

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076071.D
 Acq On : 11 May 2023 10:35
 Operator : KP/SY
 Sample : VSTD2.5
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5146

Quant Time: May 12 01:48:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 01:47:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	397746	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	360417	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	180350	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	20339	3.343	ug/L	0.00
7) Chloroethane-d5	2.805	69	18199	3.258	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	2757	1.800	ug/L	0.00
21) 2-Butanone-d5	6.987	46	2297	2.773	ug/L	0.00
24) Chloroform-d	7.569	84	25879	3.106	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	11153	3.044	ug/L	0.00
32) Benzene-d6	8.199	84	48537	2.987	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.204	67	15209	3.038	ug/L	0.00
41) Toluene-d8	10.269	98	40591	2.803	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.534	79	5385	2.865	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	3309	4.513	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	11645	2.701	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	15637	3.035	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	13183	2.650	ug/L	99
3) Chloromethane	2.146	50	19405	2.744	ug/L	86
5) Vinyl chloride	2.281	62	24992	2.768	ug/L	99
6) Bromomethane	2.687	94	15614	2.788	ug/L	96
8) Chloroethane	2.834	64	16397	2.830	ug/L	96
9) Trichlorofluoromethane	3.175	101	19921	2.695	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	14445	2.744	ug/L	98
12) 1,1-Dichloroethene	3.934	96	7374	1.563	ug/L	85
13) Acetone	4.022	43	2031	2.773	ug/L	59
14) Carbon disulfide	4.269	76	39384	2.680	ug/L	97
15) Methyl Acetate	4.569	43	2998	1.897	ug/L #	92
16) Methylene chloride	4.793	84	17572	2.717	ug/L	92
17) trans-1,2-Dichloroethene	5.305	96	6940	1.374	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	20384	2.273	ug/L #	89
19) 1,1-Dichloroethane	6.105	63	23904	2.776	ug/L	89
20) cis-1,2-Dichloroethene	7.075	96	13845	2.472	ug/L	91
22) 2-Butanone	7.087	43	4287	4.191	ug/L	79
23) Bromochloromethane	7.416	128	7243	2.645	ug/L #	95
25) Chloroform	7.593	83	25034	2.723	ug/L	98
27) 1,2-Dichloroethane	8.328	62	12759	2.633	ug/L #	91
29) Cyclohexane	7.875	56	9211	1.541	ug/L #	74
30) 1,1,1-Trichloroethane	7.793	97	20294	2.772	ug/L	99
31) Carbon tetrachloride	7.993	117	14528	2.519	ug/L	100
33) Benzene	8.252	78	49637	2.477	ug/L	100
34) Trichloroethene	9.022	95	14283	2.762	ug/L	91
35) Methylcyclohexane	9.275	83	17774	2.268	ug/L	91
37) 1,2-Dichloropropane	9.305	63	12980	2.540	ug/L #	95
38) Bromodichloromethane	9.587	83	17499	2.672	ug/L #	91
39) cis-1,3-Dichloropropene	10.016	75	17492	2.376	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	8749	4.247	ug/L	90
42) Toluene	10.334	91	50088	2.342	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	14650	2.385	ug/L	97

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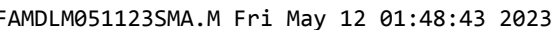
Quant Time: May 12 01:48:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 01:47:58 2023
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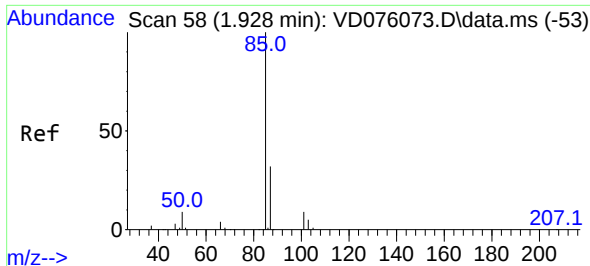
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.734	97	10711	2.595	ug/L	94
46) Tetrachloroethene	10.810	164	11262	2.606	ug/L	89
48) 2-Hexanone	10.922	43	6330	4.234	ug/L #	85
49) Dibromochloromethane	11.075	129	11447	2.571	ug/L	95
50) 1,2-Dibromoethane	11.181	107	9031	2.478	ug/L #	93
51) Chlorobenzene	11.604	112	38525	2.646	ug/L	99
52) Ethylbenzene	11.687	91	53179	2.396	ug/L	99
53) m,p-Xylene	11.798	106	19285	2.229	ug/L	90
54) o-Xylene	12.122	106	17698	2.156	ug/L	95
55) Styrene	12.134	104	31347	2.156	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	11466	2.482	ug/L #	99
59) Bromoform	12.298	173	7119	2.716	ug/L #	93
60) Isopropylbenzene	12.422	105	45818	2.237	ug/L	96
61) 1,2,3-Trichloropropane	12.728	75	7614	2.625	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	33482	2.131	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	32810	2.184	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	27360	2.573	ug/L	95
65) 1,4-Dichlorobenzene	13.540	146	30289	2.739	ug/L	92
67) 1,2-Dichlorobenzene	13.834	146	26250	2.707	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	1563	2.686	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.592	180	18734	2.773	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	12418	2.323	ug/L	97
71) Naphthalene	15.334	128	21625	2.152	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	11510	2.367	ug/L	98

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

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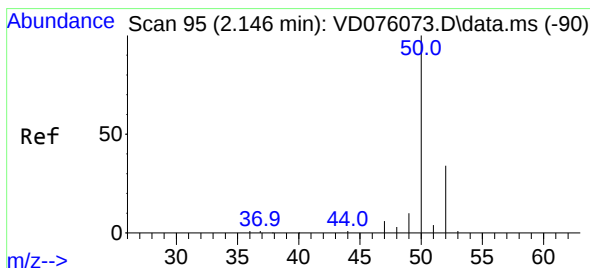
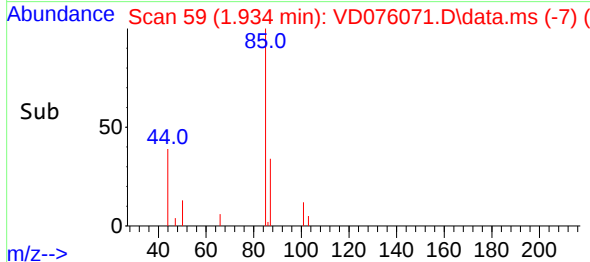
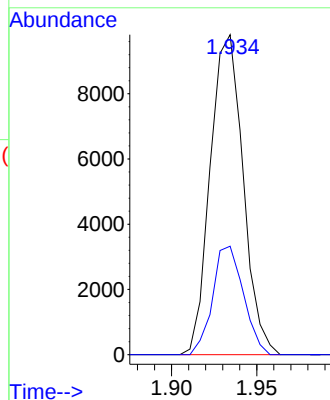
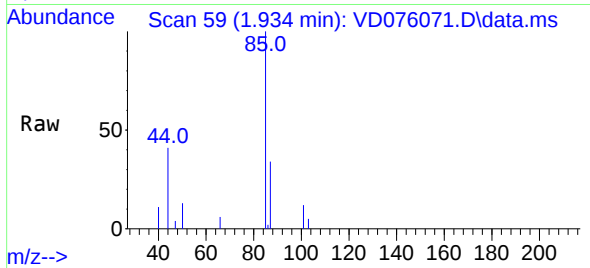




#2
 Dichlorodifluoromethane
 Concen: 2.650 ug/L
 RT: 1.934 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VD076071.D
 Acq: 11 May 2023 10:35

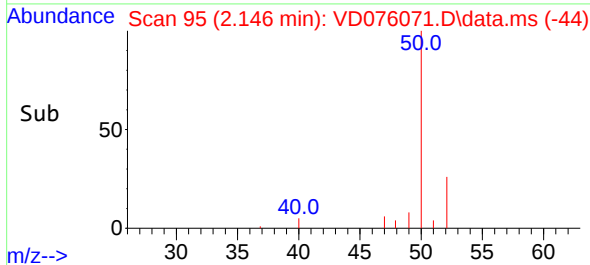
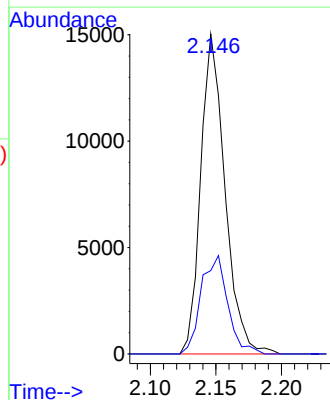
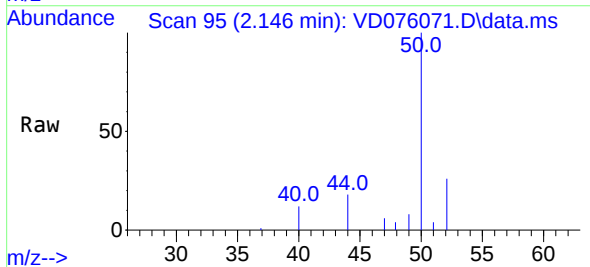
Instrument :
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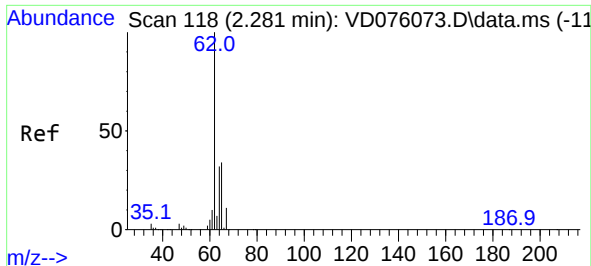
Tgt Ion: 85 Resp: 13183
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.8 38.8



#3
 Chloromethane
 Concen: 2.744 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD076071.D
 Acq: 11 May 2023 10:35

Tgt Ion: 50 Resp: 19405
 Ion Ratio Lower Upper
 50 100
 52 26.1 23.7 44.1

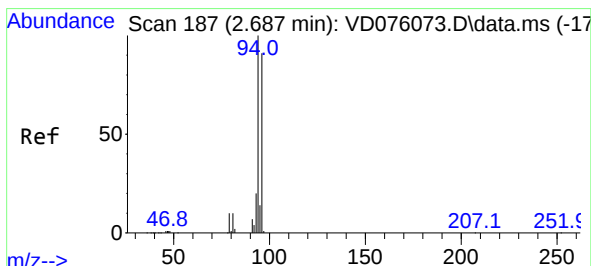
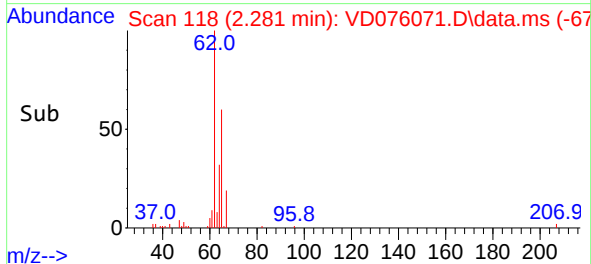
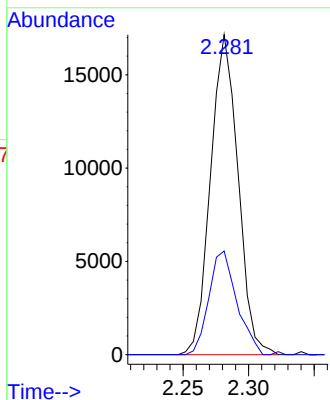
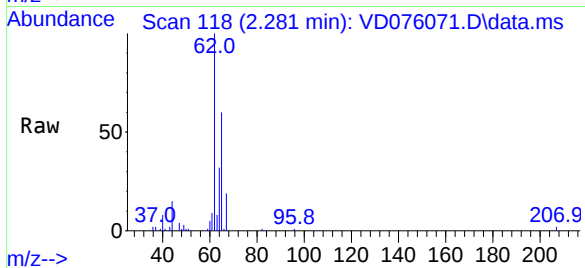




#5
 Vinyl chloride
 Concen: 2.768 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD076071.D
 Acq: 11 May 2023 10:35

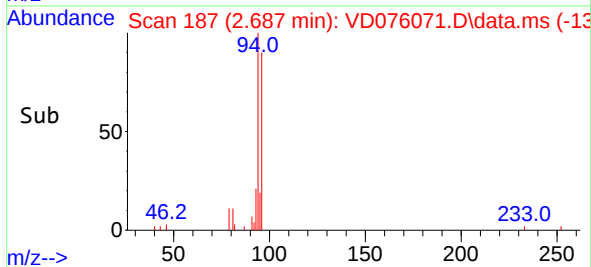
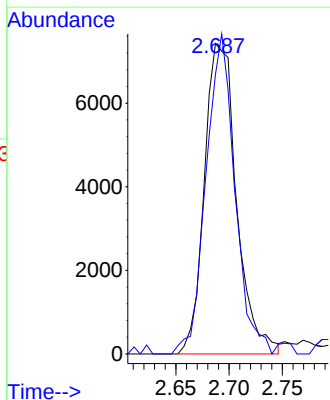
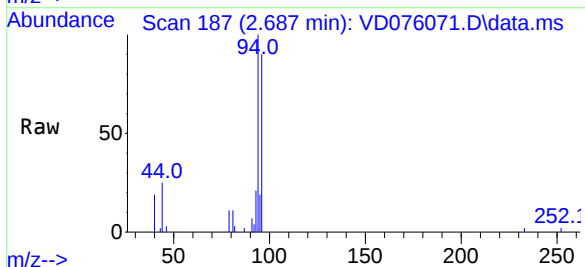
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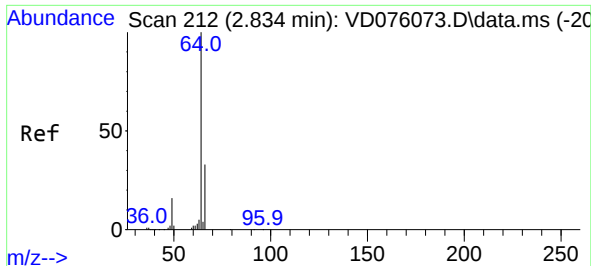
Tgt Ion: 62 Resp: 24992
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.2 43.0



#6
 Bromomethane
 Concen: 2.788 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD076071.D
 Acq: 11 May 2023 10:35

Tgt Ion: 94 Resp: 15614
 Ion Ratio Lower Upper
 94 100
 96 90.1 65.7 121.9

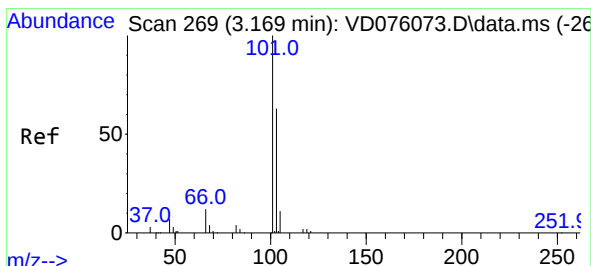
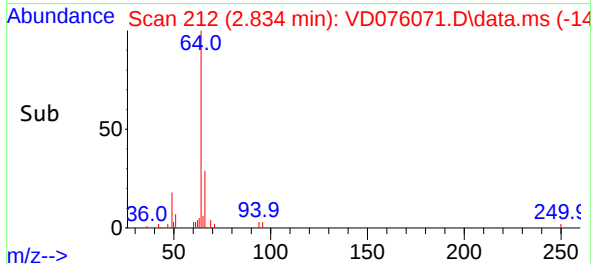
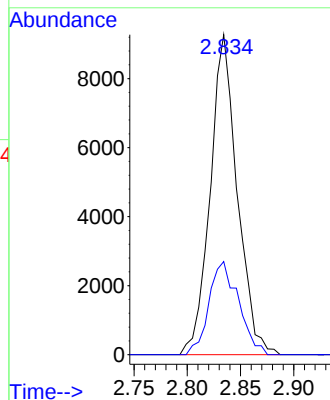
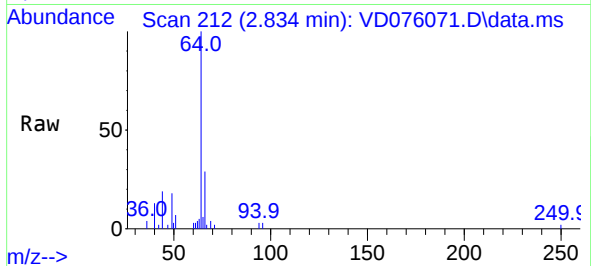




#8
Chloroethane
Concen: 2.830 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

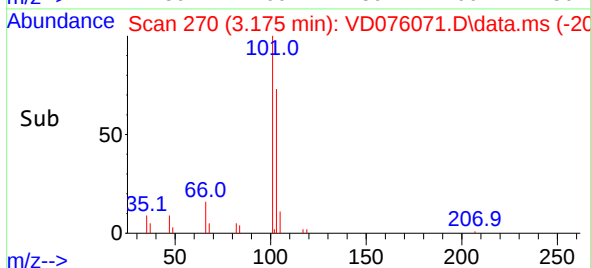
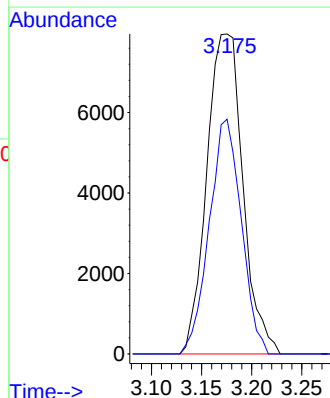
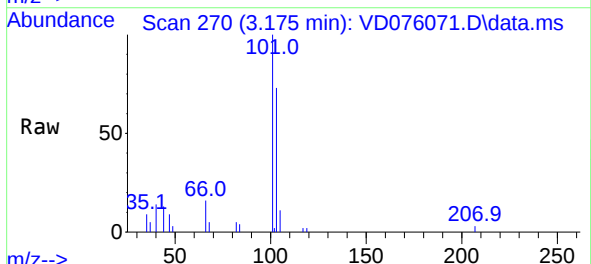
Instrument :
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ClientSampleId :
VSTD2.5146

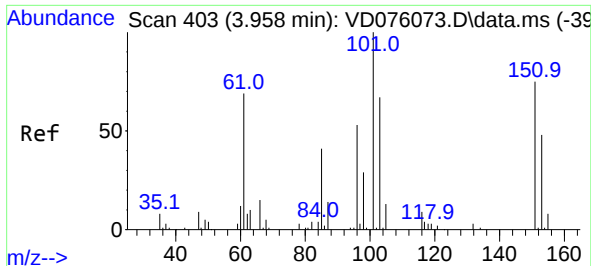
Tgt Ion: 64 Resp: 16397
Ion Ratio Lower Upper
64 100
66 29.1 21.8 40.4



#9
Trichlorofluoromethane
Concen: 2.695 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.006 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion: 101 Resp: 19921
Ion Ratio Lower Upper
101 100
103 65.1 52.2 78.4

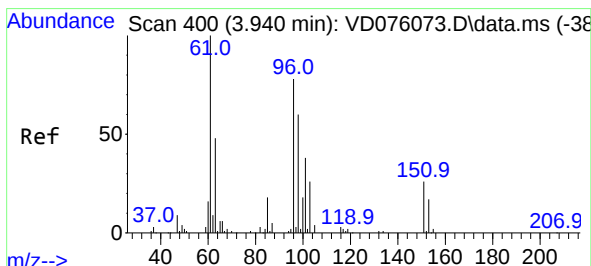
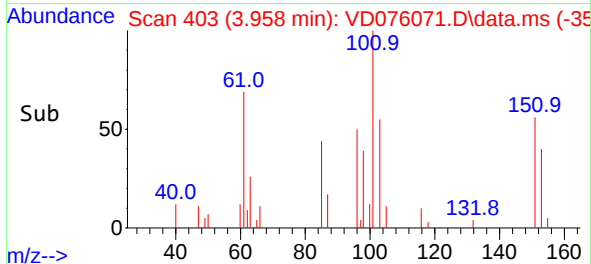
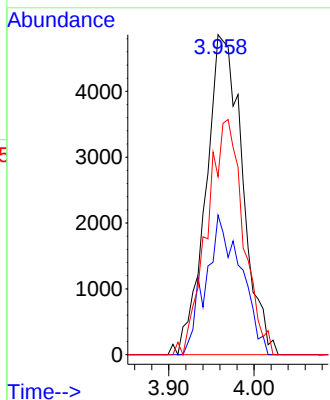
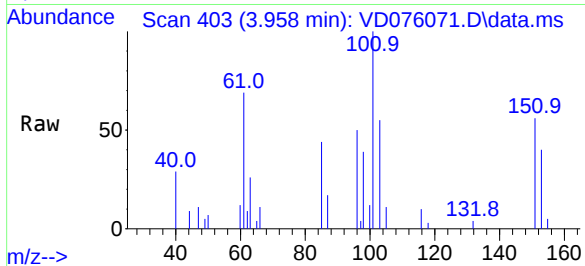




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.744 ug/L
 RT: 3.958 min Scan# 403
 Delta R.T. 0.000 min
 Lab File: VD076071.D
 Acq: 11 May 2023 10:35

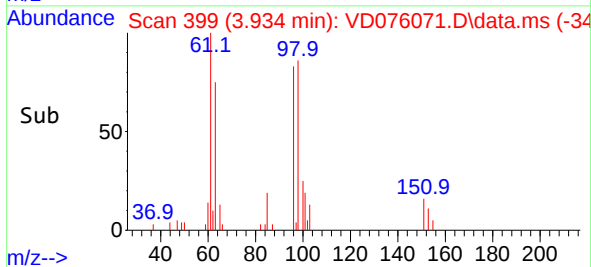
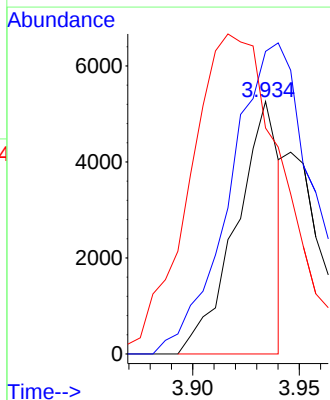
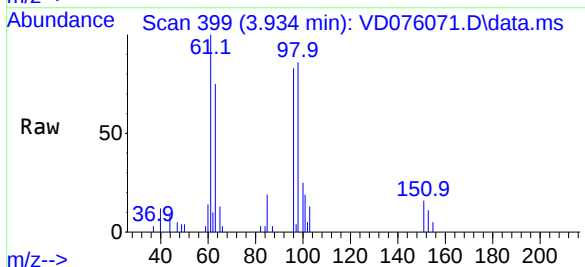
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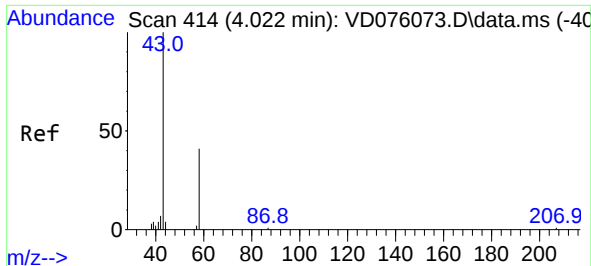
Tgt Ion:	101	Resp:	14445
Ion	Ratio	Lower	Upper
101	100		
85	42.2	32.9	49.3
151	73.0	57.2	85.8



#12
 1,1-Dichloroethene
 Concen: 1.563 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: VD076071.D
 Acq: 11 May 2023 10:35

Tgt Ion:	96	Resp:	7374
Ion	Ratio	Lower	Upper
96	100		
61	119.9	92.6	172.0
63	89.5	77.4	143.8

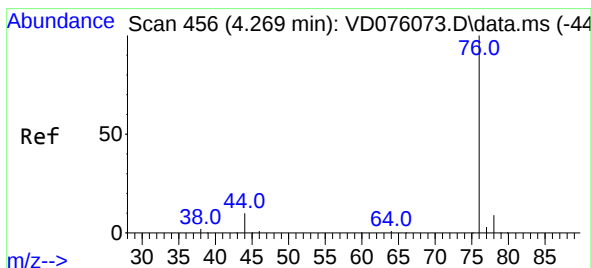
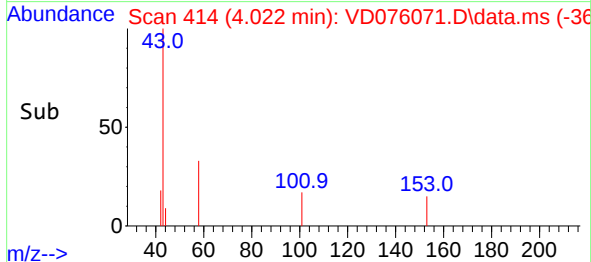
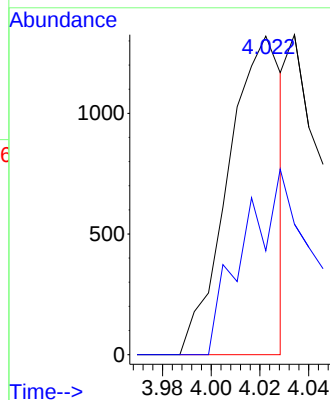
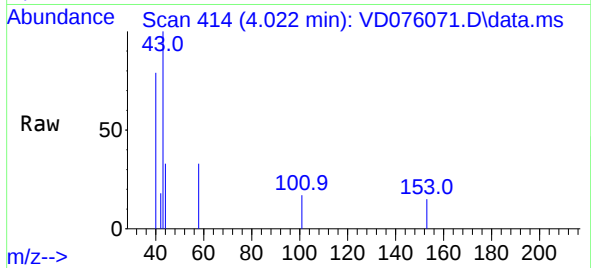




#13
Acetone
Concen: 2.773 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

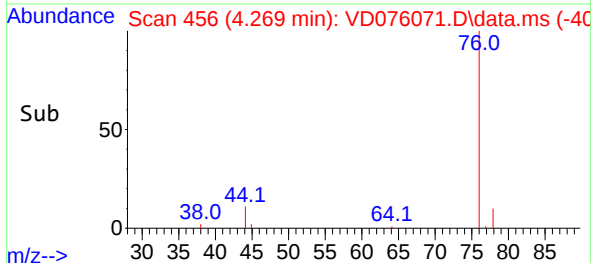
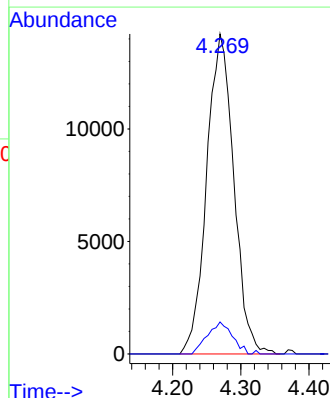
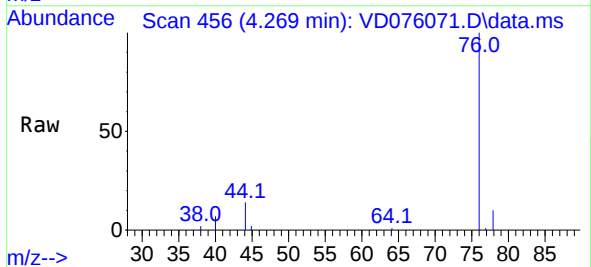
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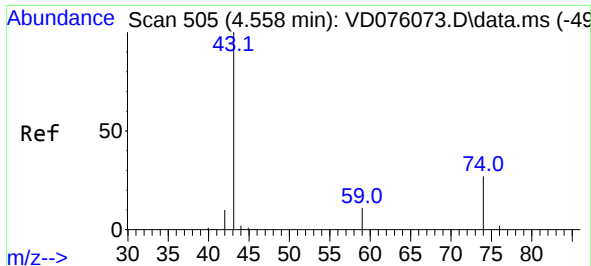
Tgt Ion: 43 Resp: 2031
Ion Ratio Lower Upper
43 100
58 70.1 0.0 87.4



#14
Carbon disulfide
Concen: 2.680 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion: 76 Resp: 39384
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.6

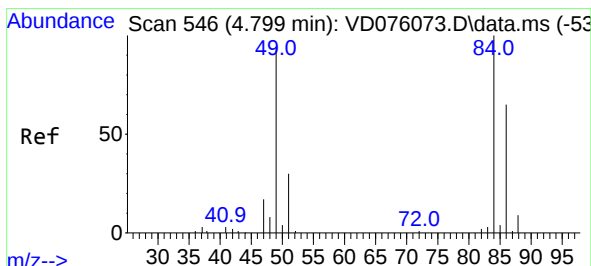
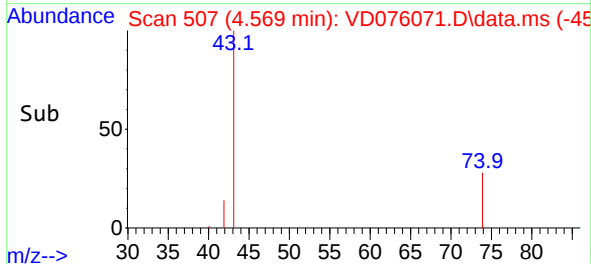
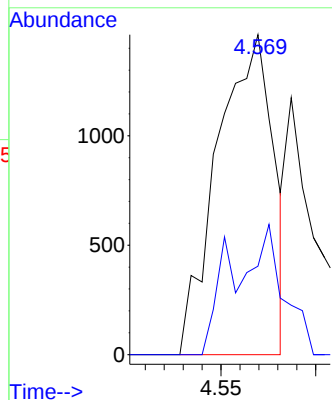
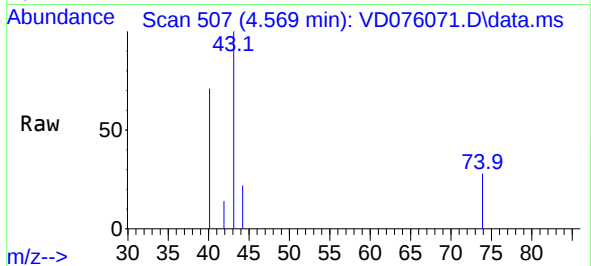




#15
Methyl Acetate
Concen: 1.897 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.012 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

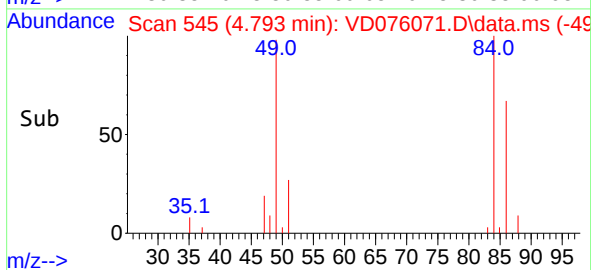
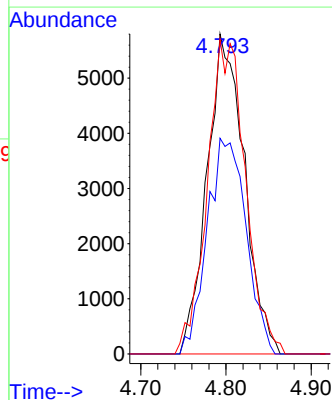
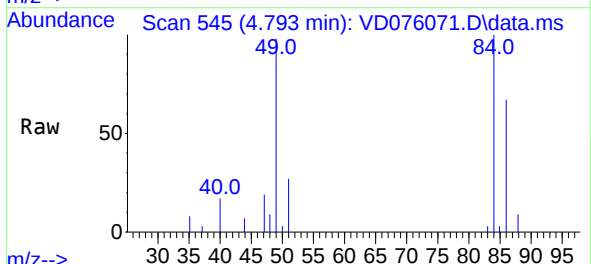
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

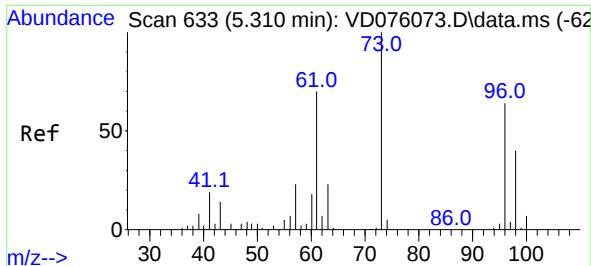
Tgt Ion: 43 Resp: 2998
Ion Ratio Lower Upper
43 100
74 12.7 12.8 19.2#



#16
Methylene chloride
Concen: 2.717 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion: 84 Resp: 17572
Ion Ratio Lower Upper
84 100
86 67.4 45.8 85.2
49 98.3 60.8 112.8

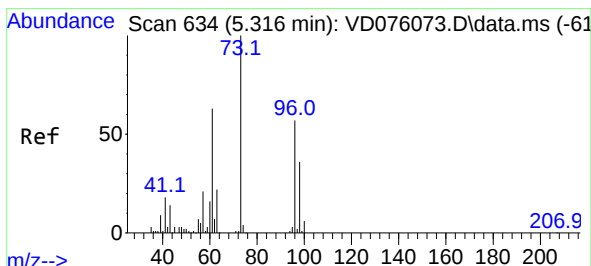
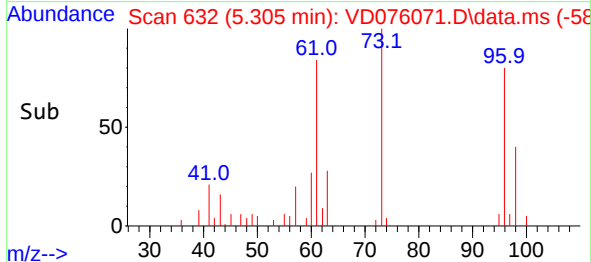
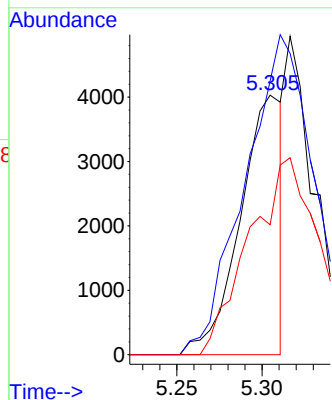
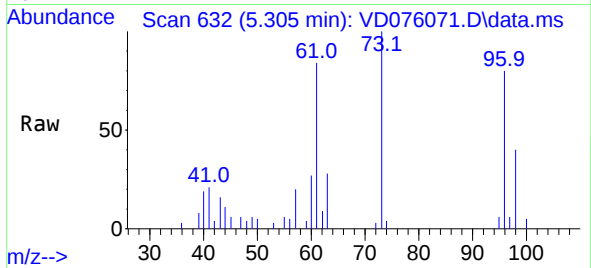




#17
trans-1,2-Dichloroethene
Concen: 1.374 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

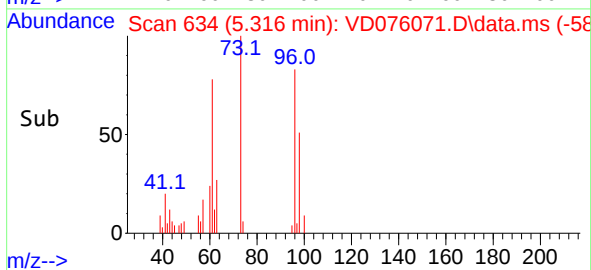
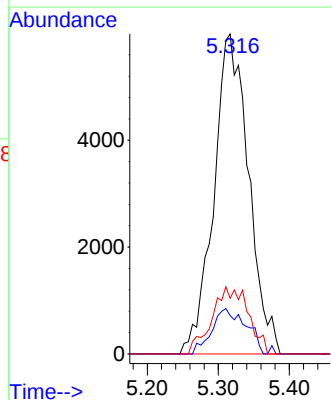
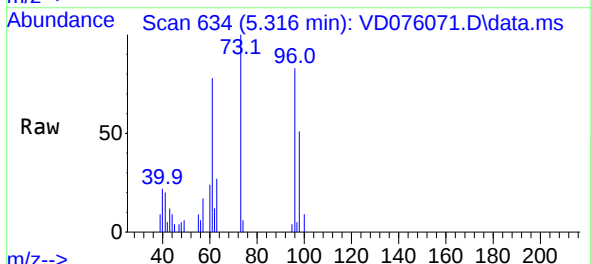
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

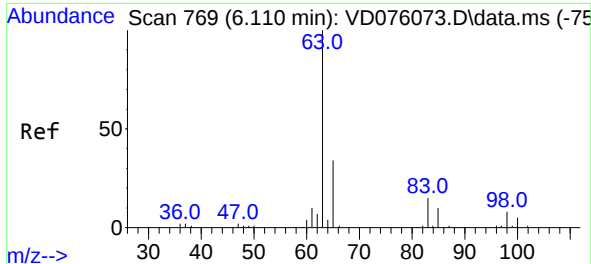
Tgt Ion: 96 Resp: 6940
Ion Ratio Lower Upper
96 100
61 105.4 72.9 135.5
98 50.1 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 2.273 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion: 73 Resp: 20384
Ion Ratio Lower Upper
73 100
43 8.9 11.3 16.9#
57 15.5 16.3 24.5#

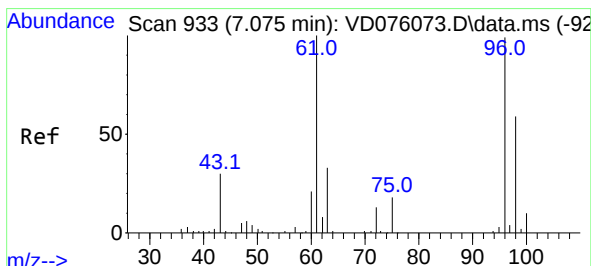
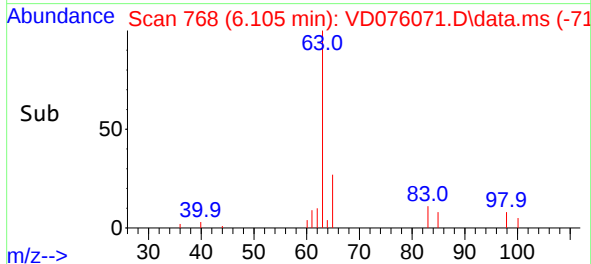
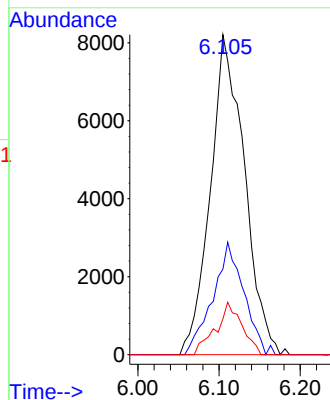
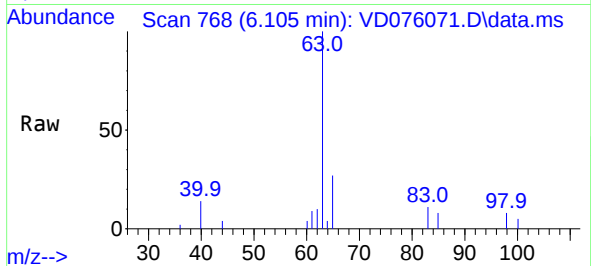




#19
1,1-Dichloroethane
Concen: 2.776 ug/L
RT: 6.105 min Scan# 769
Delta R.T. -0.006 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

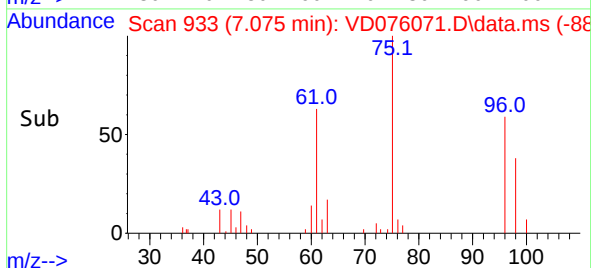
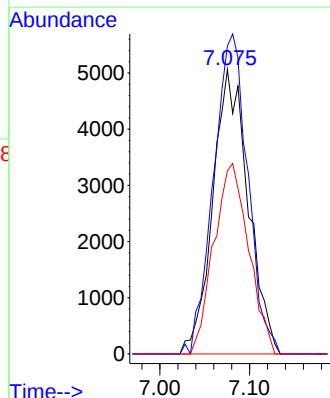
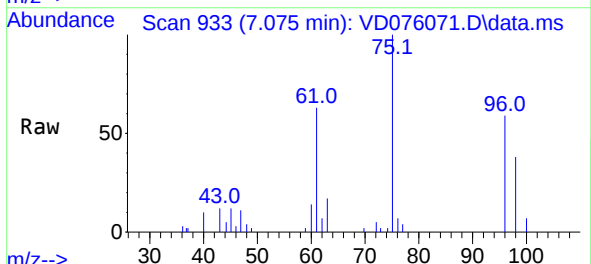
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

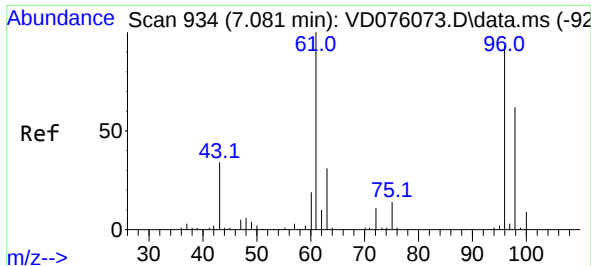
Tgt Ion:	63	Resp:	23904
Ion	Ratio	Lower	Upper
63	100		
65	26.8	22.8	42.4
83	11.2	11.2	20.8



#20
cis-1,2-Dichloroethene
Concen: 2.472 ug/L
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion:	96	Resp:	13845
Ion	Ratio	Lower	Upper
96	100		
61	108.3	67.5	125.3
98	64.4	47.5	88.1

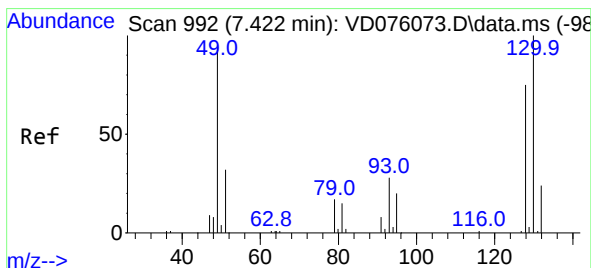
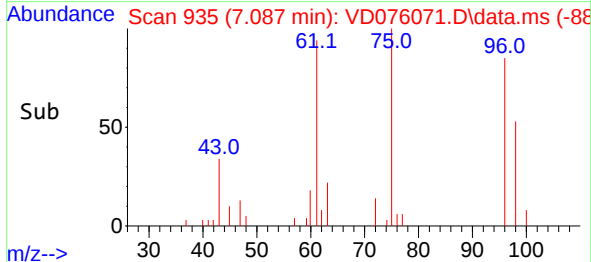
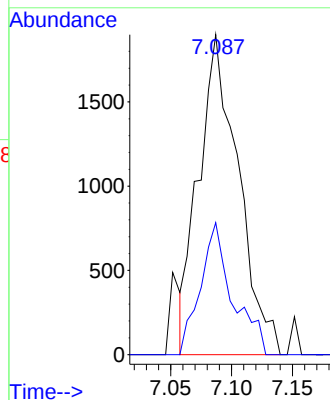
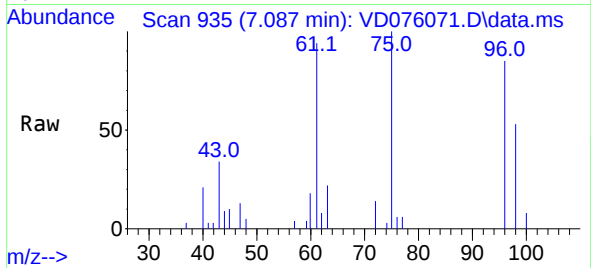




#22
2-Butanone
Concen: 4.191 ug/L
RT: 7.087 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

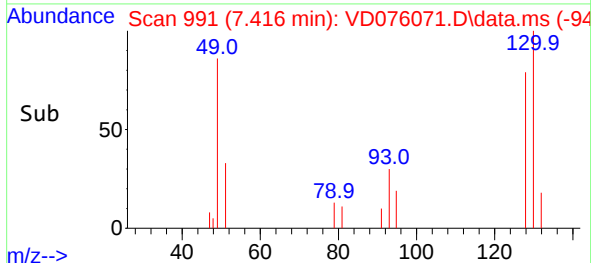
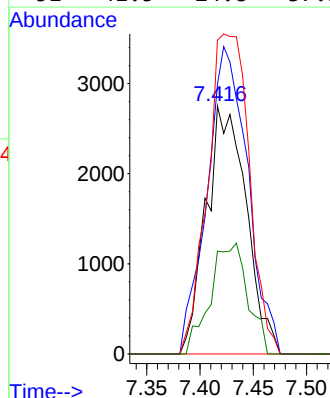
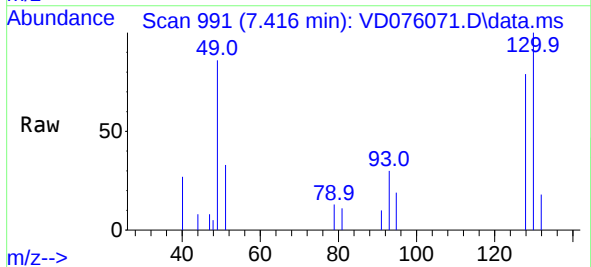
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

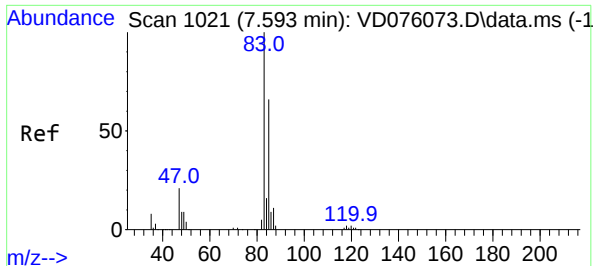
Tgt Ion: 43 Resp: 4287
Ion Ratio Lower Upper
43 100
72 28.0 20.5 61.5



#23
Bromochloromethane
Concen: 2.645 ug/L
RT: 7.416 min Scan# 991
Delta R.T. -0.006 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion: 128 Resp: 7243
Ion Ratio Lower Upper
128 100
49 108.8 76.4 142.0
130 126.5 93.5 173.7
51 41.5 24.8 37.2#





#25

Chloroform

Concen: 2.723 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD076071.D

Acq: 11 May 2023 10:35

Instrument :

MSVOA_D

ClientSampleId :

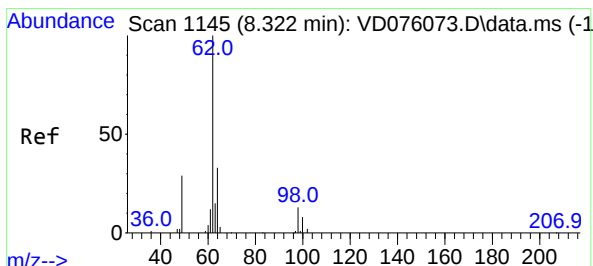
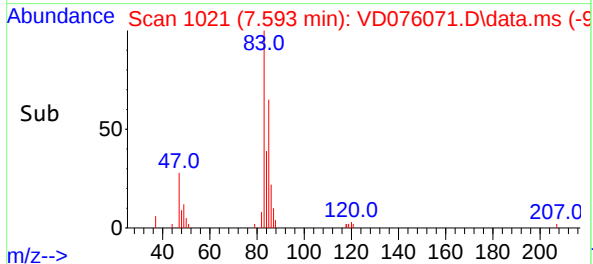
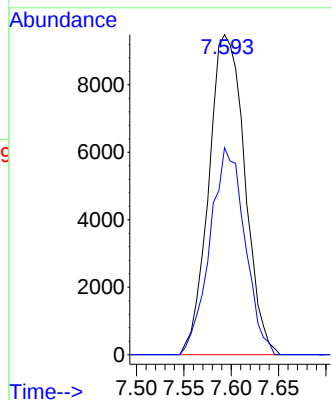
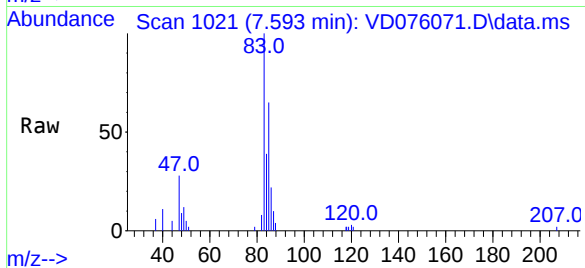
VSTD2.5146

Tgt Ion: 83 Resp: 25034

Ion Ratio Lower Upper

83 100

85 64.7 44.4 82.5



#27

1,2-Dichloroethane

Concen: 2.633 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD076071.D

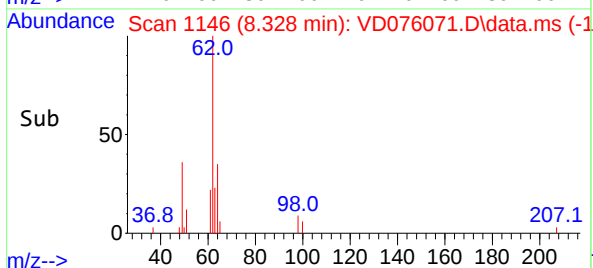
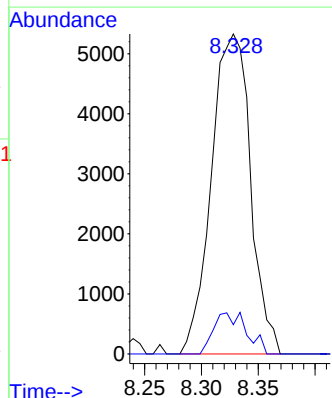
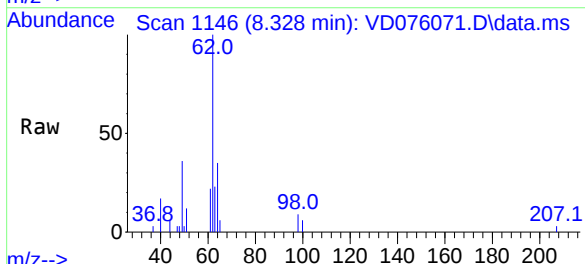
Acq: 11 May 2023 10:35

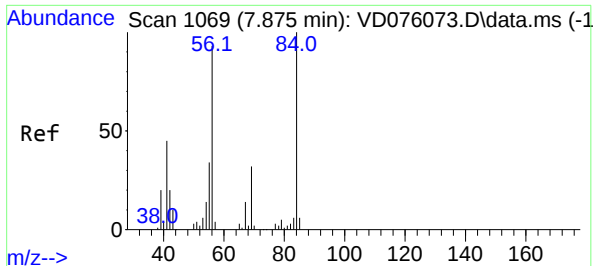
Tgt Ion: 62 Resp: 12759

Ion Ratio Lower Upper

62 100

98 9.1 10.2 15.2#

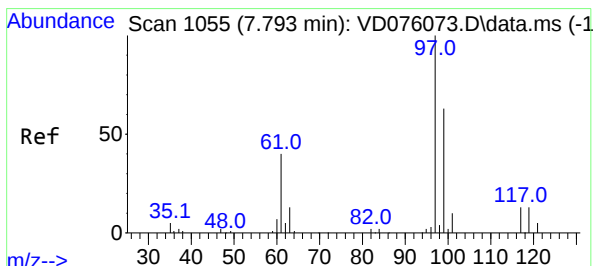
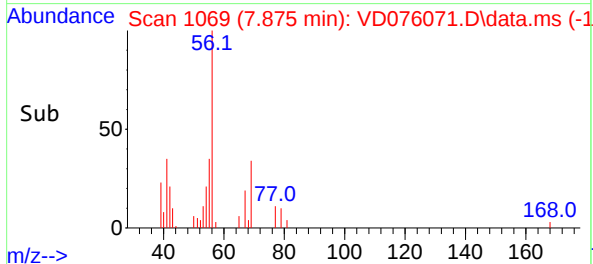
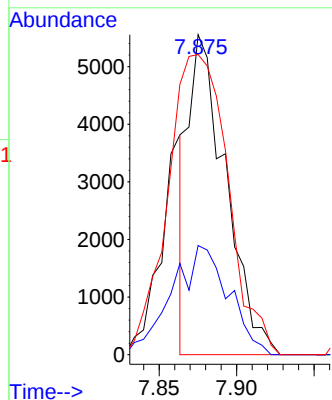
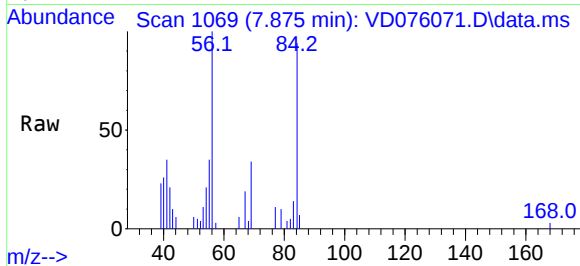




#29
Cyclohexane
Concen: 1.541 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

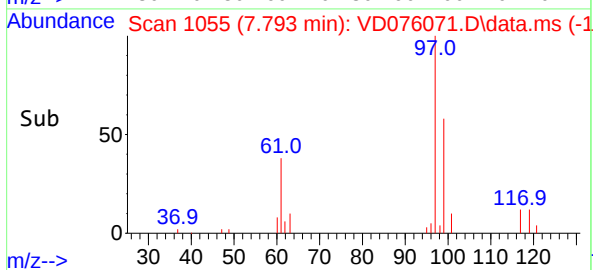
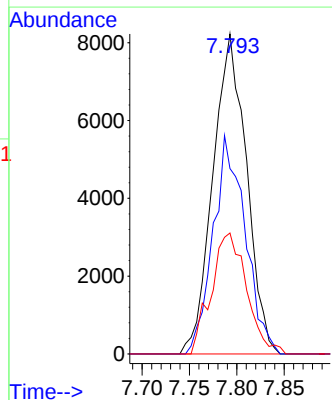
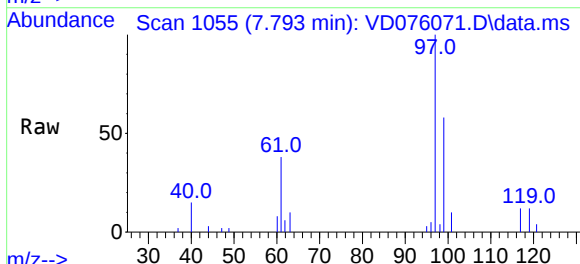
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

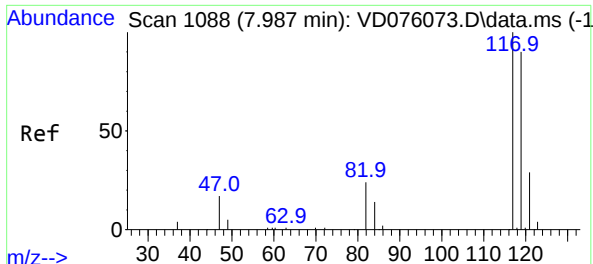
Tgt Ion:	56	Resp:	9211
Ion	Ratio	Lower	Upper
56	100		
69	31.6	28.2	42.2
84	150.2	92.4	138.6



#30
1,1,1-Trichloroethane
Concen: 2.772 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion:	97	Resp:	20294
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.5	77.3
61	39.1	32.1	48.1

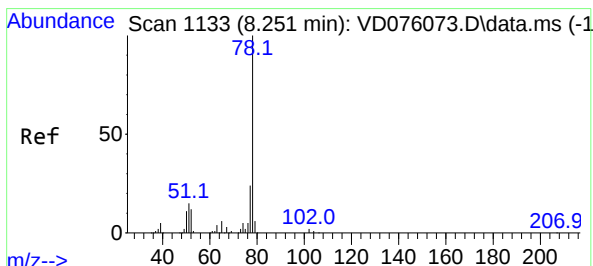
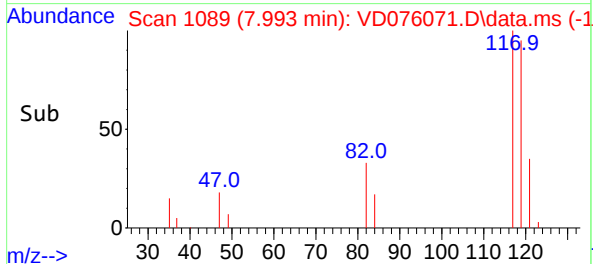
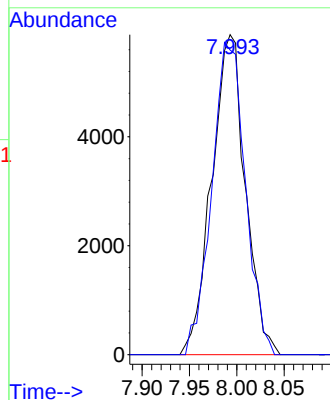
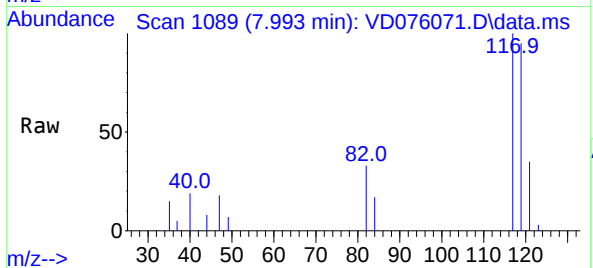




#31
Carbon tetrachloride
Concen: 2.519 ug/L
RT: 7.993 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

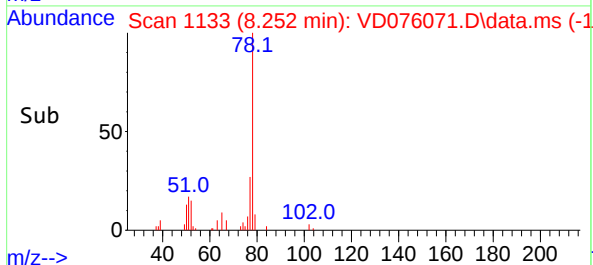
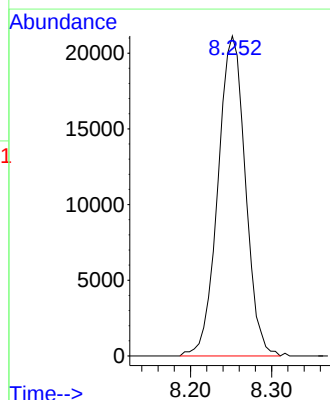
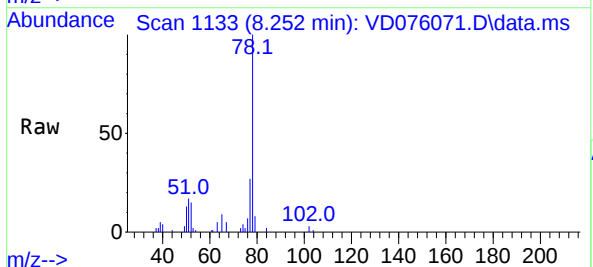
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

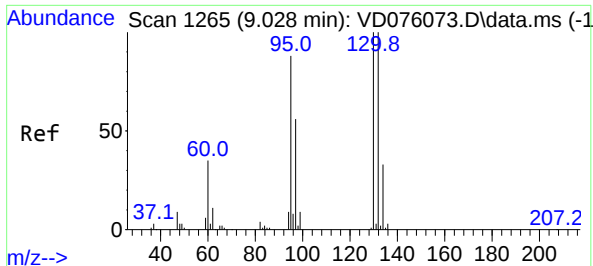
Tgt Ion:117 Resp: 14528
Ion Ratio Lower Upper
117 100
119 97.4 78.2 117.4



#33
Benzene
Concen: 2.477 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion: 78 Resp: 49637



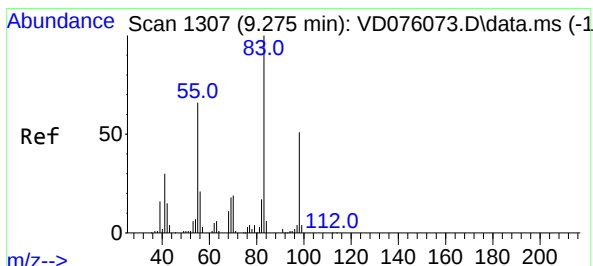
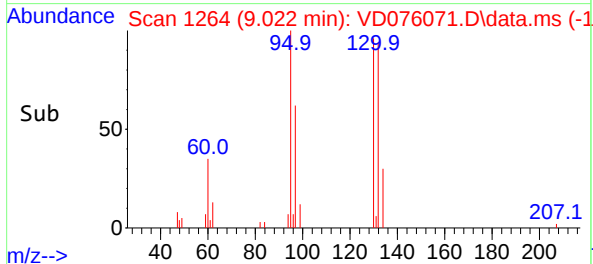
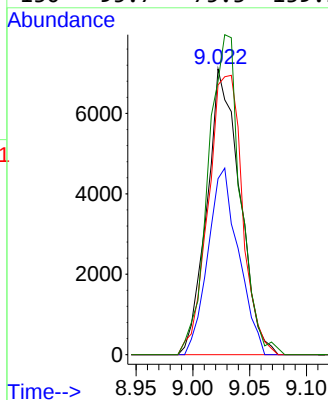
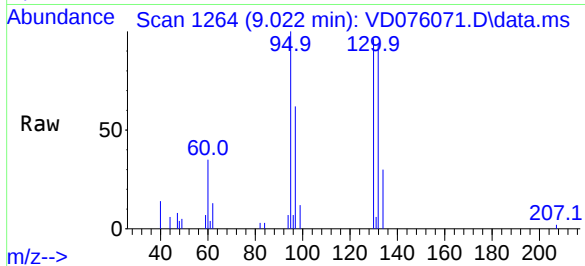


#34
Trichloroethene
Concen: 2.762 ug/L
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

Tgt Ion: 95 Resp: 14283

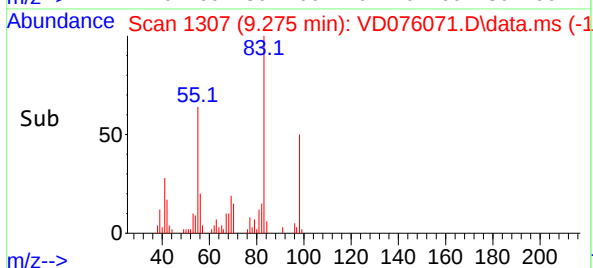
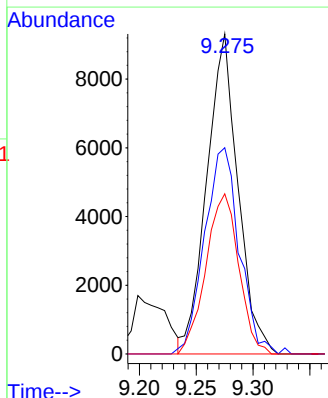
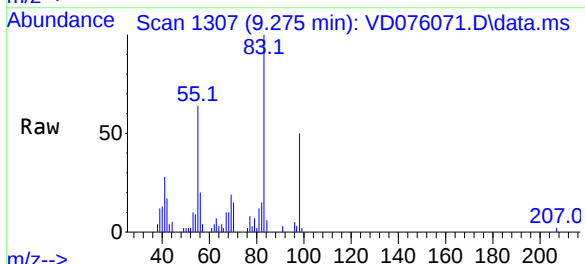
Ion	Ratio	Lower	Upper
95	100		
97	61.6	46.0	85.4
132	94.4	73.3	136.1
130	95.7	75.3	139.9

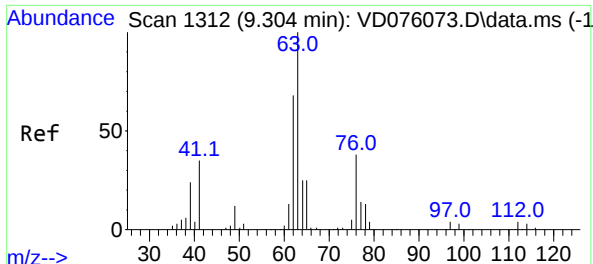


#35
Methylcyclohexane
Concen: 2.268 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion: 83 Resp: 17774

Ion	Ratio	Lower	Upper
83	100		
55	70.6	48.2	72.2
98	52.9	40.8	61.2

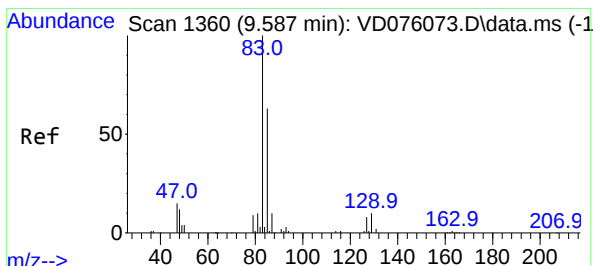
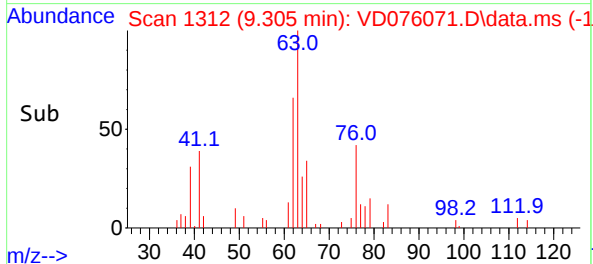
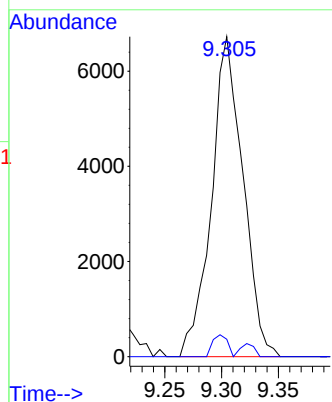
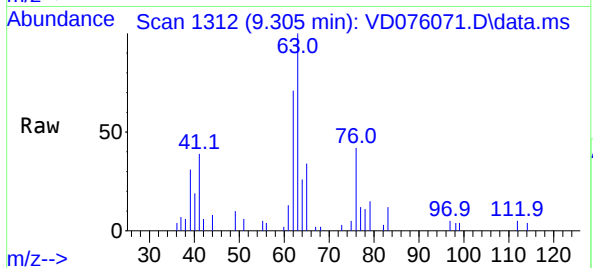




#37
1,2-Dichloropropane
Concen: 2.540 ug/L
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

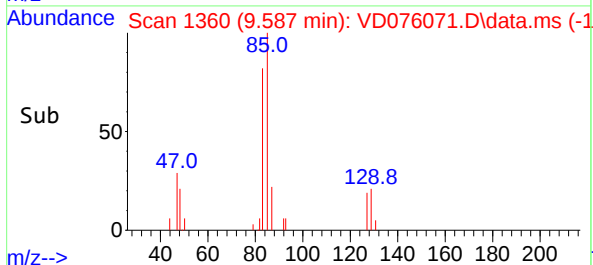
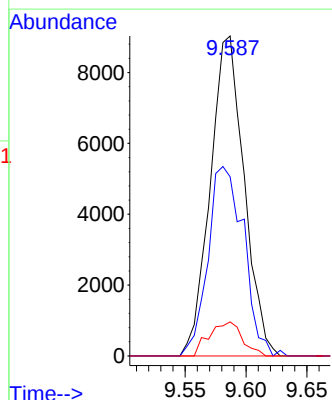
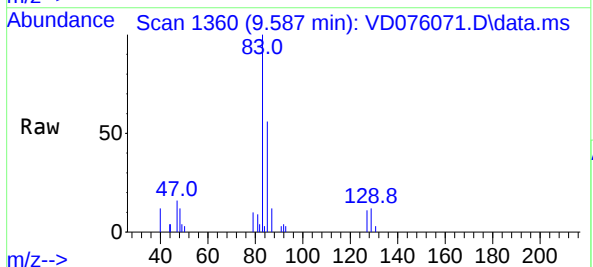
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

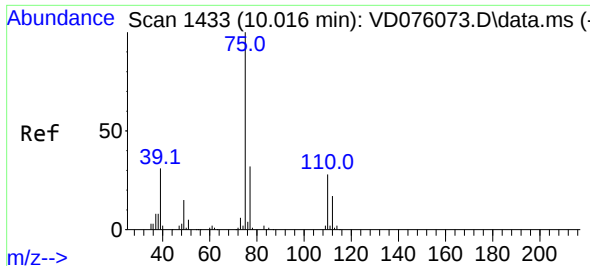
Tgt Ion: 63 Resp: 12980
Ion Ratio Lower Upper
63 100
112 3.2 4.0 6.0#



#38
Bromodichloromethane
Concen: 2.672 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion: 83 Resp: 17499
Ion Ratio Lower Upper
83 100
85 56.0 44.2 82.2
127 10.7 6.3 9.5#

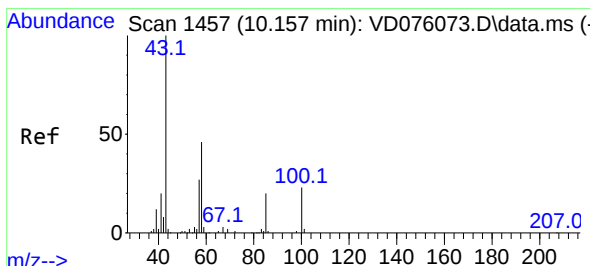
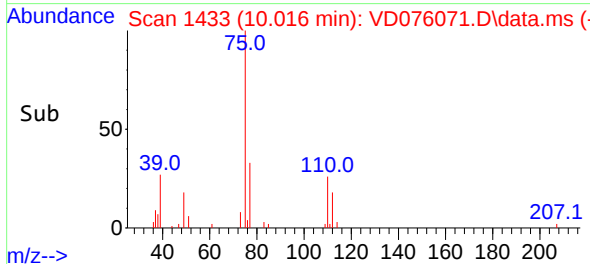
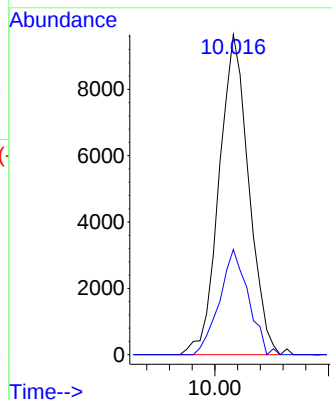
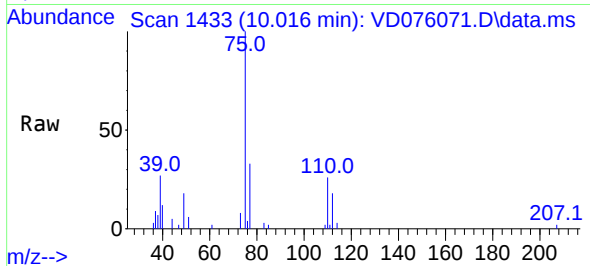




#39
cis-1,3-Dichloropropene
Concen: 2.376 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

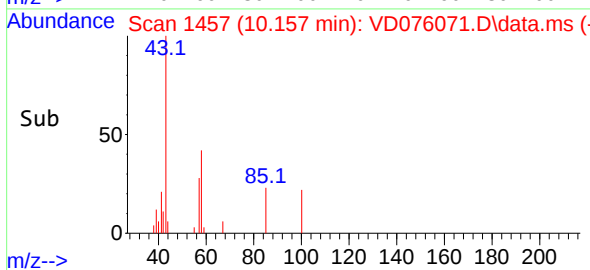
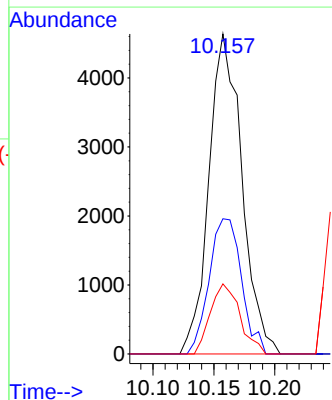
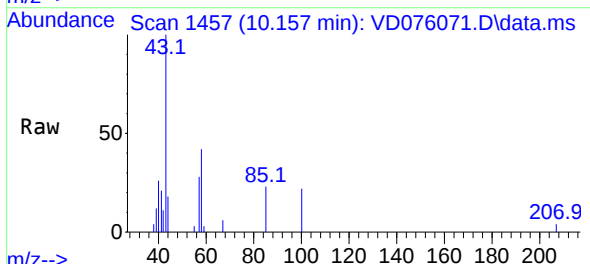
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

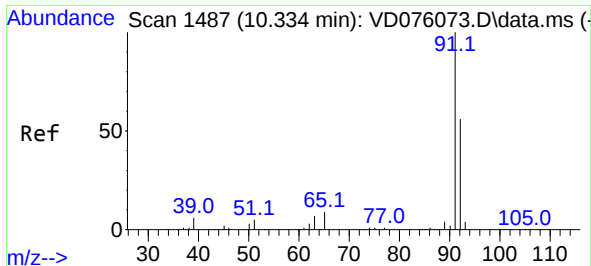
Tgt Ion: 75 Resp: 17492
Ion Ratio Lower Upper
75 100
77 32.9 23.4 43.6



#40
4-Methyl-2-pentanone
Concen: 4.247 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion: 43 Resp: 8749
Ion Ratio Lower Upper
43 100
58 41.4 39.1 58.7
100 19.6 19.4 29.0

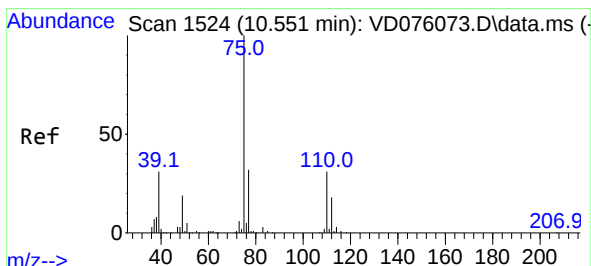
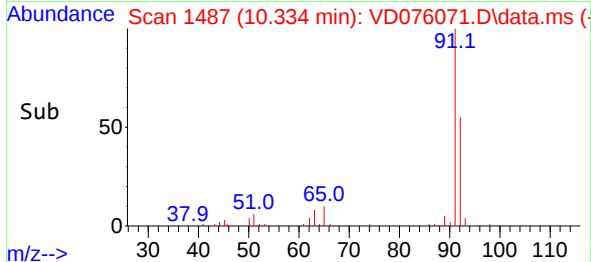
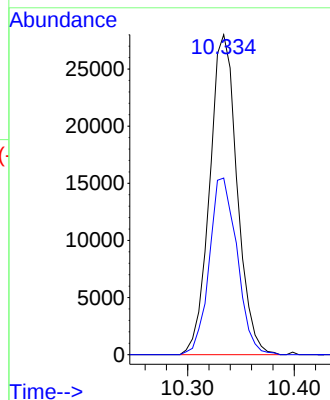
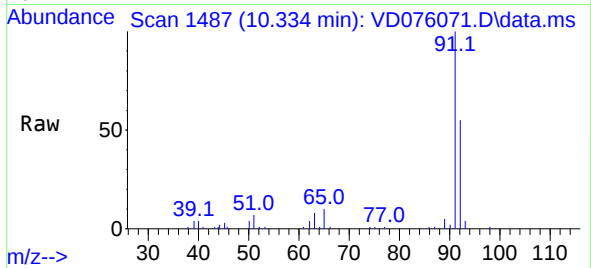




#42
Toluene
Concen: 2.342 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

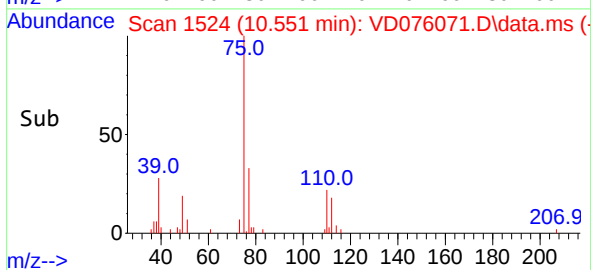
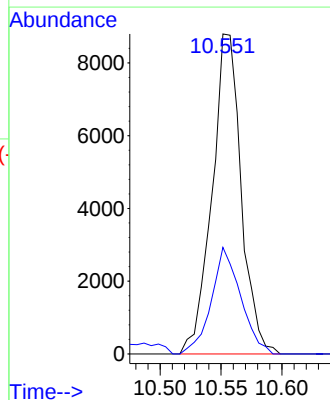
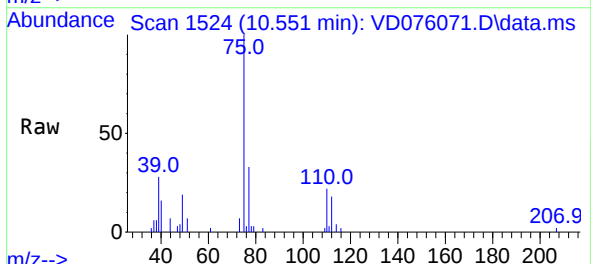
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

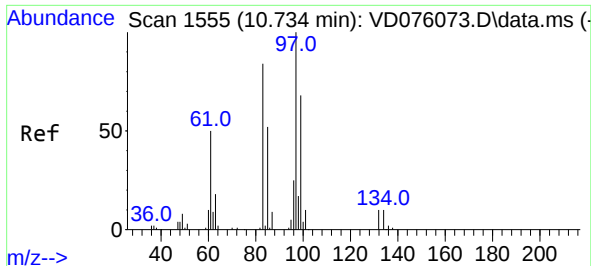
Tgt Ion: 91 Resp: 50088
Ion Ratio Lower Upper
91 100
92 55.2 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 2.385 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion: 75 Resp: 14650
Ion Ratio Lower Upper
75 100
77 33.3 22.0 41.0

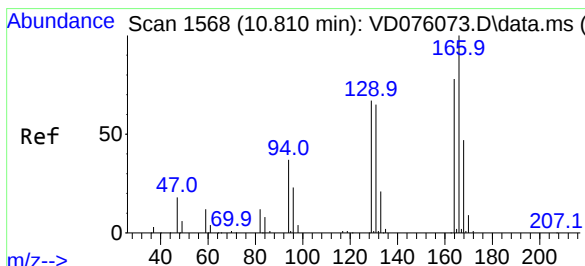
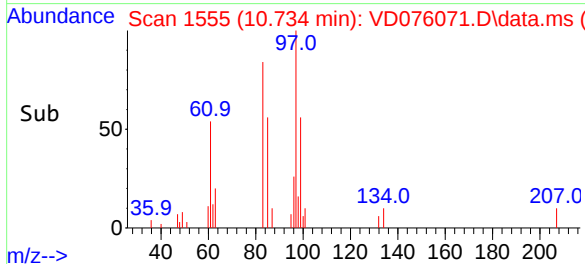
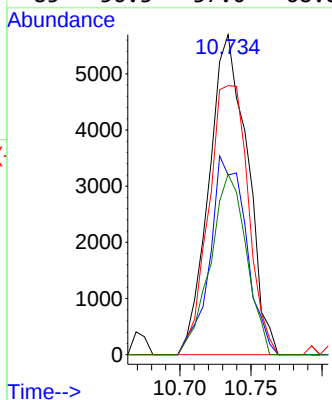
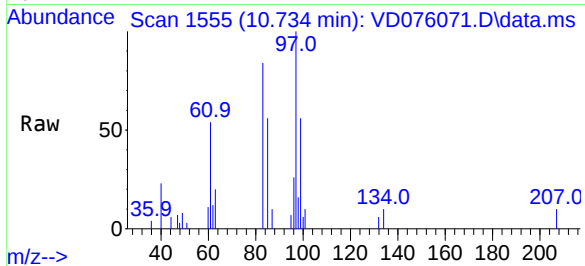




#45
1,1,2-Trichloroethane
Concen: 2.595 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

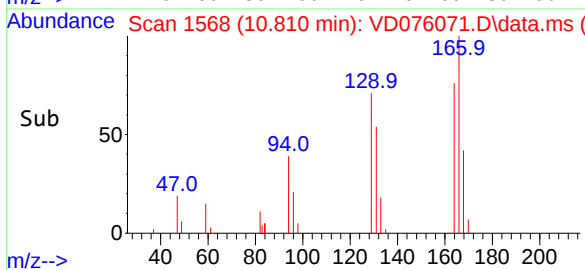
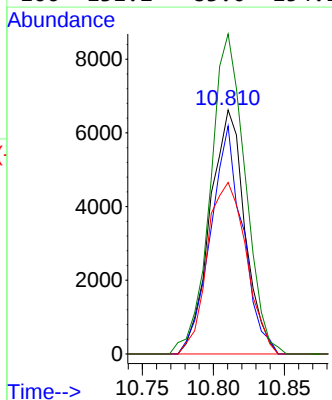
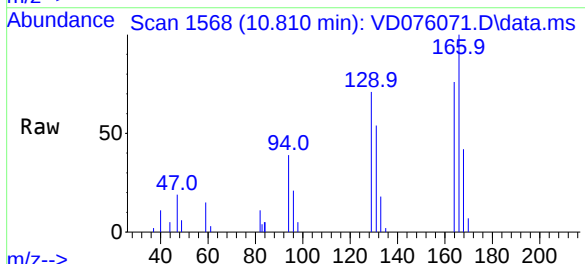
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

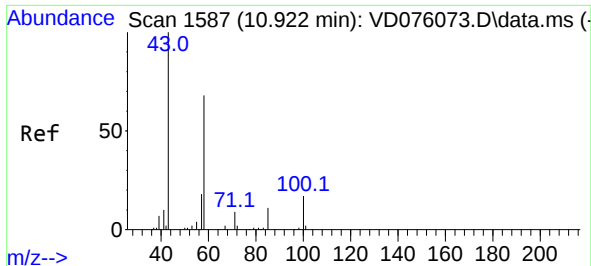
Tgt Ion: 97	Resp: 10711
Ion Ratio	Lower Upper
97 100	
99 56.1	42.2 78.4
83 84.1	54.8 101.8
85 56.3	37.0 68.8



#46
Tetrachloroethene
Concen: 2.606 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt	Ion:164	Resp:	11262
Ion	Ratio	Lower	Upper
164	100		
129	93.4	60.3	112.1
131	70.3	58.9	109.3
166	131.2	83.0	154.1

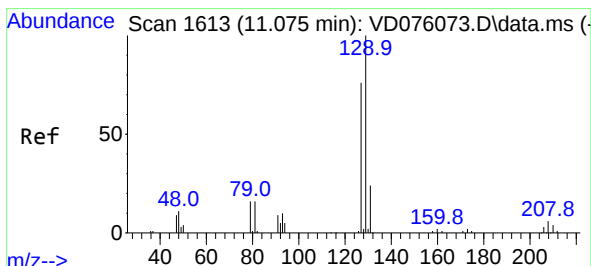
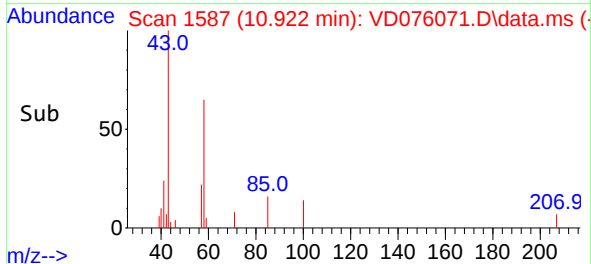
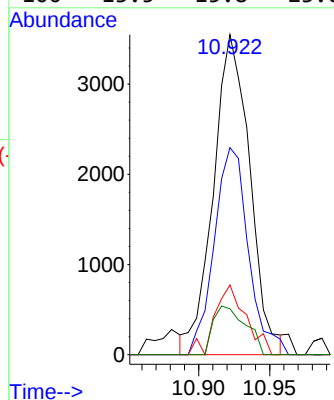
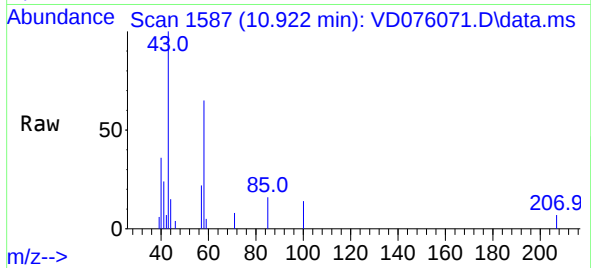




#48
2-Hexanone
Concen: 4.234 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

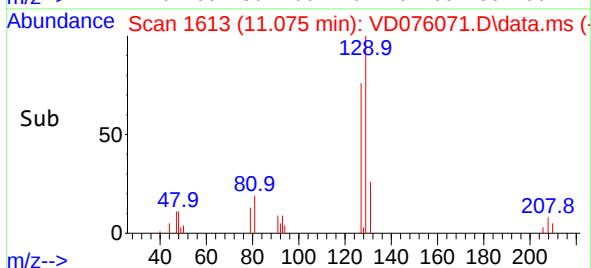
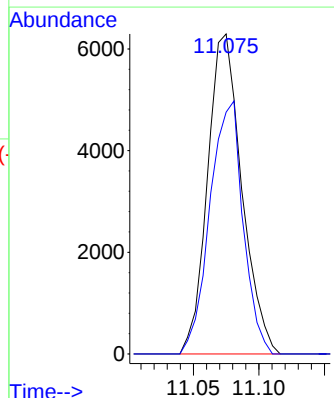
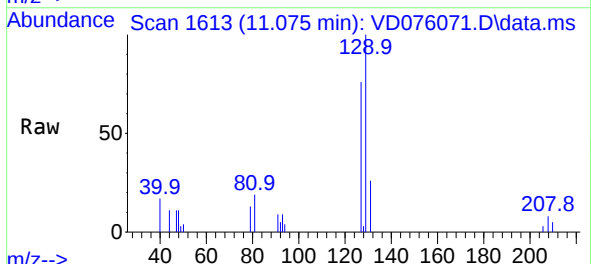
Instrument : MSVOA_D
ClientSampleId : VSTD2.5146

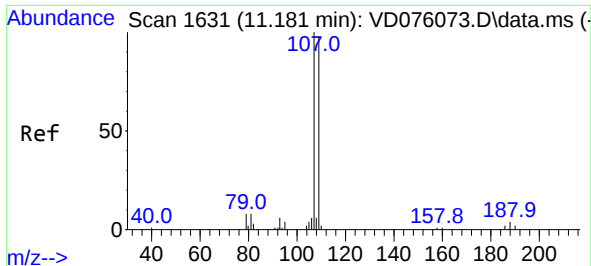
Tgt Ion: 43	Resp: 6330
Ion Ratio	Lower Upper
43 100	
58 60.8	59.7 89.5
57 17.7	17.9 26.9#
100 13.5	15.8 23.6#



#49
Dibromochloromethane
Concen: 2.571 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion:129	Resp:	11447	
Ion	Ratio	Lower	Upper
129	100		
127	75.5	55.6	103.4

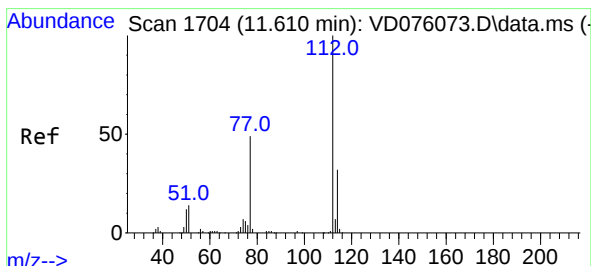
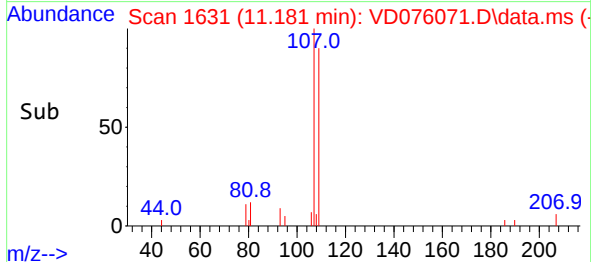
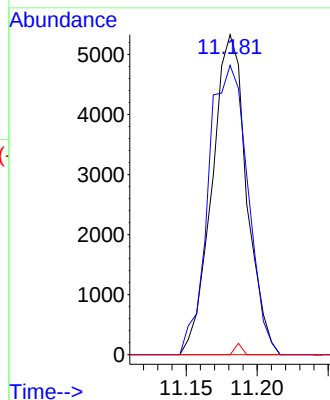
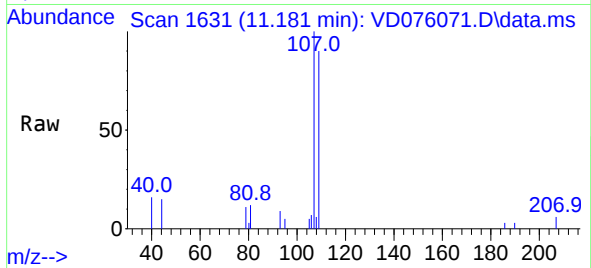




#50
1,2-Dibromoethane
Concen: 2.478 ug/L
RT: 11.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

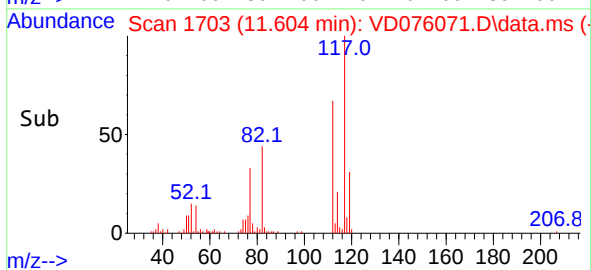
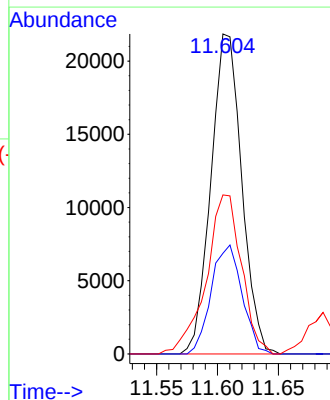
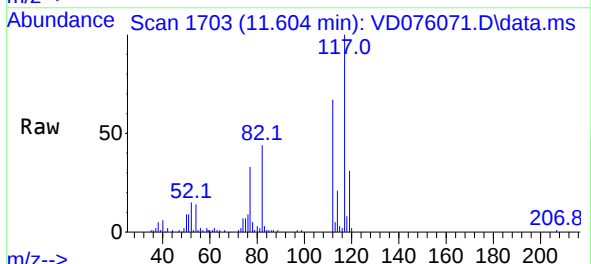
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

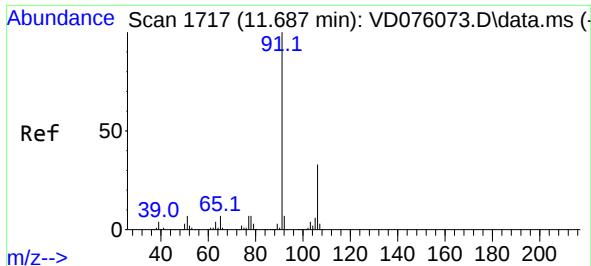
Tgt Ion:	107	Resp:	9031
Ion	Ratio	Lower	Upper
107	100		
109	90.4	67.6	125.6
188	0.0	3.0	4.6#



#51
Chlorobenzene
Concen: 2.646 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion:	112	Resp:	38525
Ion	Ratio	Lower	Upper
112	100		
114	31.5	23.0	42.8
77	49.7	39.7	59.5

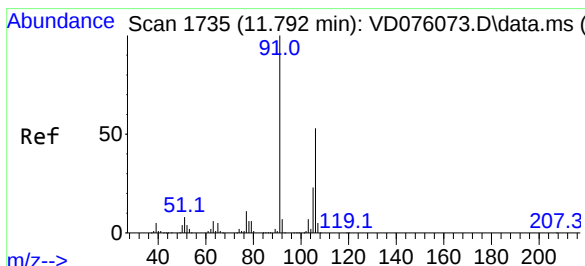
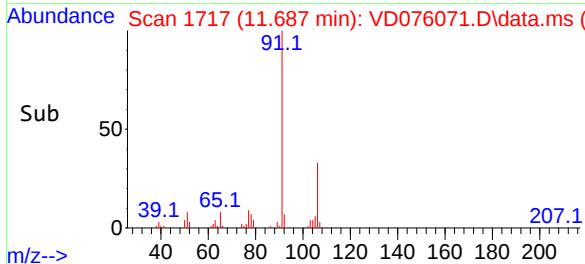
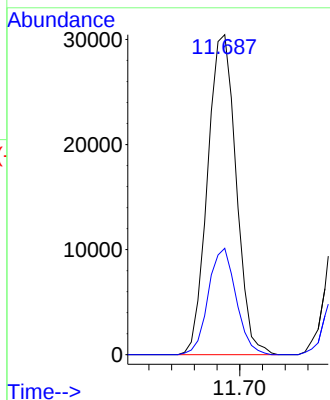
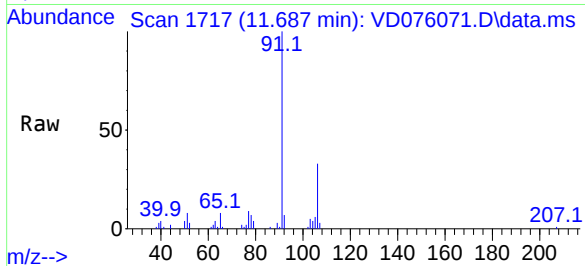




#52
Ethylbenzene
Concen: 2.396 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

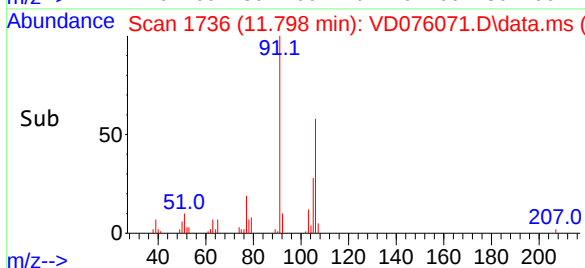
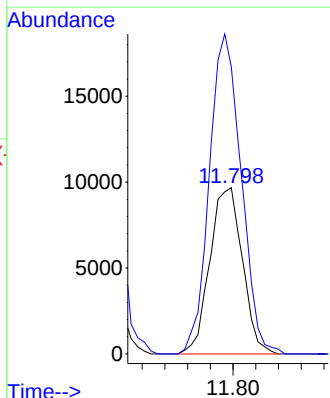
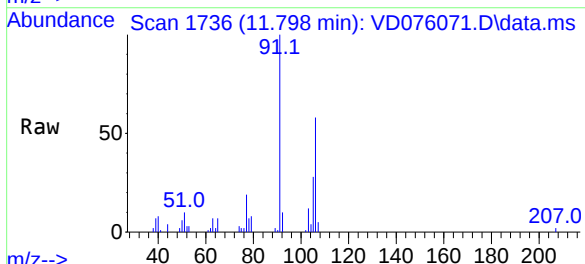
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

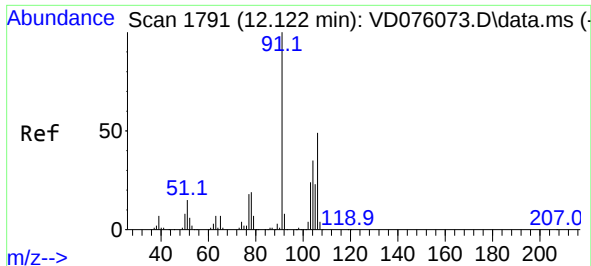
Tgt Ion: 91 Resp: 53179
Ion Ratio Lower Upper
91 100
106 33.3 23.7 43.9



#53
m,p-Xylene
Concen: 2.229 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion: 106 Resp: 19285
Ion Ratio Lower Upper
106 100
91 172.8 130.9 243.1

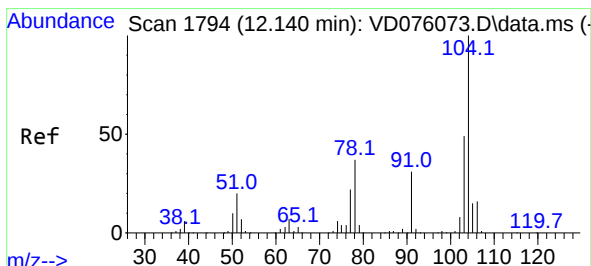
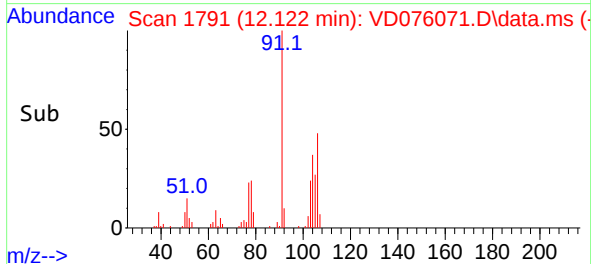
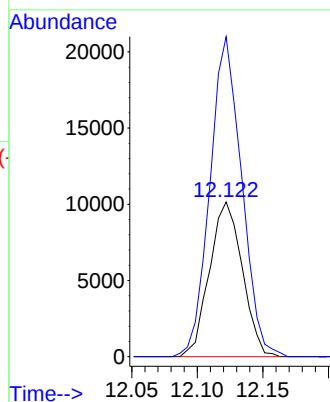
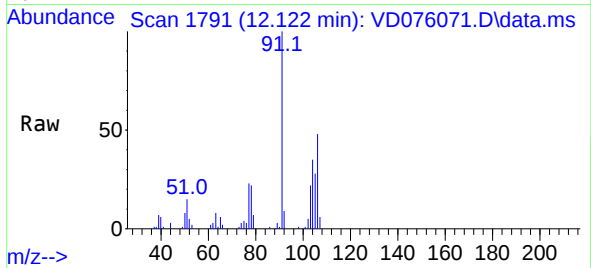




#54
o-Xylene
Concen: 2.156 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

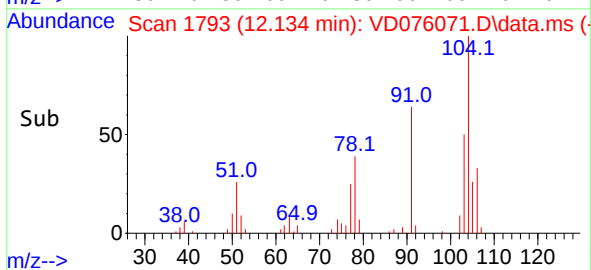
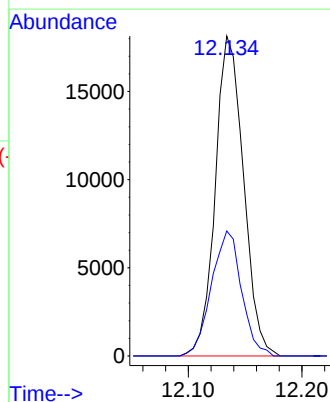
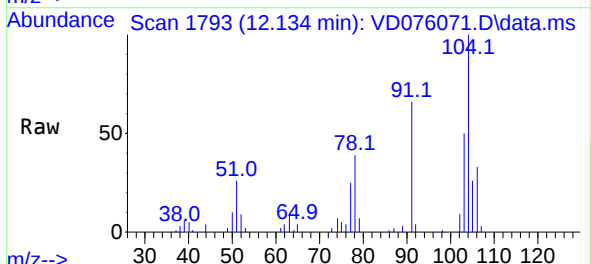
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

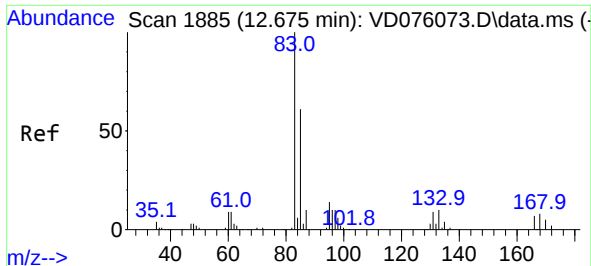
Tgt Ion:106 Resp: 17698
Ion Ratio Lower Upper
106 100
91 206.9 139.8 259.6



#55
Styrene
Concen: 2.156 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion:104 Resp: 31347
Ion Ratio Lower Upper
104 100
78 39.0 26.2 48.6

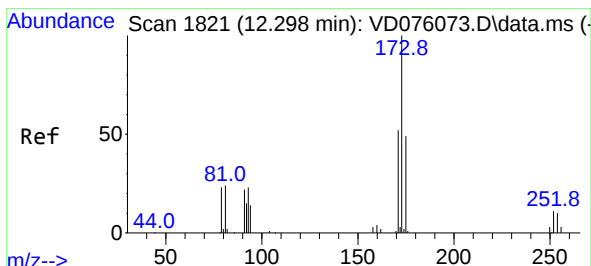
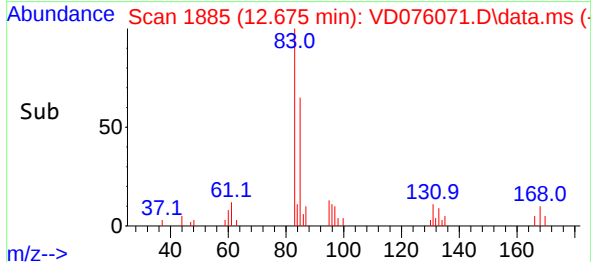
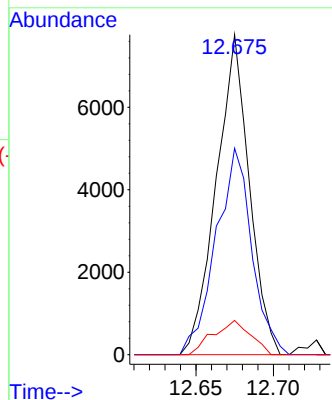
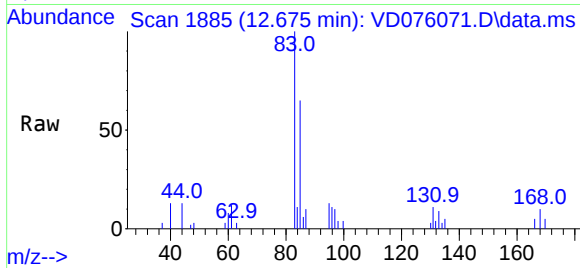




#57
1,1,2-Tetrachloroethane
Concen: 2.482 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

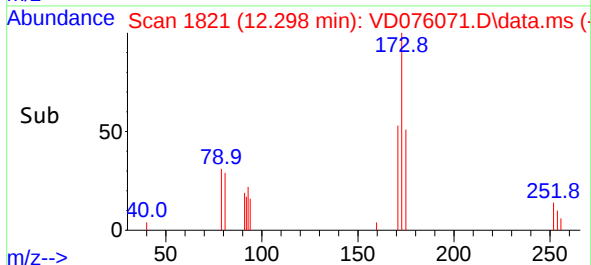
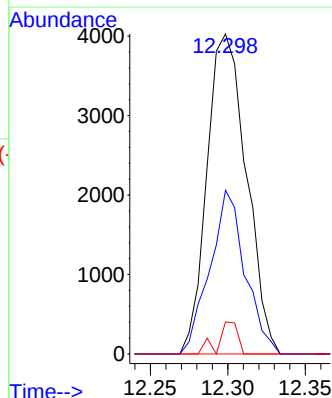
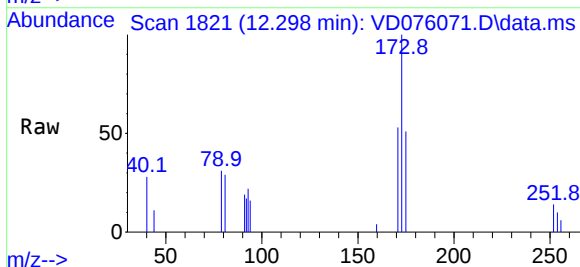
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

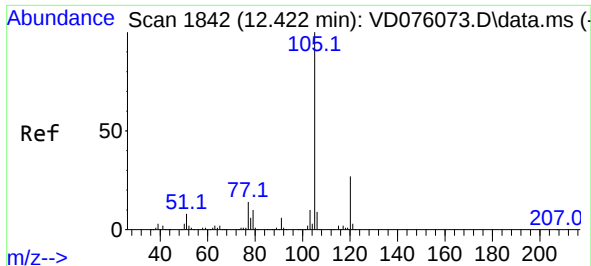
Tgt Ion: 83 Resp: 11466
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.7
131 10.7 7.0 10.6#



#59
Bromoform
Concen: 2.716 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion: 173 Resp: 7119
Ion Ratio Lower Upper
173 100
175 45.8 39.4 59.0
254 3.9 7.4 11.2#

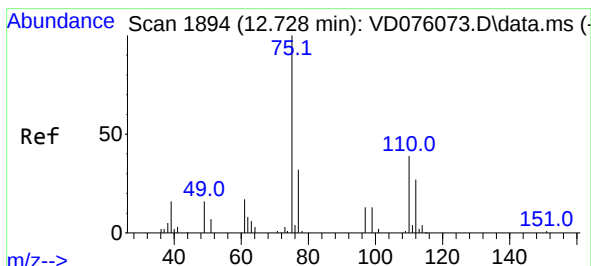
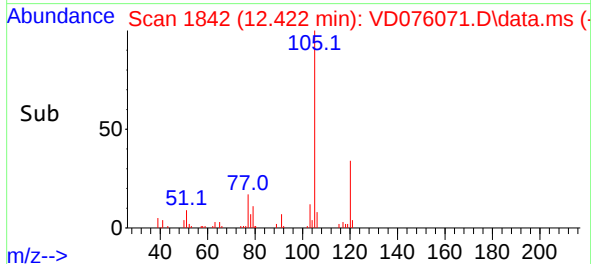
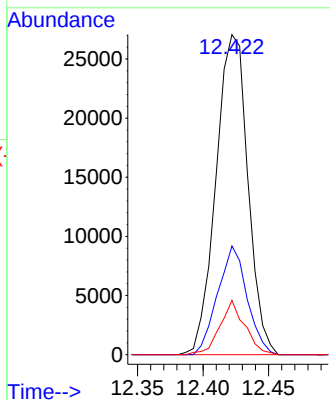
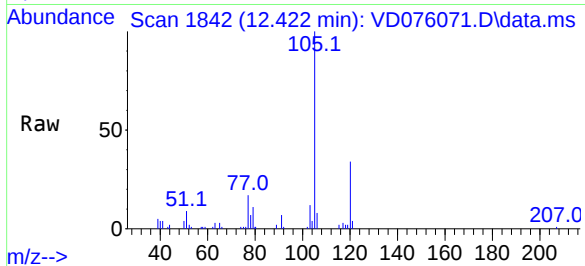




#60
Isopropylbenzene
Concen: 2.237 ug/L
RT: 12.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

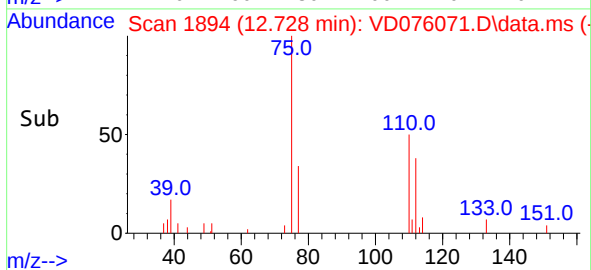
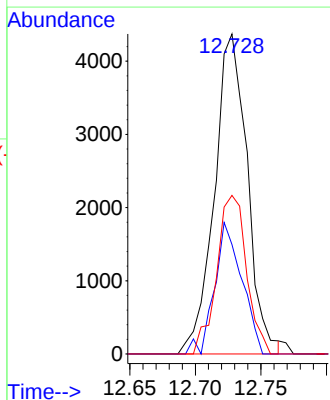
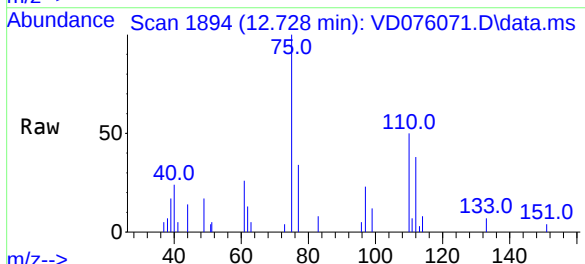
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

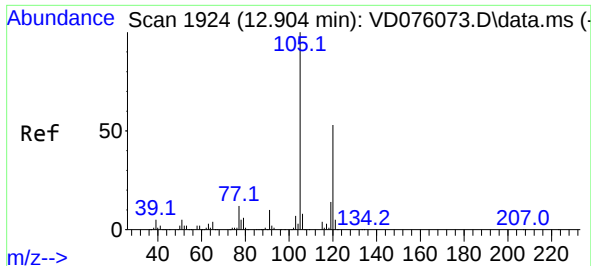
Tgt Ion:	105	Resp:	45818
Ion	Ratio	Lower	Upper
105	100		
120	31.3	22.7	34.1
77	13.3	10.9	16.3



#61
1,2,3-Trichloropropane
Concen: 2.625 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion:	75	Resp:	7614
Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.6	39.8
110	45.0	33.5	50.3

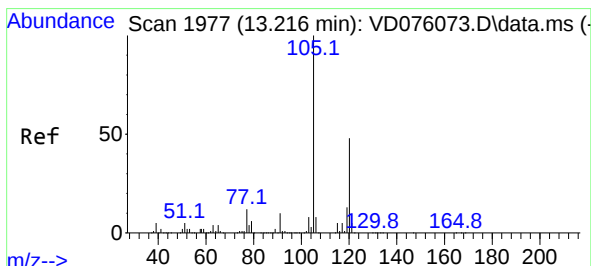
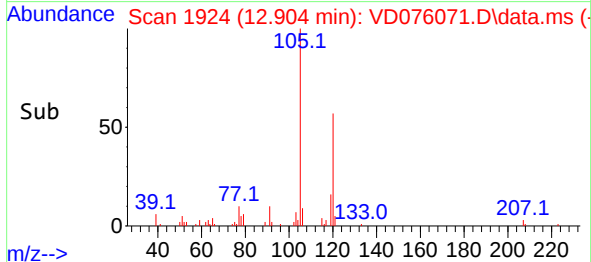
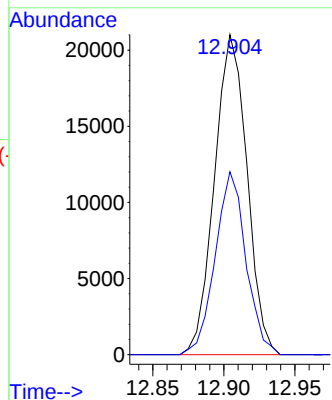
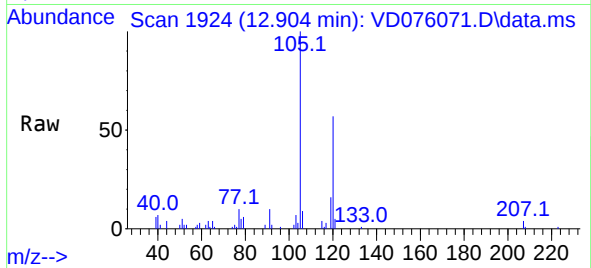




#62
1,3,5-Trimethylbenzene
Concen: 2.131 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

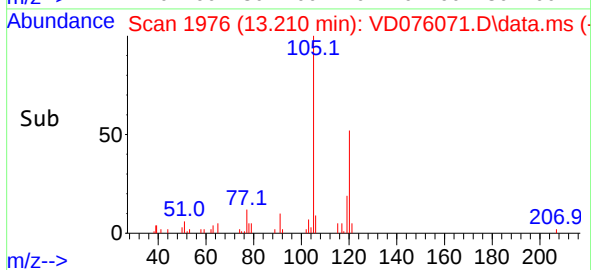
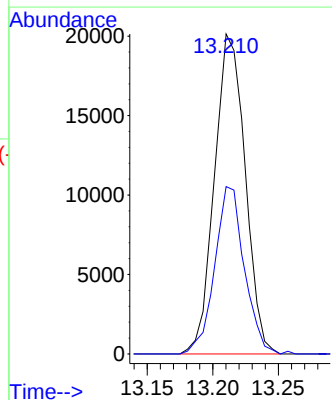
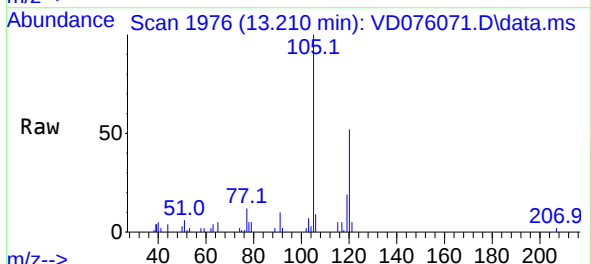
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

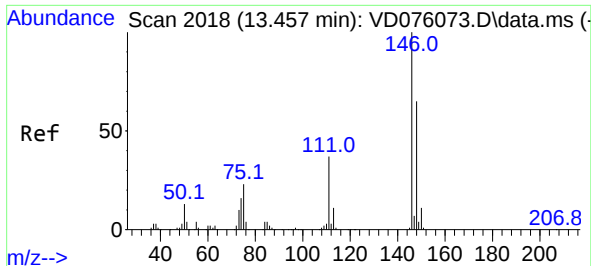
Tgt Ion:105 Resp: 33482
Ion Ratio Lower Upper
105 100
120 54.0 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 2.184 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion:105 Resp: 32810
Ion Ratio Lower Upper
105 100
120 50.4 39.0 58.6

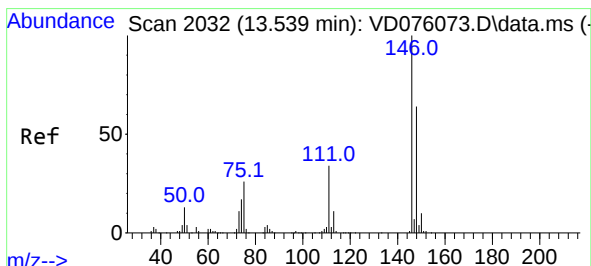
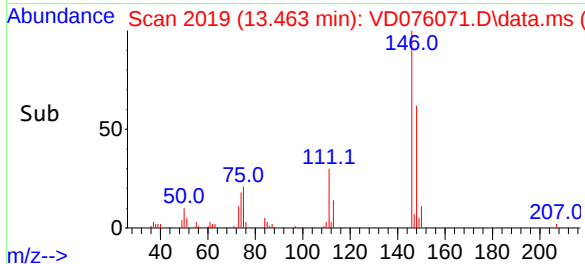
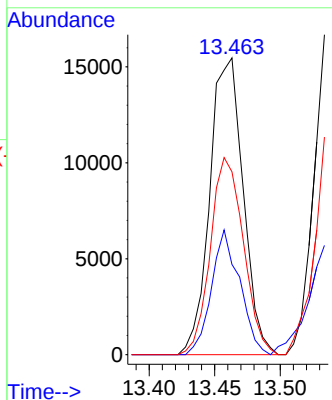
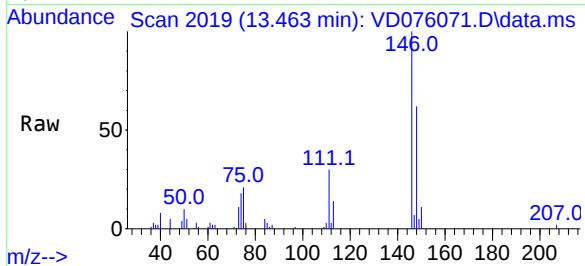




#64
1,3-Dichlorobenzene
Concen: 2.573 ug/L
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

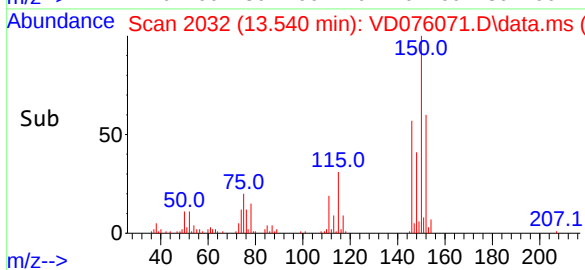
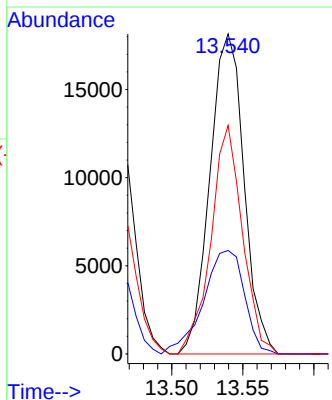
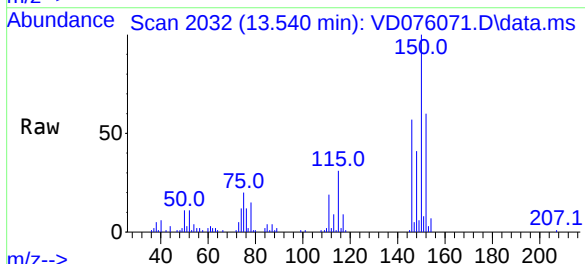
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

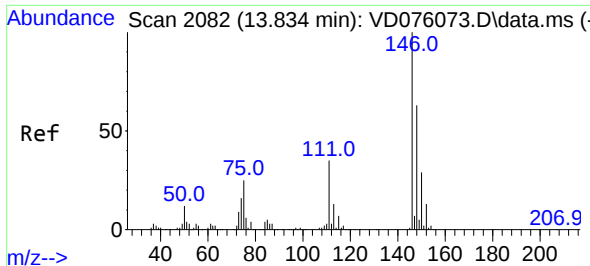
Tgt Ion:146 Resp: 27360
Ion Ratio Lower Upper
146 100
111 30.4 26.5 49.1
148 61.6 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 2.739 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion:146 Resp: 30289
Ion Ratio Lower Upper
146 100
111 32.3 24.6 45.8
148 71.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 2.707 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD076071.D

Acq: 11 May 2023 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5146

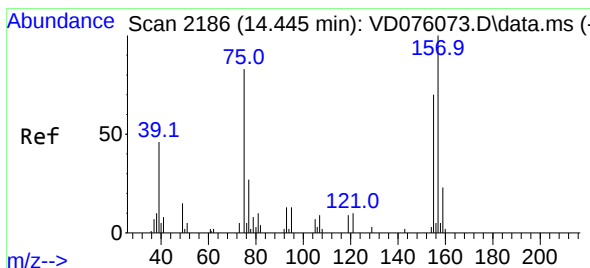
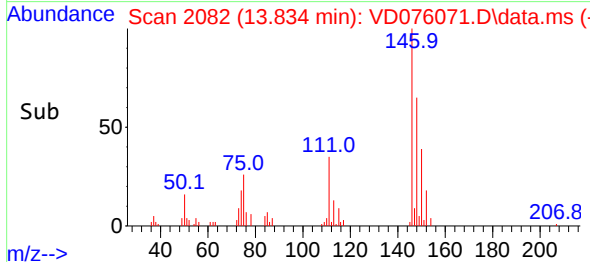
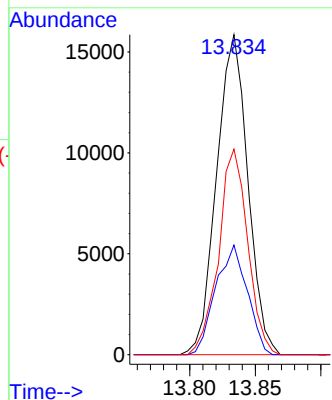
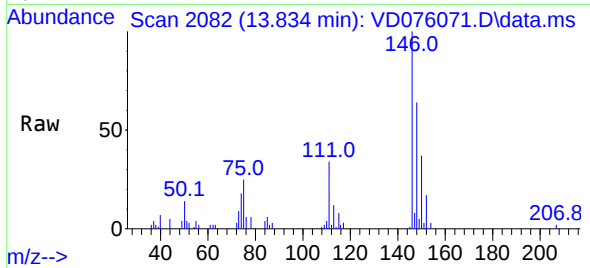
Tgt Ion:146 Resp: 26250

Ion Ratio Lower Upper

146 100

111 34.2 30.6 46.0

148 64.2 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 2.686 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD076071.D

Acq: 11 May 2023 10:35

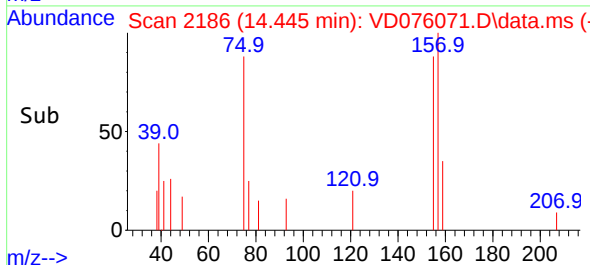
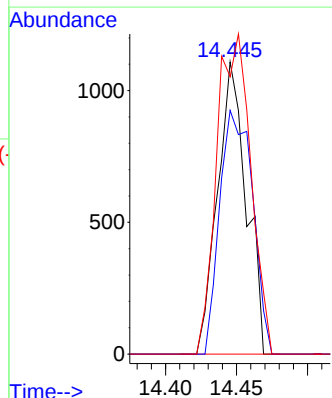
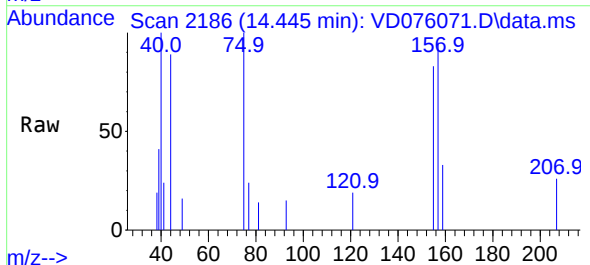
Tgt Ion: 75 Resp: 1563

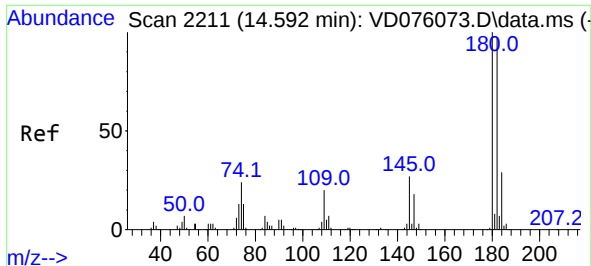
Ion Ratio Lower Upper

75 100

155 83.4 74.6 111.8

157 95.0 109.4 164.2#



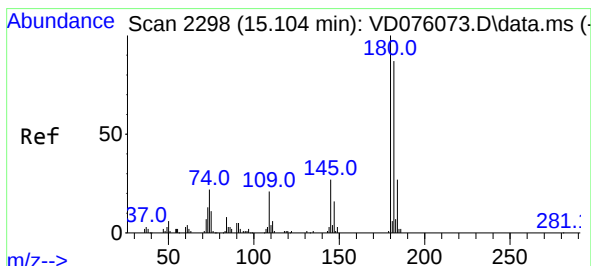
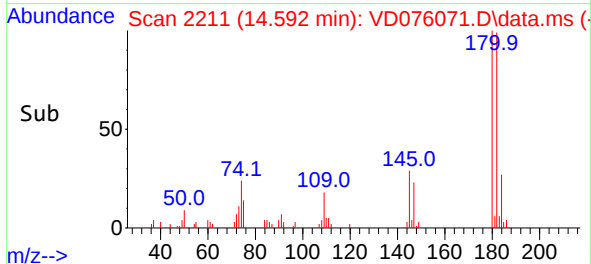
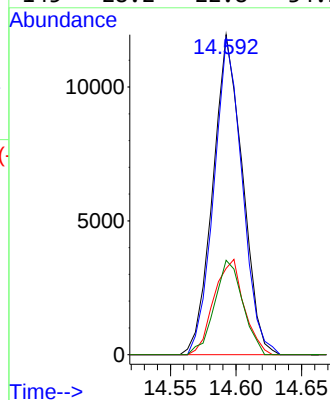
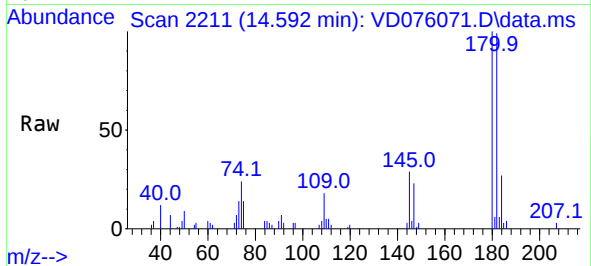


#69
1,3,5-Trichlorobenzene
Concen: 2.773 ug/L
RT: 14.592 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

Tgt Ion:180 Resp: 18734

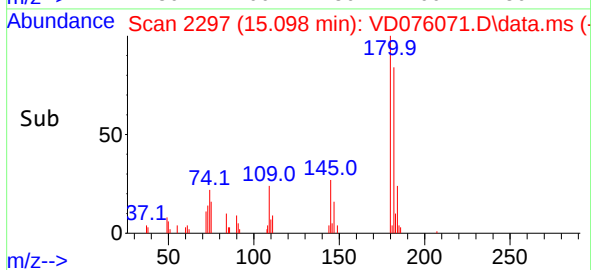
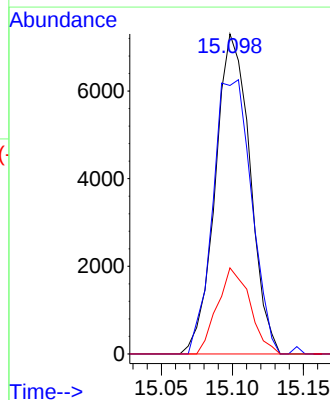
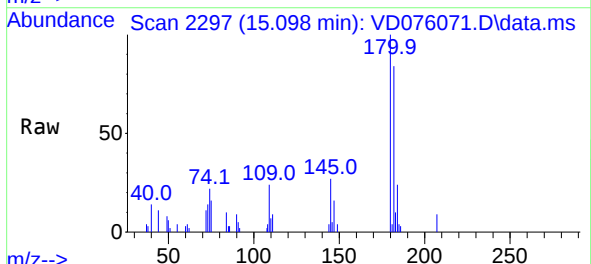
Ion	Ratio	Lower	Upper
180	100		
182	94.7	74.9	112.3
184	30.2	25.0	37.4
145	28.2	22.8	34.2

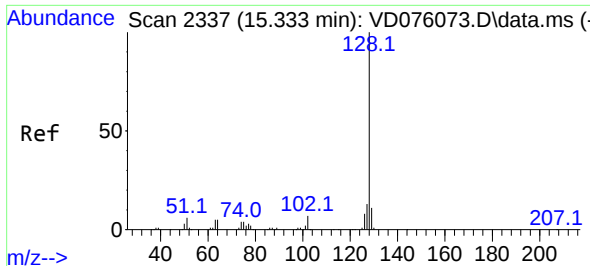


#70
1,2,4-trichlorobenzene
Concen: 2.323 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion:180 Resp: 12418

Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.4	113.2
145	25.3	23.6	35.4

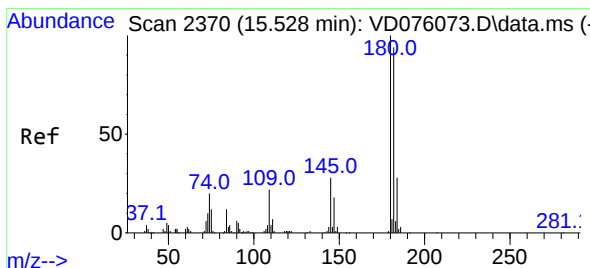
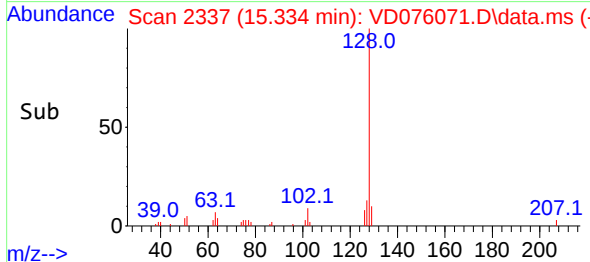
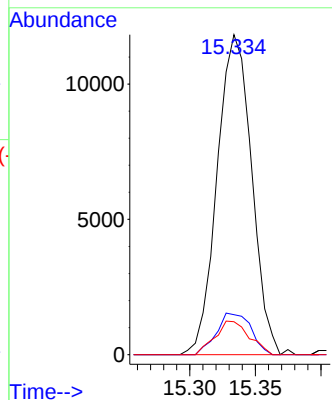
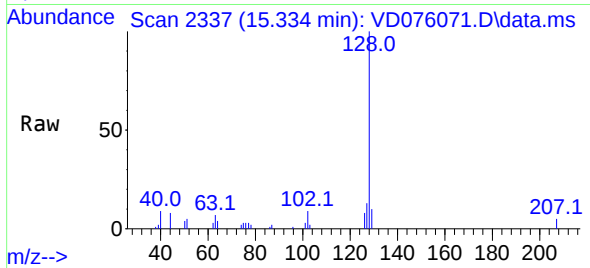




#71
Naphthalene
Concen: 2.152 ug/L
RT: 15.334 min Scan# 21625
Delta R.T. 0.000 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5146

Tgt Ion:	128	Resp:	21625
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.4	9.1	13.7



#72
1,2,3-Trichlorobenzene
Concen: 2.367 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076071.D
Acq: 11 May 2023 10:35

Tgt Ion:	180	Resp:	11510
Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.3	114.5
145	30.0	25.0	37.6

