

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080323\
 Data File : VD076912.D
 Acq On : 03 Aug 2023 10:33
 Operator : KP/SY
 Sample : VSTD00559
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD005159

Quant Time: Aug 04 01:41:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 04 01:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	270791	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	272885	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	134557	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	44503	6.891	ug/L	0.00
7) Chloroethane-d5	2.793	69	40469	7.467	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	10249	6.089	ug/L	0.00
21) 2-Butanone-d5	6.993	46	12638	12.393	ug/L	0.00
24) Chloroform-d	7.563	84	46848	6.474	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	23826	6.667	ug/L	0.00
32) Benzene-d6	8.204	84	93235	5.709	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	28374	5.467	ug/L	0.00
41) Toluene-d8	10.269	98	81881	5.390	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	11932	5.479	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	9577	11.203	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	25815	6.539	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	25336	5.229	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	25794	6.168	ug/L	100
3) Chloromethane	2.146	50	31884	4.720	ug/L	98
5) Vinyl chloride	2.281	62	42951	5.636	ug/L	91
6) Bromomethane	2.681	94	32276	7.139	ug/L	98
8) Chloroethane	2.834	64	30501	6.388	ug/L	98
9) Trichlorofluoromethane	3.175	101	35757	6.230	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	22294	5.977	ug/L	96
12) 1,1-Dichloroethene	3.940	96	20177	5.629	ug/L	83
13) Acetone	4.016	43	10553	11.577	ug/L	72
14) Carbon disulfide	4.263	76	71360	5.511	ug/L	96
15) Methyl Acetate	4.563	43	8634	4.641	ug/L #	90
16) Methylene chloride	4.793	84	32999	6.838	ug/L #	72
17) trans-1,2-Dichloroethene	5.311	96	14898	3.693	ug/L	80
18) Methyl tert-butyl Ether	5.316	73	49795	5.444	ug/L #	83
19) 1,1-Dichloroethane	6.110	63	40248	5.583	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	24910	5.548	ug/L	98
22) 2-Butanone	7.075	43	17147	12.384	ug/L	82
23) Bromochloromethane	7.422	128	13268	6.807	ug/L	78
25) Chloroform	7.599	83	42958	5.950	ug/L	100
27) 1,2-Dichloroethane	8.322	62	27140	6.104	ug/L #	92
29) Cyclohexane	7.875	56	28765	4.080	ug/L #	85
30) 1,1,1-Trichloroethane	7.793	97	35649	5.568	ug/L	97
31) Carbon tetrachloride	7.993	117	26698	5.156	ug/L	98
33) Benzene	8.252	78	93437	5.188	ug/L	100
34) Trichloroethene	9.028	95	23650	5.123	ug/L	92
35) Methylcyclohexane	9.269	83	35610	4.726	ug/L	96
37) 1,2-Dichloropropane	9.304	63	22939	4.698	ug/L	100
38) Bromodichloromethane	9.587	83	33566	5.890	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	35681	4.755	ug/L	97
40) 4-Methyl-2-pentanone	10.163	43	29060	9.618	ug/L #	93
42) Toluene	10.334	91	95273	4.918	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	32823	5.328	ug/L	91

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

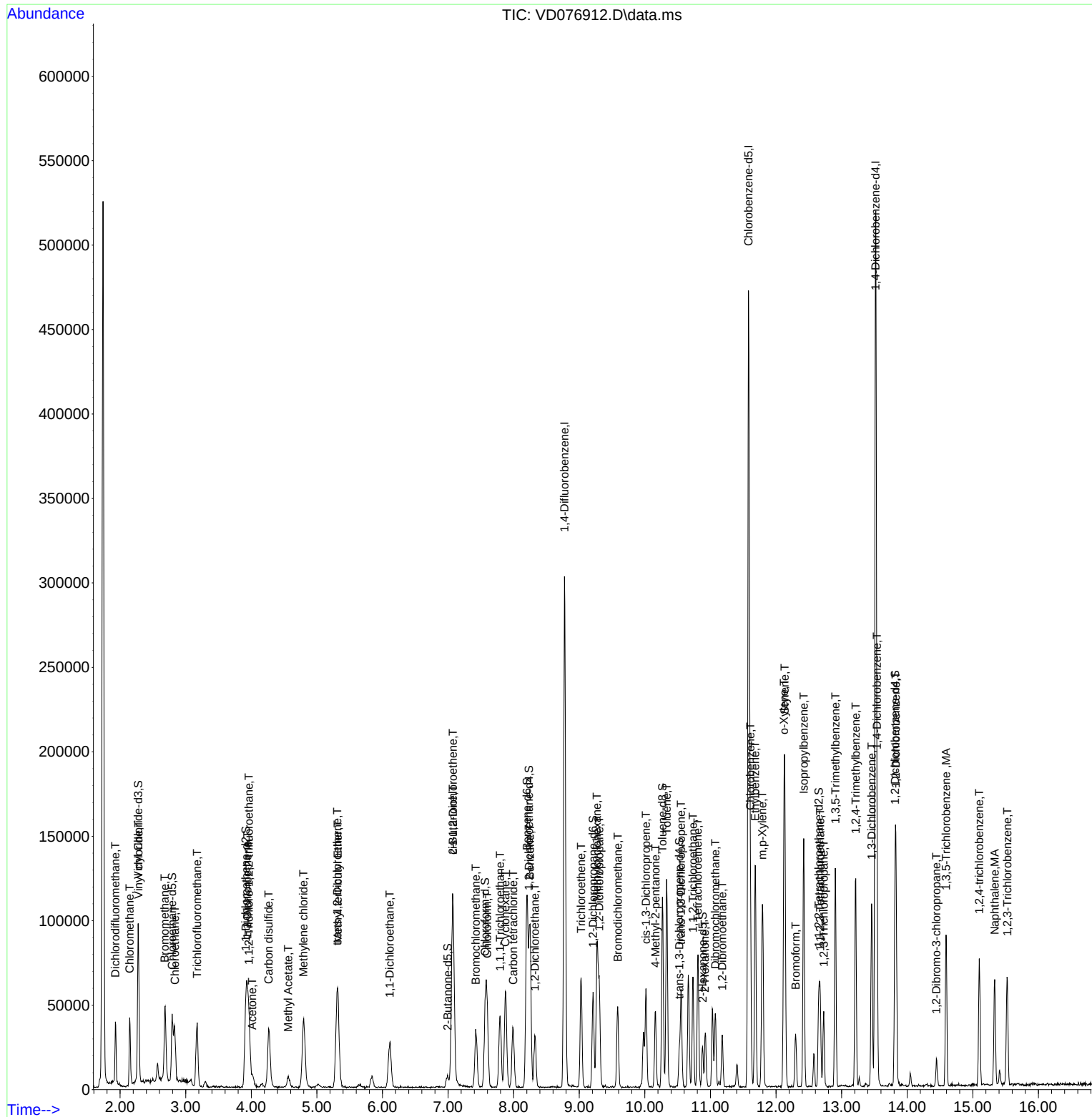
45) 1,1,2-Trichloroethane	10.734	97	21378	6.086	ug/L	93
46) Tetrachloroethene	10.804	164	17449	4.775	ug/L	90
48) 2-Hexanone	10.916	43	20569	9.659	ug/L #	95
49) Dibromochloromethane	11.075	129	23244	5.901	ug/L	98
50) 1,2-Dibromoethane	11.181	107	19456	5.711	ug/L	86
51) Chlorobenzene	11.610	112	64508	5.330	ug/L	97
52) Ethylbenzene	11.681	91	98376	4.713	ug/L	96
53) m,p-Xylene	11.793	106	37677	4.603	ug/L	89
54) o-Xylene	12.122	106	35564	4.564	ug/L	90
55) Styrene	12.134	104	64942	4.766	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.675	83	25634	6.265	ug/L	99
59) Bromoform	12.298	173	13873	5.654	ug/L	98
60) Isopropylbenzene	12.422	105	93636	4.582	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	17010	6.275	ug/L	95
62) 1,3,5-Trimethylbenzene	12.904	105	69346	4.284	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	69310	4.309	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	45476	5.019	ug/L	94
65) 1,4-Dichlorobenzene	13.539	146	46984	5.097	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	42368	5.186	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	3828	6.407	ug/L #	71
69) 1,3,5-Trichlorobenzene	14.592	180	27587	4.601	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	22845	4.288	ug/L	98
71) Naphthalene	15.334	128	53590	5.043	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	22243	4.751	ug/L	96

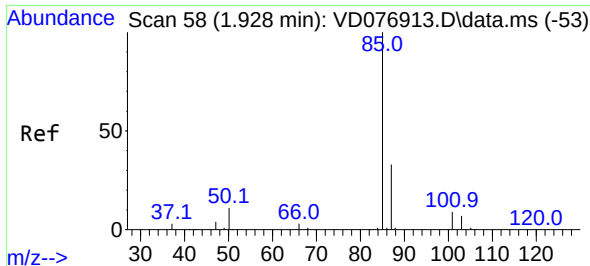
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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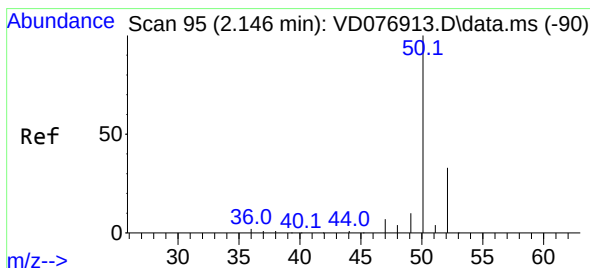
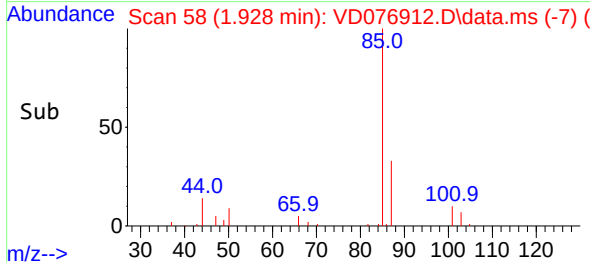
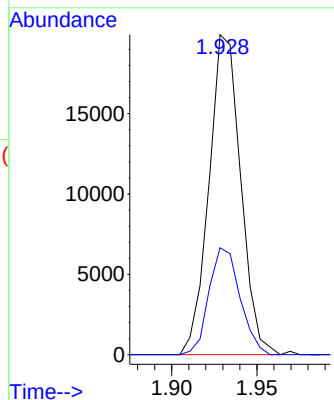
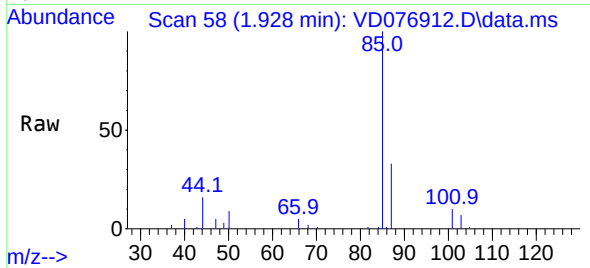




#2
Dichlorodifluoromethane
Concen: 6.168 ug/L
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

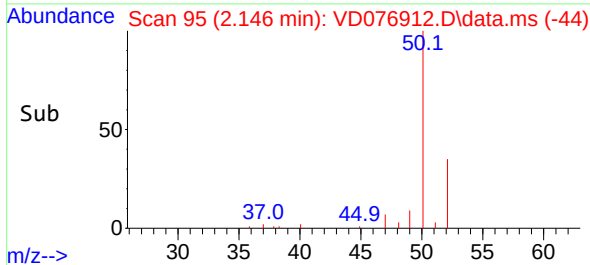
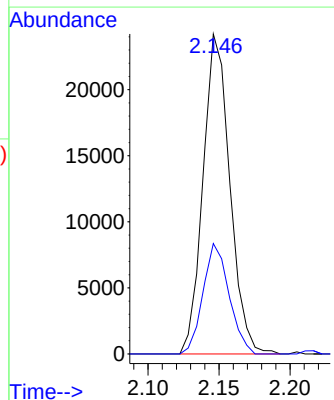
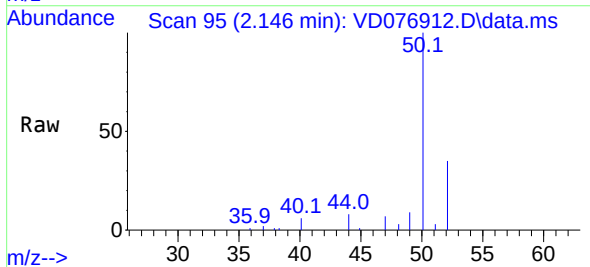
Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

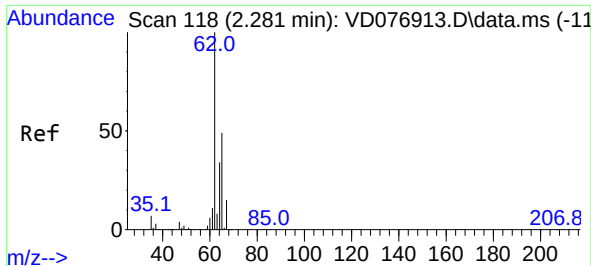
Tgt Ion: 85 Resp: 25794
Ion Ratio Lower Upper
85 100
87 32.8 26.3 39.5



#3
Chloromethane
Concen: 4.720 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion: 50 Resp: 31884
Ion Ratio Lower Upper
50 100
52 34.5 23.2 43.2

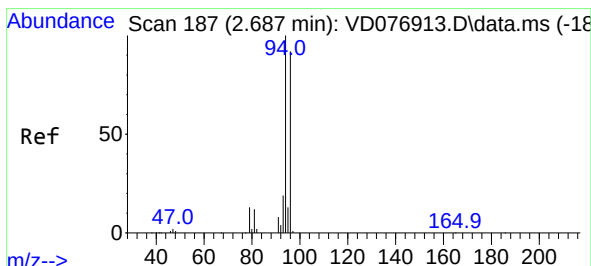
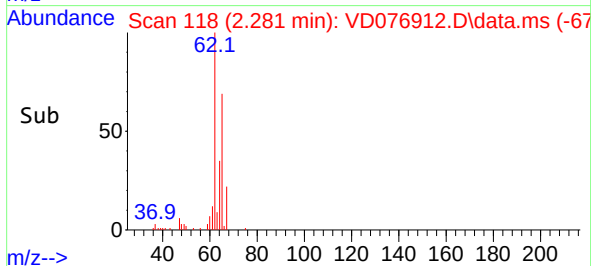
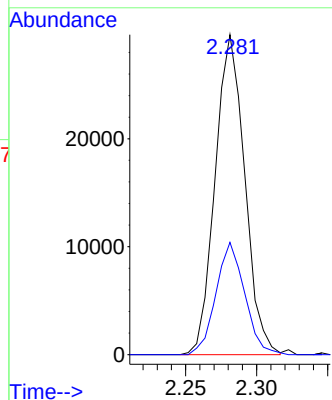
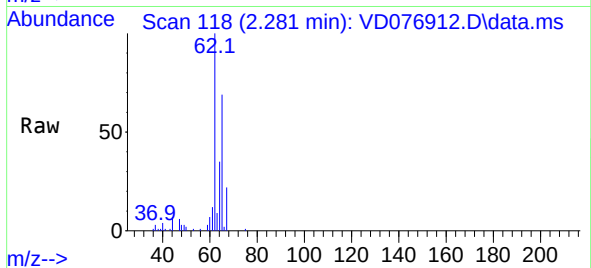




#5
 Vinyl chloride
 Concen: 5.636 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD076912.D
 Acq: 03 Aug 2023 10:33

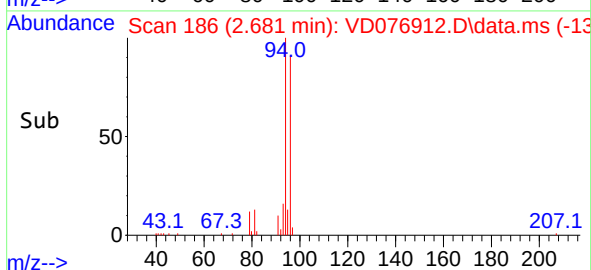
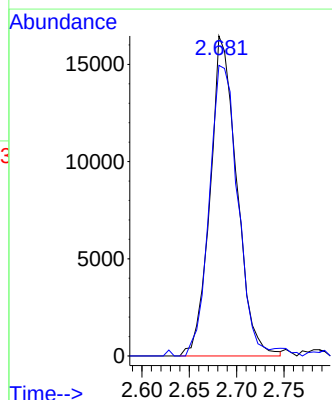
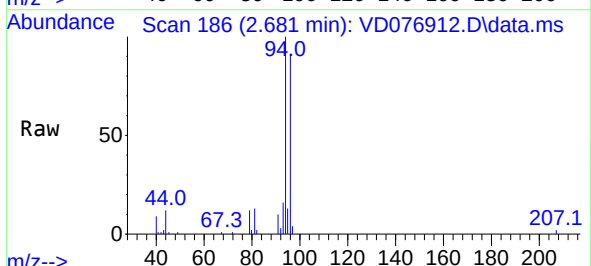
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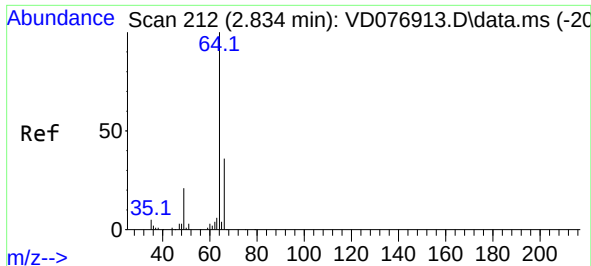
Tgt Ion: 62 Resp: 42951
 Ion Ratio Lower Upper
 62 100
 64 35.1 21.1 39.1



#6
 Bromomethane
 Concen: 7.139 ug/L
 RT: 2.681 min Scan# 186
 Delta R.T. -0.006 min
 Lab File: VD076912.D
 Acq: 03 Aug 2023 10:33

Tgt Ion: 94 Resp: 32276
 Ion Ratio Lower Upper
 94 100
 96 90.8 64.7 120.1

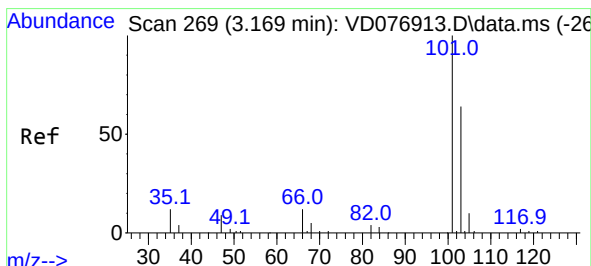
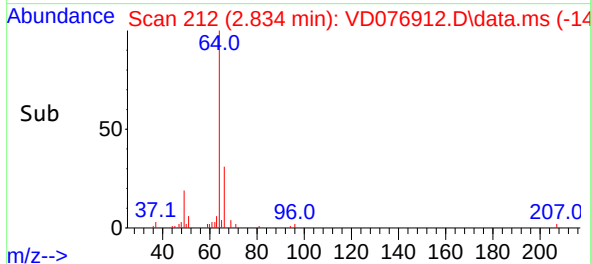
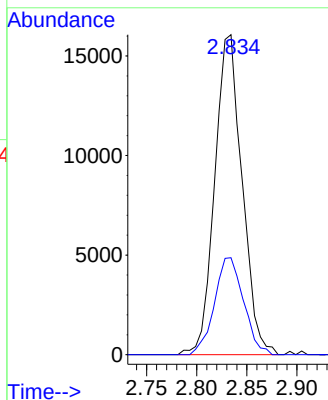
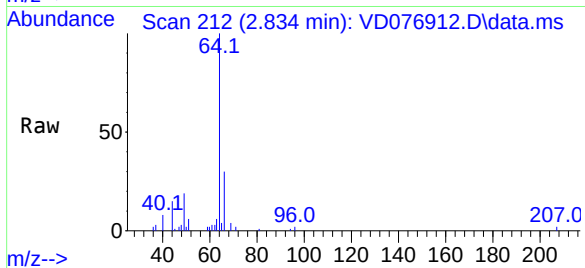




#8
Chloroethane
Concen: 6.388 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

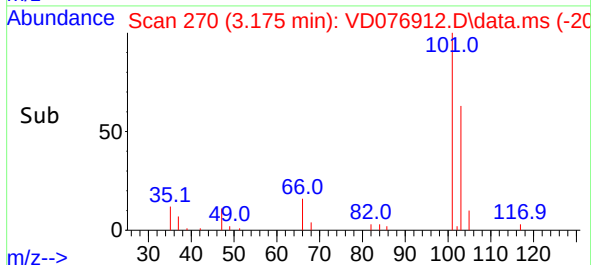
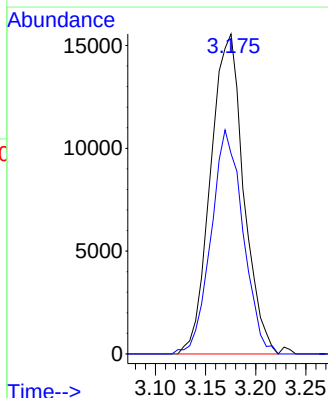
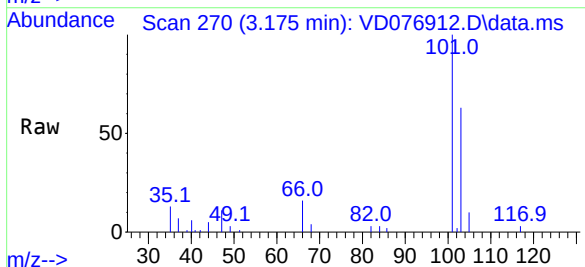
Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

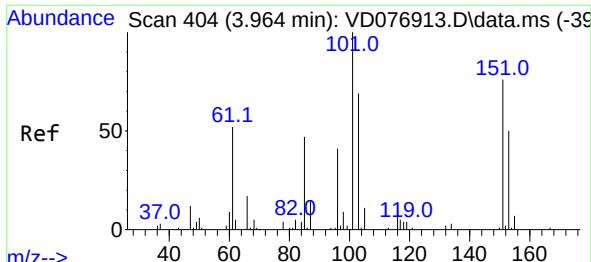
Tgt Ion: 64 Resp: 30501
Ion Ratio Lower Upper
64 100
66 30.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 6.230 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.006 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion: 101 Resp: 35757
Ion Ratio Lower Upper
101 100
103 67.6 51.8 77.6

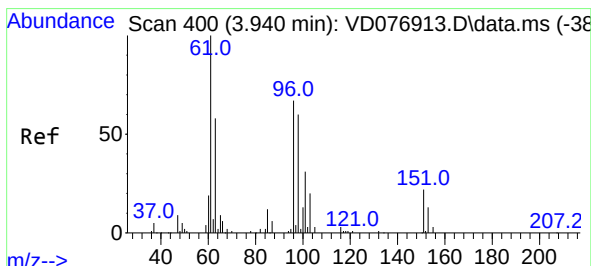
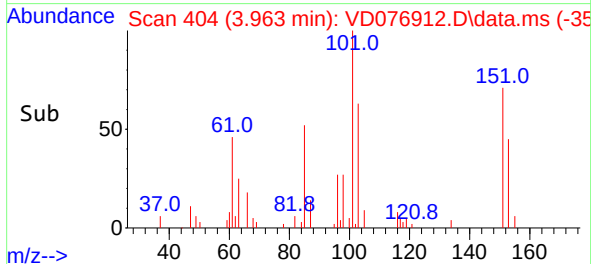
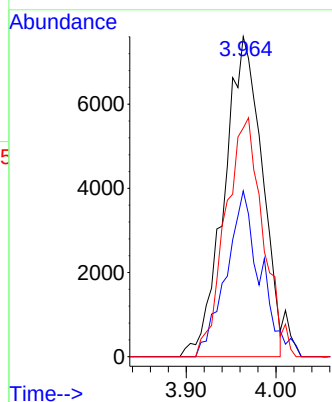
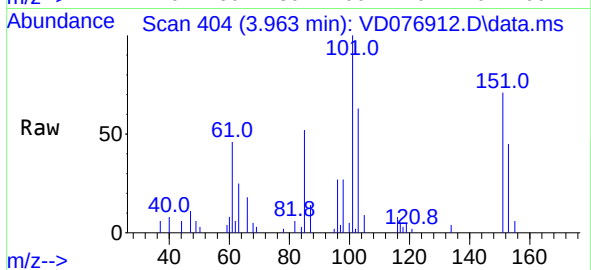




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.977 ug/L
RT: 3.963 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

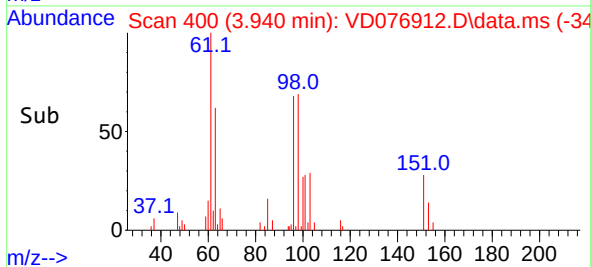
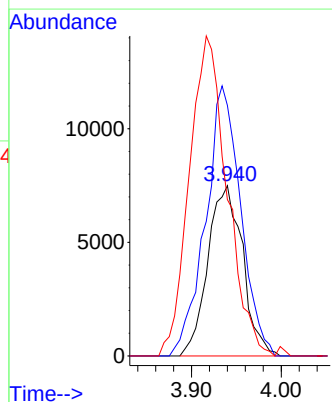
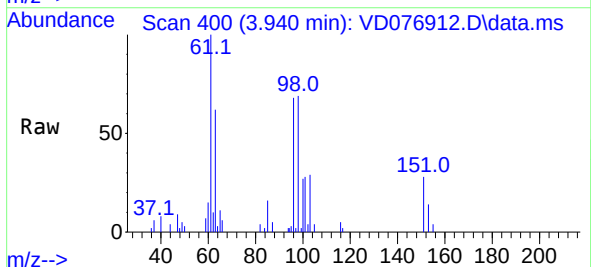
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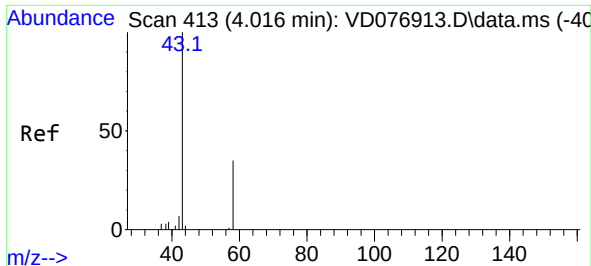
Tgt Ion:101 Resp: 22294
Ion Ratio Lower Upper
101 100
85 37.7 35.5 53.3
151 74.0 58.6 87.8



#12
1,1-Dichloroethene
Concen: 5.629 ug/L
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion: 96 Resp: 20177
Ion Ratio Lower Upper
96 100
61 147.2 113.0 209.8
63 91.8 83.6 155.2

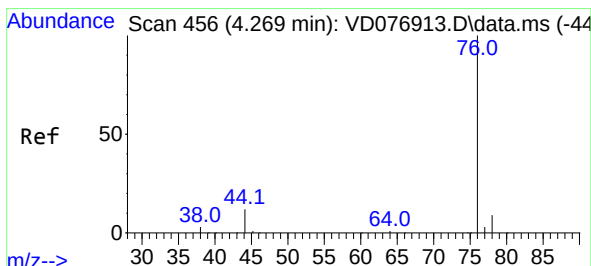
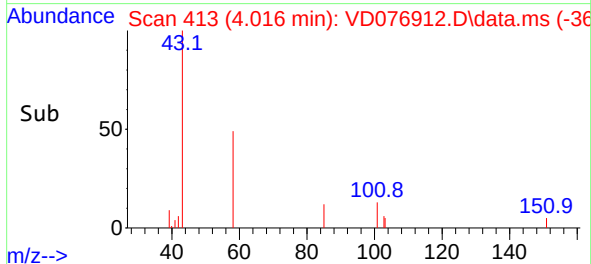
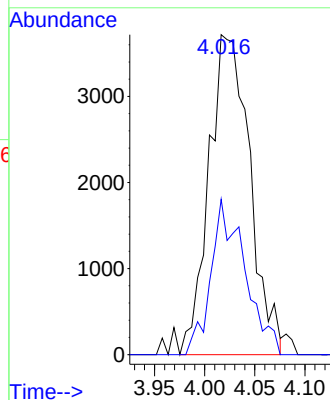
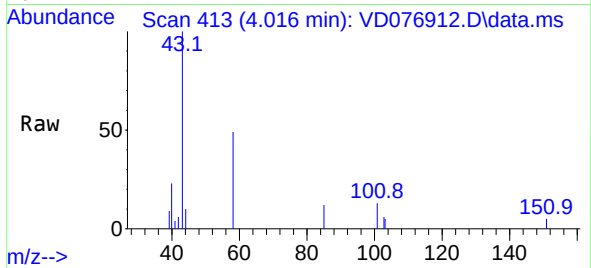




#13
Acetone
Concen: 11.577 ug/L
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

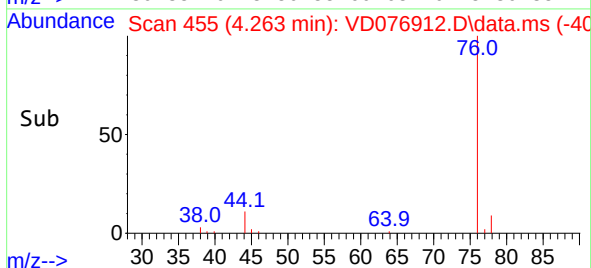
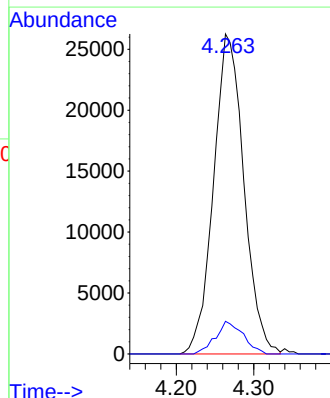
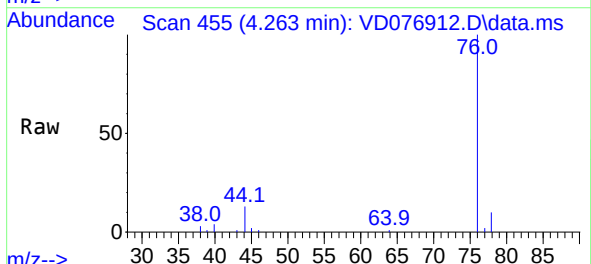
Instrument :
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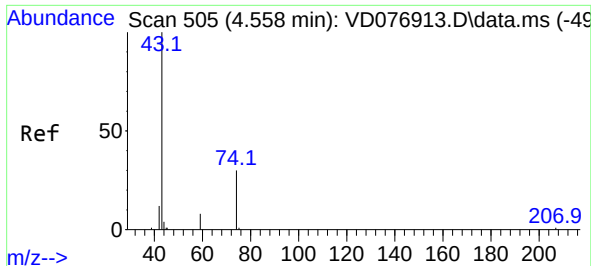
Tgt Ion: 43 Resp: 10553
Ion Ratio Lower Upper
43 100
58 17.5 0.0 67.4



#14
Carbon disulfide
Concen: 5.511 ug/L
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion: 76 Resp: 71360
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.4

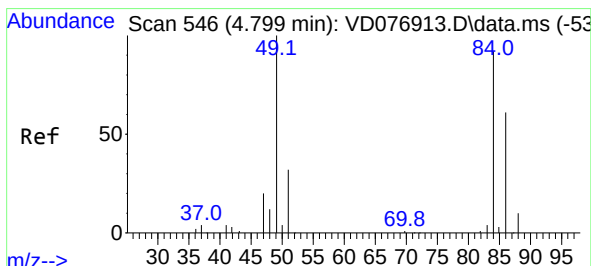
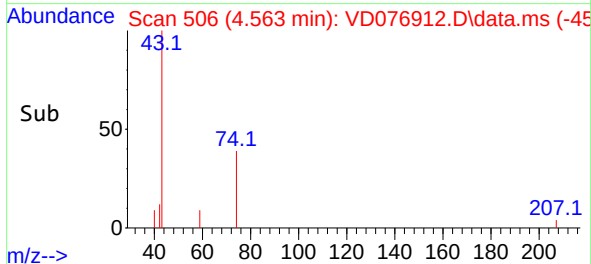
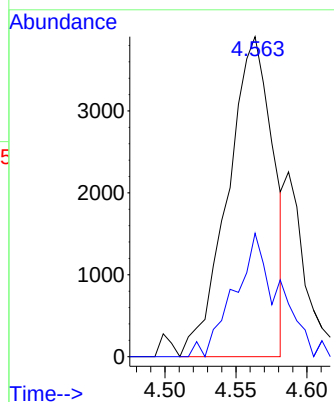
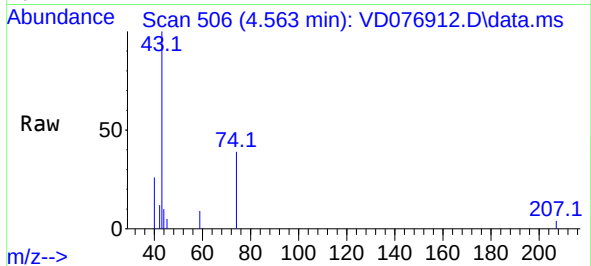




#15
Methyl Acetate
Concen: 4.641 ug/L
RT: 4.563 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

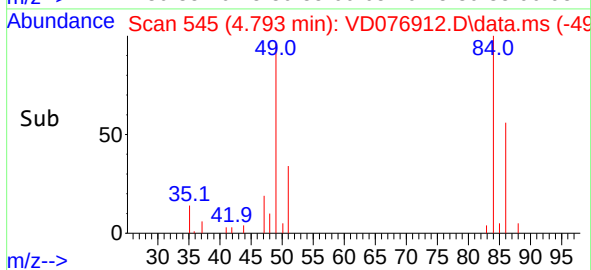
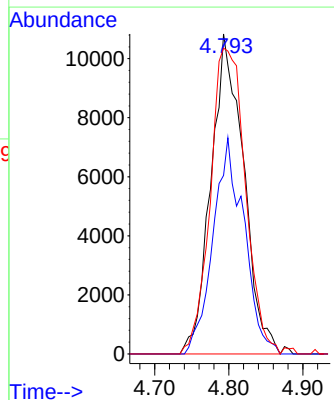
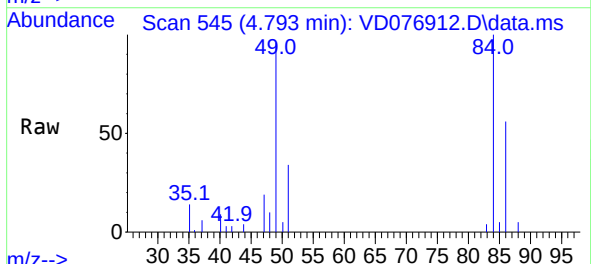
Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

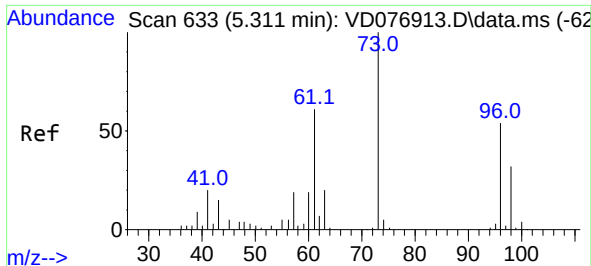
Tgt Ion: 43 Resp: 8634
Ion Ratio Lower Upper
43 100
74 27.3 18.2 27.2#



#16
Methylene chloride
Concen: 6.838 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion: 84 Resp: 32999
Ion Ratio Lower Upper
84 100
86 55.8 45.1 83.9
49 95.5 97.2 180.6#

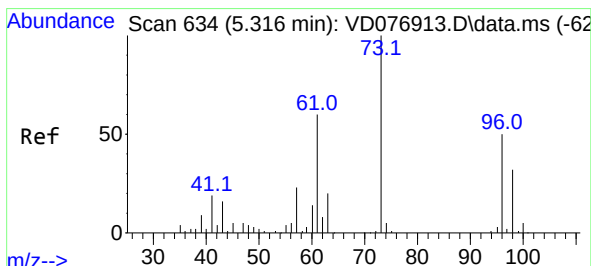
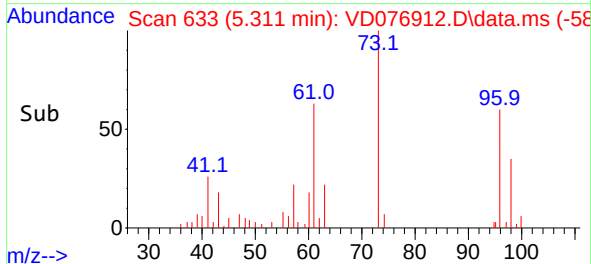
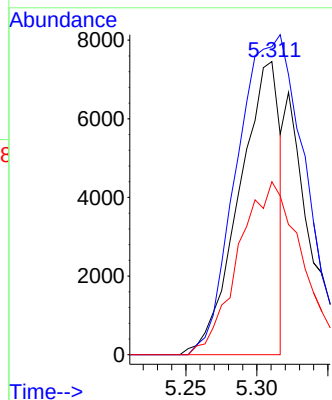
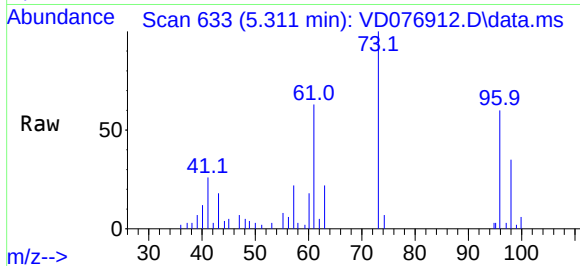




#17
trans-1,2-Dichloroethene
Concen: 3.693 ug/L
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

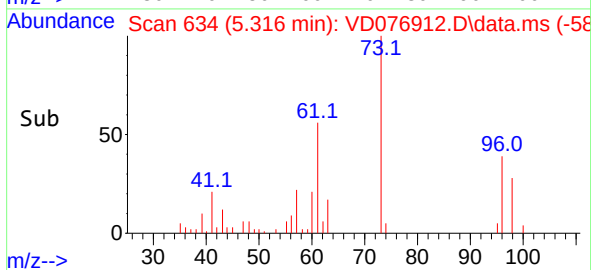
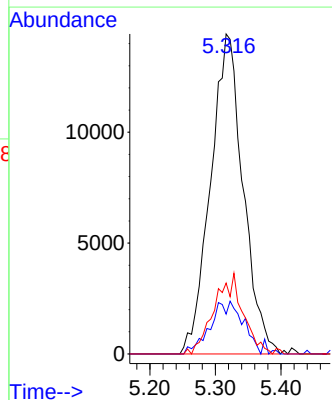
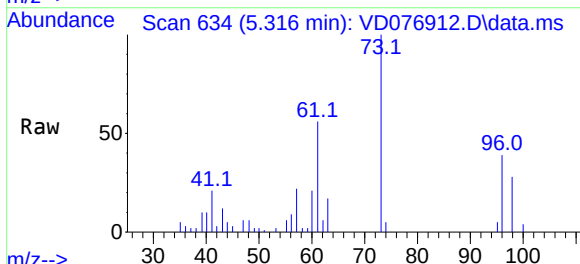
Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

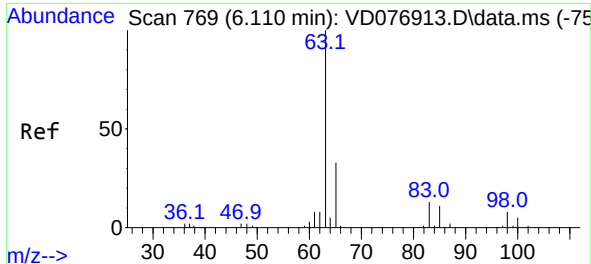
Tgt Ion: 96 Resp: 14898
Ion Ratio Lower Upper
96 100
61 105.1 94.5 175.5
98 59.0 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 5.444 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion: 73 Resp: 49795
Ion Ratio Lower Upper
73 100
43 6.9 7.2 10.8#
57 12.9 18.6 28.0#



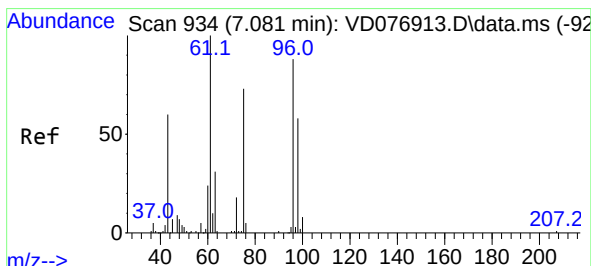
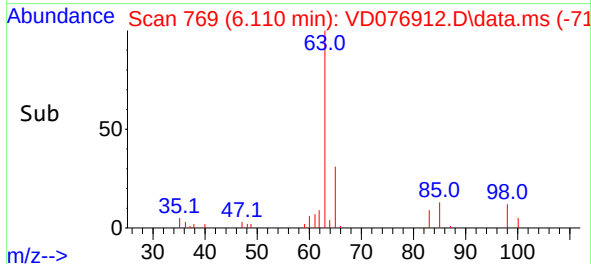
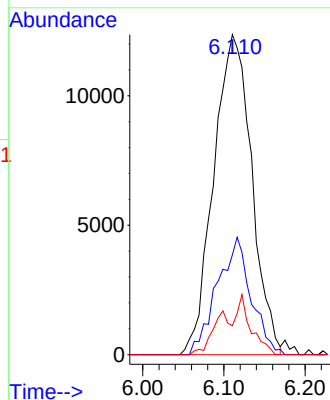
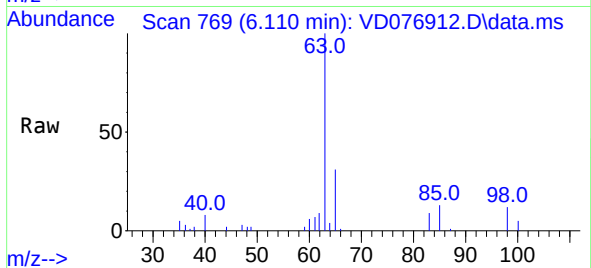


#19
1,1-Dichloroethane
Concen: 5.583 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

Tgt Ion: 63 Resp: 40248

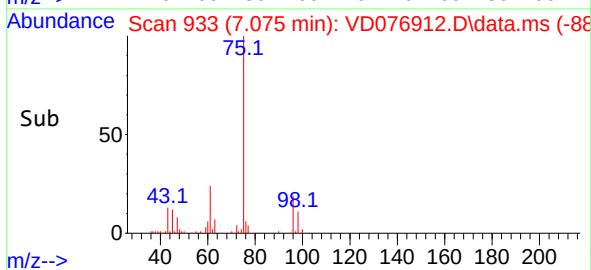
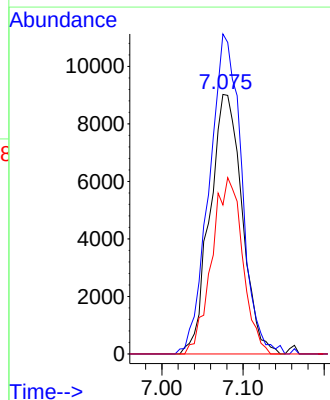
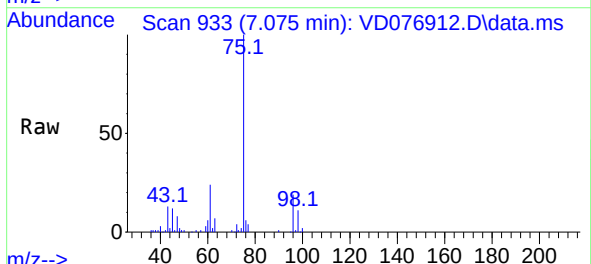
Ion	Ratio	Lower	Upper
63	100		
65	31.2	20.8	38.6
83	9.0	8.9	16.5

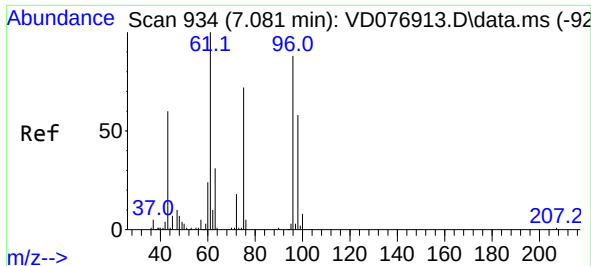


#20
cis-1,2-Dichloroethene
Concen: 5.548 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion: 96 Resp: 24910

Ion	Ratio	Lower	Upper
96	100		
61	123.3	86.0	159.6
98	57.4	42.2	78.4

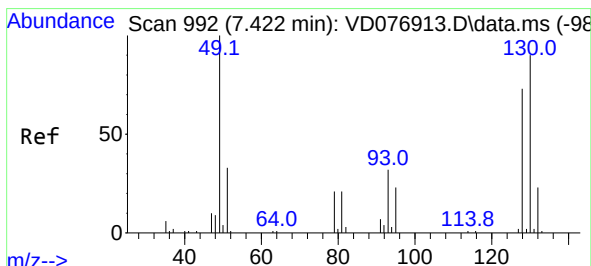
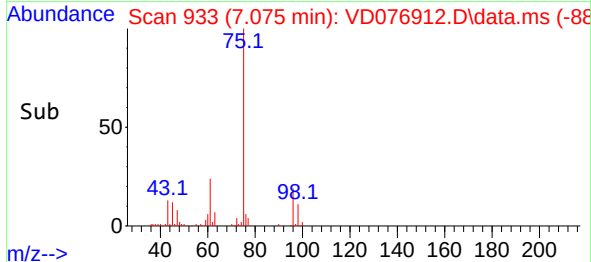
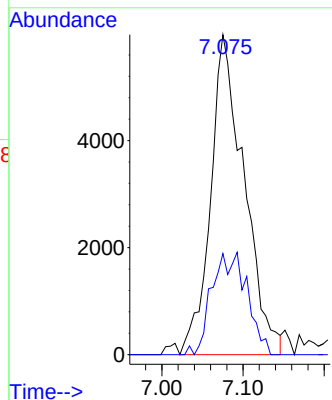
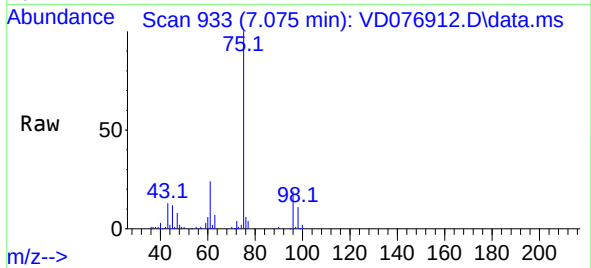




#22
2-Butanone
Concen: 12.384 ug/L
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

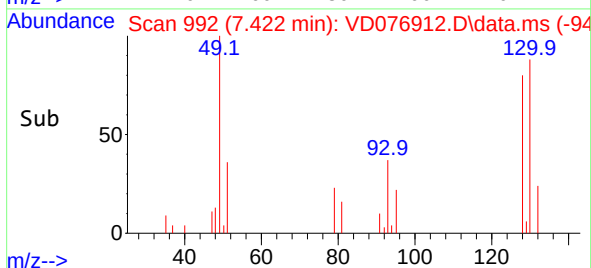
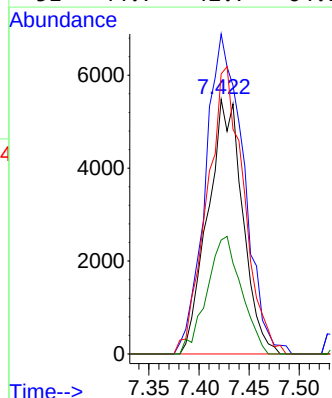
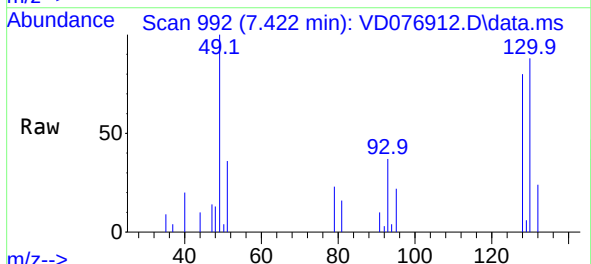
Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

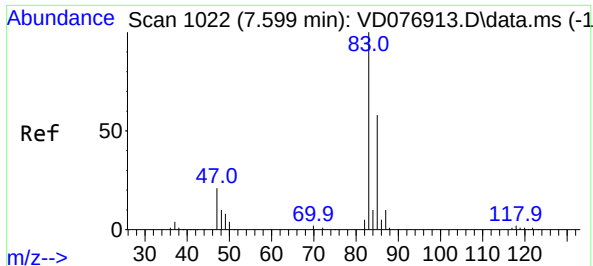
Tgt Ion: 43 Resp: 17147
Ion Ratio Lower Upper
43 100
72 16.4 12.9 38.7



#23
Bromochloromethane
Concen: 6.807 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion:128 Resp: 13268
Ion Ratio Lower Upper
128 100
49 125.7 124.7 231.7
130 110.0 80.0 148.6
51 44.7 42.7 64.1





#25

Chloroform

Concen: 5.950 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD076912.D

Acq: 03 Aug 2023 10:33

Instrument :

MSVOA_D

ClientSampleId :

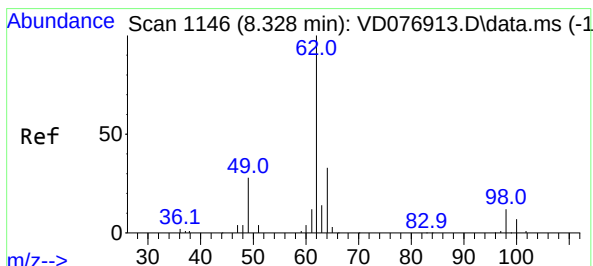
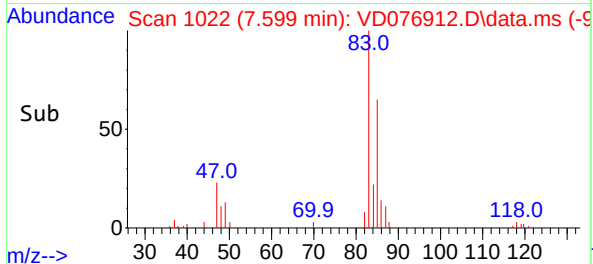
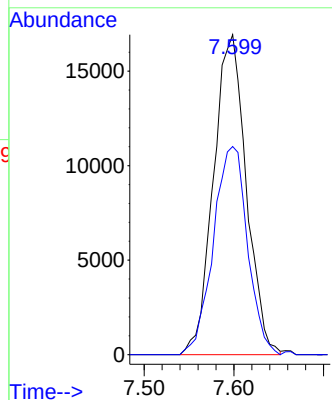
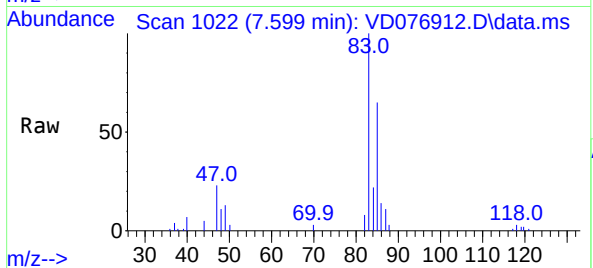
VSTD005159

Tgt Ion: 83 Resp: 42958

Ion Ratio Lower Upper

83 100

85 65.1 45.4 84.4



#27

1,2-Dichloroethane

Concen: 6.104 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD076912.D

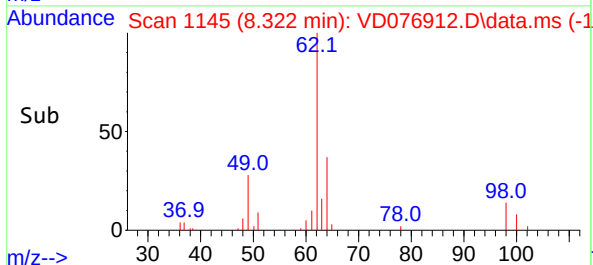
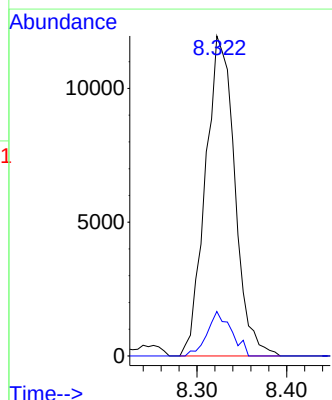
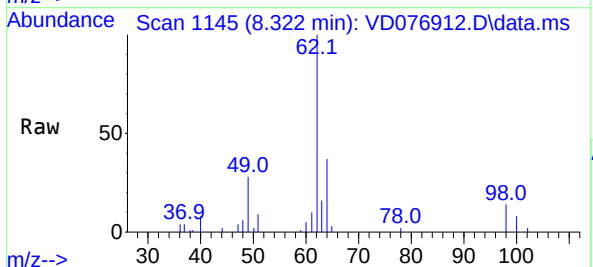
Acq: 03 Aug 2023 10:33

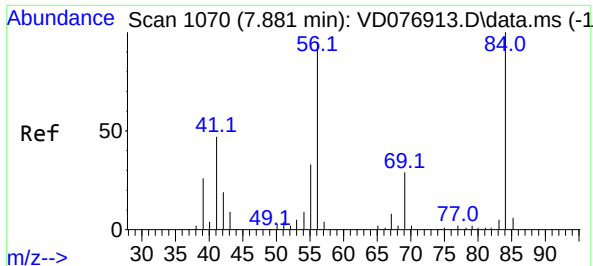
Tgt Ion: 62 Resp: 27140

Ion Ratio Lower Upper

62 100

98 13.9 8.7 13.1#





#29

Cyclohexane

Concen: 4.080 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD076912.D

Acq: 03 Aug 2023 10:33

Instrument :

MSVOA_D

ClientSampleId :

VSTD005159

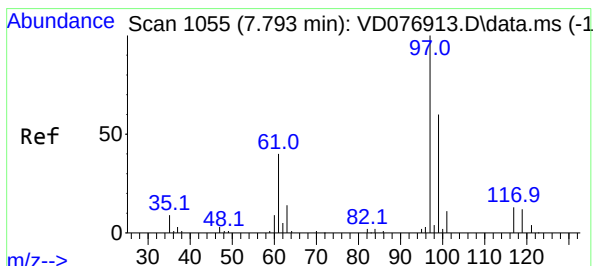
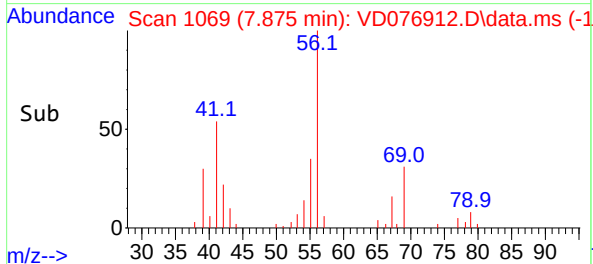
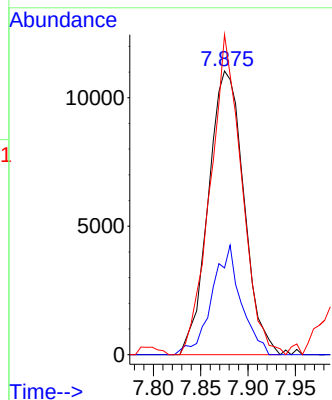
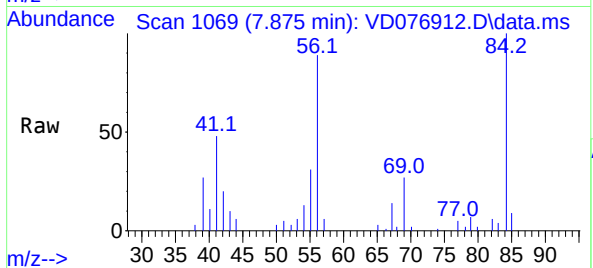
Tgt Ion: 56 Resp: 28765

Ion Ratio Lower Upper

56 100

69 30.6 23.4 35.0

84 99.9 66.3 99.5#



#30

1,1,1-Trichloroethane

Concen: 5.568 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076912.D

Acq: 03 Aug 2023 10:33

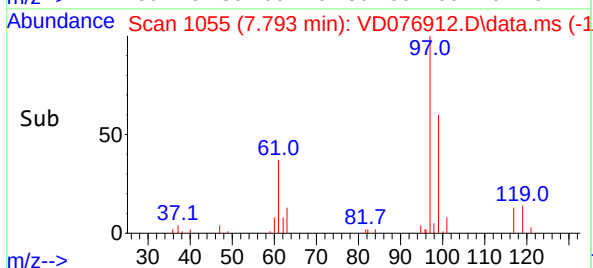
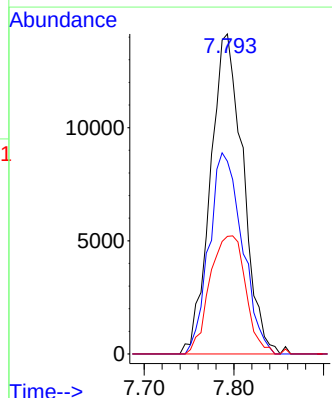
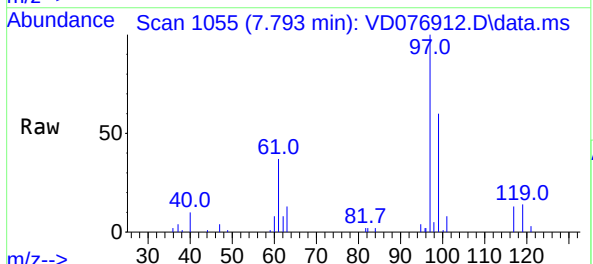
Tgt Ion: 97 Resp: 35649

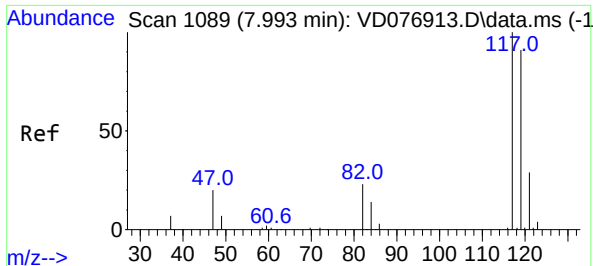
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.6

61 40.5 36.4 54.6

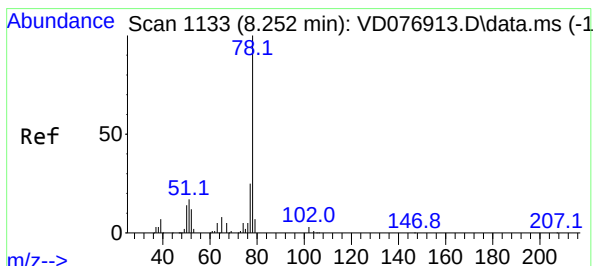
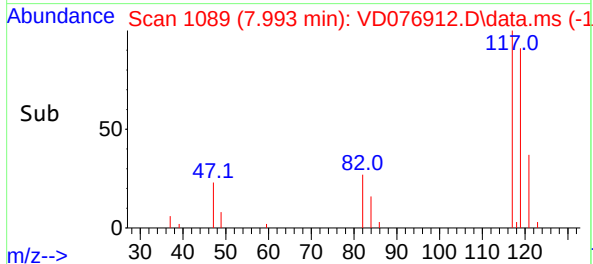
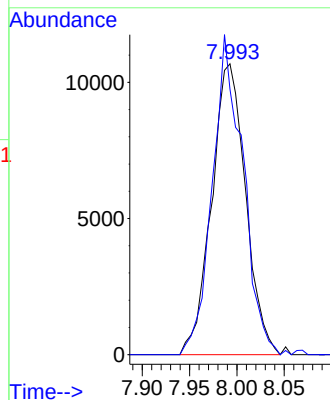
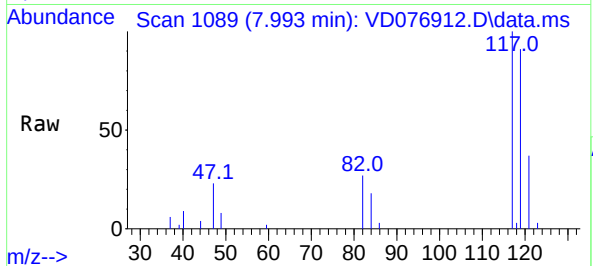




#31
Carbon tetrachloride
Concen: 5.156 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

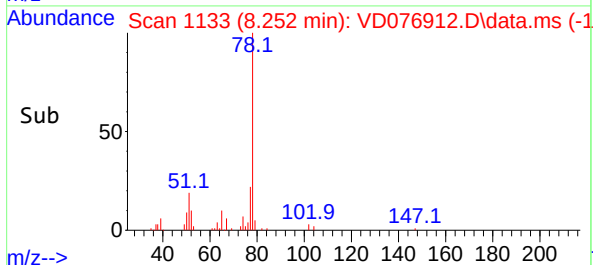
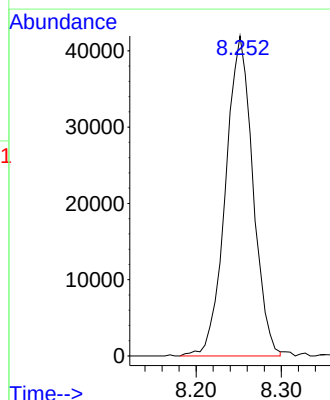
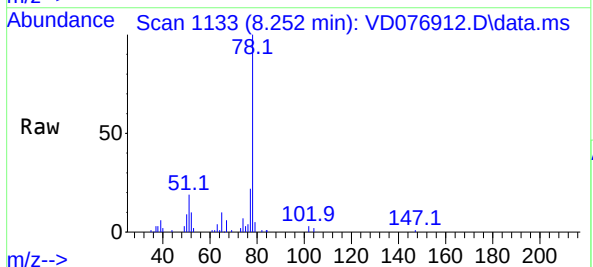
Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

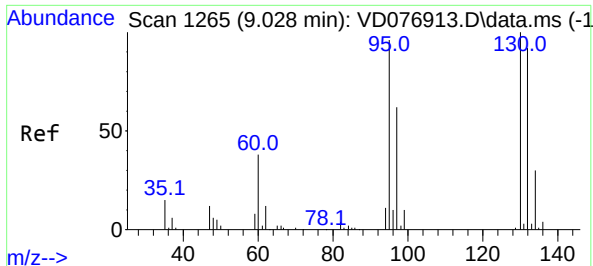
Tgt Ion:117 Resp: 26698
Ion Ratio Lower Upper
117 100
119 99.0 77.8 116.6



#33
Benzene
Concen: 5.188 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion: 78 Resp: 93437



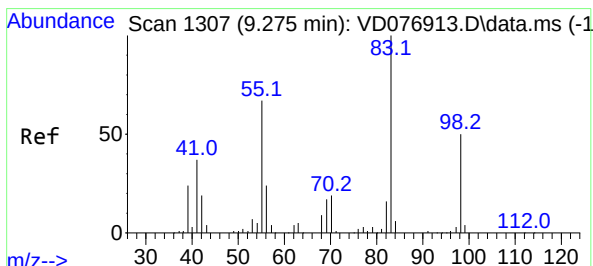
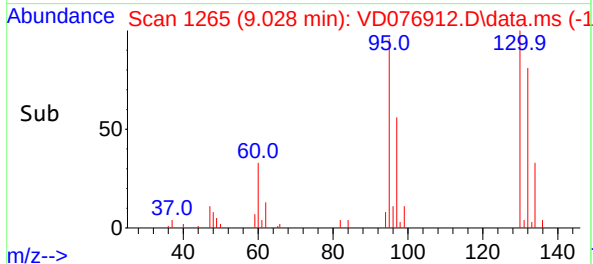
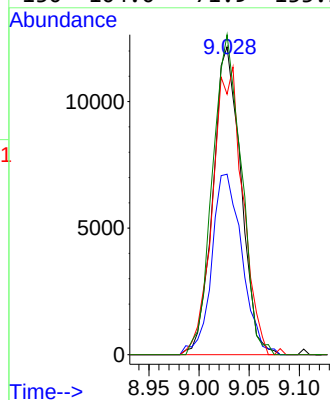
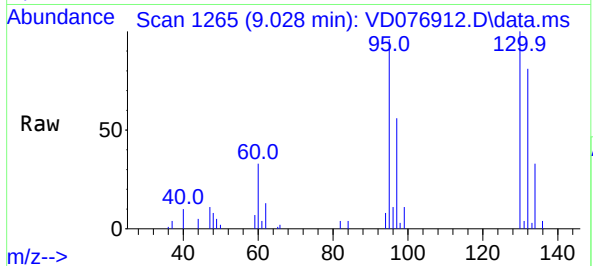


#34
Trichloroethene
Concen: 5.123 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

Tgt Ion: 95 Resp: 23650

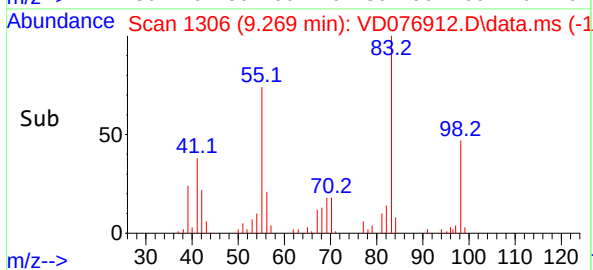
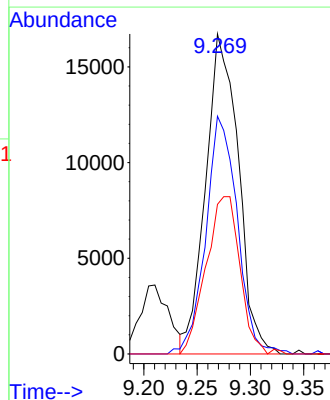
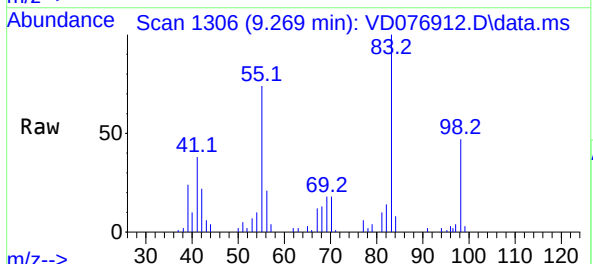
Ion	Ratio	Lower	Upper
95	100		
97	58.7	43.1	80.1
132	84.6	71.8	133.4
130	104.0	71.9	133.5

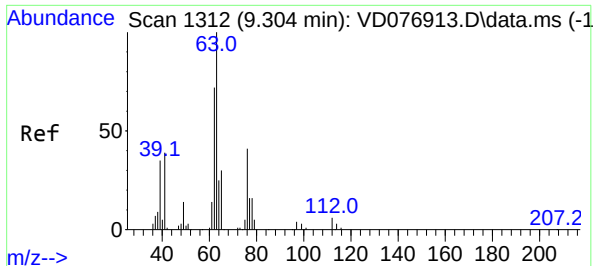


#35
Methylcyclohexane
Concen: 4.726 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion: 83 Resp: 35610

Ion	Ratio	Lower	Upper
83	100		
55	71.8	59.8	89.6
98	50.8	37.8	56.6

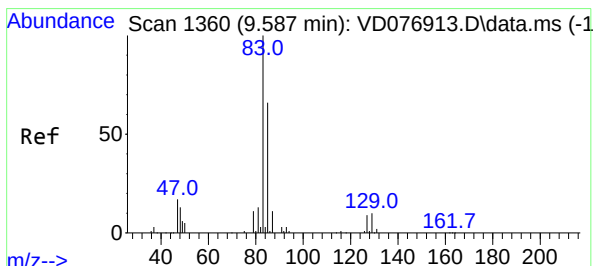
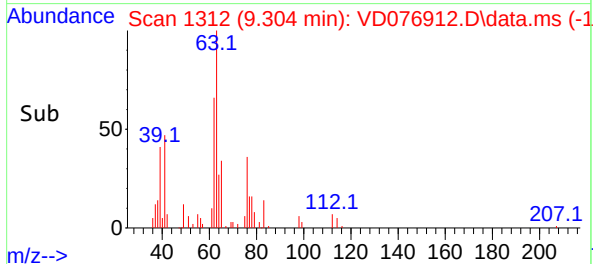
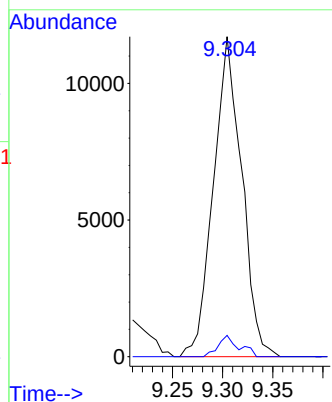
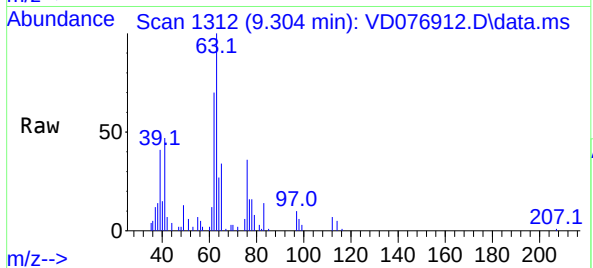




#37
1,2-Dichloropropane
Concen: 4.698 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

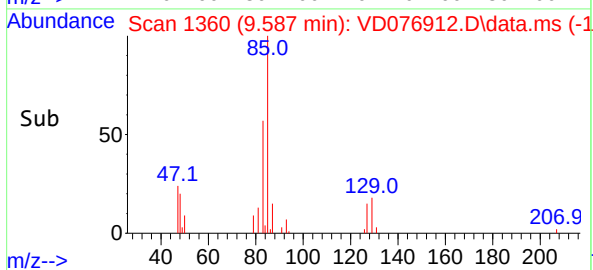
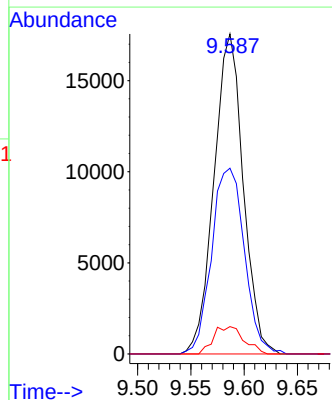
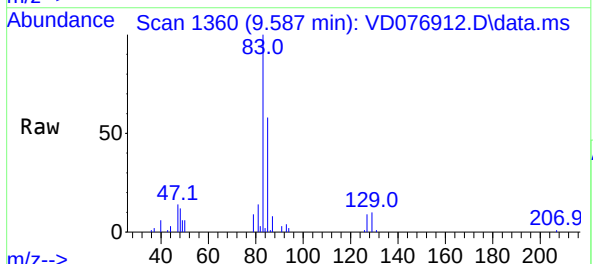
Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

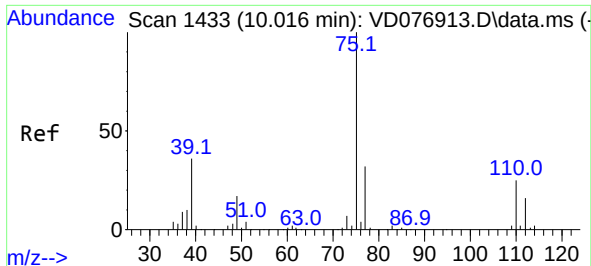
Tgt Ion: 63 Resp: 22939
Ion Ratio Lower Upper
63 100
112 3.8 3.1 4.7



#38
Bromodichloromethane
Concen: 5.890 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion: 83 Resp: 33566
Ion Ratio Lower Upper
83 100
85 58.1 43.9 81.5
127 8.5 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.755 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD076912.D

Acq: 03 Aug 2023 10:33

Instrument :

MSVOA_D

ClientSampleId :

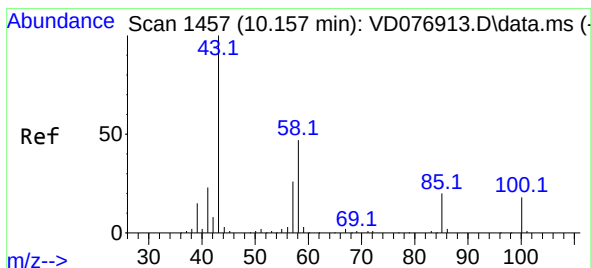
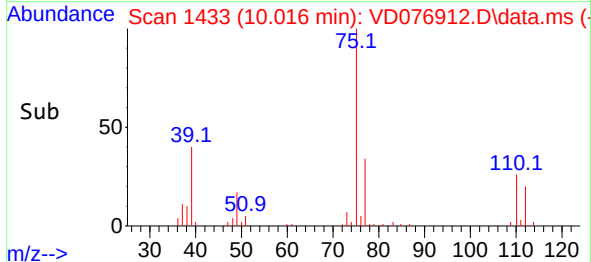
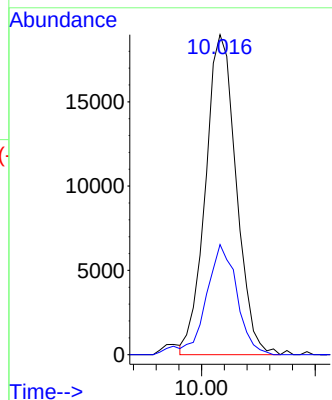
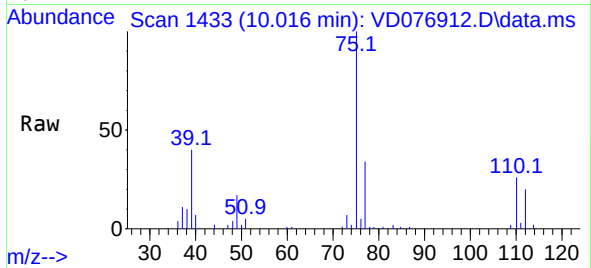
VSTD005159

Tgt Ion: 75 Resp: 35681

Ion Ratio Lower Upper

75 100

77 34.4 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 9.618 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD076912.D

Acq: 03 Aug 2023 10:33

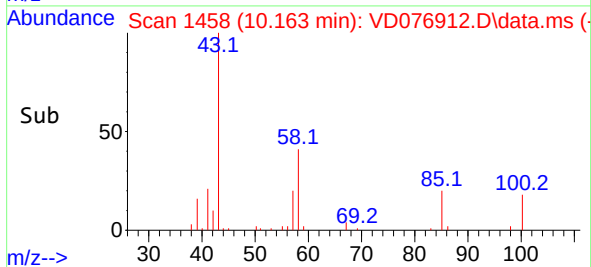
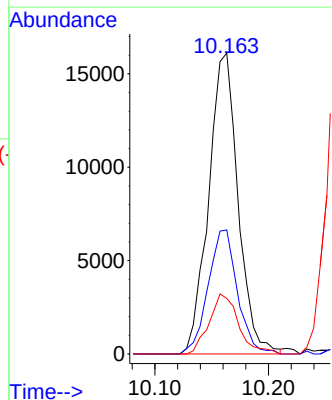
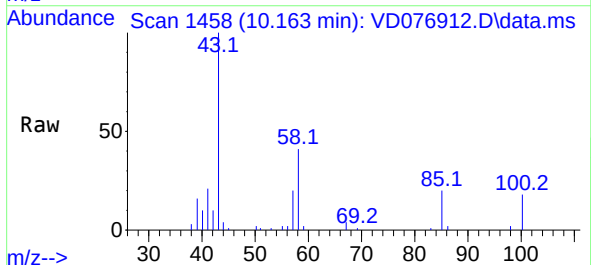
Tgt Ion: 43 Resp: 29060

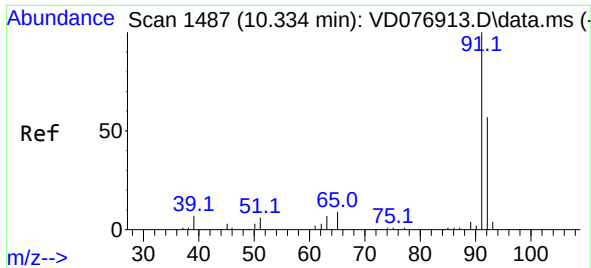
Ion Ratio Lower Upper

43 100

58 40.8 30.7 46.1

100 19.9 11.0 16.4#

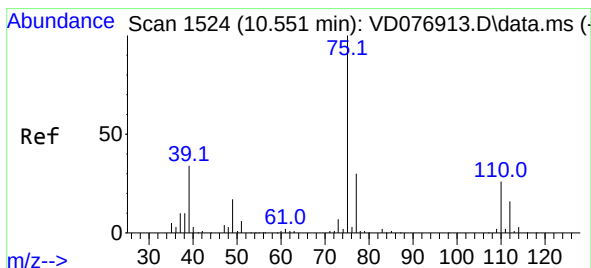
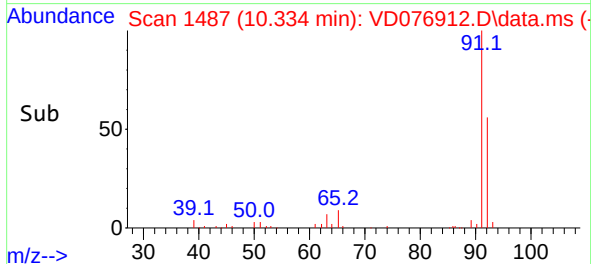
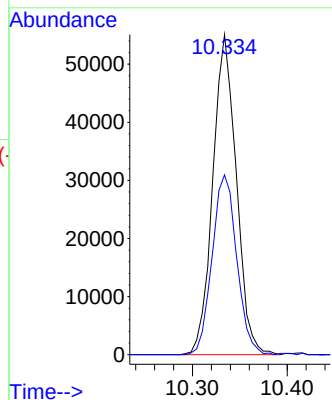
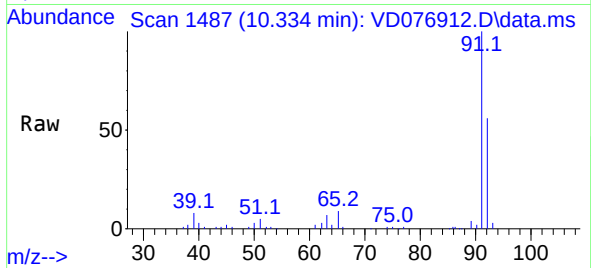




#42
Toluene
Concen: 4.918 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

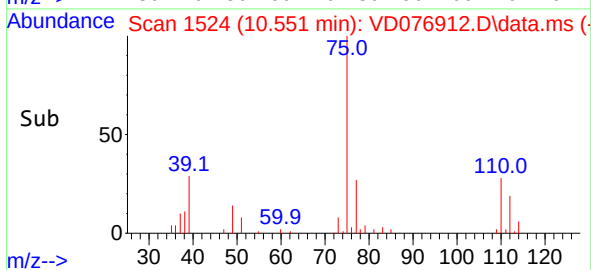
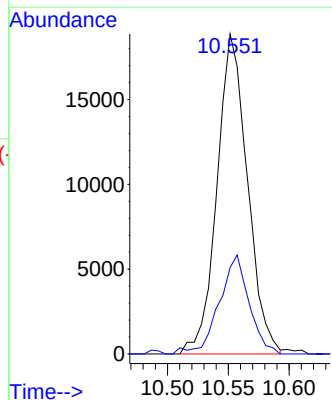
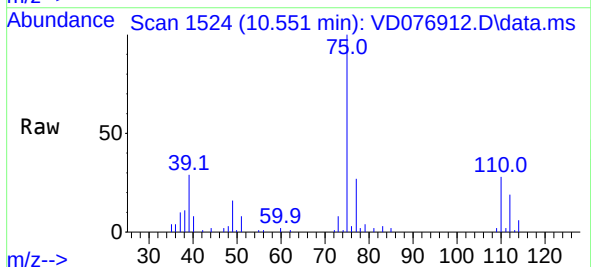
Instrument : MSVOA_D
ClientSampleId : VSTD005159

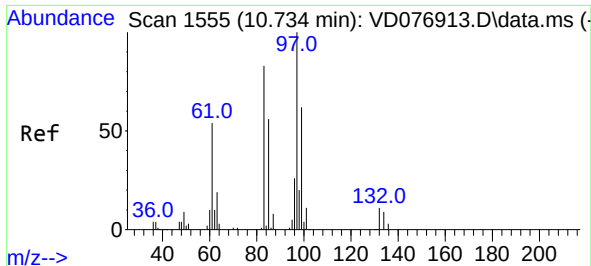
Tgt Ion: 91 Resp: 95273
Ion Ratio Lower Upper
91 100
92 56.2 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 5.328 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion: 75 Resp: 32823
Ion Ratio Lower Upper
75 100
77 27.0 22.5 41.7



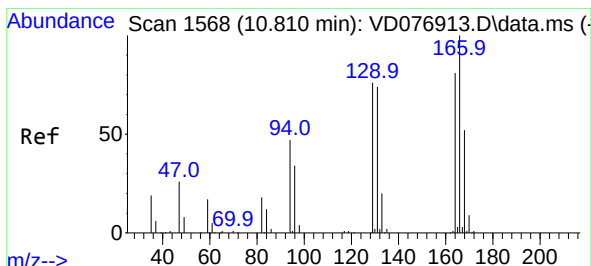
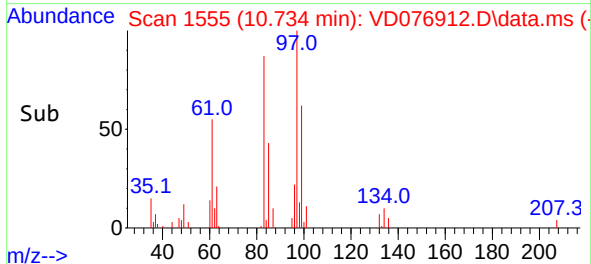
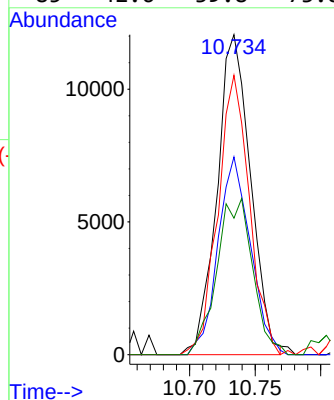
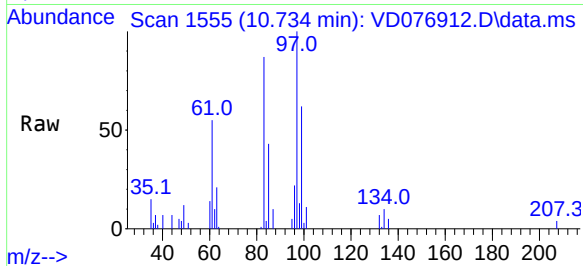


#45
1,1,2-Trichloroethane
Concen: 6.086 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

Tgt Ion: 97 Resp: 21378

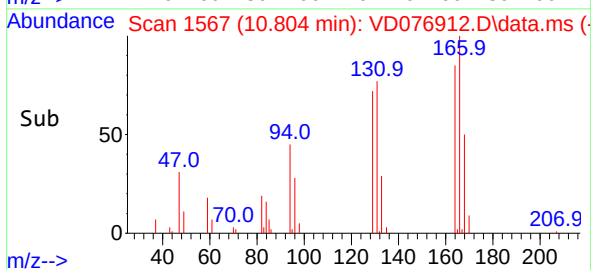
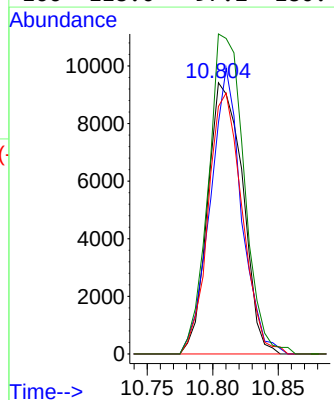
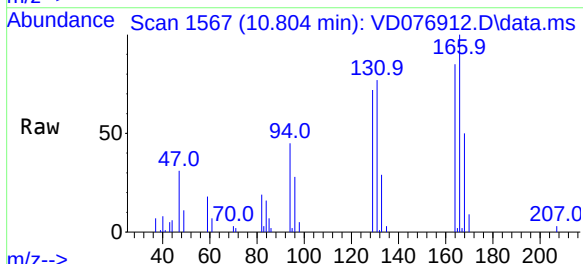
Ion	Ratio	Lower	Upper
97	100		
99	61.8	41.9	77.9
83	87.3	59.2	110.0
85	42.6	39.8	73.8

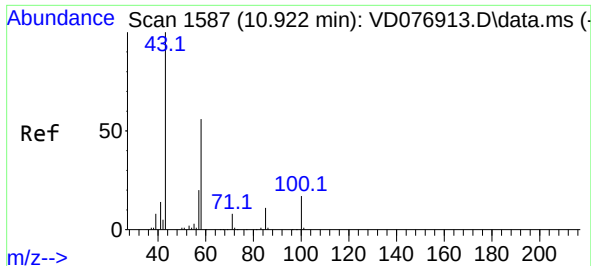


#46
Tetrachloroethene
Concen: 4.775 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion: 164 Resp: 17449

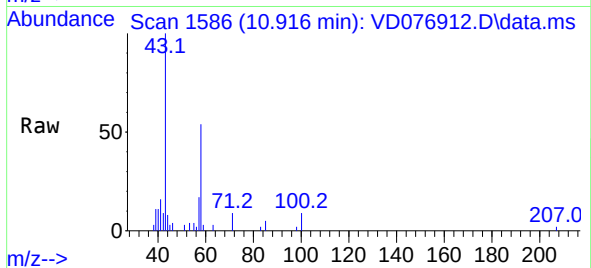
Ion	Ratio	Lower	Upper
164	100		
129	85.3	65.5	121.6
131	91.2	64.8	120.3
166	118.0	97.2	180.4



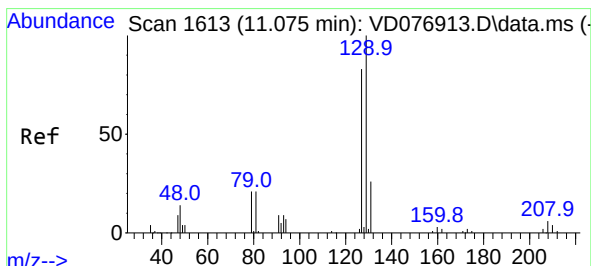
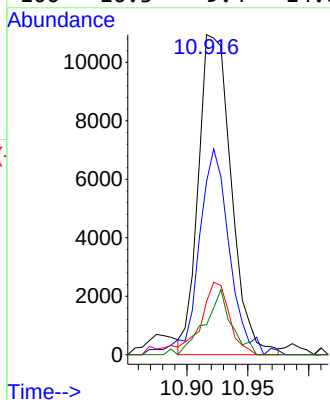
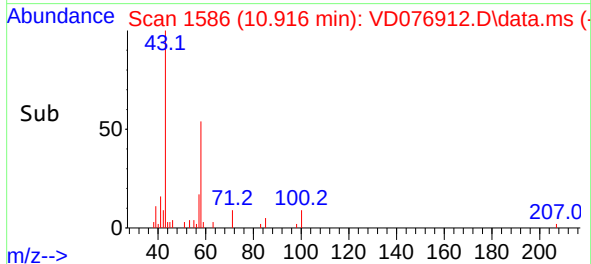


#48
2-Hexanone
Concen: 9.659 ug/L
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

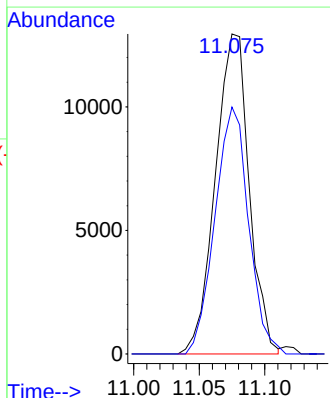
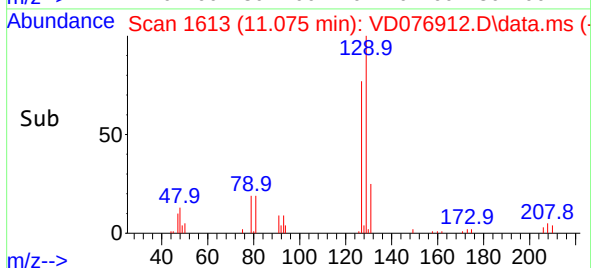
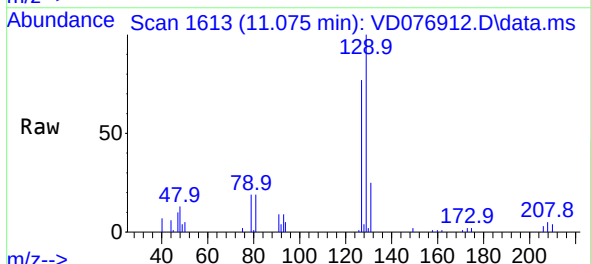


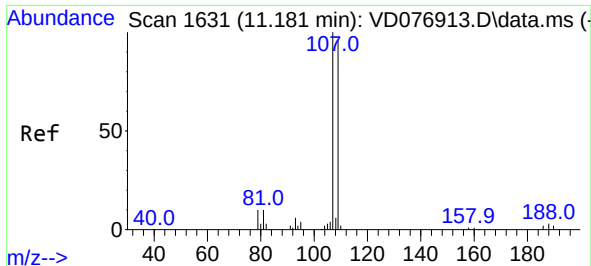
Tgt Ion: 43 Resp: 20569
Ion Ratio Lower Upper
43 100
58 56.1 42.9 64.3
57 19.1 13.7 20.5
100 16.3 9.4 14.0#



#49
Dibromochloromethane
Concen: 5.901 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion: 129 Resp: 23244
Ion Ratio Lower Upper
129 100
127 77.2 55.2 102.6

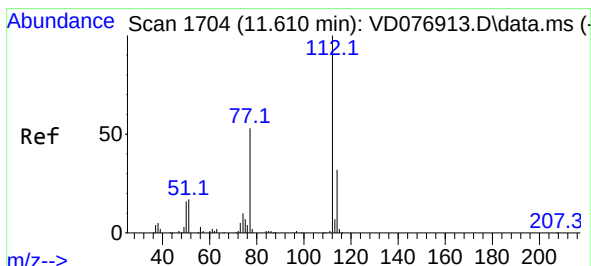
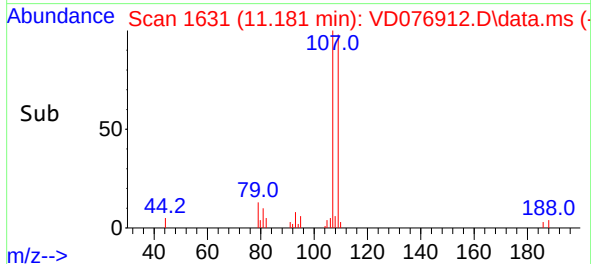
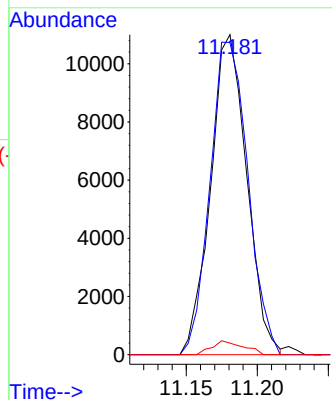
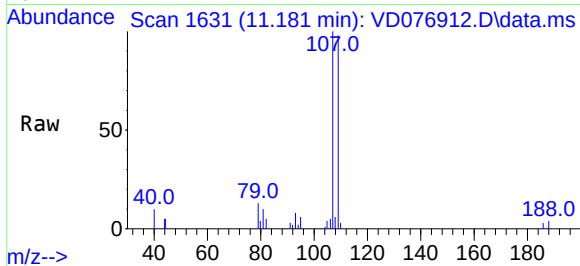




#50
1,2-Dibromoethane
Concen: 5.711 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

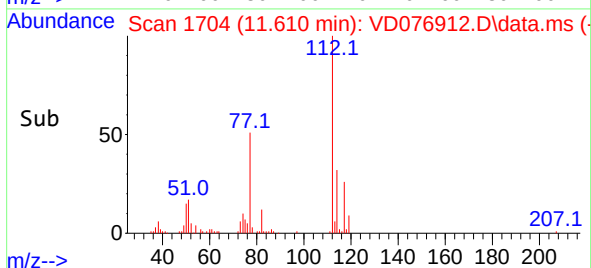
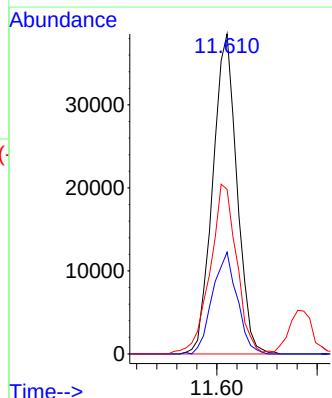
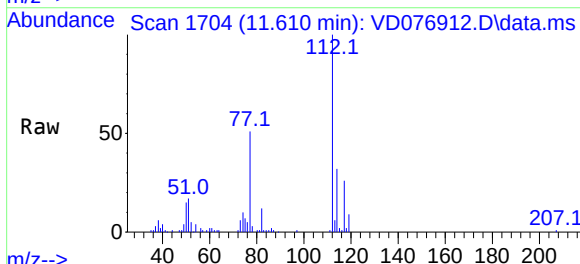
Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

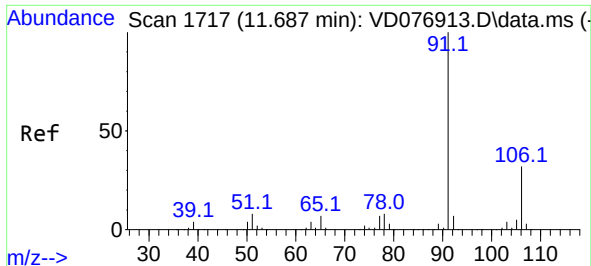
Tgt Ion:	107	Resp:	19456
Ion	Ratio	Lower	Upper
107	100		
109	97.6	58.8	109.2
188	3.6	2.9	4.3



#51
Chlorobenzene
Concen: 5.330 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion:	112	Resp:	64508
Ion	Ratio	Lower	Upper
112	100		
114	31.8	21.5	39.9
77	51.4	43.4	65.2

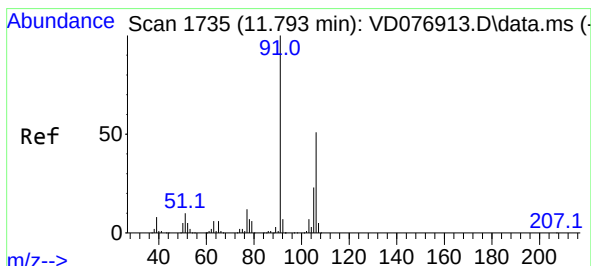
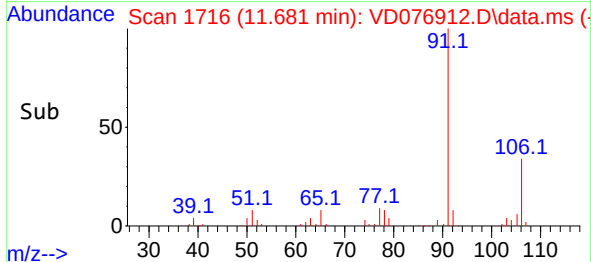
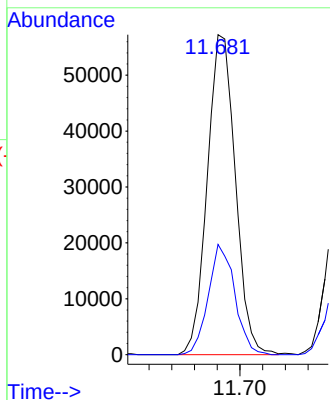
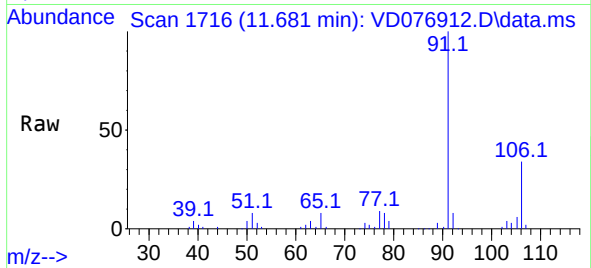




#52
Ethylbenzene
Concen: 4.713 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

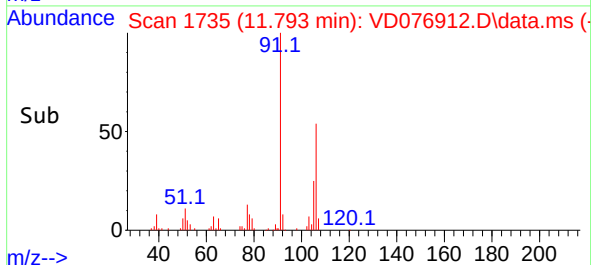
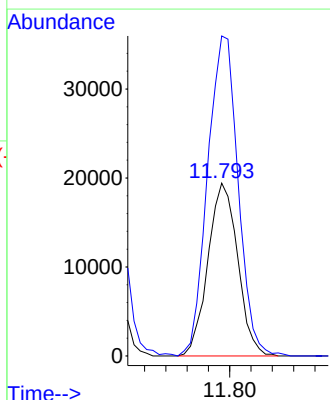
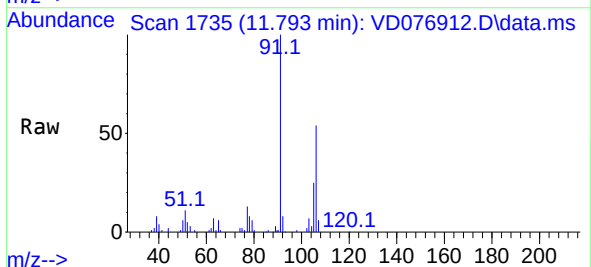
Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

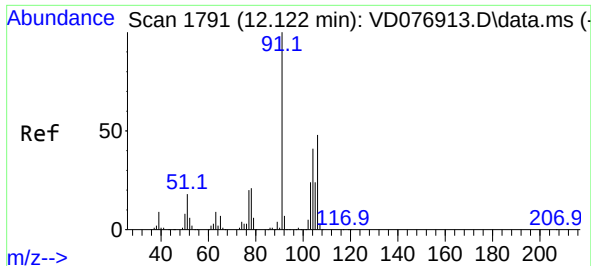
Tgt Ion: 91 Resp: 98376
Ion Ratio Lower Upper
91 100
106 34.4 22.4 41.6



#53
m,p-Xylene
Concen: 4.603 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion:106 Resp: 37677
Ion Ratio Lower Upper
106 100
91 185.2 141.5 262.9

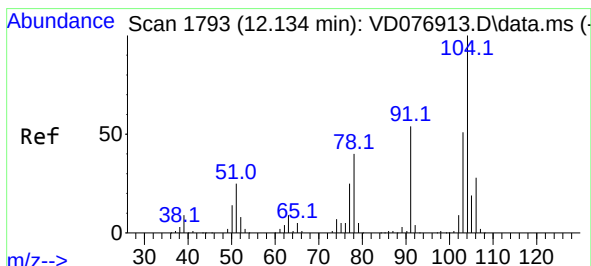
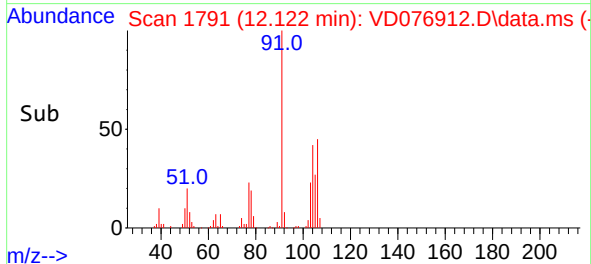
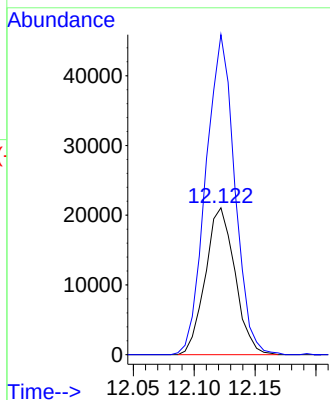
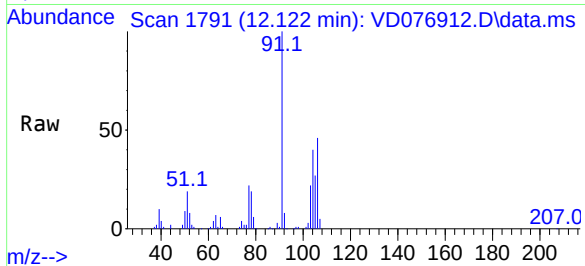




#54
o-Xylene
Concen: 4.564 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

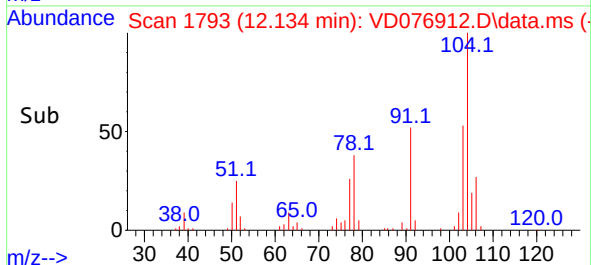
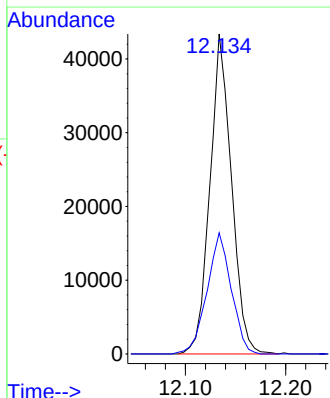
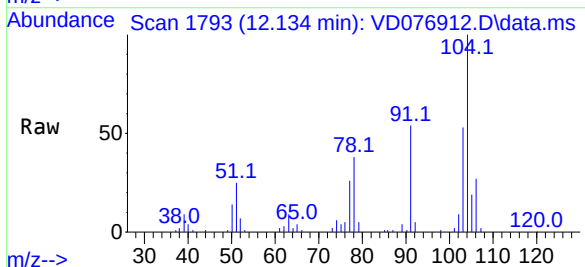
Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

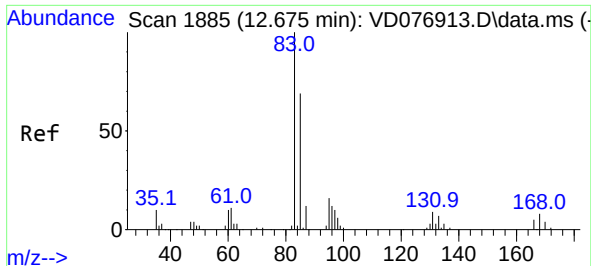
Tgt Ion:106 Resp: 35564
Ion Ratio Lower Upper
106 100
91 217.9 142.2 264.2



#55
Styrene
Concen: 4.766 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion:104 Resp: 64942
Ion Ratio Lower Upper
104 100
78 37.8 31.3 58.1

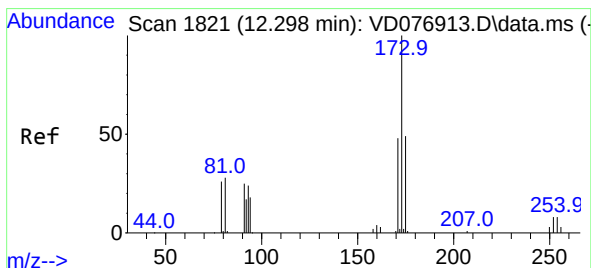
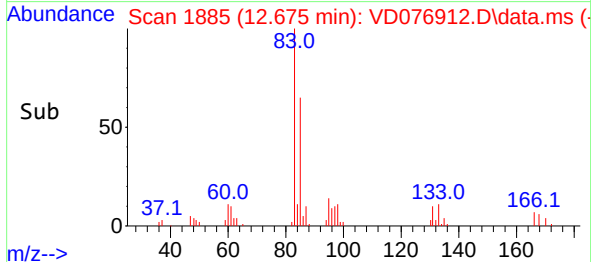
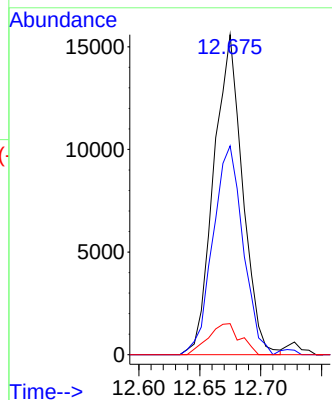
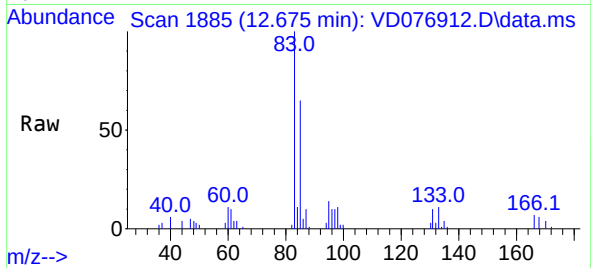




#57
1,1,2,2-Tetrachloroethane
Concen: 6.265 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

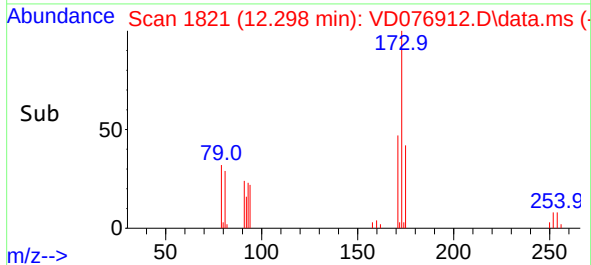
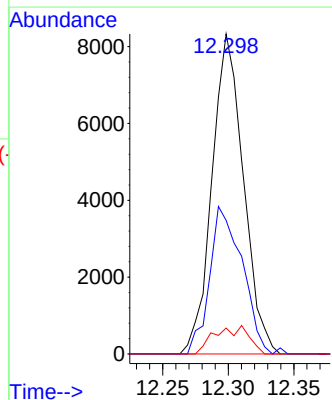
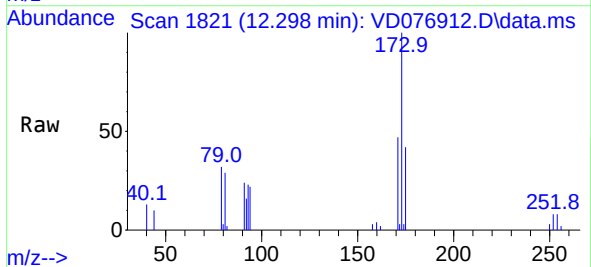
Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

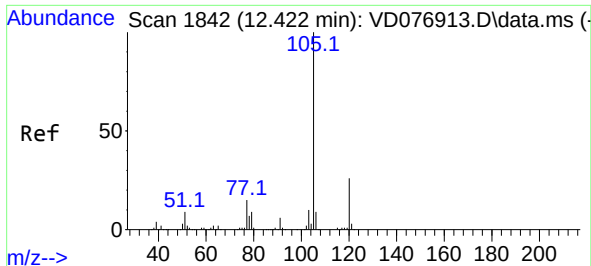
Tgt Ion: 83 Resp: 25634
Ion Ratio Lower Upper
83 100
85 65.2 46.3 86.1
131 9.7 7.0 10.4



#59
Bromoform
Concen: 5.654 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion: 173 Resp: 13873
Ion Ratio Lower Upper
173 100
175 47.7 39.0 58.4
254 6.1 5.3 7.9

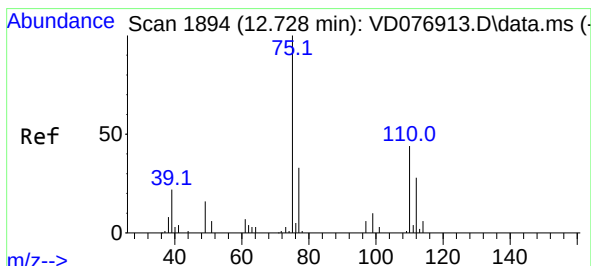
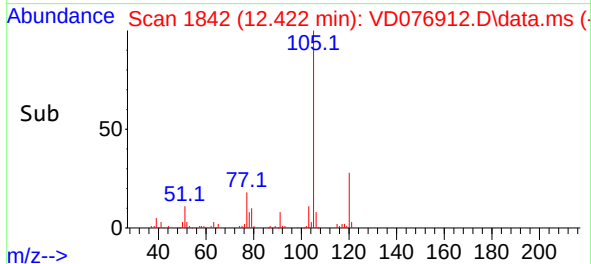
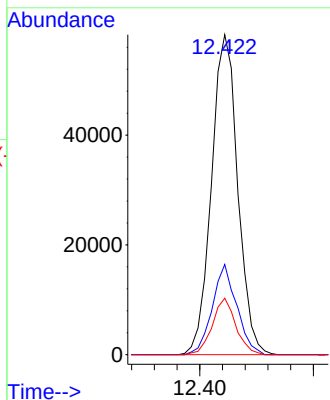
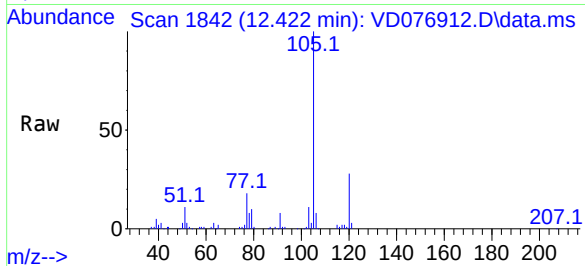




#60
Isopropylbenzene
Concen: 4.582 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

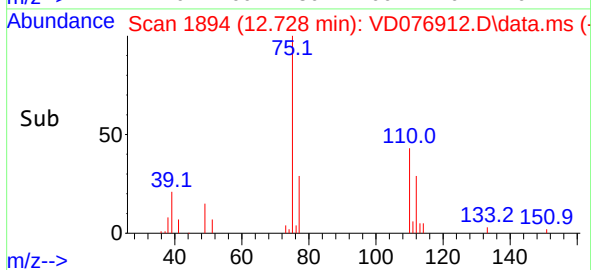
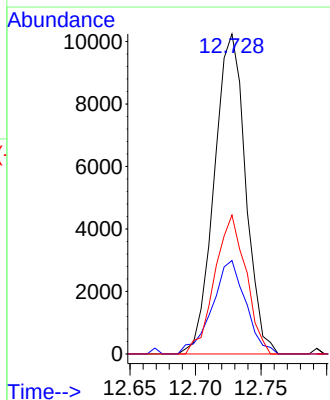
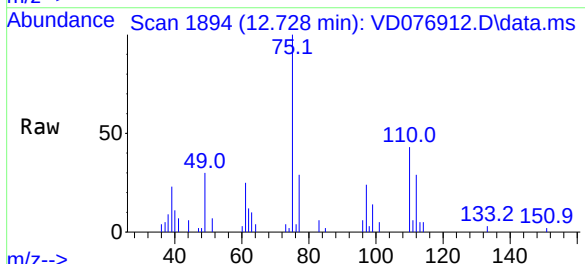
Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

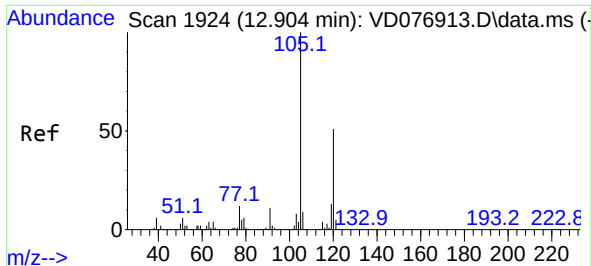
Tgt Ion:	105	Resp:	93636
Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.3	31.9
77	15.8	12.2	18.4



#61
1,2,3-Trichloropropane
Concen: 6.275 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion:	75	Resp:	17010
Ion	Ratio	Lower	Upper
75	100		
77	31.2	27.2	40.8
110	43.4	31.8	47.6

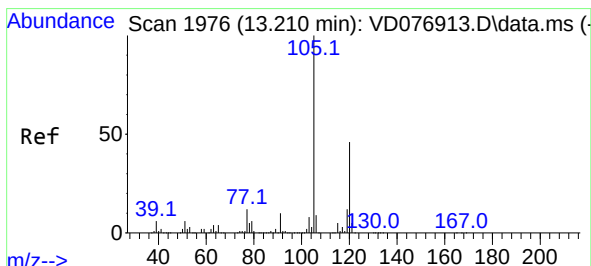
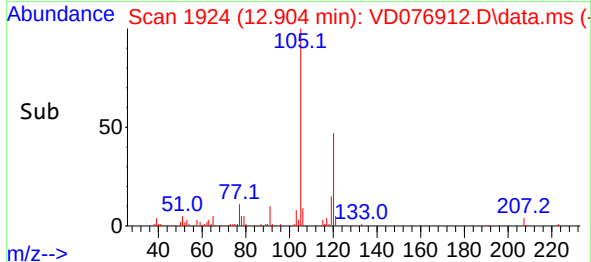
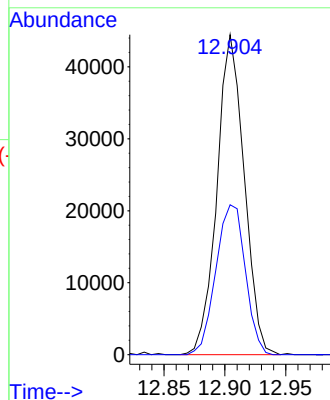
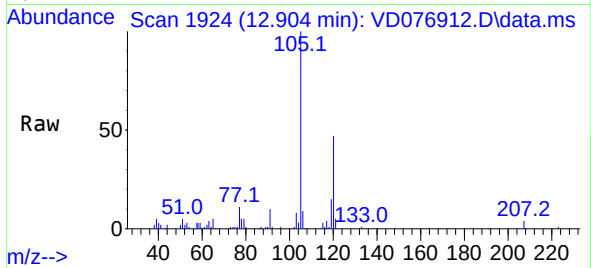




#62
1,3,5-Trimethylbenzene
Concen: 4.284 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

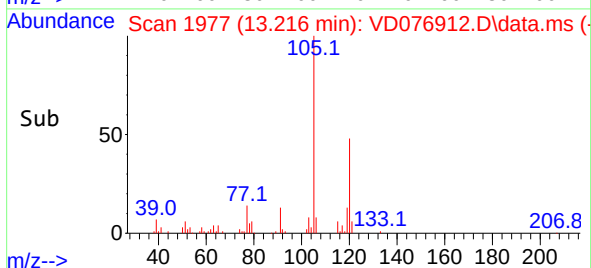
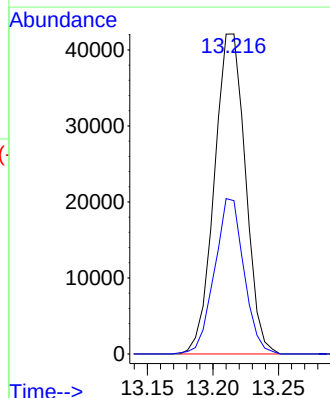
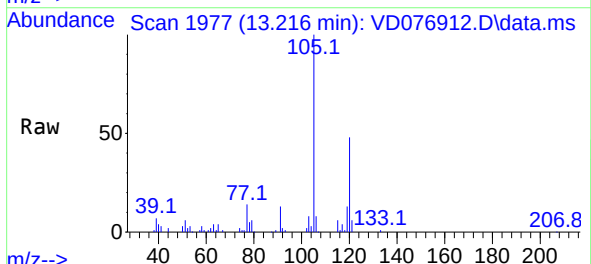
Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

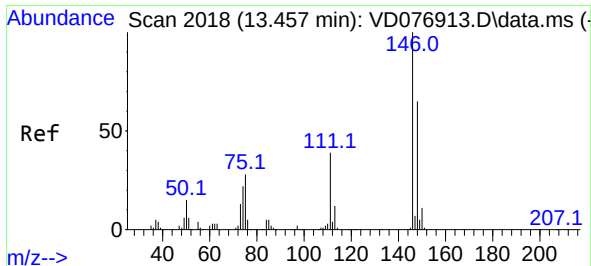
Tgt Ion:105 Resp: 69346
Ion Ratio Lower Upper
105 100
120 50.5 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 4.309 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion:105 Resp: 69310
Ion Ratio Lower Upper
105 100
120 46.1 37.5 56.3

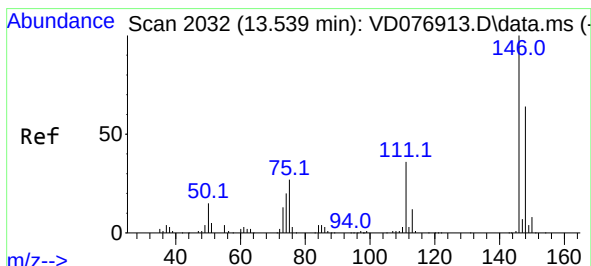
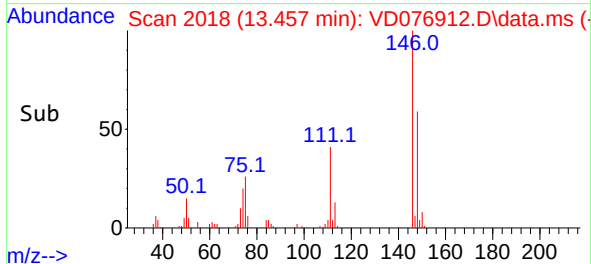
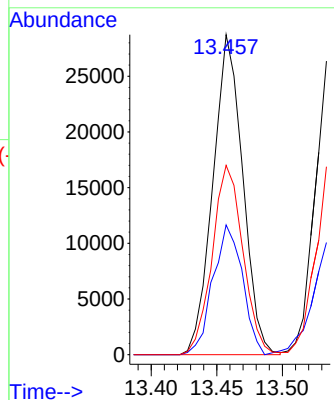
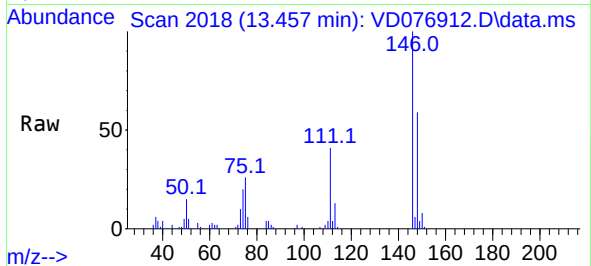




#64
1,3-Dichlorobenzene
Concen: 5.019 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

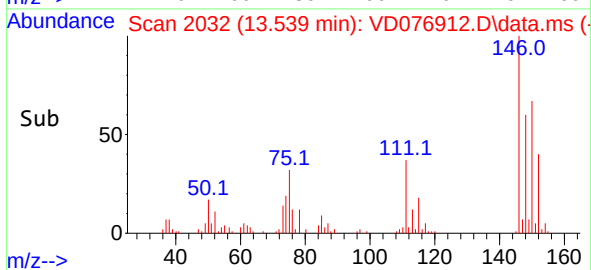
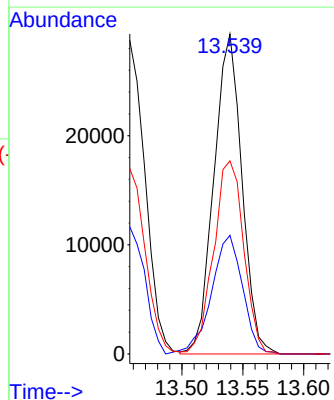
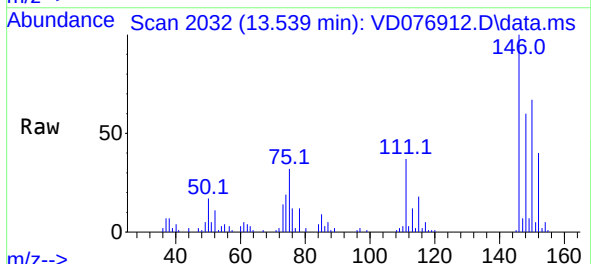
Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

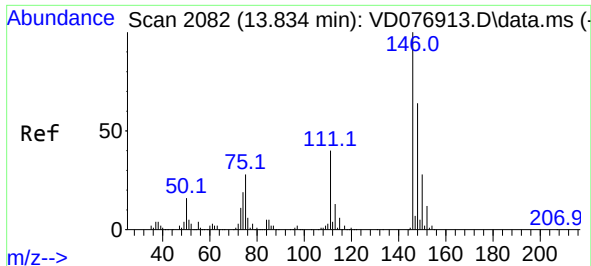
Tgt Ion:146 Resp: 45476
Ion Ratio Lower Upper
146 100
111 40.6 25.6 47.4
148 59.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.097 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion:146 Resp: 46984
Ion Ratio Lower Upper
146 100
111 37.1 25.7 47.7
148 60.4 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 5.186 ug/L

RT: 13.828 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VD076912.D

Acq: 03 Aug 2023 10:33

Instrument :

MSVOA_D

ClientSampleId :

VSTD005159

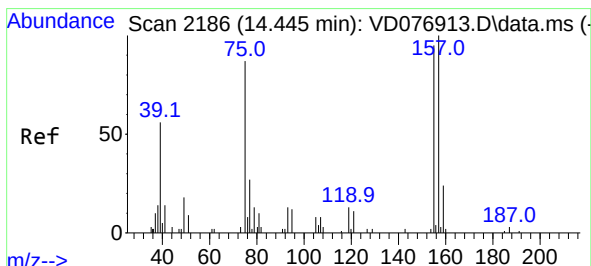
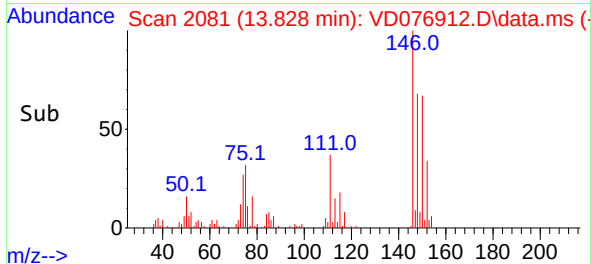
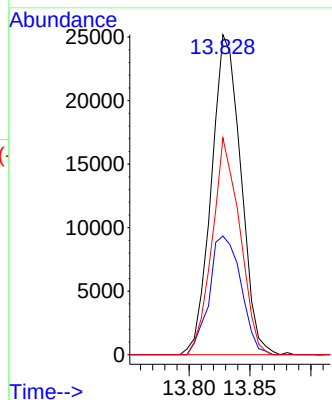
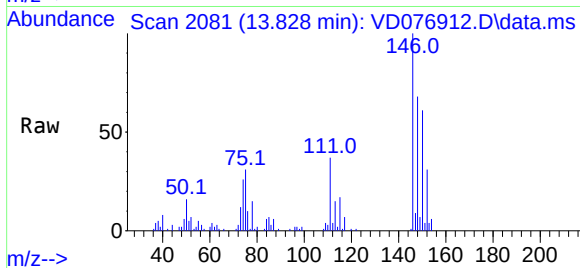
Tgt Ion:146 Resp: 42368

Ion Ratio Lower Upper

146 100

111 37.1 31.3 46.9

148 67.7 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.407 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD076912.D

Acq: 03 Aug 2023 10:33

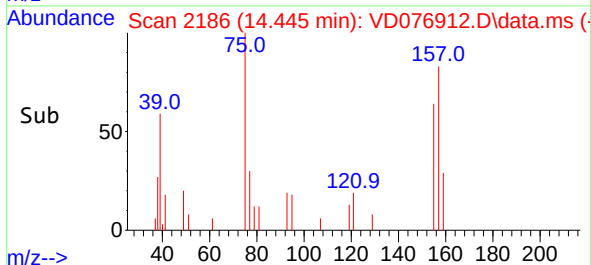
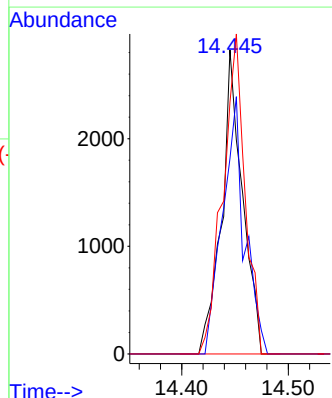
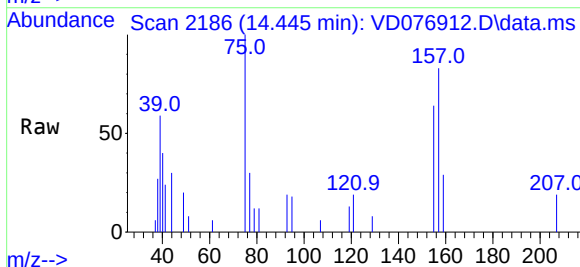
Tgt Ion: 75 Resp: 3828

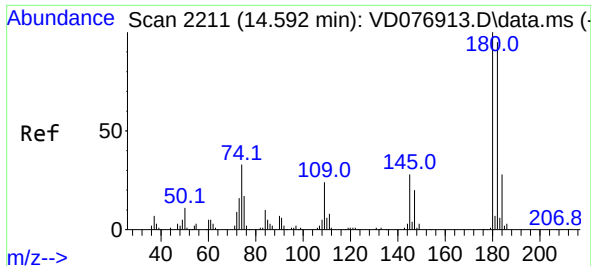
Ion Ratio Lower Upper

75 100

155 64.2 76.2 114.4#

157 82.7 89.4 134.2#



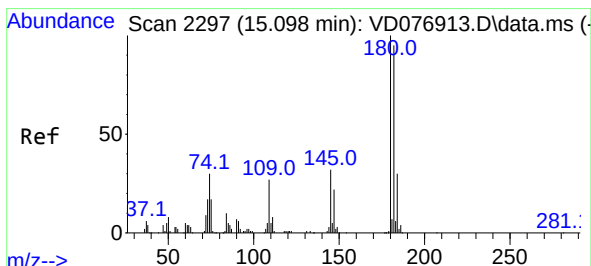
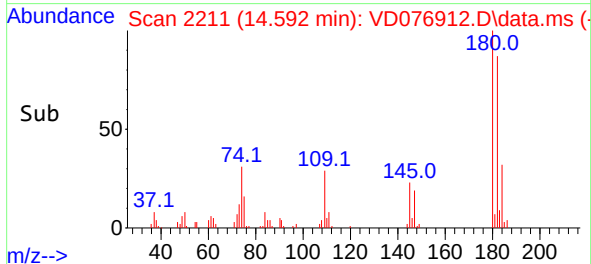
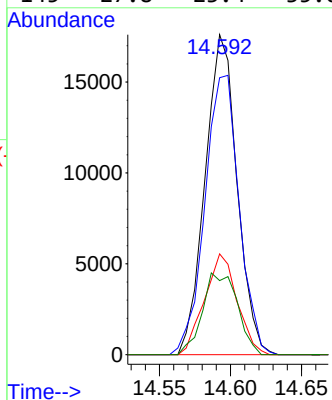
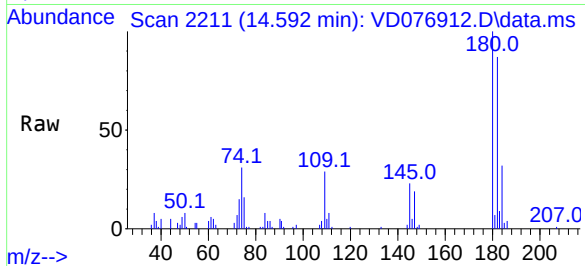


#69
1,3,5-Trichlorobenzene
Concen: 4.601 ug/L
RT: 14.592 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

Tgt Ion:180 Resp: 27587

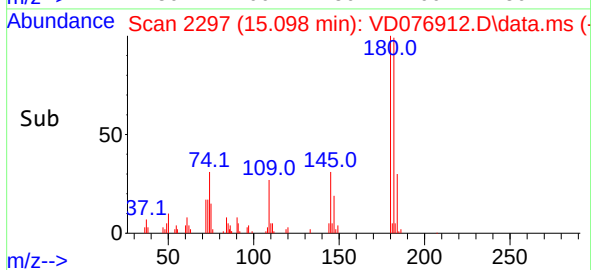
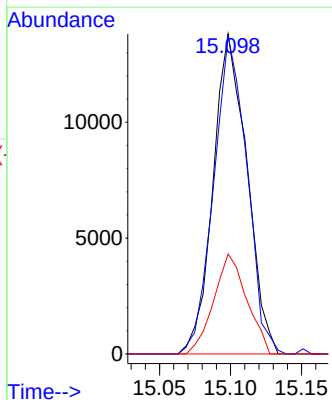
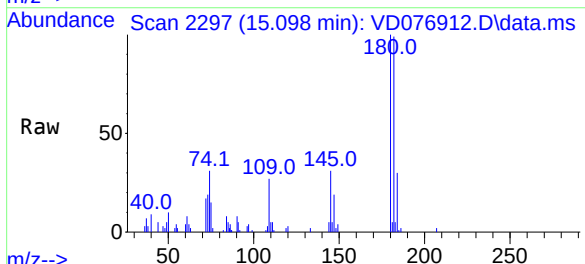
Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.1	115.7
184	32.0	25.0	37.4
145	27.8	23.4	35.0

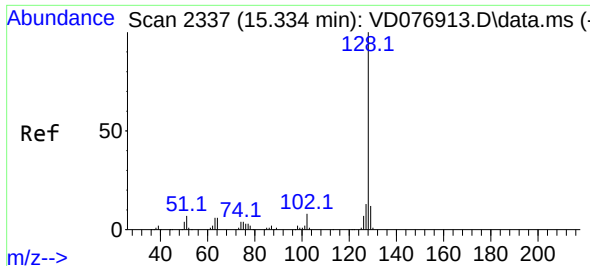


#70
1,2,4-trichlorobenzene
Concen: 4.288 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion:180 Resp: 22845

Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.9	115.3
145	30.5	23.5	35.3

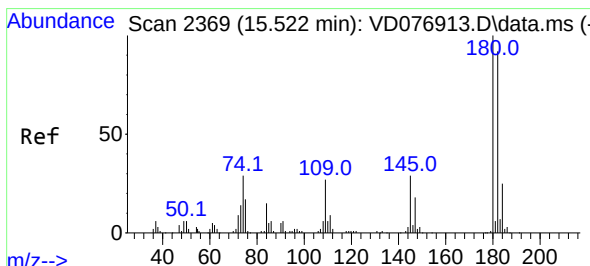
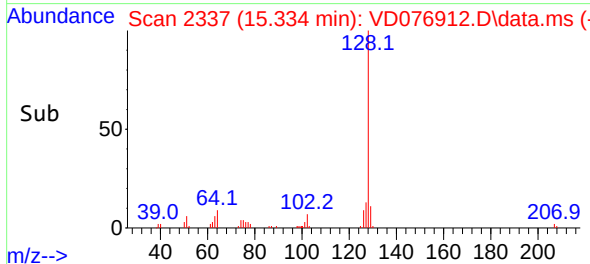
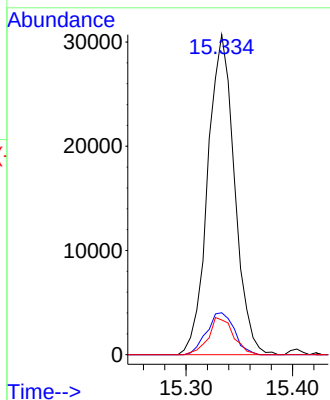
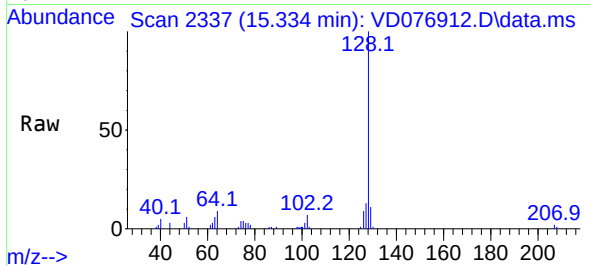




#71
Naphthalene
Concen: 5.043 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Instrument :
MSVOA_D
ClientSampleId :
VSTD005159

Tgt Ion:	128	Resp:	53590
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.8	16.2
129	10.8	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 4.751 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD076912.D
Acq: 03 Aug 2023 10:33

Tgt Ion:	180	Resp:	22243
Ion	Ratio	Lower	Upper
180	100		
182	97.2	74.3	111.5
145	31.0	25.0	37.6

