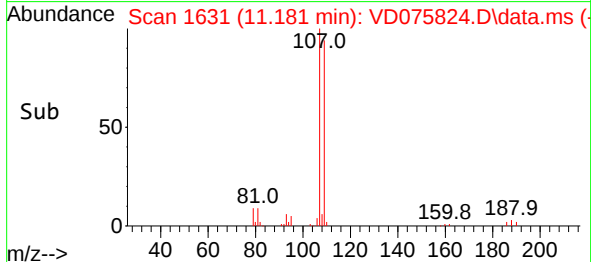
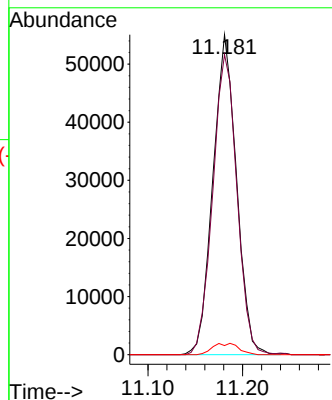
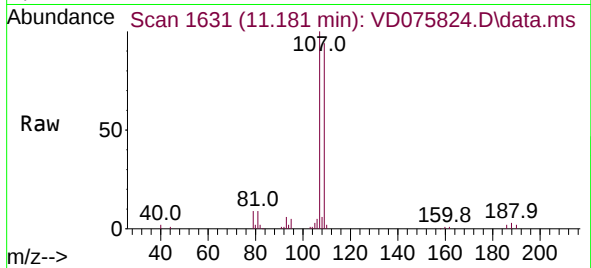




#50
1,2-Dibromoethane
Concen: 25.836 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

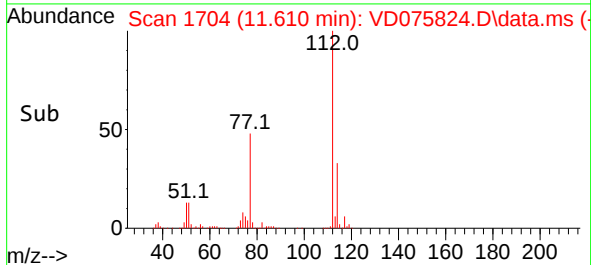
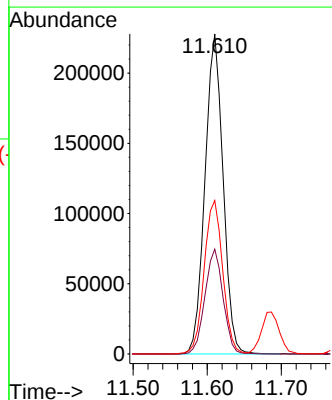
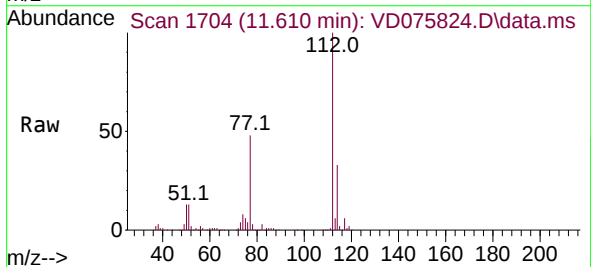
Instrument :
MSVOA_D
ClientSampleId :
VSTD025132

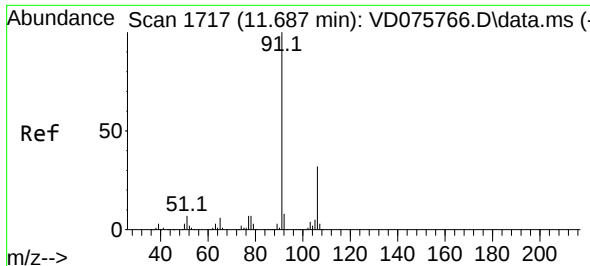
Tgt Ion:107 Resp: 95287
Ion Ratio Lower Upper
107 100
109 93.8 67.6 125.6
188 2.9 3.0 4.6#



#51
Chlorobenzene
Concen: 26.063 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

Tgt Ion:112 Resp: 386249
Ion Ratio Lower Upper
112 100
114 32.7 23.0 42.8
77 47.9 39.7 59.5

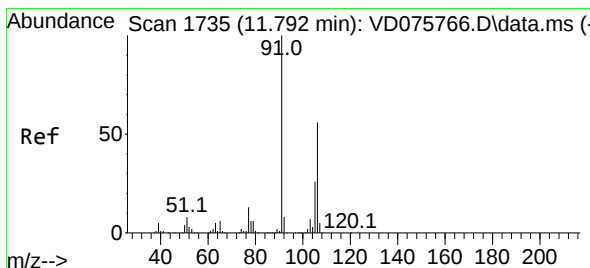
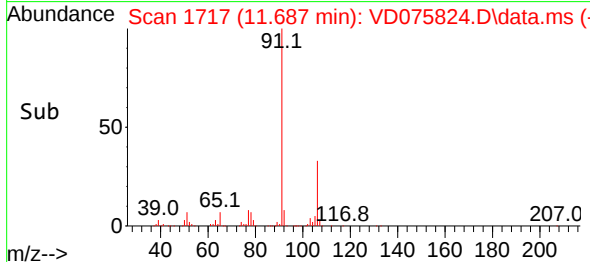
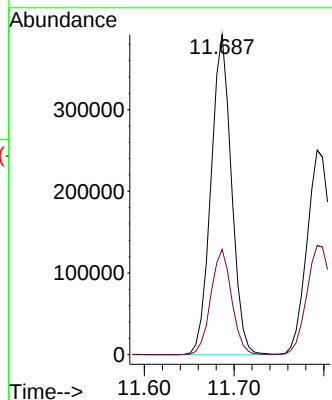
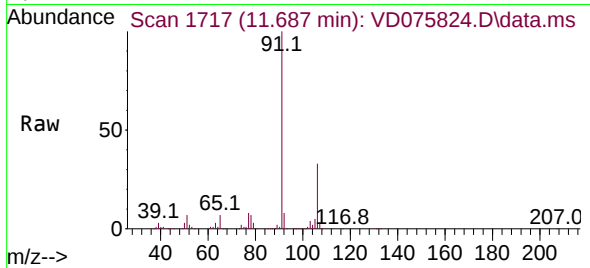




#52
Ethylbenzene
Concen: 26.739 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

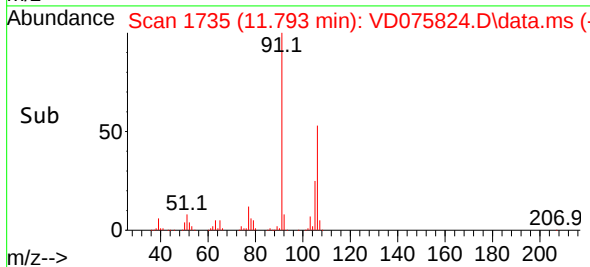
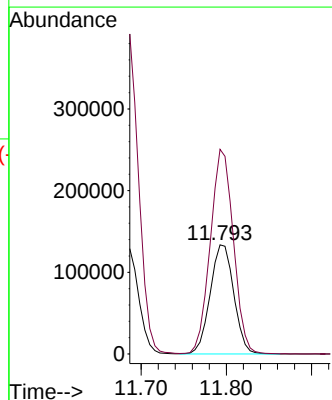
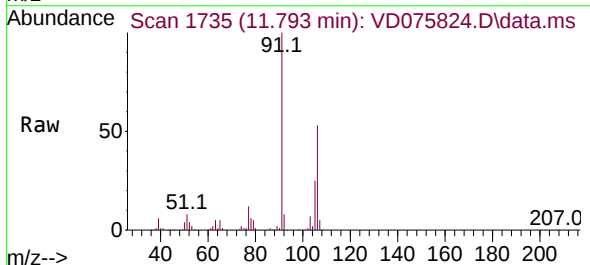
Instrument :
MSVOA_D
ClientSampleId :
VSTD025132

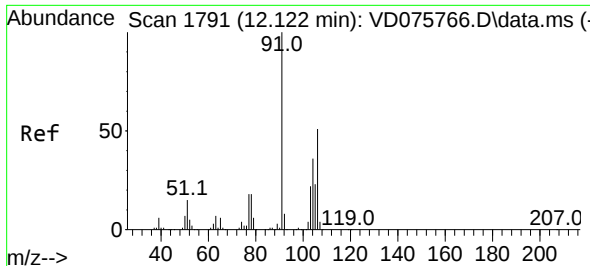
Tgt Ion: 91 Resp: 621129
Ion Ratio Lower Upper
91 100
106 32.9 23.7 43.9



#53
m,p-Xylene
Concen: 27.782 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

Tgt Ion:106 Resp: 256974
Ion Ratio Lower Upper
106 100
91 187.6 130.9 243.1

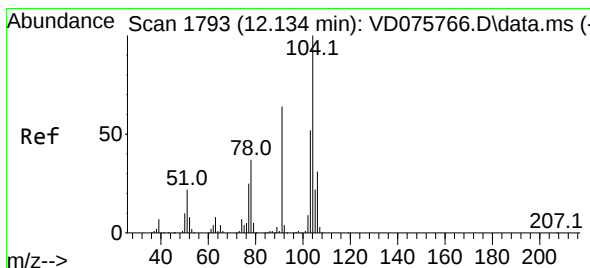
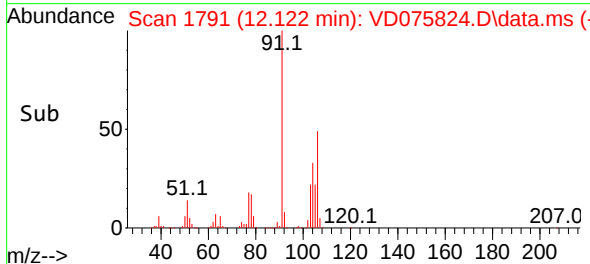
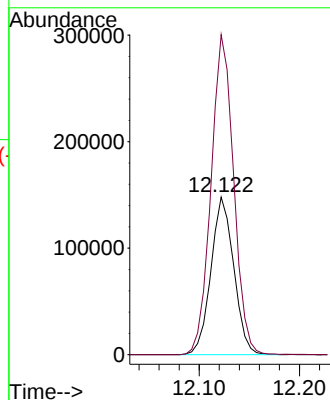
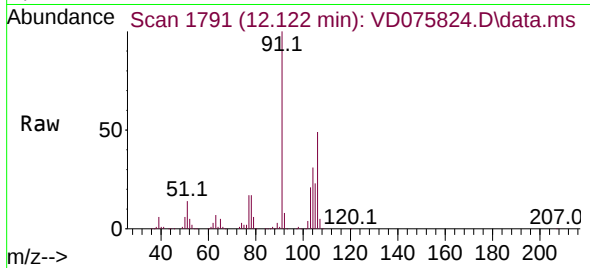




#54
o-Xylene
Concen: 26.637 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

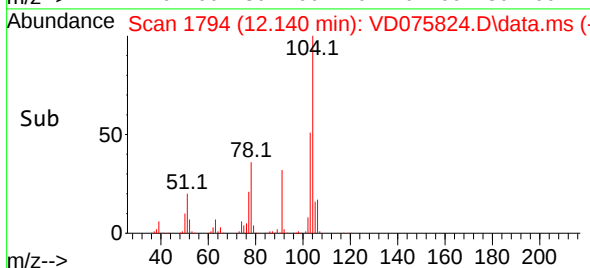
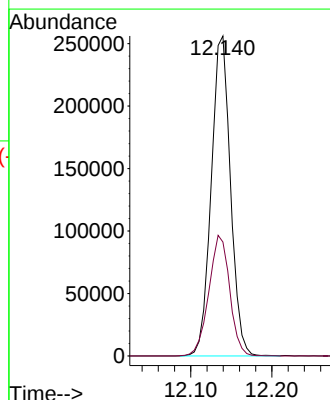
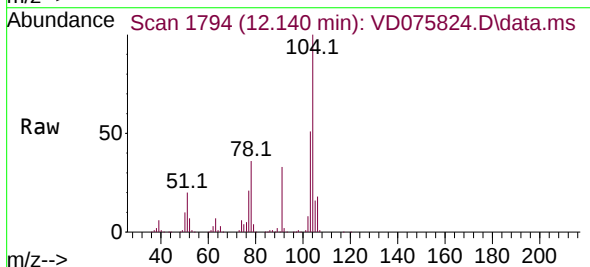
Instrument :
MSVOA_D
ClientSampleId :
VSTD025132

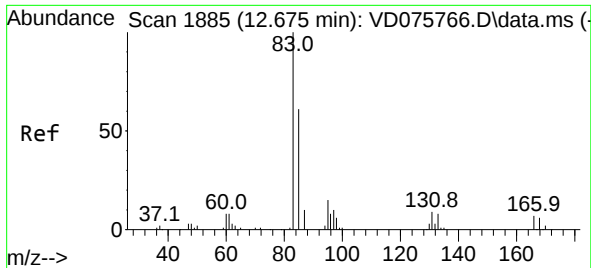
Tgt Ion:106 Resp: 234016
Ion Ratio Lower Upper
106 100
91 203.0 139.8 259.6



#55
Styrene
Concen: 27.561 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

Tgt Ion:104 Resp: 421434
Ion Ratio Lower Upper
104 100
78 35.6 26.2 48.6

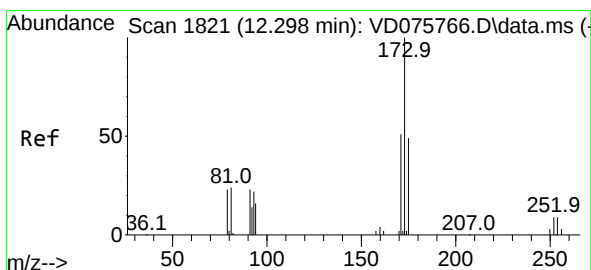
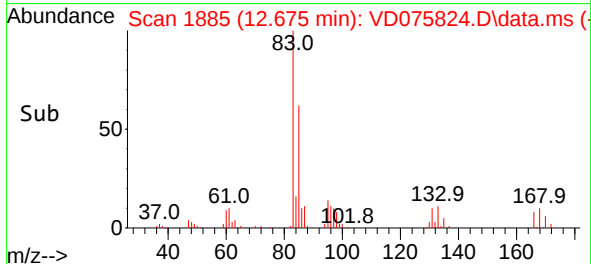
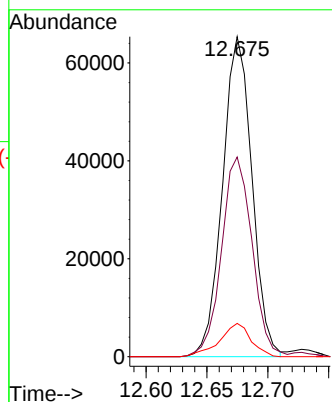
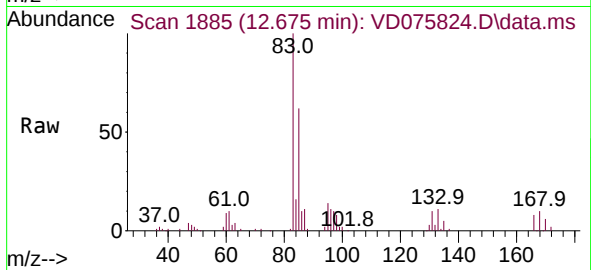




#57
1,1,2,2-Tetrachloroethane
Concen: 26.443 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

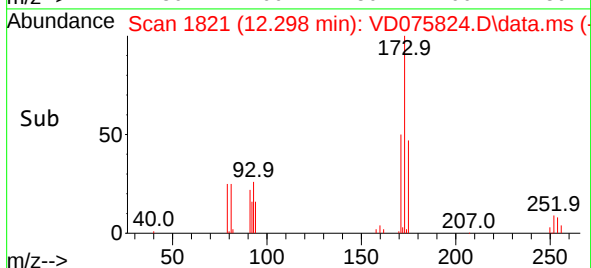
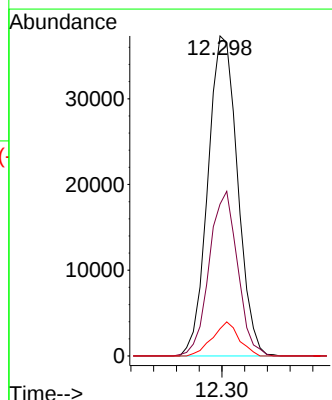
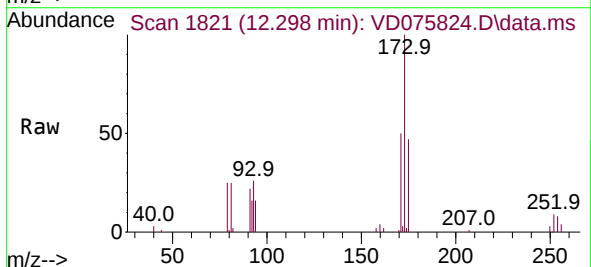
Instrument :
MSVOA_D
ClientSampleId :
VSTD025132

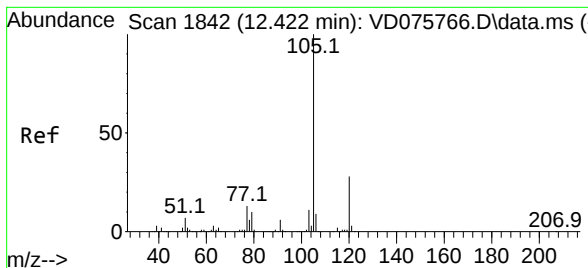
Tgt Ion: 83 Resp: 110066
Ion Ratio Lower Upper
83 100
85 62.4 45.1 83.7
131 10.4 7.0 10.6



#59
Bromoform
Concen: 25.744 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

Tgt Ion:173 Resp: 67753
Ion Ratio Lower Upper
173 100
175 49.0 39.4 59.0
254 9.5 7.4 11.2





#60

Isopropylbenzene

Concen: 26.570 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD075824.D

Acq: 26 Apr 2023 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTD025132

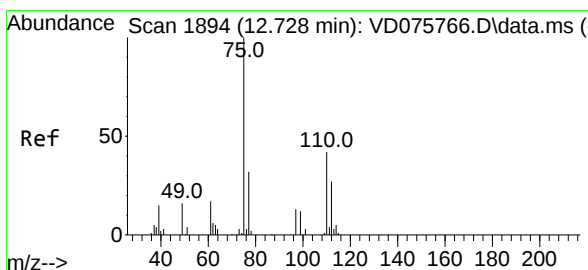
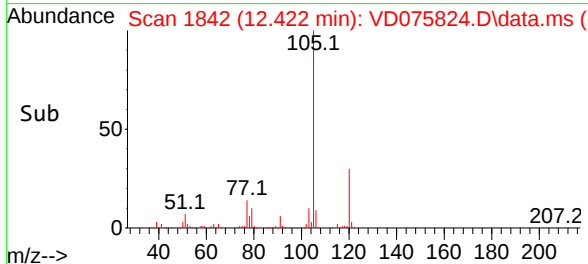
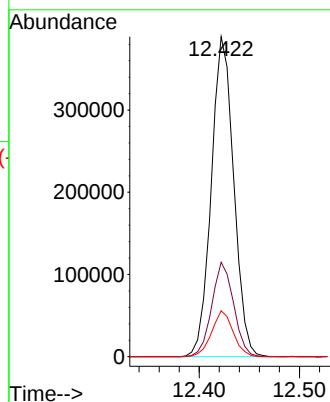
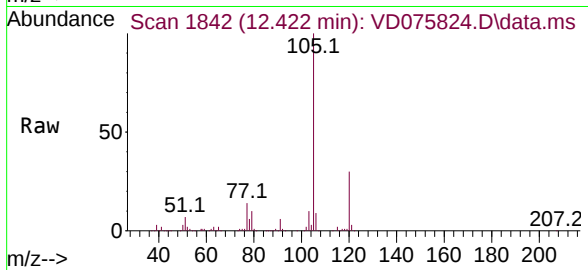
Tgt Ion:105 Resp: 605000

Ion Ratio Lower Upper

105 100

120 28.8 22.7 34.1

77 13.8 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 25.401 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD075824.D

Acq: 26 Apr 2023 09:48

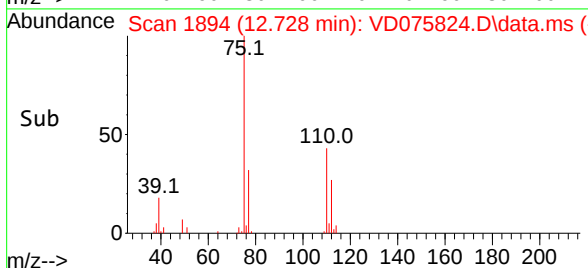
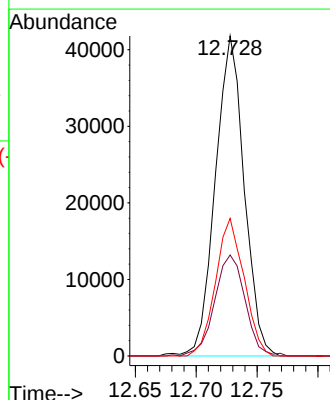
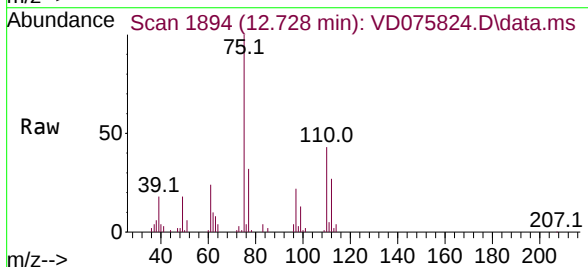
Tgt Ion: 75 Resp: 68520

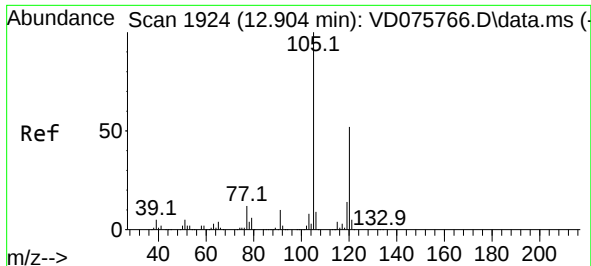
Ion Ratio Lower Upper

75 100

77 33.4 26.6 39.8

110 42.7 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 27.609 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075824.D

Acq: 26 Apr 2023 09:48

Instrument :

MSVOA_D

ClientSampleId :

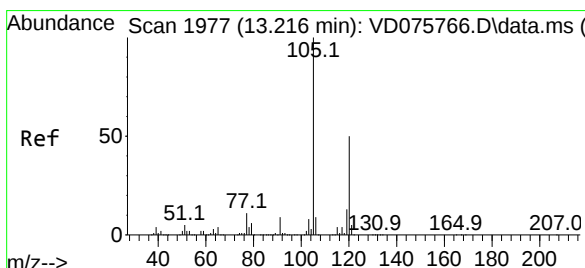
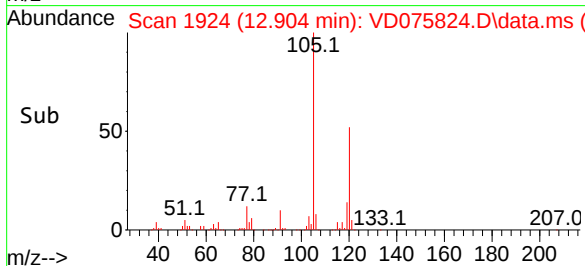
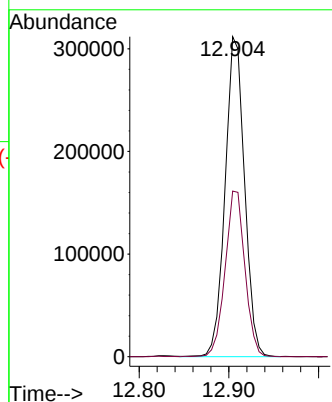
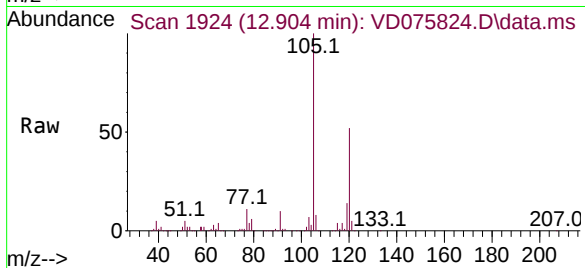
VSTD025132

Tgt Ion:105 Resp: 468780

Ion Ratio Lower Upper

105 100

120 52.7 42.0 63.0



#63

1,2,4-Trimethylbenzene

Concen: 27.418 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075824.D

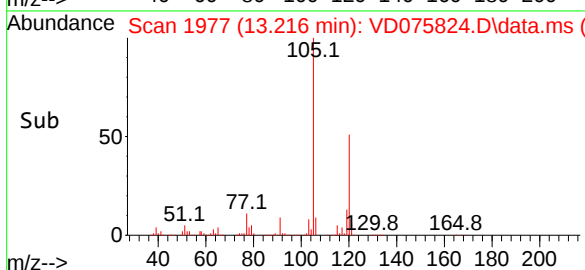
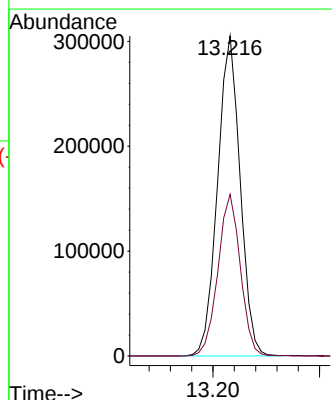
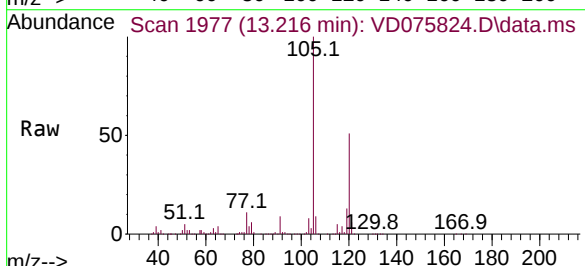
Acq: 26 Apr 2023 09:48

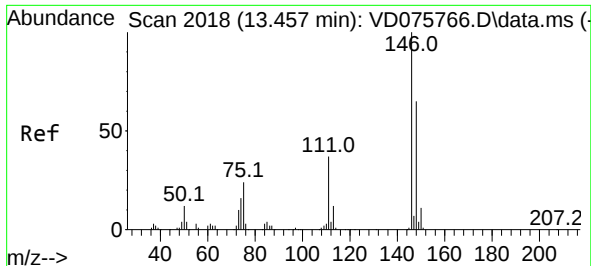
Tgt Ion:105 Resp: 448756

Ion Ratio Lower Upper

105 100

120 50.0 39.0 58.6

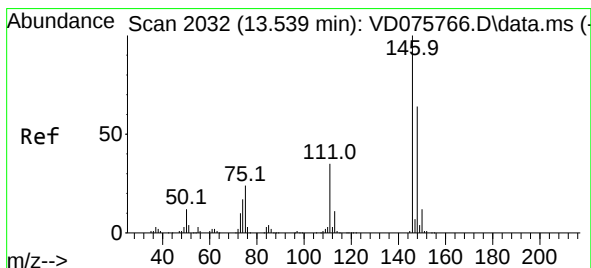
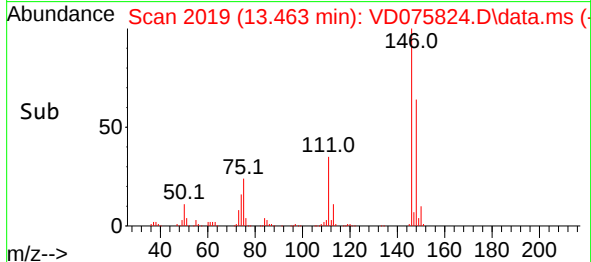
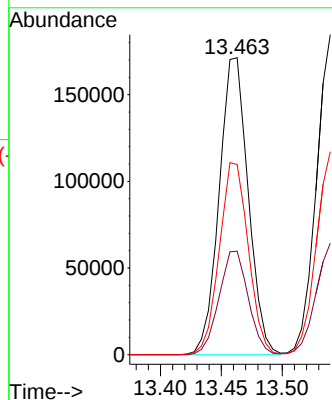
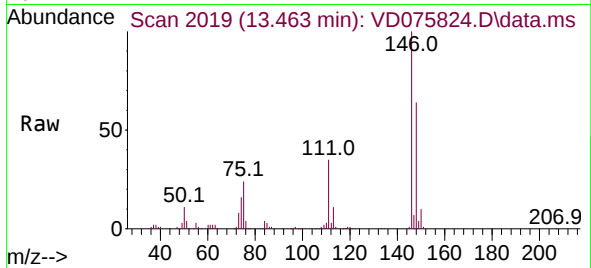




#64
1,3-Dichlorobenzene
Concen: 26.132 ug/L
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

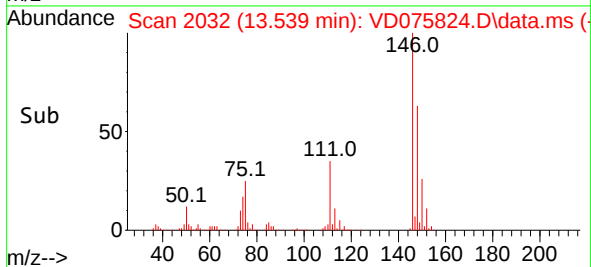
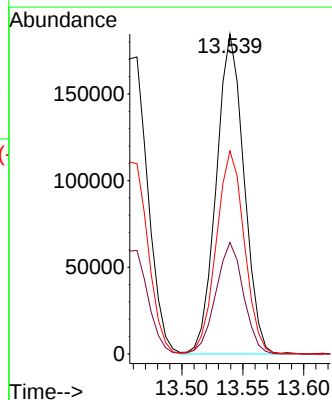
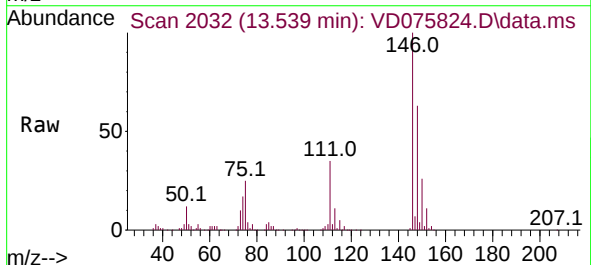
Instrument :
MSVOA_D
ClientSampleId :
VSTD025132

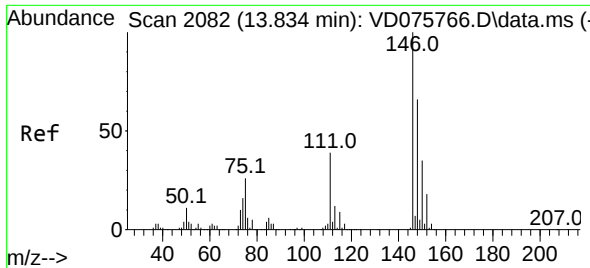
Tgt Ion:146 Resp: 284705
Ion Ratio Lower Upper
146 100
111 34.8 26.5 49.1
148 64.0 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 25.590 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

Tgt Ion:146 Resp: 292603
Ion Ratio Lower Upper
146 100
111 34.9 24.6 45.8
148 63.4 44.4 82.4

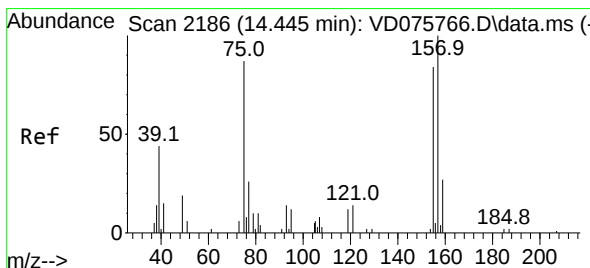
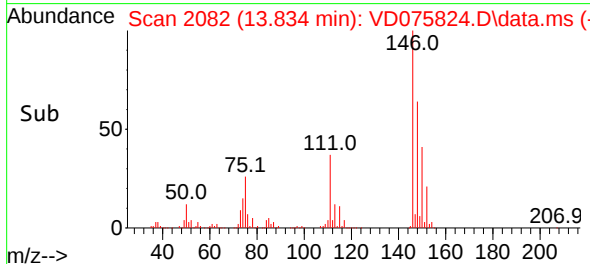
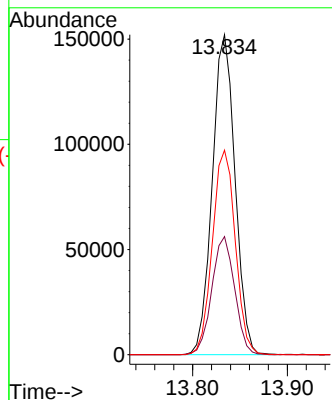
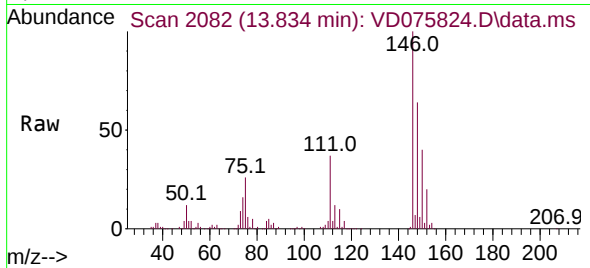




#67
1,2-Dichlorobenzene
Concen: 26.146 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

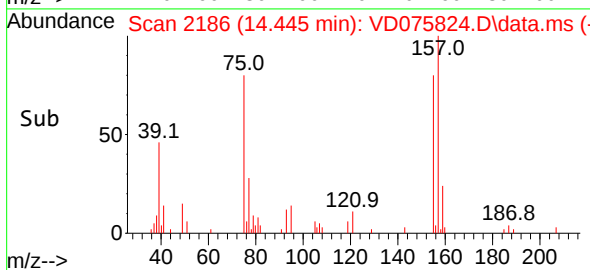
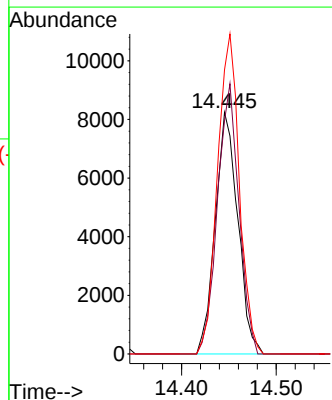
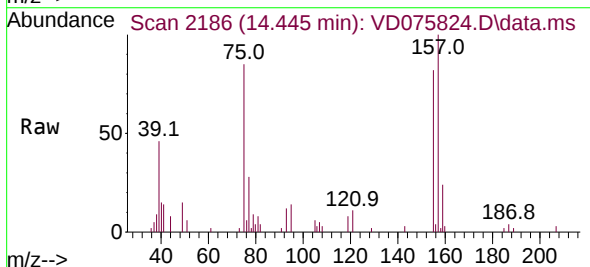
Instrument :
MSVOA_D
ClientSampleId :
VSTD025132

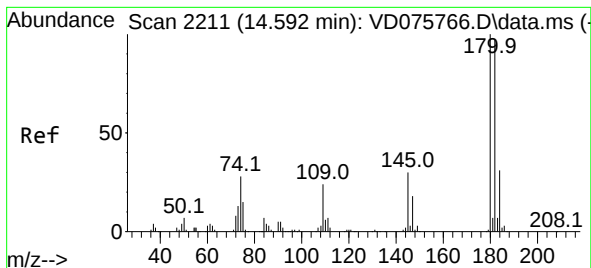
Tgt Ion:146 Resp: 254378
Ion Ratio Lower Upper
146 100
111 36.9 30.6 46.0
148 63.9 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 25.388 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD075824.D
Acq: 26 Apr 2023 09:48

Tgt Ion: 75 Resp: 13691
Ion Ratio Lower Upper
75 100
155 96.6 74.6 111.8
157 117.6 109.4 164.2





#69

1,3,5-Trichlorobenzene

Concen: 23.955 ug/L

RT: 14.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075824.D

Acq: 26 Apr 2023 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTD025132

Tgt Ion:180 Resp: 174929

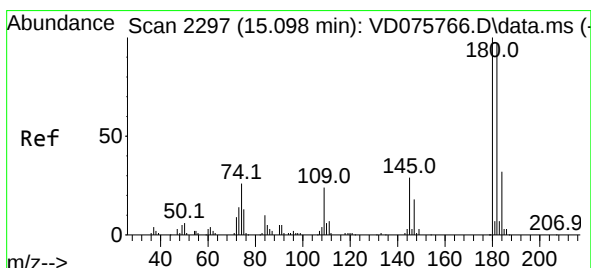
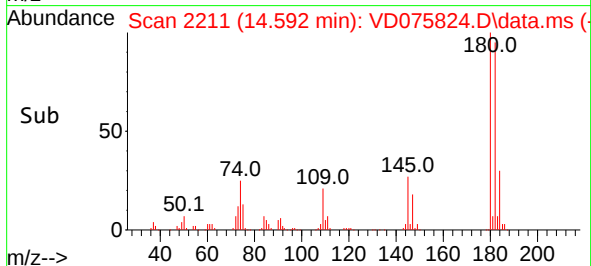
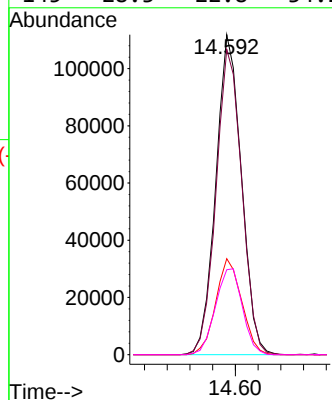
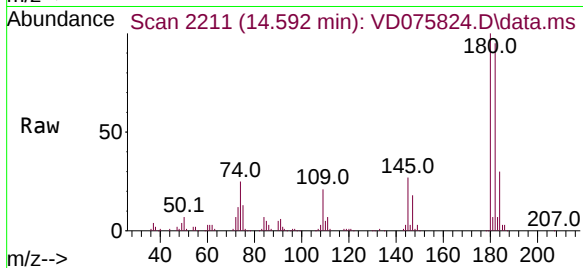
Ion Ratio Lower Upper

180 100

182 95.9 74.9 112.3

184 30.5 25.0 37.4

145 28.3 22.8 34.2



#70

1,2,4-trichlorobenzene

Concen: 23.510 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075824.D

Acq: 26 Apr 2023 09:48

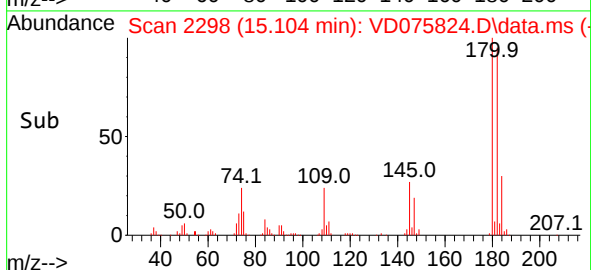
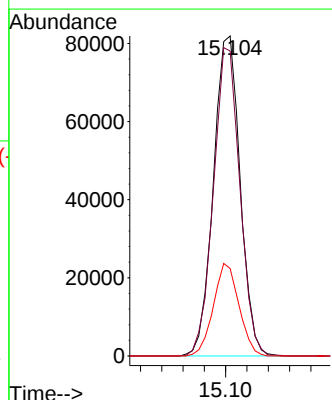
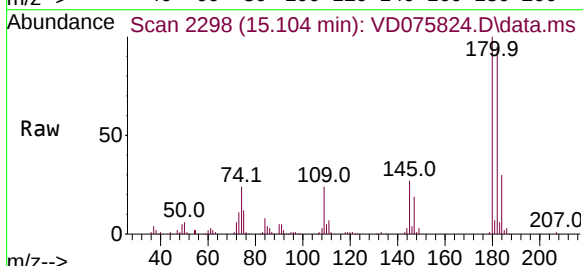
Tgt Ion:180 Resp: 142268

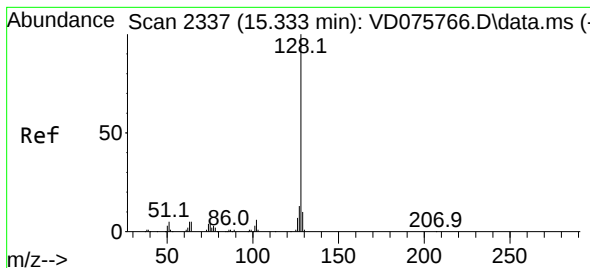
Ion Ratio Lower Upper

180 100

182 95.4 75.4 113.2

145 27.7 23.6 35.4





#71

Naphthalene

Concen: 24.539 ug/L

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075824.D

Acq: 26 Apr 2023 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTD025132

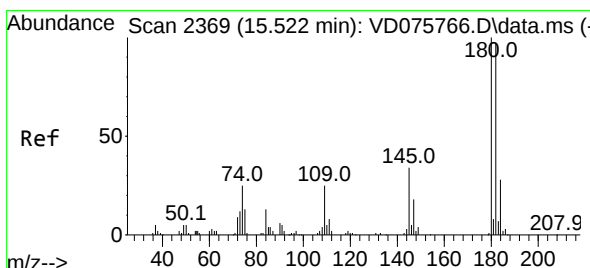
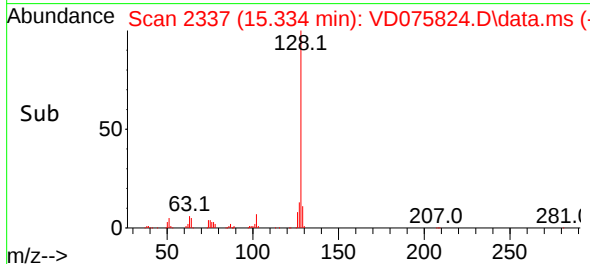
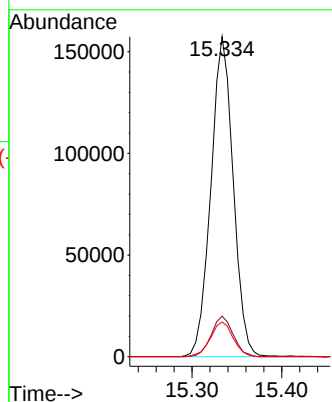
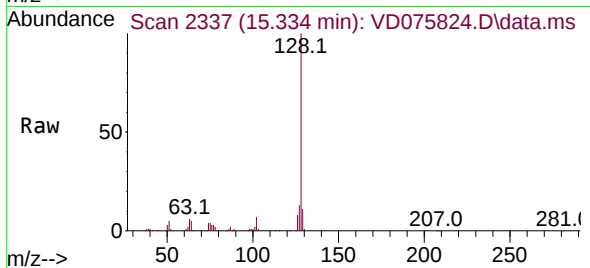
Tgt Ion:128 Resp: 271745

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 10.9 9.1 13.7



#72

1,2,3-Trichlorobenzene

Concen: 24.216 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD075824.D

Acq: 26 Apr 2023 09:48

Tgt Ion:180 Resp: 130811

Ion Ratio Lower Upper

180 100

182 95.7 76.3 114.5

145 30.4 25.0 37.6

