

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080323\
 Data File : VD076915.D
 Acq On : 03 Aug 2023 11:55
 Operator : KP/SY
 Sample : VSTD10062
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 04 01:42:31 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	307055	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	317998	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	171621	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	730149	99.705	ug/L	0.00
7) Chloroethane-d5	2.793	69	691819	112.568	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	184589	96.716	ug/L	0.00
21) 2-Butanone-d5	6.981	46	280947	242.970	ug/L	0.00
24) Chloroform-d	7.569	84	943195	114.946	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	482482	119.068	ug/L	0.00
32) Benzene-d6	8.199	84	1923607	101.083	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	572868	94.725	ug/L	0.00
41) Toluene-d8	10.269	98	1868093	105.523	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	273552	107.794	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	258214	259.205	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	576690	125.356	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	631755	102.233	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	453699	95.674	ug/L	99
3) Chloromethane	2.146	50	596472	77.864	ug/L	100
5) Vinyl chloride	2.281	62	890508	103.043	ug/L	94
6) Bromomethane	2.675	94	733351	143.060	ug/L	99
8) Chloroethane	2.828	64	610779	112.807	ug/L	99
9) Trichlorofluoromethane	3.169	101	738817	113.525	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	479379	113.342	ug/L	97
12) 1,1-Dichloroethene	3.934	96	454395	111.802	ug/L	92
13) Acetone	4.022	43	297109	287.454	ug/L	95
14) Carbon disulfide	4.263	76	1526226	103.949	ug/L	100
16) Methylene chloride	4.799	84	507026	92.650	ug/L	76
17) trans-1,2-Dichloroethene	5.310	96	507568	110.954	ug/L	88
18) Methyl tert-butyl Ether	5.316	73	1174236	113.213	ug/L #	91
19) 1,1-Dichloroethane	6.110	63	812959	99.456	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	572937	112.528	ug/L	90
22) 2-Butanone	7.081	43	373772	238.074	ug/L	85
23) Bromochloromethane	7.422	128	258637	117.015	ug/L	82
25) Chloroform	7.593	83	888493	108.523	ug/L	99
27) 1,2-Dichloroethane	8.322	62	552486	109.581	ug/L	98
29) Cyclohexane	7.875	56	717903	87.382	ug/L #	84
30) 1,1,1-Trichloroethane	7.793	97	747975	100.246	ug/L	97
31) Carbon tetrachloride	7.987	117	639850	106.033	ug/L	99
33) Benzene	8.251	78	2042693	97.336	ug/L	100
34) Trichloroethene	9.028	95	522566	97.129	ug/L	97
35) Methylcyclohexane	9.275	83	916276	104.343	ug/L	89
37) 1,2-Dichloropropane	9.304	63	512489	90.077	ug/L	98
38) Bromodichloromethane	9.581	83	684348	103.053	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	889746	101.755	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	661232	187.808	ug/L #	88
42) Toluene	10.334	91	2287302	101.313	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	764853	106.547	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	448016	109.449	ug/L	97

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 Response via : Initial Calibration

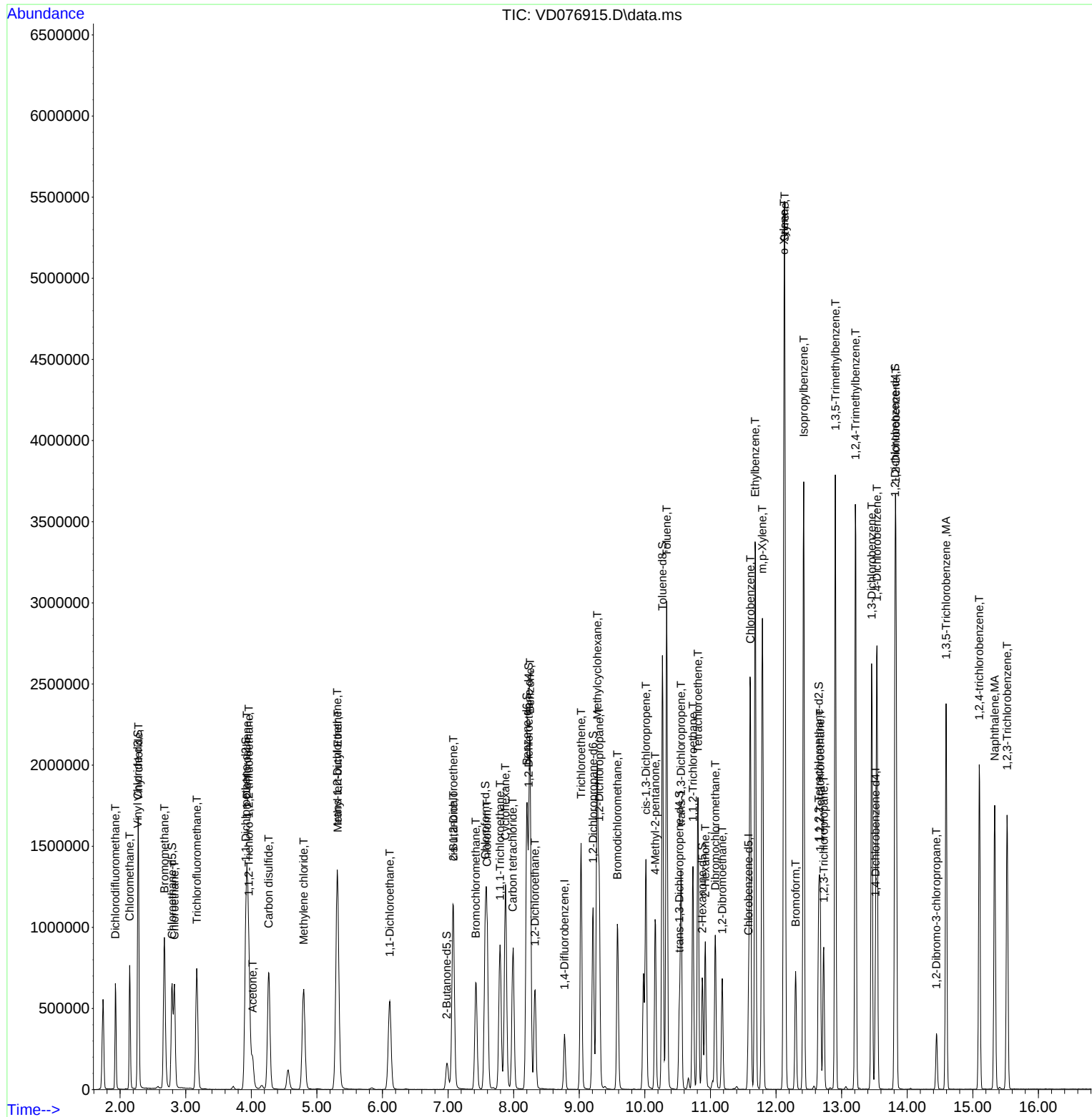
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.810	164	403961	94.867	ug/L	97
48) 2-Hexanone	10.922	43	534006	215.194	ug/L #	87
49) Dibromochloromethane	11.075	129	502352	109.432	ug/L	98
50) 1,2-Dibromoethane	11.181	107	451753	113.795	ug/L	89
51) Chlorobenzene	11.610	112	1458023	103.374	ug/L	96
52) Ethylbenzene	11.681	91	2529522	103.987	ug/L	99
53) m,p-Xylene	11.792	106	984629	103.217	ug/L	91
54) o-Xylene	12.122	106	979475	107.874	ug/L	99
55) Styrene	12.134	104	1759134	110.776	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.675	83	561082	117.675	ug/L	99
59) Bromoform	12.298	173	323734	103.454	ug/L #	99
60) Isopropylbenzene	12.422	105	2533686	97.198	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	362394	104.810	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	1999133	96.839	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	1988878	96.950	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	1087776	94.124	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	1111663	94.552	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	1027637	98.615	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	80718	105.925	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	708190	92.614	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	629707	92.680	ug/L	98
71) Naphthalene	15.333	128	1547630	114.184	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	566992	94.945	ug/L	98

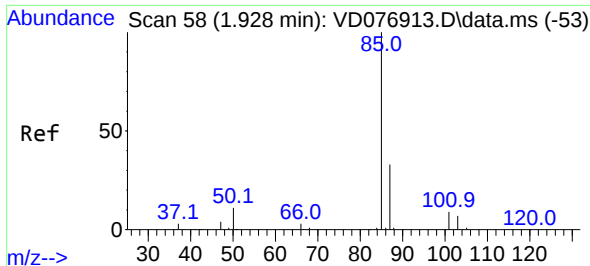
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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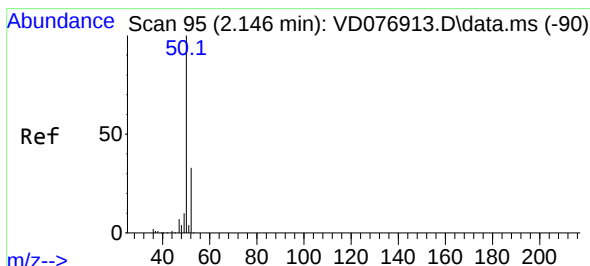
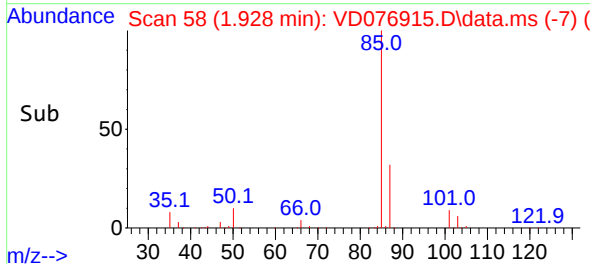
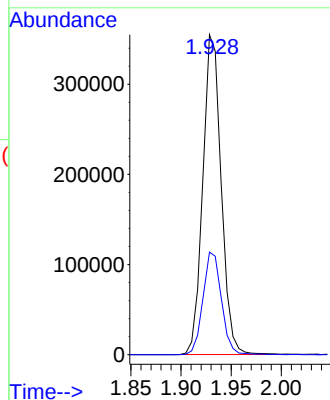
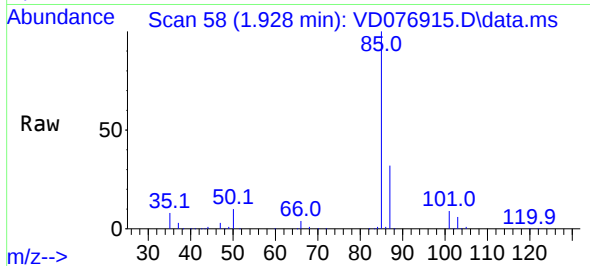




#2
Dichlorodifluoromethane
Concen: 95.674 ug/L
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

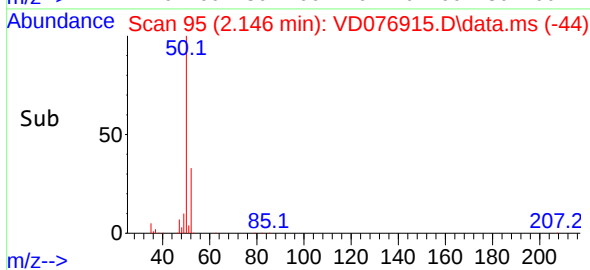
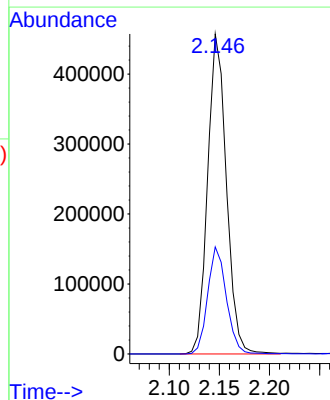
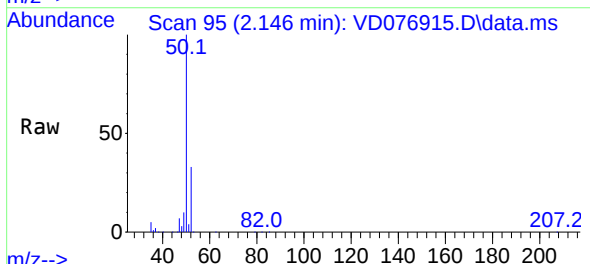
Instrument :
MSVOA_D
ClientSampleId :

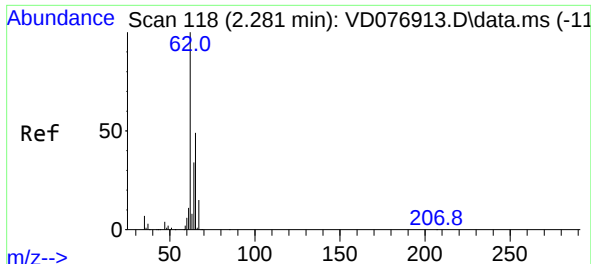
Tgt Ion: 85 Resp: 453699
Ion Ratio Lower Upper
85 100
87 32.2 26.3 39.5



#3
Chloromethane
Concen: 77.864 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Tgt Ion: 50 Resp: 596472
Ion Ratio Lower Upper
50 100
52 33.4 23.2 43.2

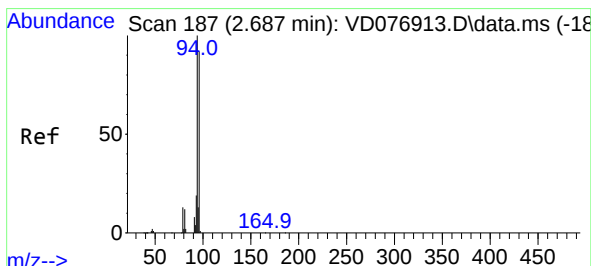
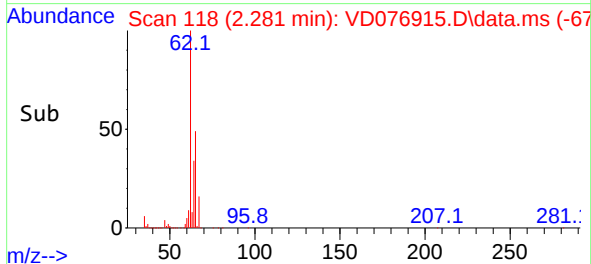
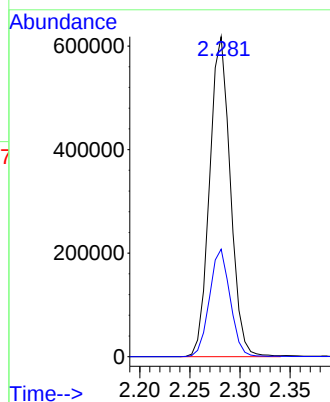
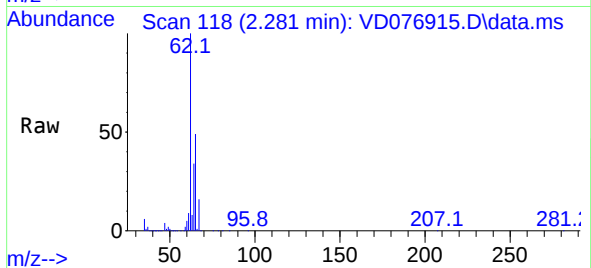




#5
 Vinyl chloride
 Concen: 103.043 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD076915.D
 Acq: 03 Aug 2023 11:55

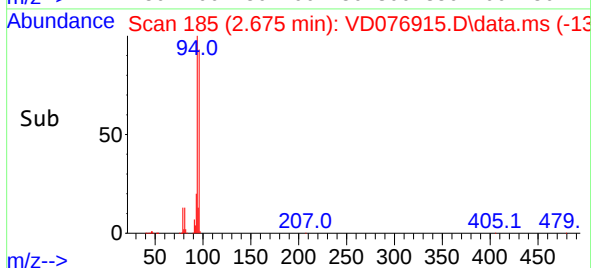
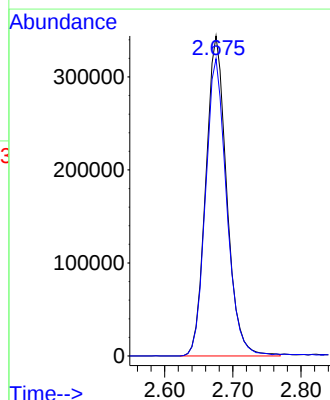
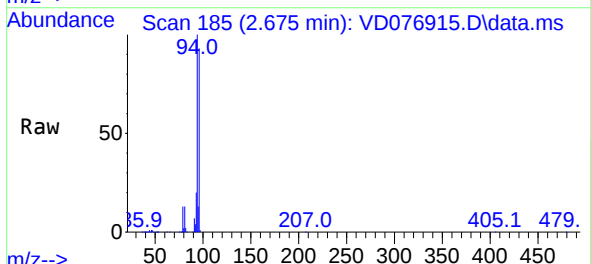
Instrument :
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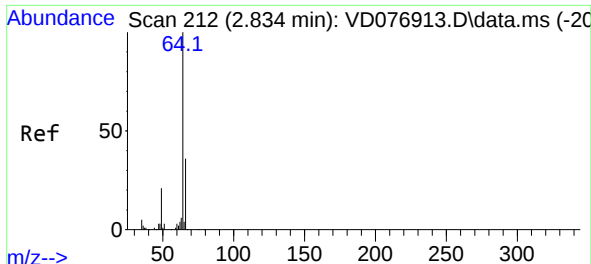
Tgt Ion: 62 Resp: 890508
 Ion Ratio Lower Upper
 62 100
 64 33.6 21.1 39.1



#6
 Bromomethane
 Concen: 143.060 ug/L
 RT: 2.675 min Scan# 185
 Delta R.T. -0.012 min
 Lab File: VD076915.D
 Acq: 03 Aug 2023 11:55

Tgt Ion: 94 Resp: 733351
 Ion Ratio Lower Upper
 94 100
 96 92.9 64.7 120.1

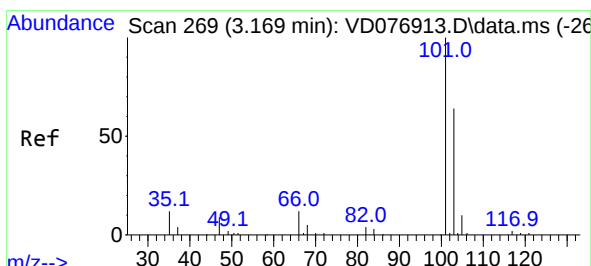
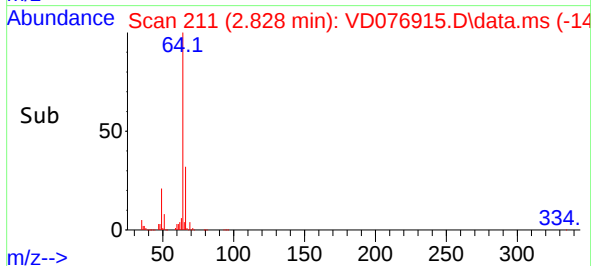
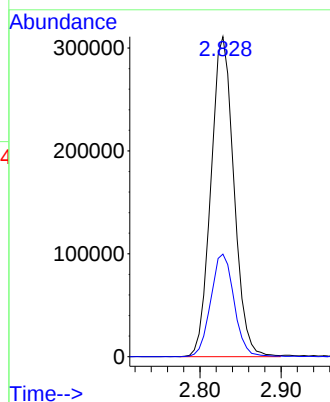
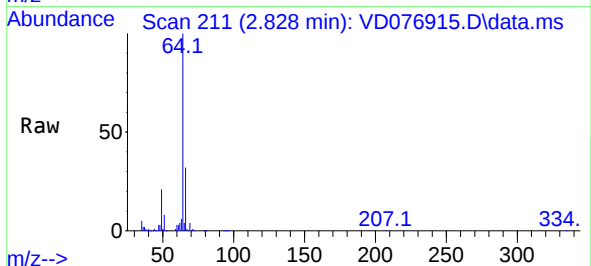




#8
Chloroethane
Concen: 112.807 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

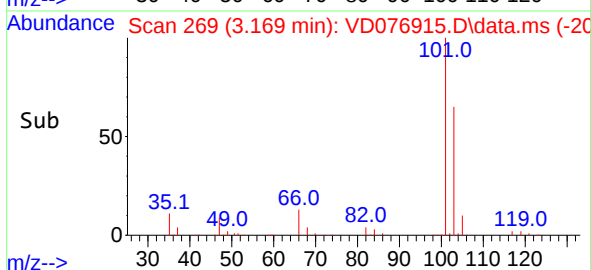
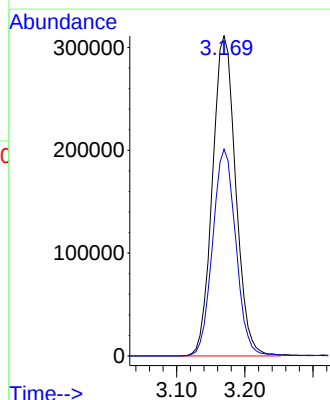
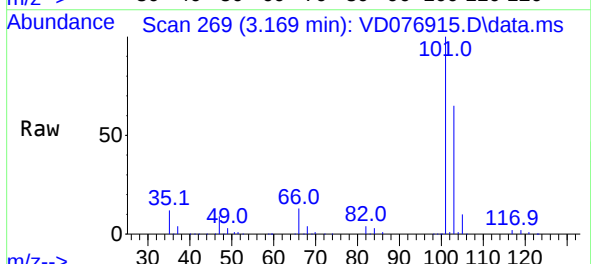
Instrument :
MSVOA_D
ClientSampleId :

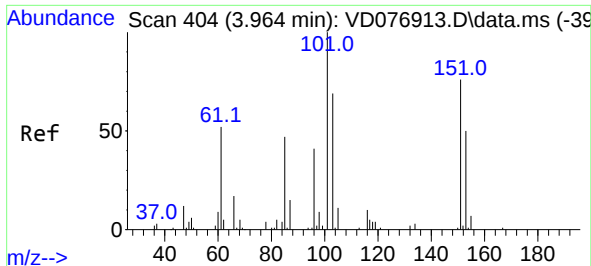
Tgt Ion: 64 Resp: 610779
Ion Ratio Lower Upper
64 100
66 32.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 113.525 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

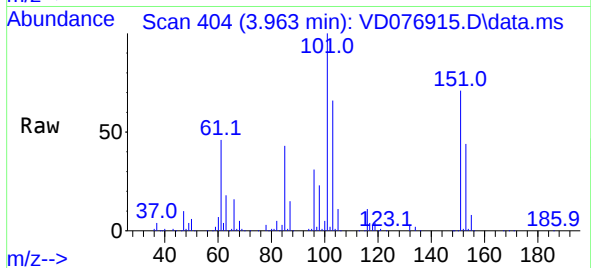
Tgt Ion:101 Resp: 738817
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6



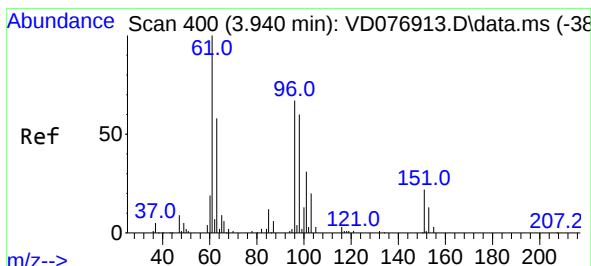
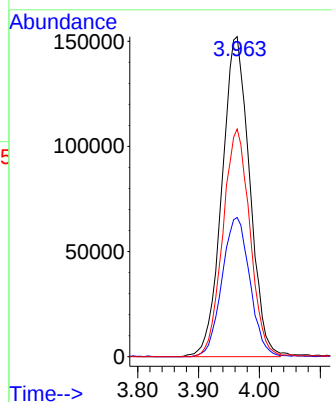
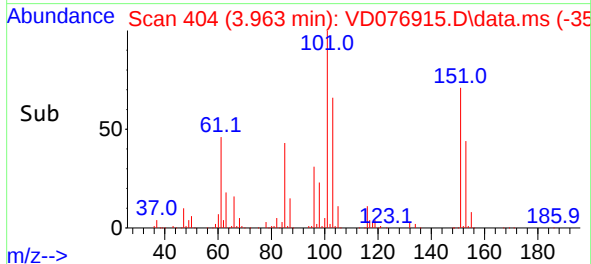


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 113.342 ug/L
RT: 3.963 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

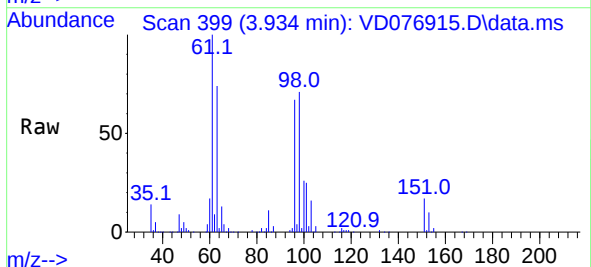
Instrument :
MSVOA_D
ClientSampleId :



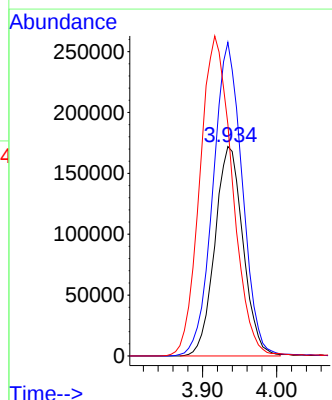
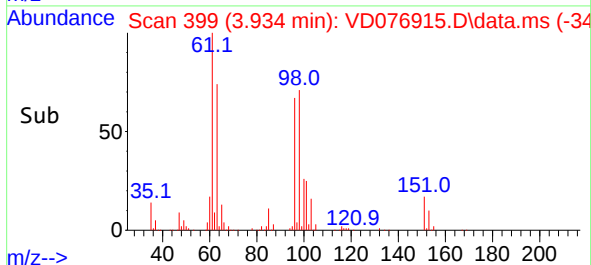
Tgt Ion:101 Resp: 479379
Ion Ratio Lower Upper
101 100
85 43.8 35.5 53.3
151 69.6 58.6 87.8

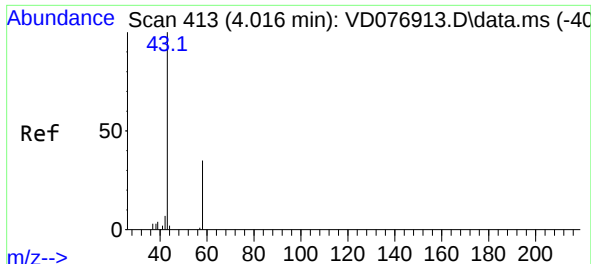


#12
1,1-Dichloroethene
Concen: 111.802 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55



Tgt Ion: 96 Resp: 454395
Ion Ratio Lower Upper
96 100
61 149.6 113.0 209.8
63 110.6 83.6 155.2

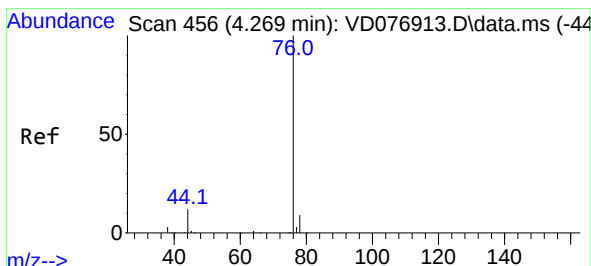
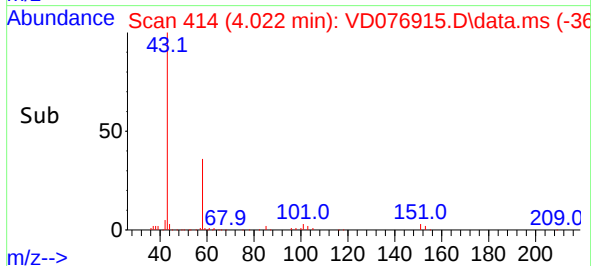
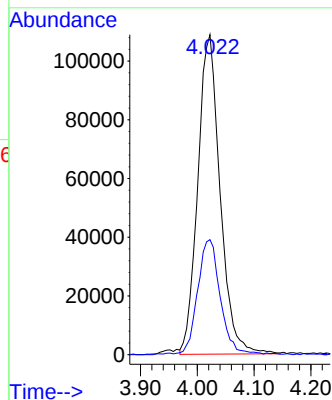
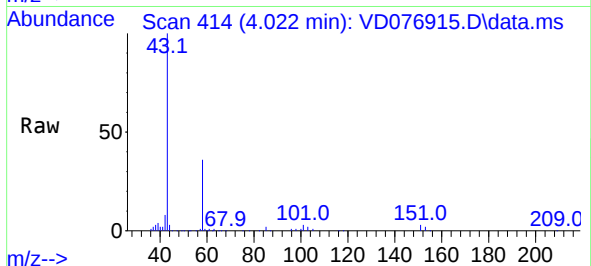




#13
Acetone
Concen: 287.454 ug/L
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

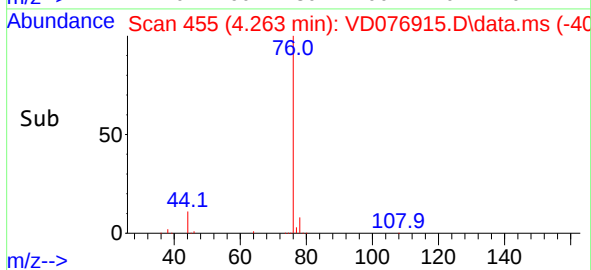
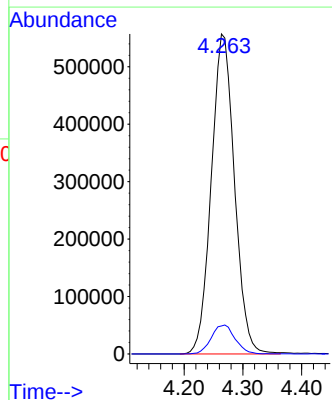
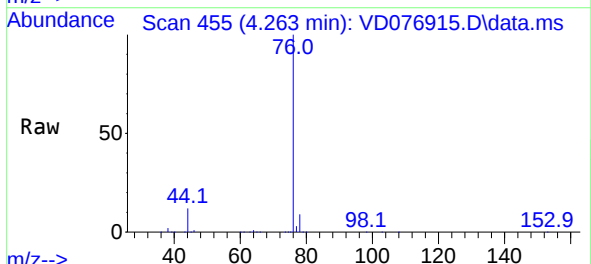
Instrument :
MSVOA_D
ClientSampleId :

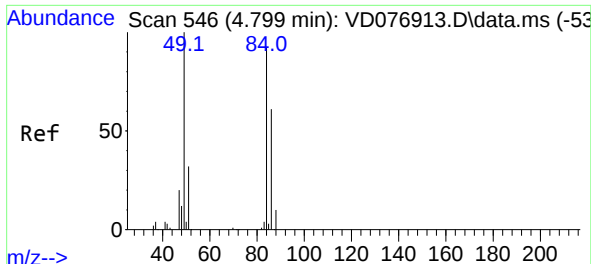
Tgt Ion: 43 Resp: 297109
Ion Ratio Lower Upper
43 100
58 36.5 0.0 67.4



#14
Carbon disulfide
Concen: 103.949 ug/L
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
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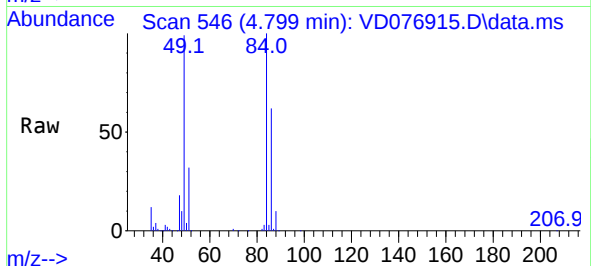
Tgt Ion: 76 Resp: 1526226
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



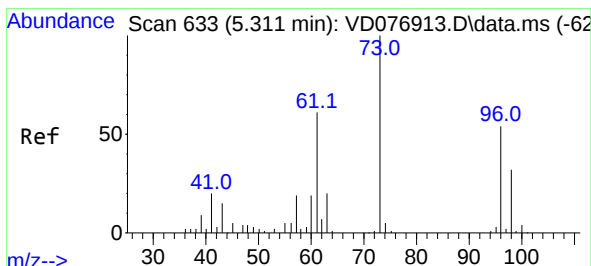
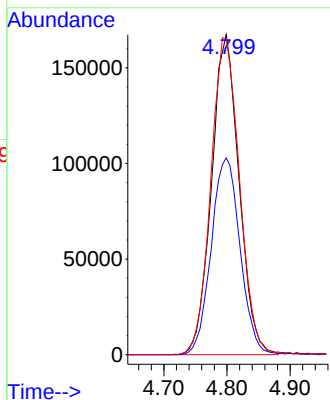
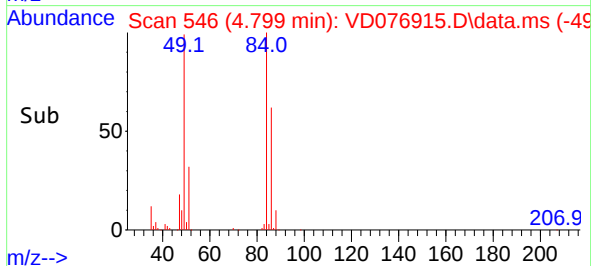


#16
Methylene chloride
Concen: 92.650 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
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Acq: 03 Aug 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :

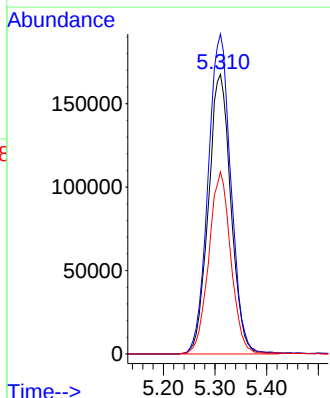
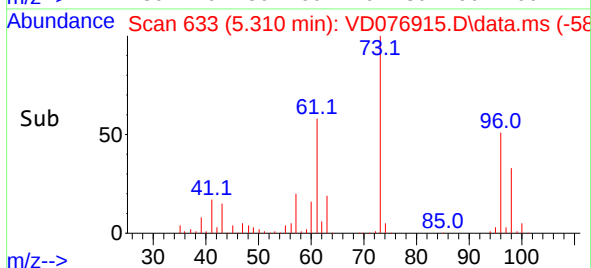
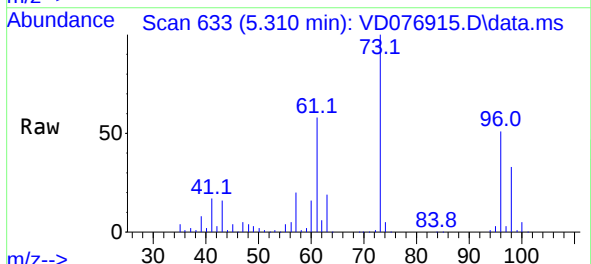


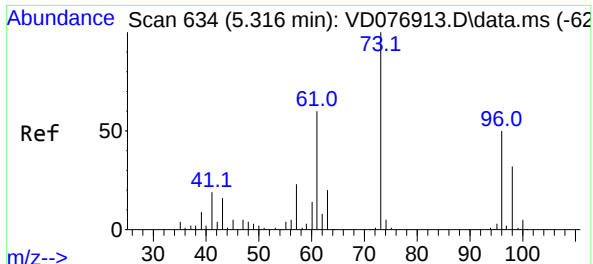
Tgt Ion: 84 Resp: 507026
Ion Ratio Lower Upper
84 100
86 61.5 45.1 83.9
49 98.8 97.2 180.6



#17
trans-1,2-Dichloroethene
Concen: 110.954 ug/L
RT: 5.310 min Scan# 633
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

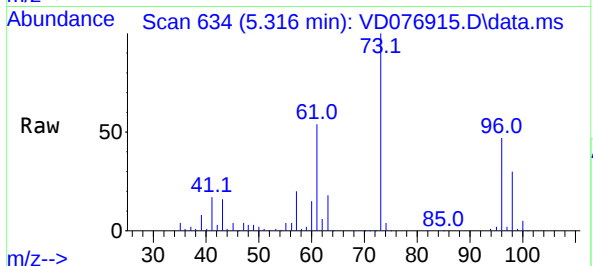
Tgt Ion: 96 Resp: 507568
Ion Ratio Lower Upper
96 100
61 114.4 94.5 175.5
98 65.1 46.0 85.4



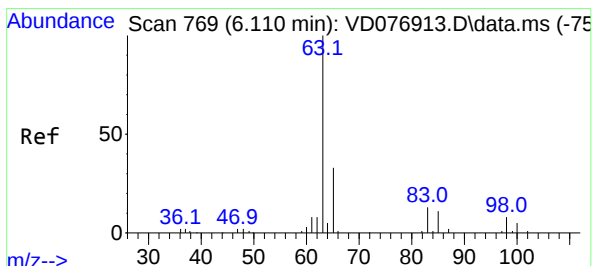
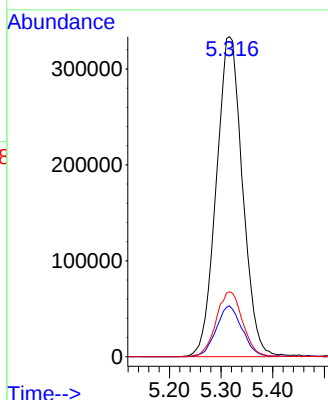
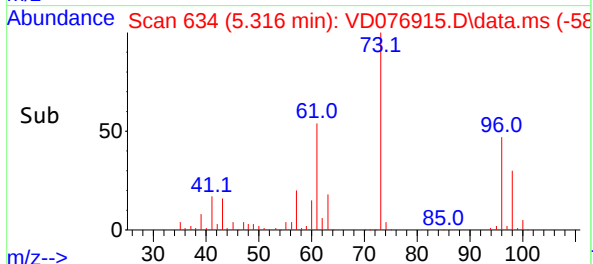


#18
Methyl tert-butyl Ether
Concen: 113.213 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

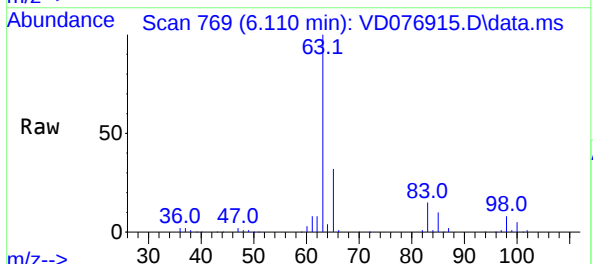
Instrument :
MSVOA_D
ClientSampleId :



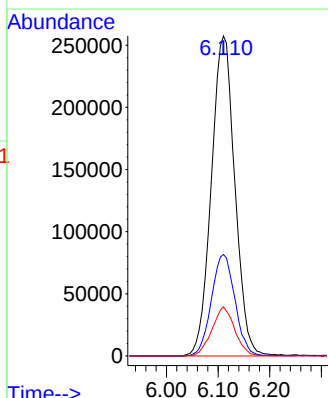
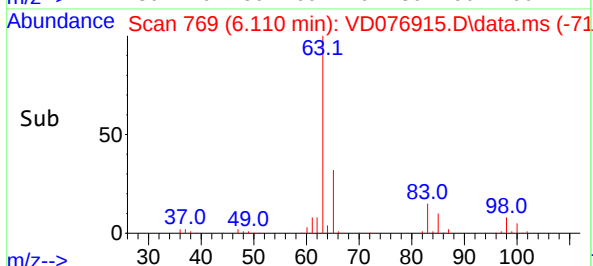
Tgt Ion: 73 Resp: 1174236
Ion Ratio Lower Upper
73 100
43 15.6 7.2 10.8#
57 20.5 18.6 28.0

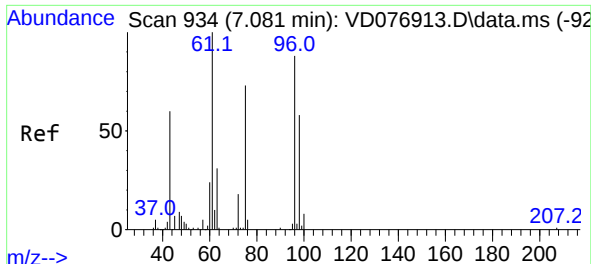


#19
1,1-Dichloroethane
Concen: 99.456 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55



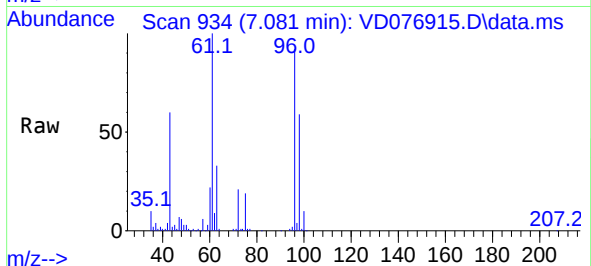
Tgt Ion: 63 Resp: 812959
Ion Ratio Lower Upper
63 100
65 31.7 20.8 38.6
83 15.3 8.9 16.5



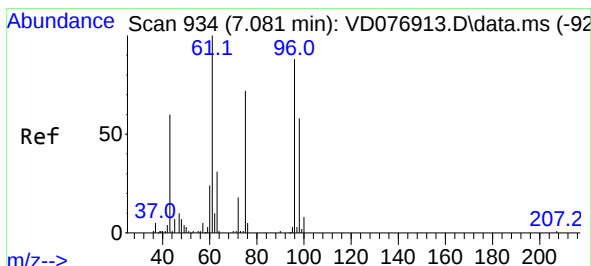
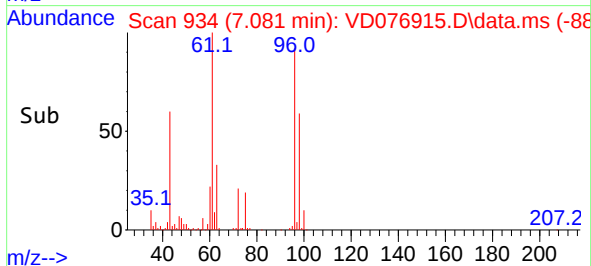
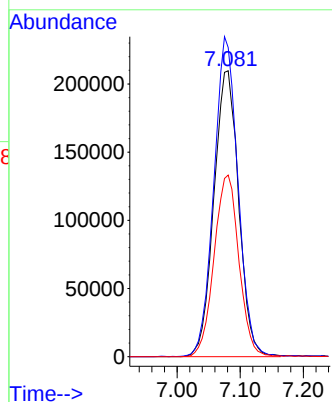


#20
cis-1,2-Dichloroethene
Concen: 112.528 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :

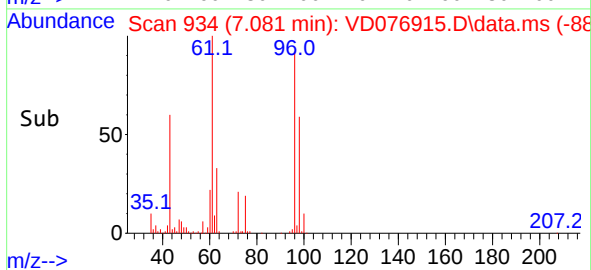
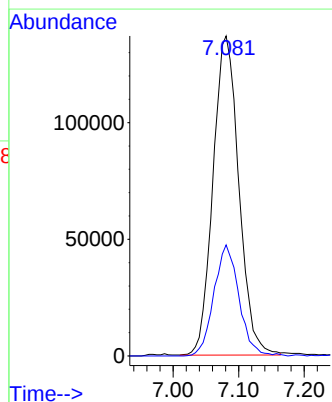
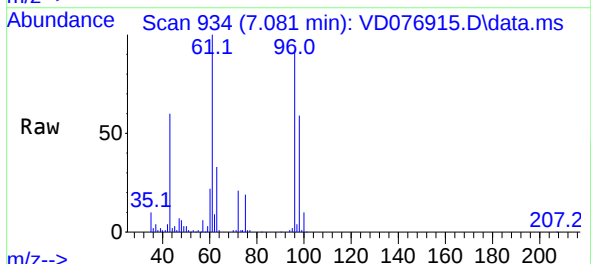


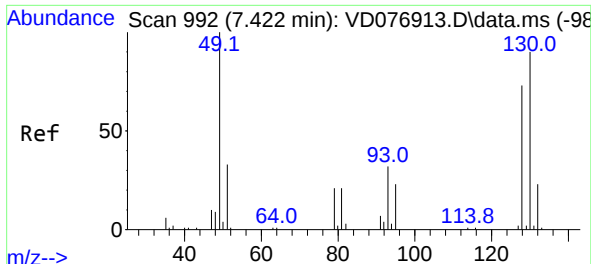
Tgt Ion: 96 Resp: 572937
Ion Ratio Lower Upper
96 100
61 108.2 86.0 159.6
98 63.5 42.2 78.4



#22
2-Butanone
Concen: 238.074 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

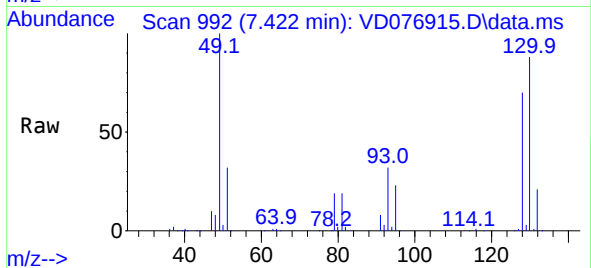
Tgt Ion: 43 Resp: 373772
Ion Ratio Lower Upper
43 100
72 33.7 12.9 38.7





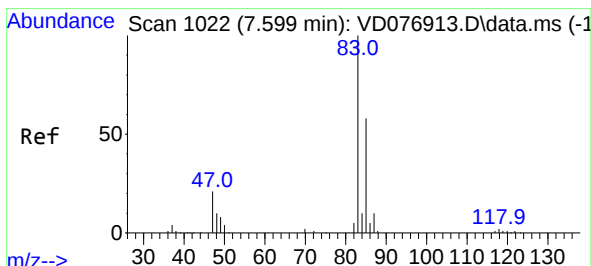
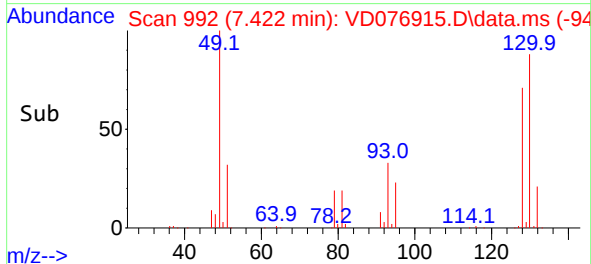
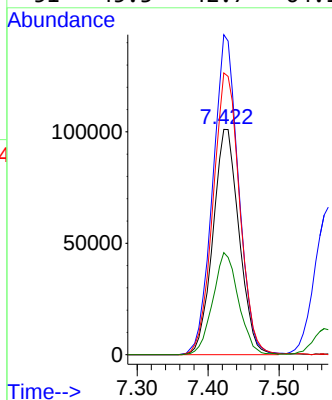
#23
Bromochloromethane
Concen: 117.015 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 258637

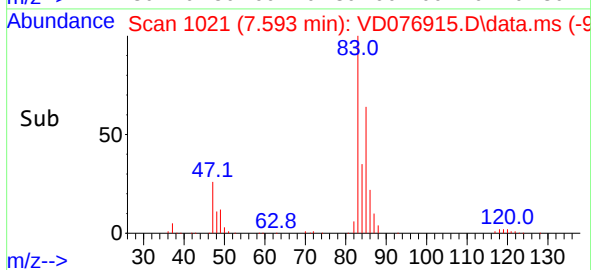
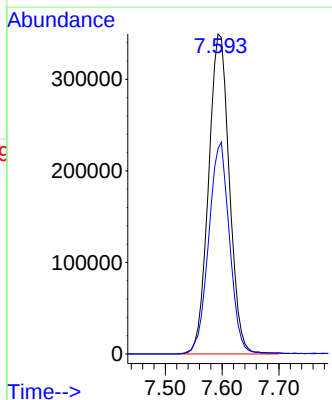
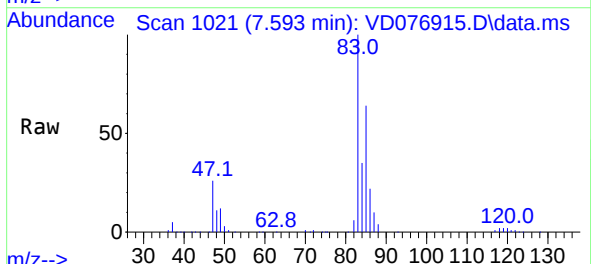
Ion	Ratio	Lower	Upper
128	100		
49	142.0	124.7	231.7
130	125.0	80.0	148.6
51	45.3	42.7	64.1

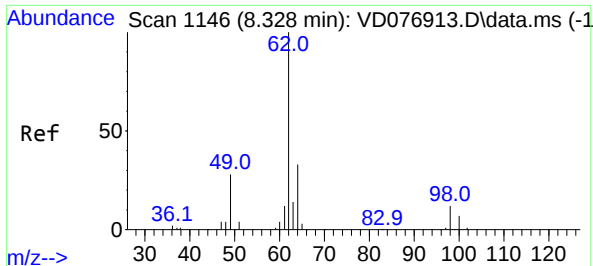


#25
Chloroform
Concen: 108.523 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Tgt Ion: 83 Resp: 888493

Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.4	84.4

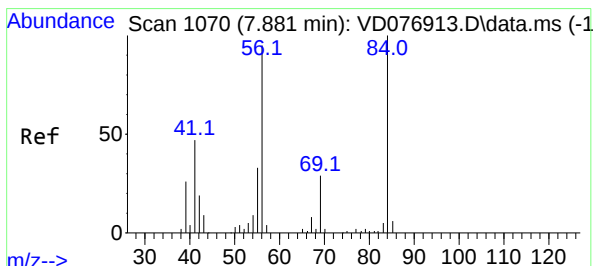
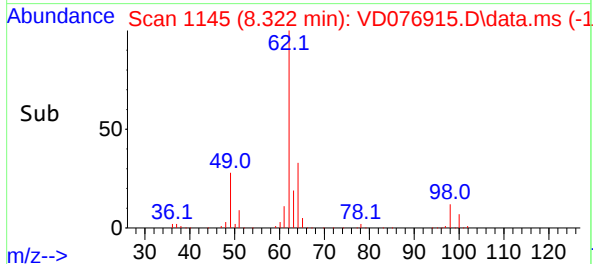
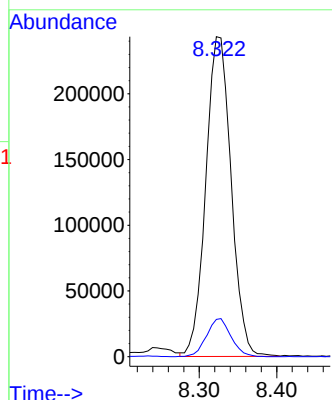
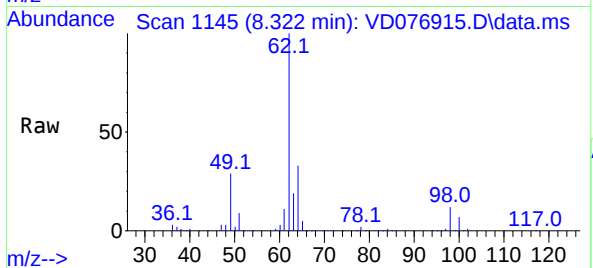




#27
1,2-Dichloroethane
Concen: 109.581 ug/L
RT: 8.322 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

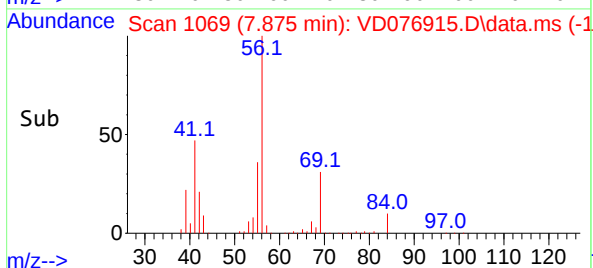
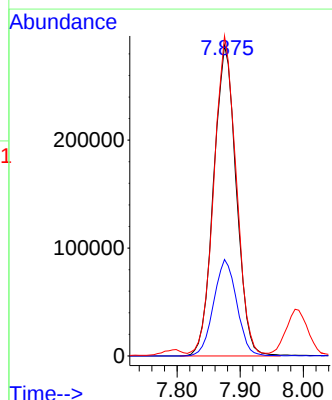
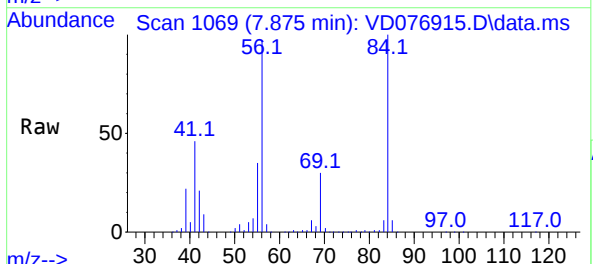
Instrument :
MSVOA_D
ClientSampleId :

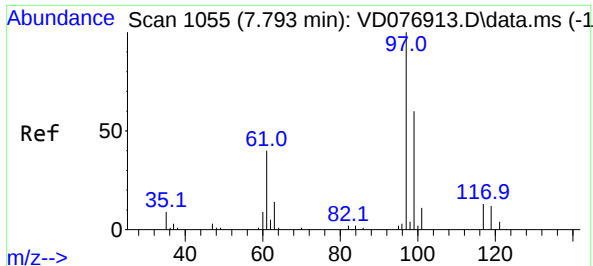
Tgt Ion: 62 Resp: 552486
Ion Ratio Lower Upper
62 100
98 11.6 8.7 13.1



#29
Cyclohexane
Concen: 87.382 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Tgt Ion: 56 Resp: 717903
Ion Ratio Lower Upper
56 100
69 31.6 23.4 35.0
84 101.4 66.3 99.5#



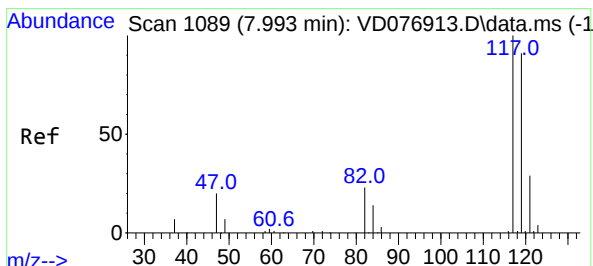
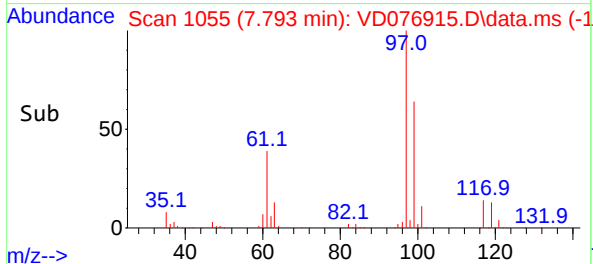
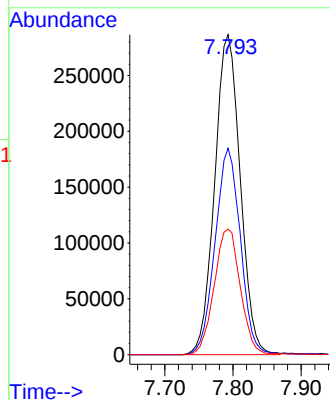
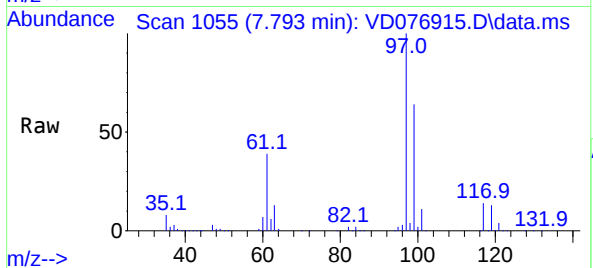


#30
1,1,1-Trichloroethane
Concen: 100.246 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 97 Resp: 747975

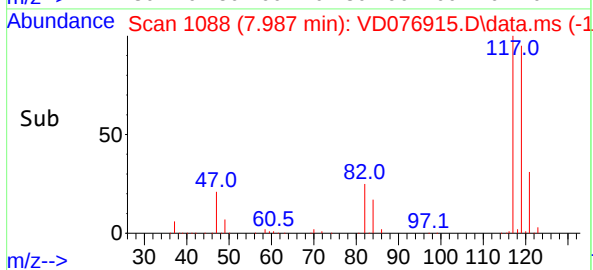
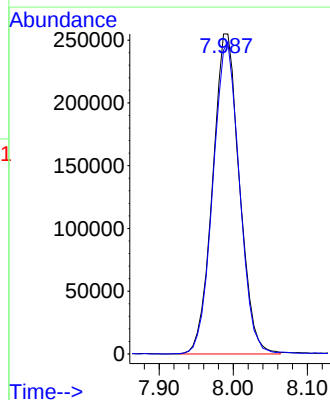
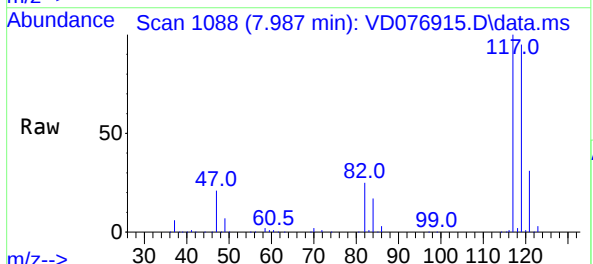
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.6
61	40.2	36.4	54.6

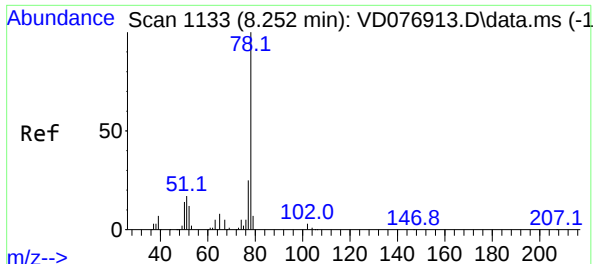


#31
Carbon tetrachloride
Concen: 106.033 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Tgt Ion: 117 Resp: 639850

Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.8	116.6

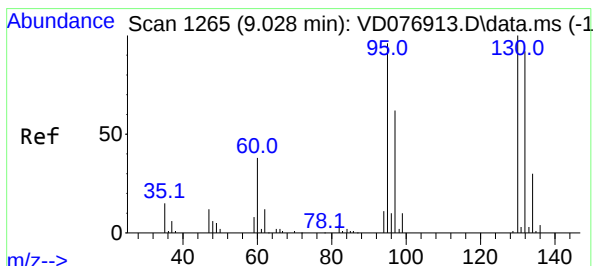
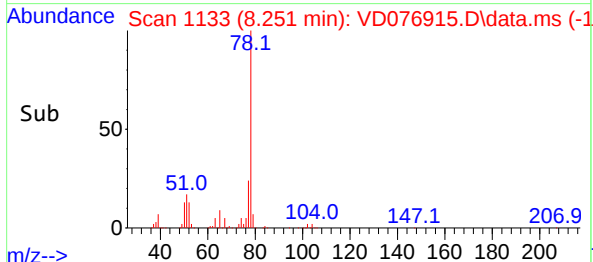
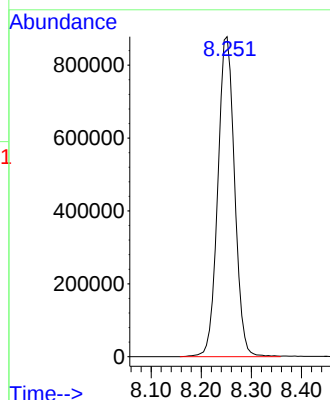
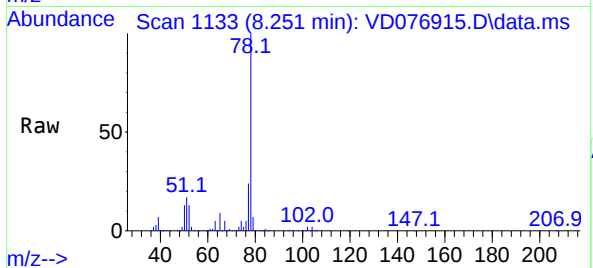




#33
Benzene
Concen: 97.336 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :

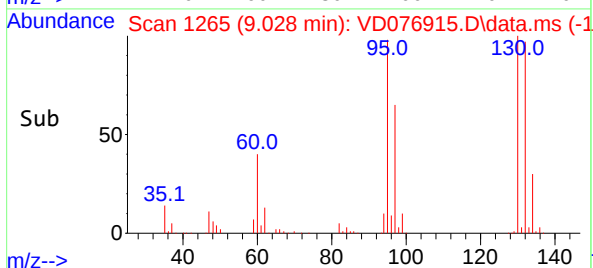
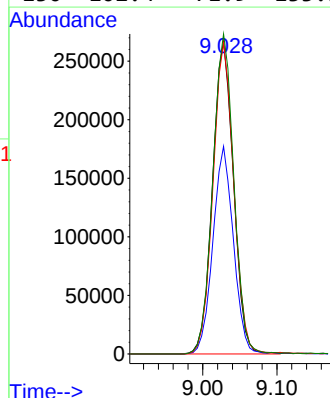
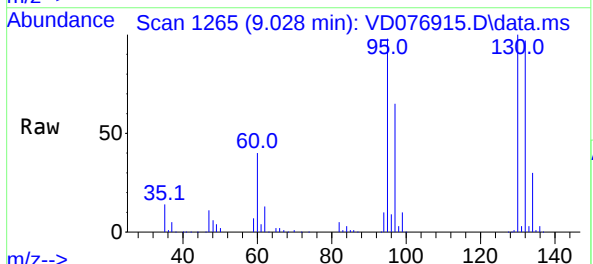
Tgt Ion: 78 Resp: 2042693

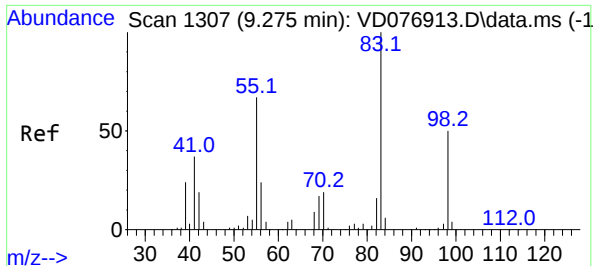


#34
Trichloroethene
Concen: 97.129 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Tgt Ion: 95 Resp: 522566

Ion	Ratio	Lower	Upper
95	100		
97	66.4	43.1	80.1
132	99.6	71.8	133.4
130	102.4	71.9	133.5





#35

Methylcyclohexane

Concen: 104.343 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076915.D

Acq: 03 Aug 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

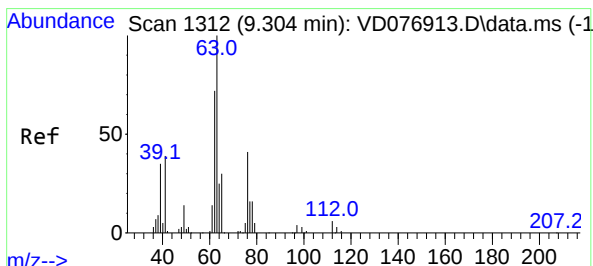
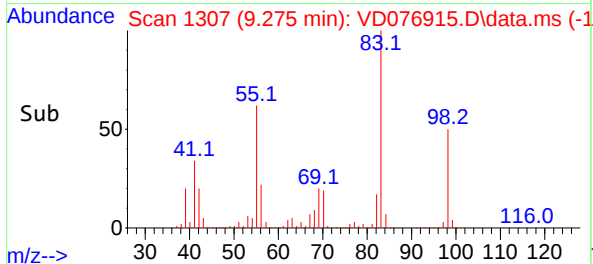
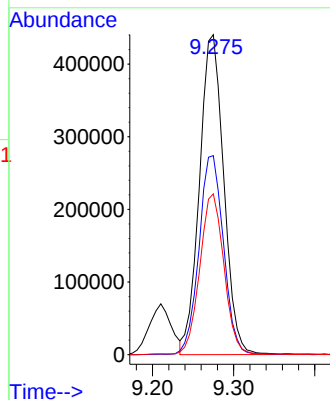
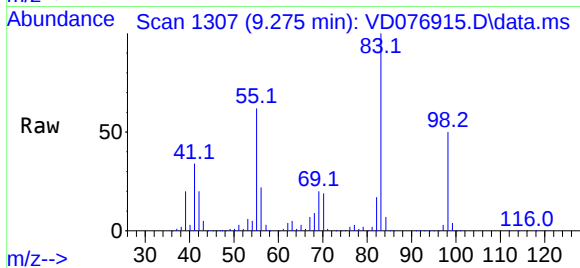
Tgt Ion: 83 Resp: 916276

Ion Ratio Lower Upper

83 100

55 62.4 59.8 89.6

98 50.2 37.8 56.6



#37

1,2-Dichloropropane

Concen: 90.077 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD076915.D

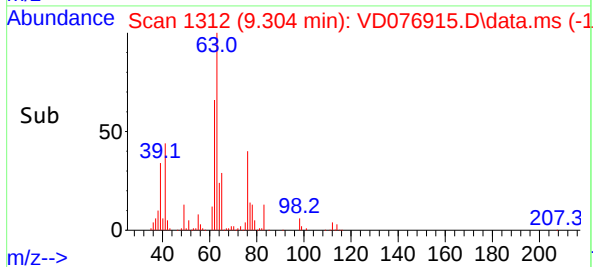
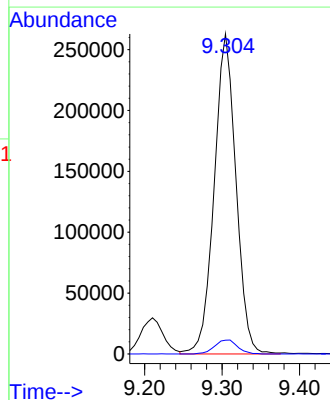
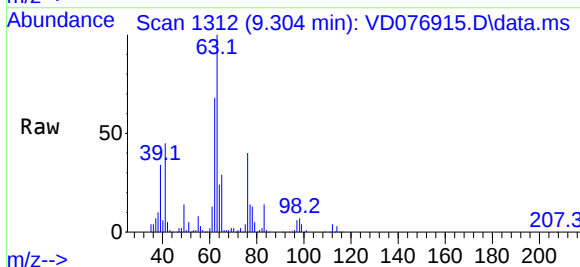
Acq: 03 Aug 2023 11:55

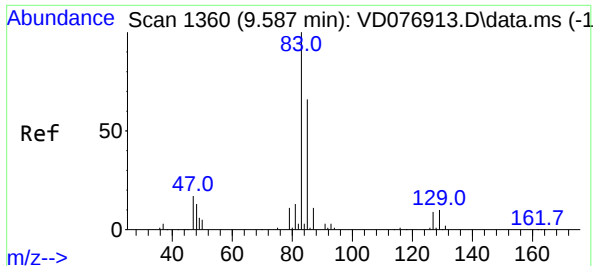
Tgt Ion: 63 Resp: 512489

Ion Ratio Lower Upper

63 100

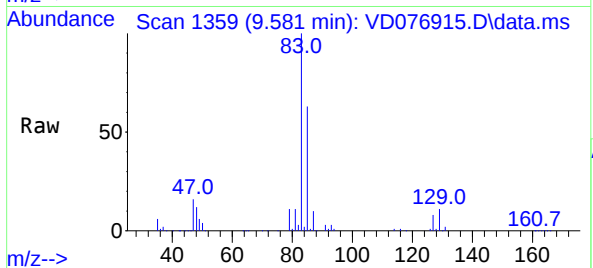
112 4.6 3.1 4.7



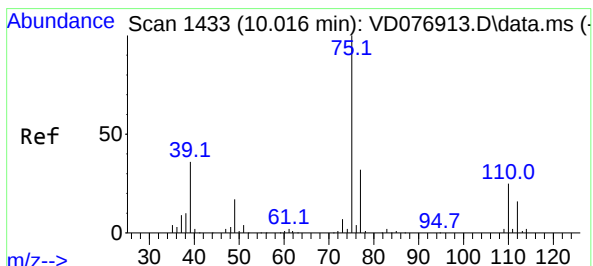
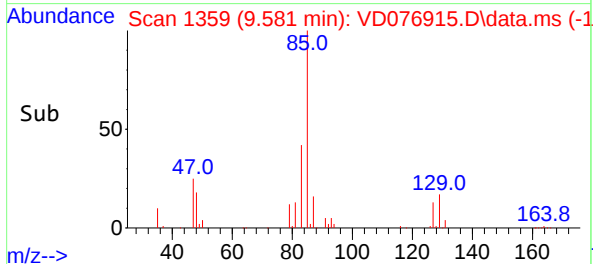
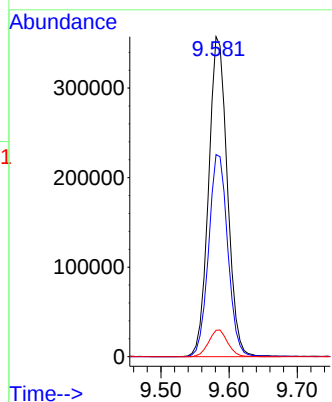


#38
Bromodichloromethane
Concen: 103.053 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :

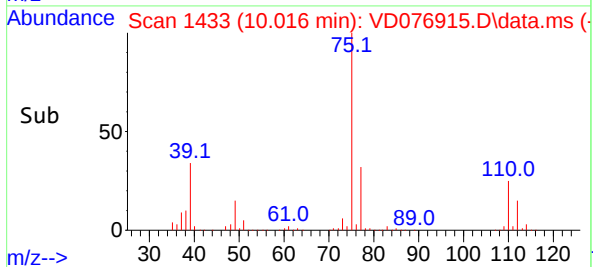
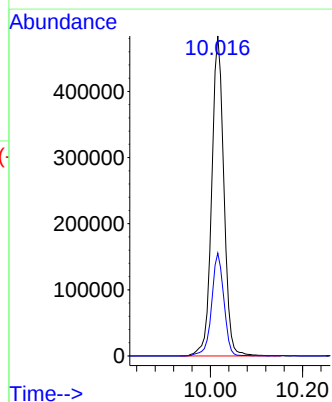
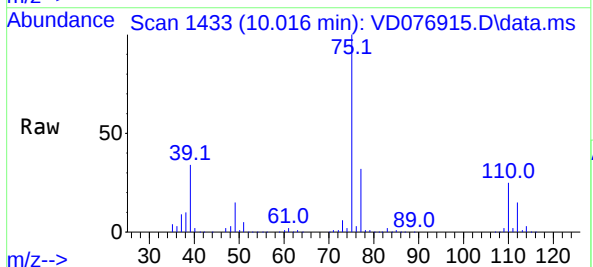


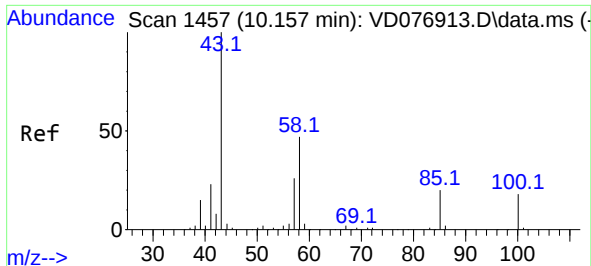
Tgt Ion: 83 Resp: 684348
Ion Ratio Lower Upper
83 100
85 63.1 43.9 81.5
127 8.3 6.6 9.8



#39
cis-1,3-Dichloropropene
Concen: 101.755 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Tgt Ion: 75 Resp: 889746
Ion Ratio Lower Upper
75 100
77 32.2 22.7 42.3

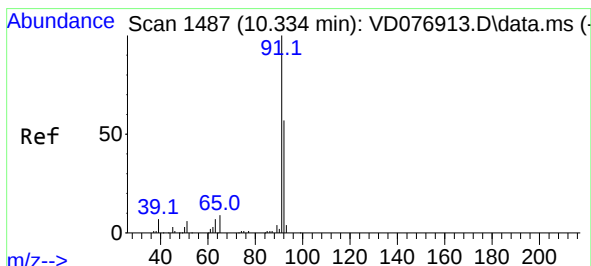
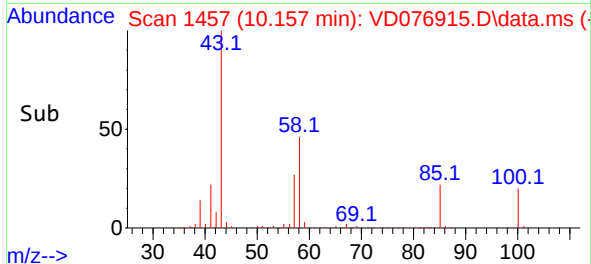
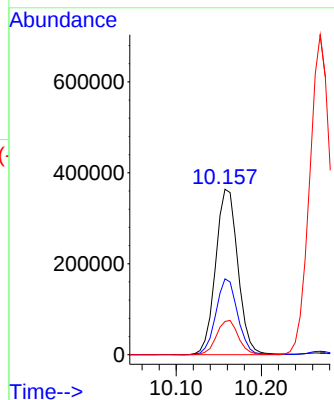
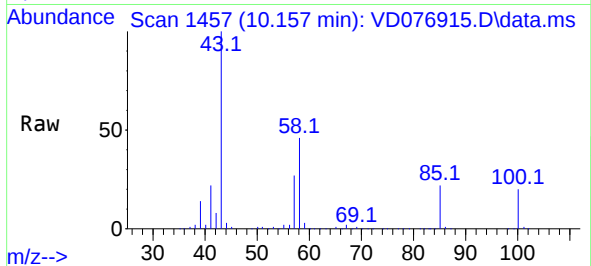




#40
4-Methyl-2-pentanone
Concen: 187.808 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

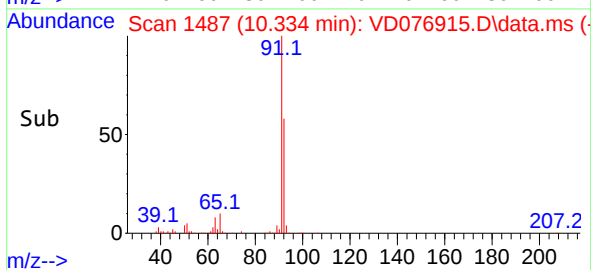
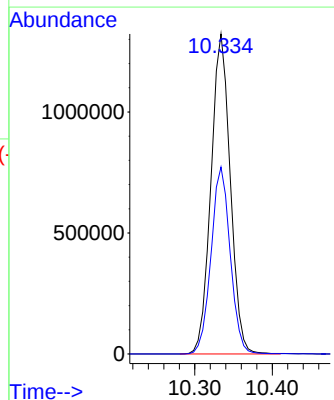
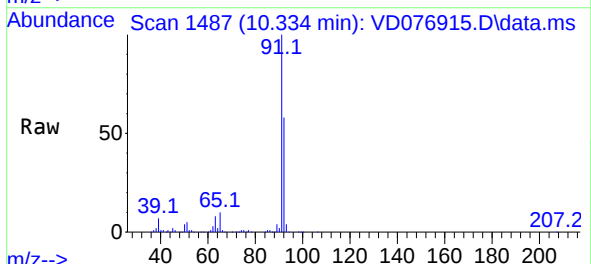
Instrument :
MSVOA_D
ClientSampleId :

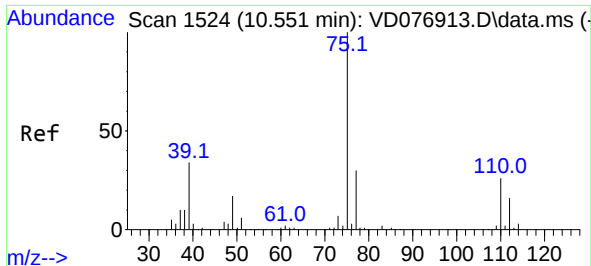
Tgt Ion: 43 Resp: 661232
Ion Ratio Lower Upper
43 100
58 44.7 30.7 46.1
100 20.3 11.0 16.4#



#42
Toluene
Concen: 101.313 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Tgt Ion: 91 Resp: 2287302
Ion Ratio Lower Upper
91 100
92 58.4 39.3 73.1

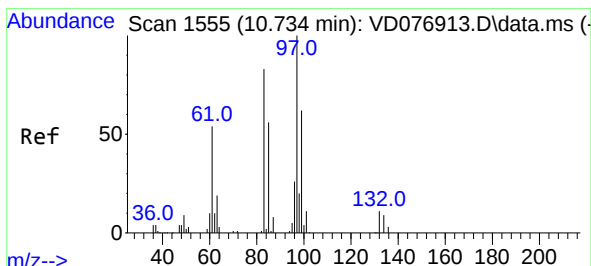
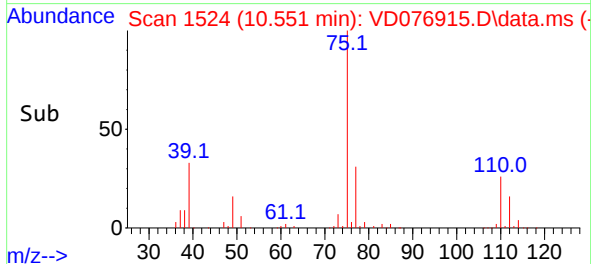
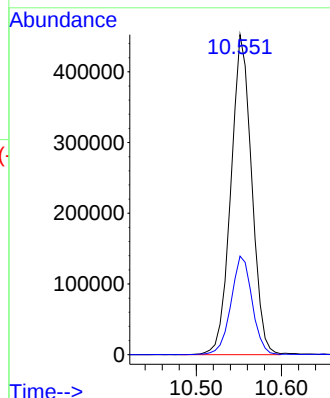
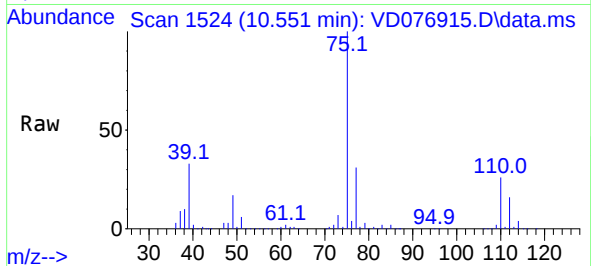




#44
trans-1,3-Dichloropropene
Concen: 106.547 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

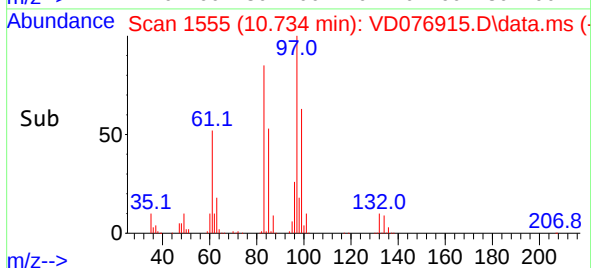
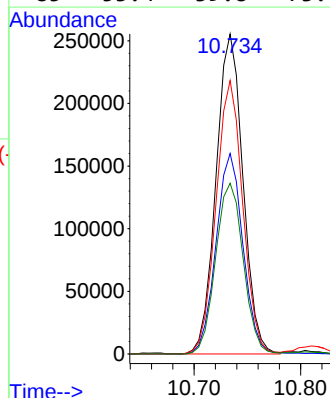
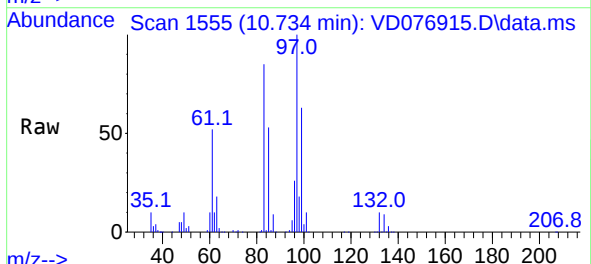
Instrument :
MSVOA_D
ClientSampleId :

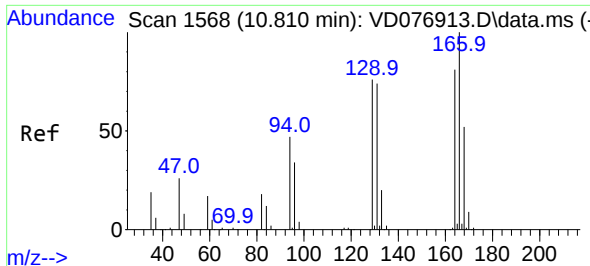
Tgt Ion: 75 Resp: 764853
Ion Ratio Lower Upper
75 100
77 30.8 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 109.449 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

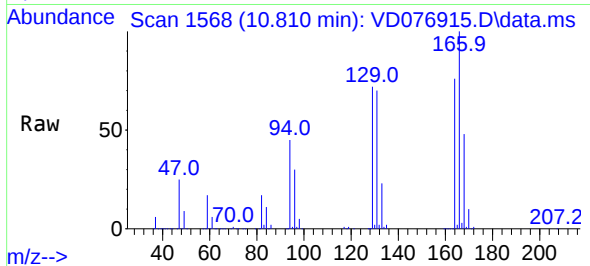
Tgt Ion: 97 Resp: 448016
Ion Ratio Lower Upper
97 100
99 62.6 41.9 77.9
83 85.5 59.2 110.0
85 53.4 39.8 73.8



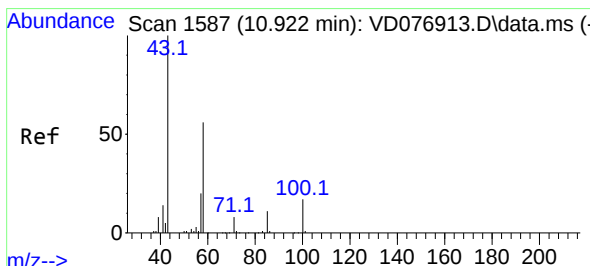
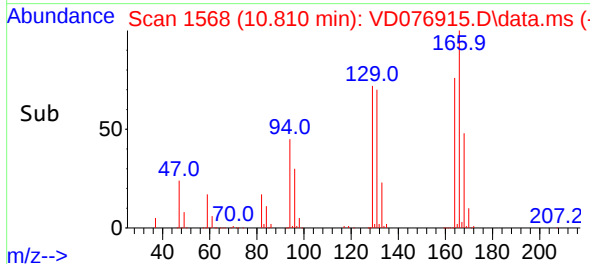
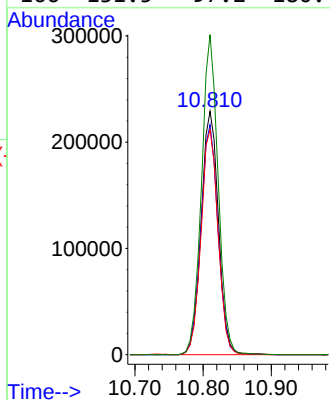


#46
Tetrachloroethene
Concen: 94.867 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :

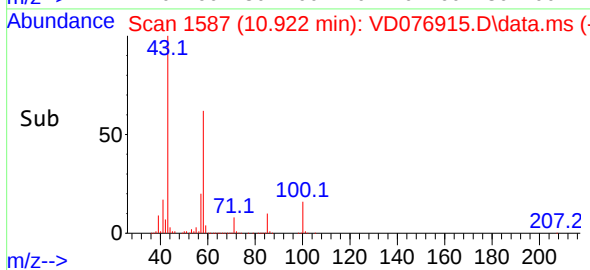
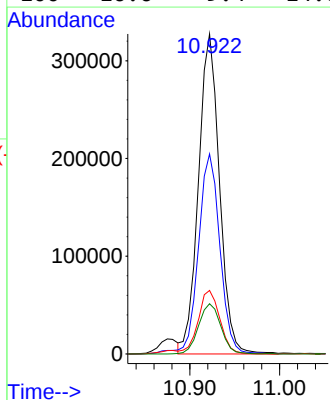
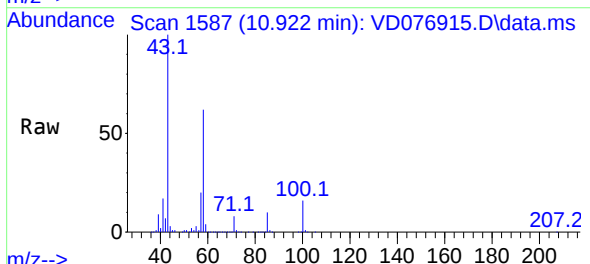


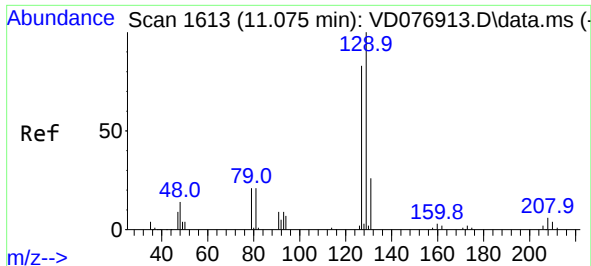
Tgt Ion:164 Resp: 403961
Ion Ratio Lower Upper
164 100
129 94.5 65.5 121.6
131 92.5 64.8 120.3
166 131.5 97.2 180.4



#48
2-Hexanone
Concen: 215.194 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Tgt Ion: 43 Resp: 534006
Ion Ratio Lower Upper
43 100
58 64.1 42.9 64.3
57 20.5 13.7 20.5
100 16.6 9.4 14.0#

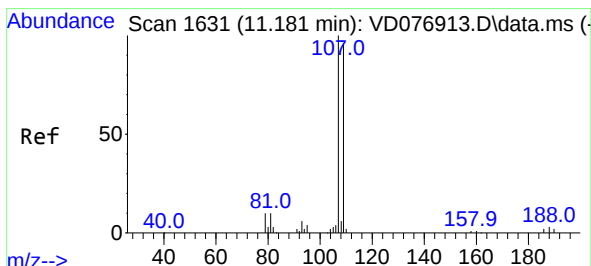
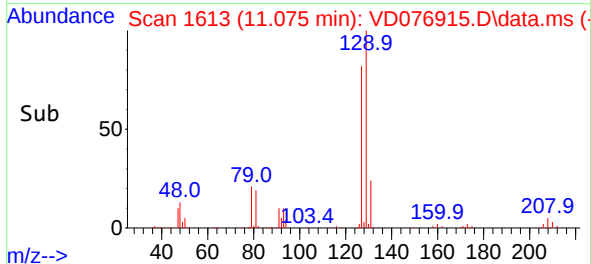
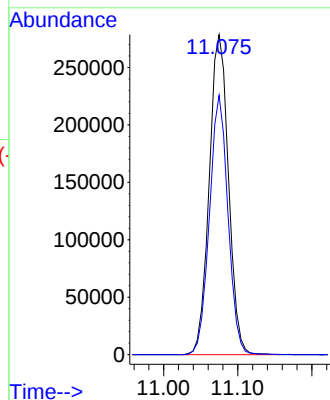
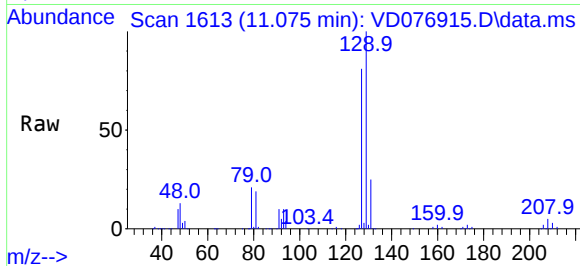




#49
Dibromochloromethane
Concen: 109.432 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

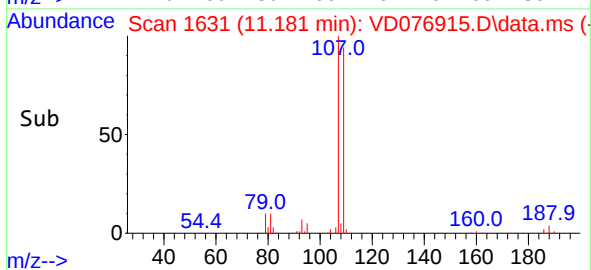
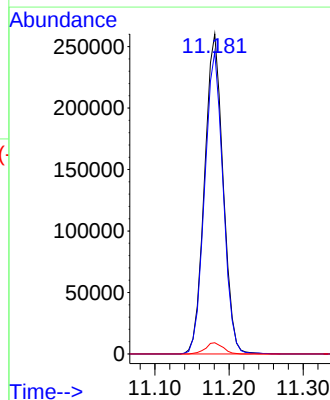
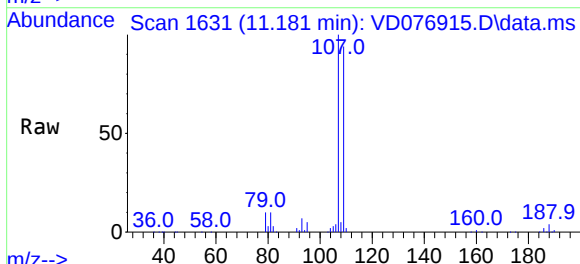
Instrument :
MSVOA_D
ClientSampleId :

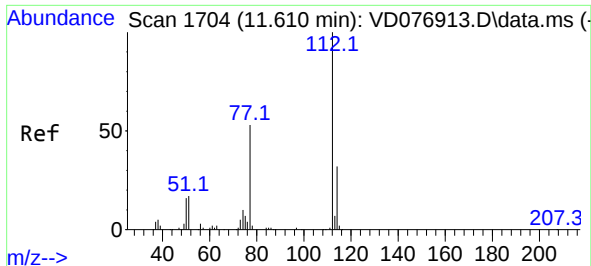
Tgt Ion:129 Resp: 502352
Ion Ratio Lower Upper
129 100
127 81.0 55.2 102.6



#50
1,2-Dibromoethane
Concen: 113.795 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

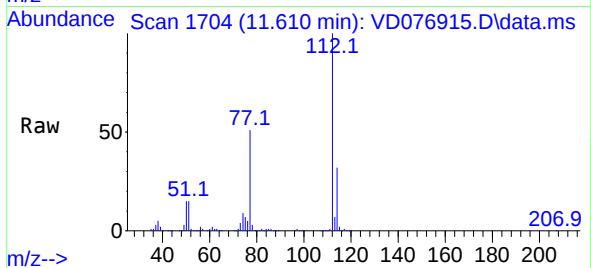
Tgt Ion:107 Resp: 451753
Ion Ratio Lower Upper
107 100
109 94.4 58.8 109.2
188 3.5 2.9 4.3



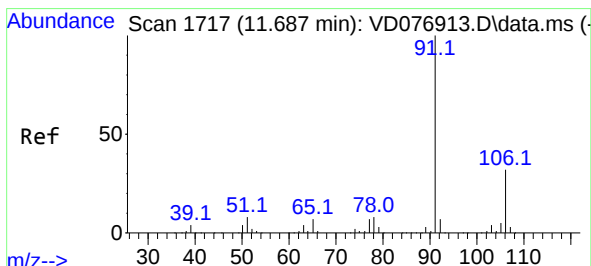
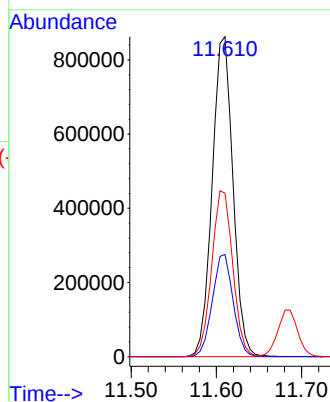
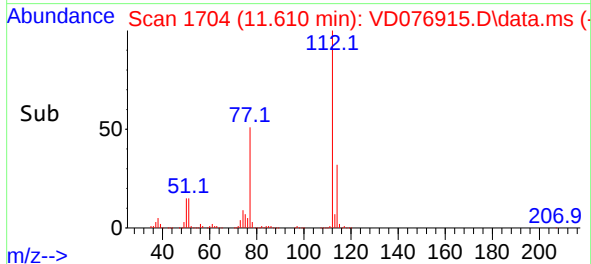


#51
Chlorobenzene
Concen: 103.374 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :

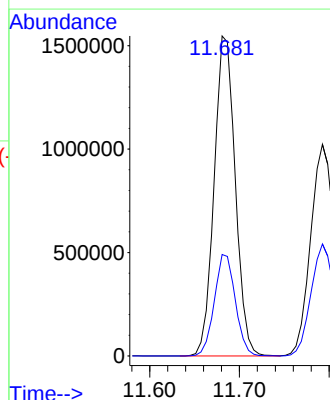
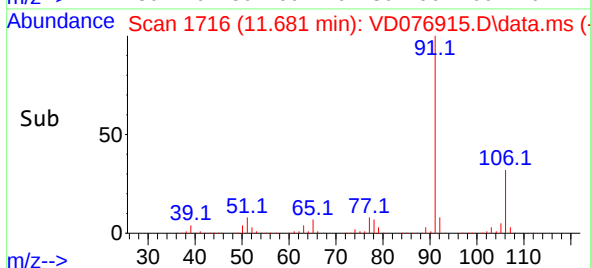
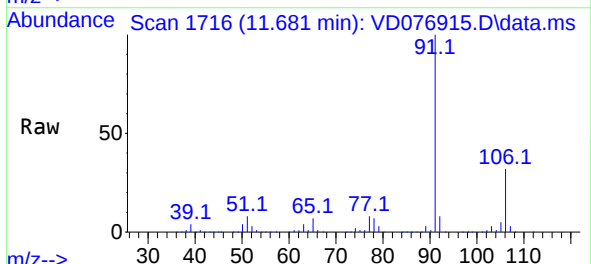


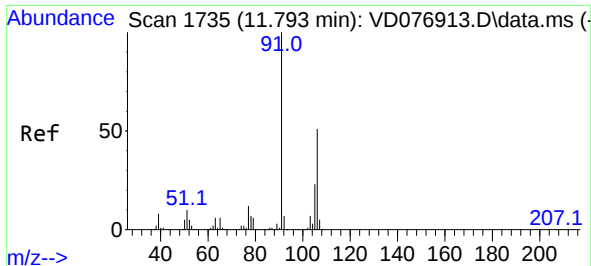
Tgt Ion:112 Resp: 1458023
Ion Ratio Lower Upper
112 100
114 31.9 21.5 39.9
77 51.1 43.4 65.2



#52
Ethylbenzene
Concen: 103.987 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Tgt Ion: 91 Resp: 2529522
Ion Ratio Lower Upper
91 100
106 31.7 22.4 41.6

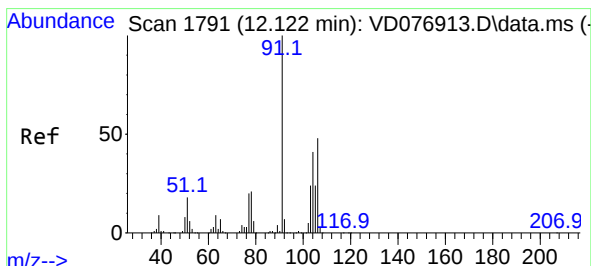
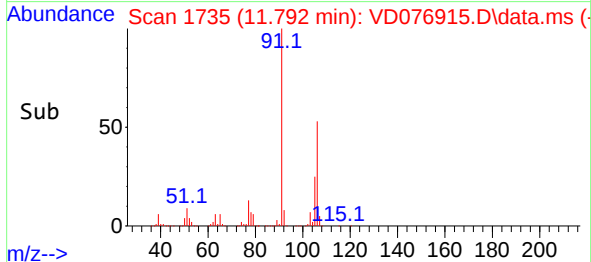
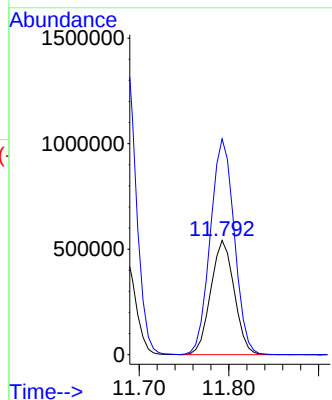
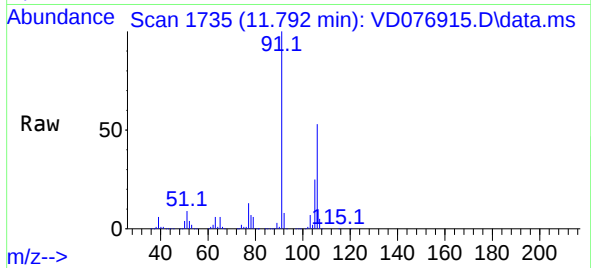




#53
m,p-Xylene
Concen: 103.217 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

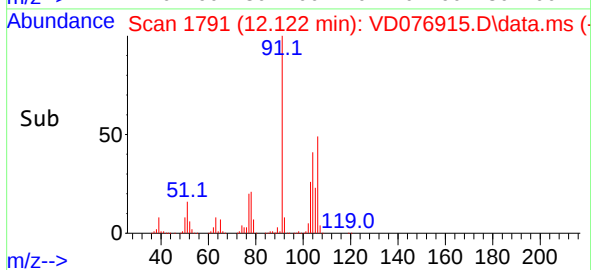
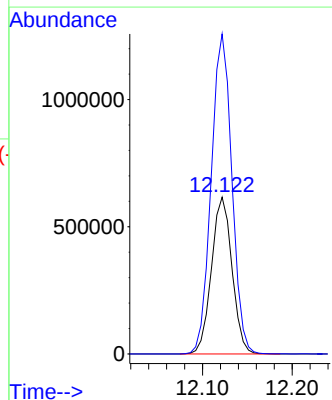
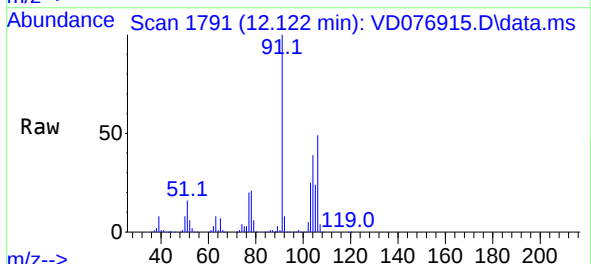
Instrument :
MSVOA_D
ClientSampleId :

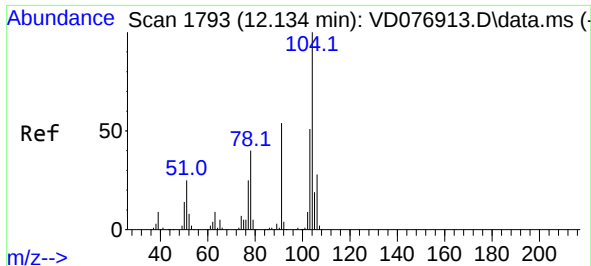
Tgt Ion:106 Resp: 984629
Ion Ratio Lower Upper
106 100
91 189.0 141.5 262.9



#54
o-Xylene
Concen: 107.874 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Tgt Ion:106 Resp: 979475
Ion Ratio Lower Upper
106 100
91 204.0 142.2 264.2

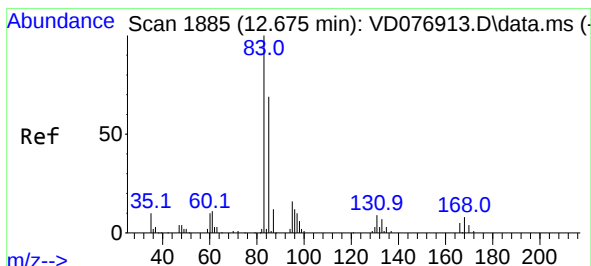
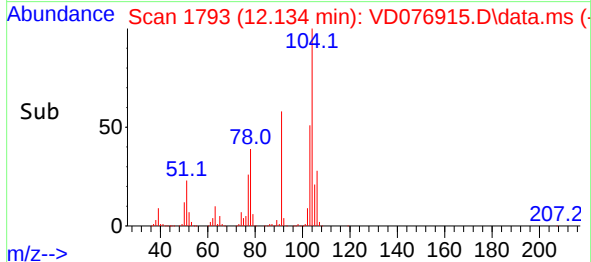
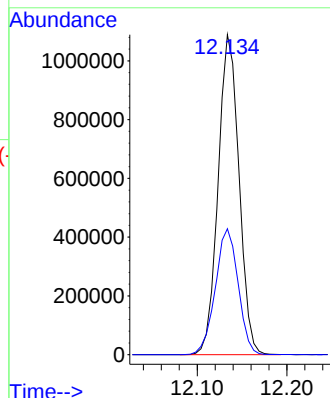
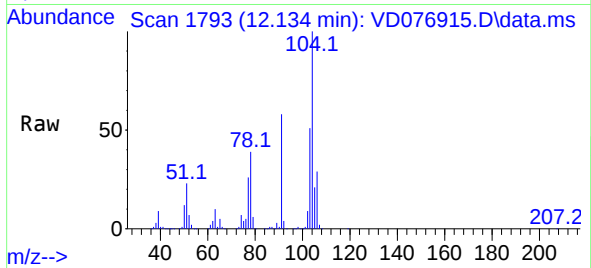




#55
Styrene
Concen: 110.776 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

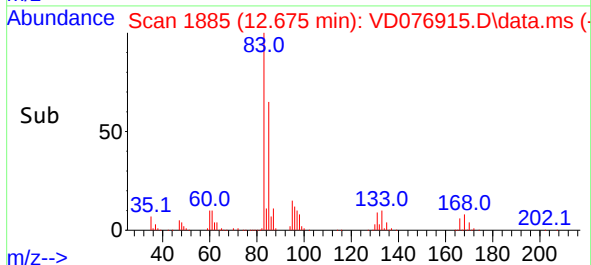
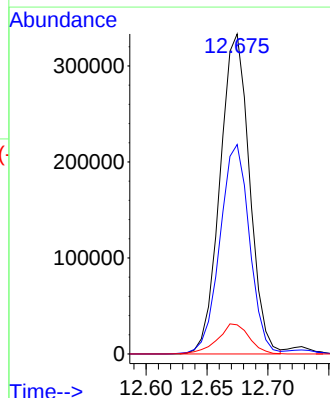
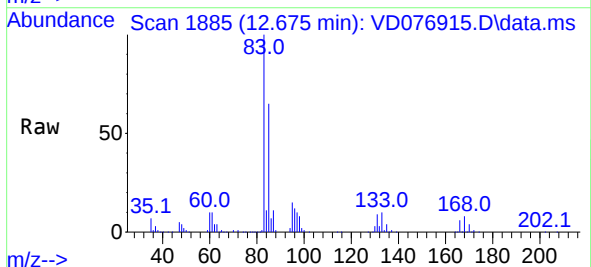
Instrument :
MSVOA_D
ClientSampleId :

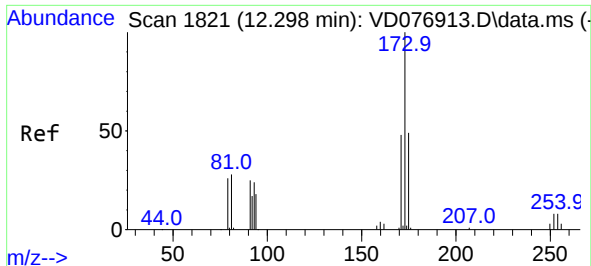
Tgt Ion:104 Resp: 1759134
Ion Ratio Lower Upper
104 100
78 39.3 31.3 58.1



#57
1,1,2,2-Tetrachloroethane
Concen: 117.675 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

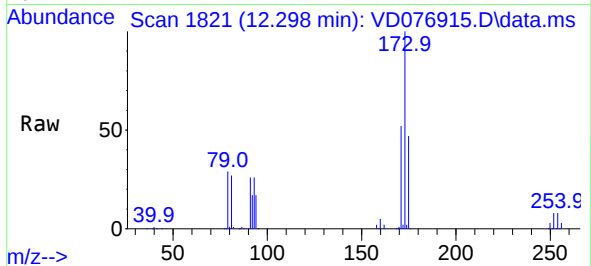
Tgt Ion: 83 Resp: 561082
Ion Ratio Lower Upper
83 100
85 65.5 46.3 86.1
131 9.1 7.0 10.4



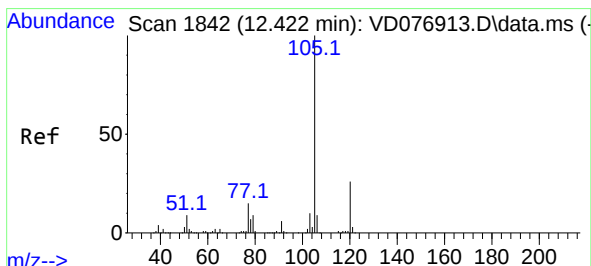
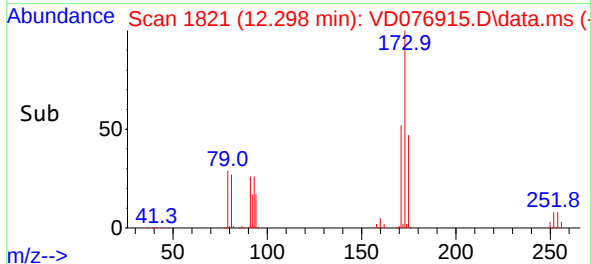
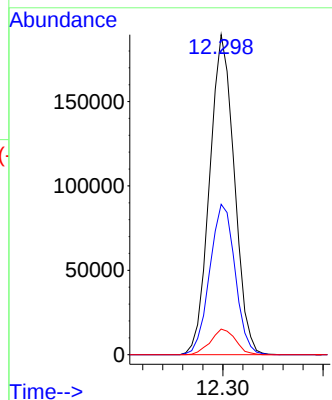


#59
Bromoform
Concen: 103.454 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :

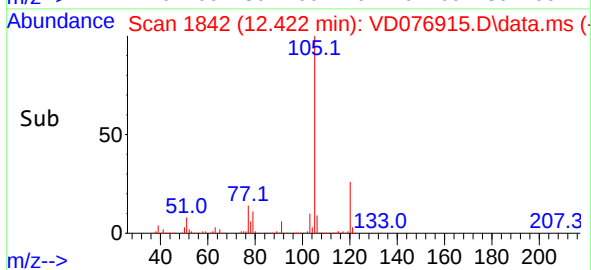
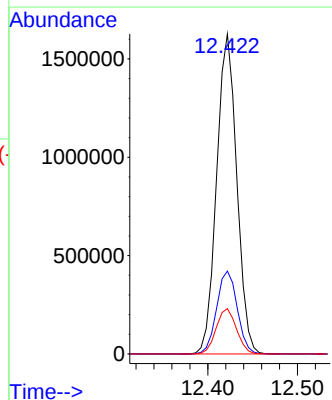
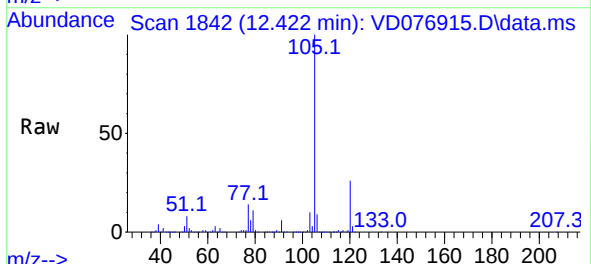


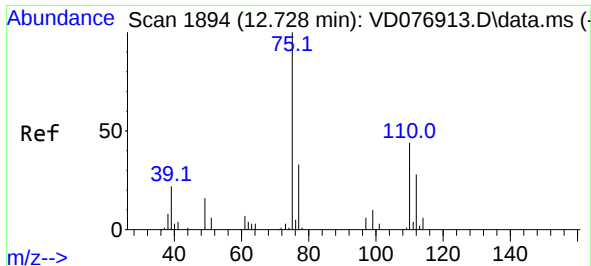
Tgt Ion:173 Resp: 323734
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.4
254 8.1 5.3 7.9#



#60
Isopropylbenzene
Concen: 97.198 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Tgt Ion:105 Resp: 2533686
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 14.3 12.2 18.4

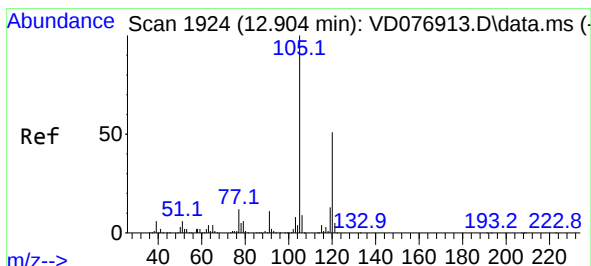
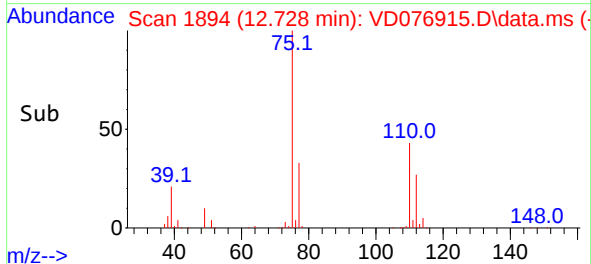
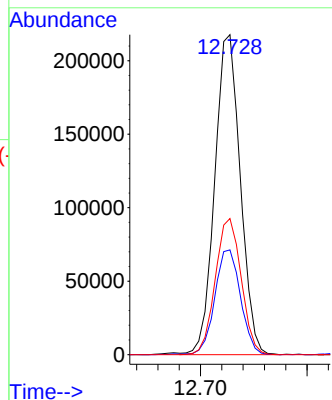
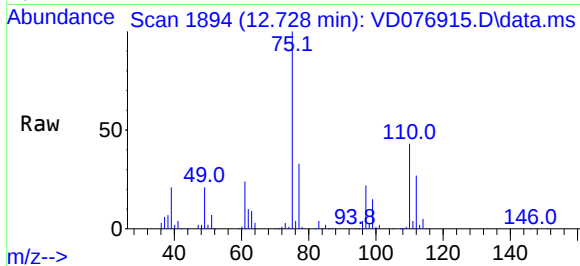




#61
1,2,3-Trichloropropane
Concen: 104.810 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

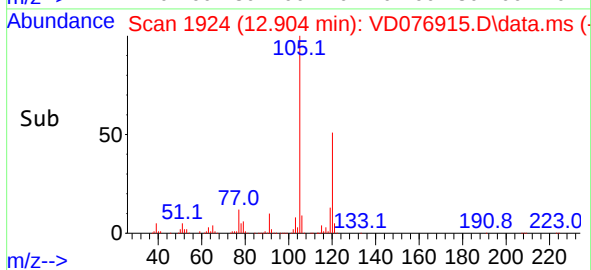
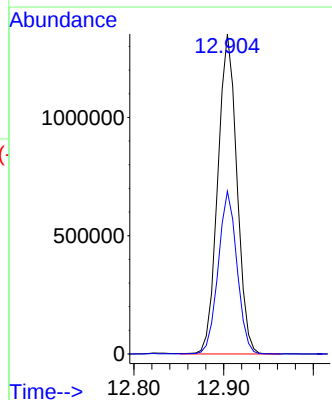
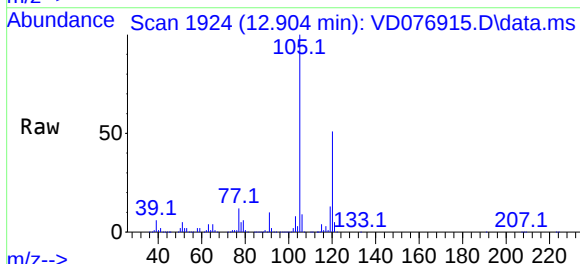
Instrument :
MSVOA_D
ClientSampleId :

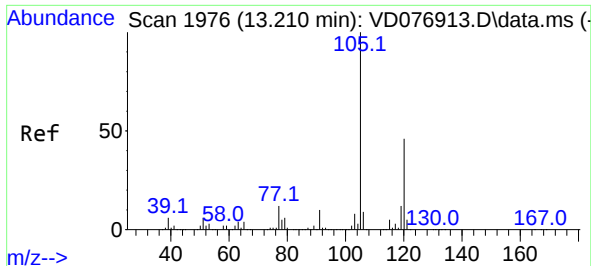
Tgt Ion: 75 Resp: 362394
Ion Ratio Lower Upper
75 100
77 33.0 27.2 40.8
110 43.0 31.8 47.6



#62
1,3,5-Trimethylbenzene
Concen: 96.839 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Tgt Ion: 105 Resp: 1999133
Ion Ratio Lower Upper
105 100
120 49.9 39.8 59.6

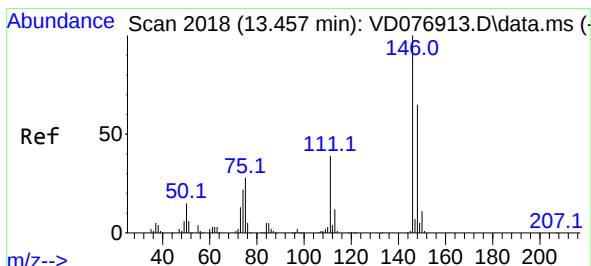
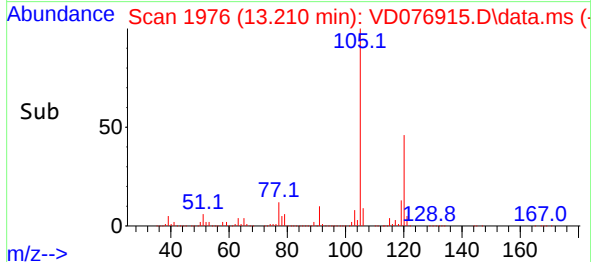
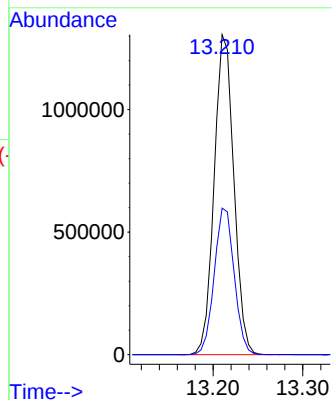
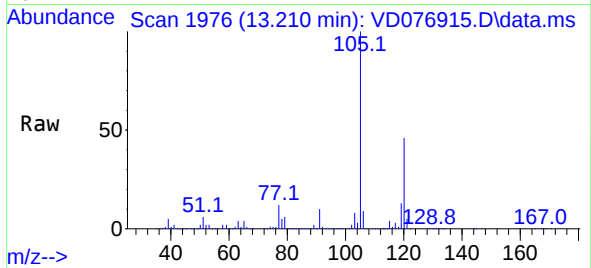




#63
1,2,4-Trimethylbenzene
Concen: 96.950 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

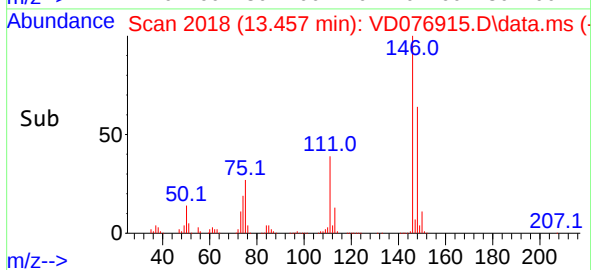
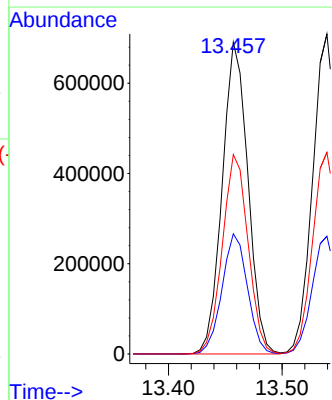
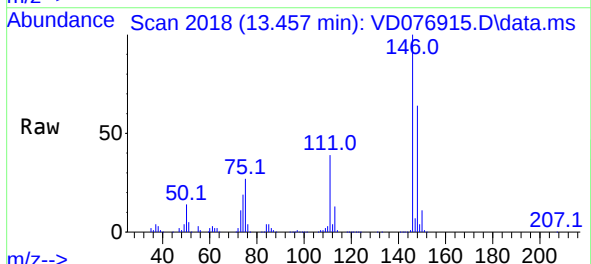
Instrument :
MSVOA_D
ClientSampleId :

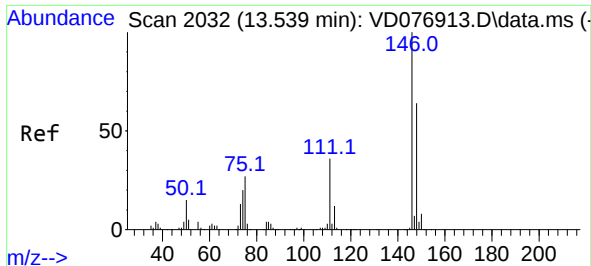
Tgt Ion:105 Resp: 1988878
Ion Ratio Lower Upper
105 100
120 46.4 37.5 56.3



#64
1,3-Dichlorobenzene
Concen: 94.124 ug/L
RT: 13.457 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

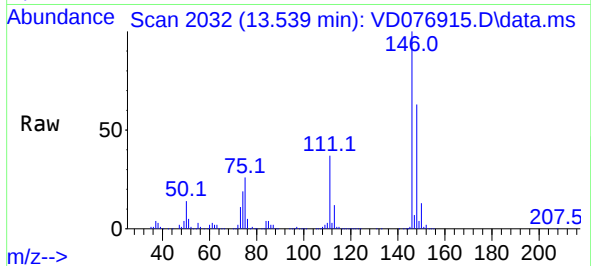
Tgt Ion:146 Resp: 1087776
Ion Ratio Lower Upper
146 100
111 38.5 25.6 47.4
148 63.9 44.3 82.3



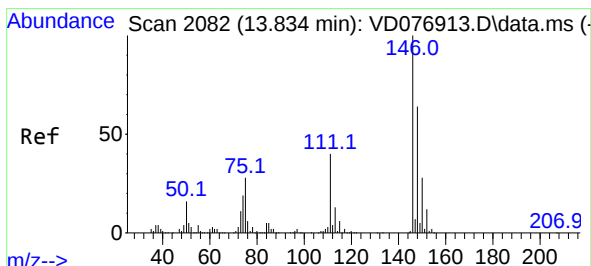
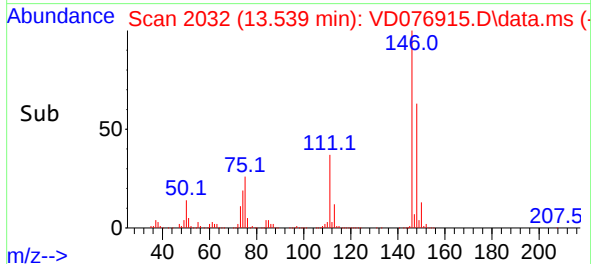
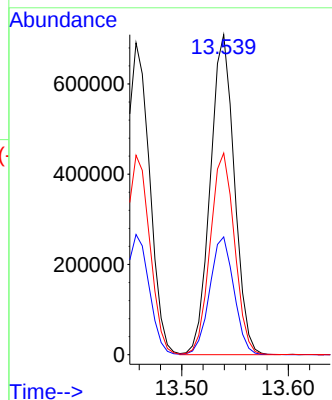


#65
1,4-Dichlorobenzene
Concen: 94.552 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :

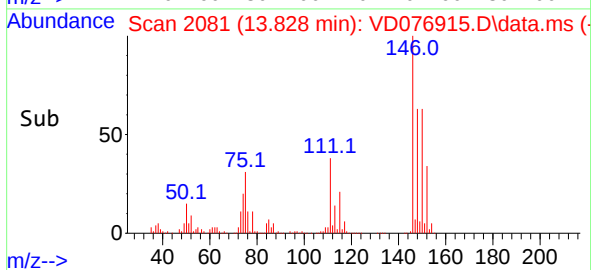
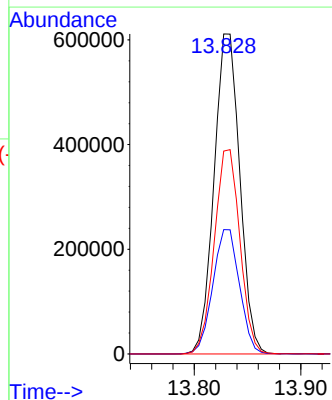
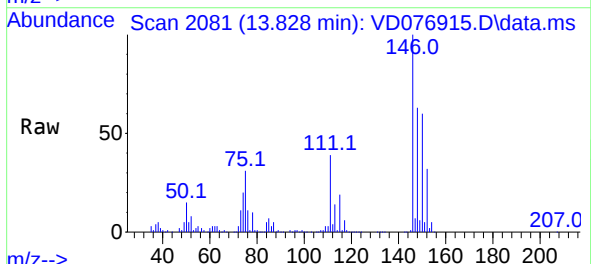


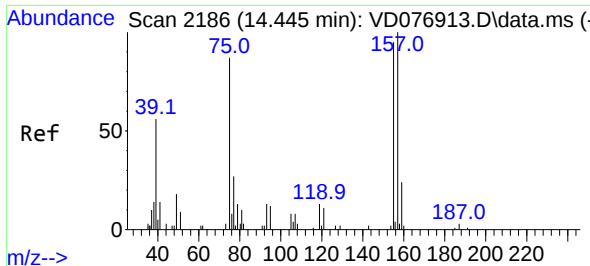
Tgt Ion:146 Resp: 1111663
Ion Ratio Lower Upper
146 100
111 36.8 25.7 47.7
148 63.0 45.4 84.2



#67
1,2-Dichlorobenzene
Concen: 98.615 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Tgt Ion:146 Resp: 1027637
Ion Ratio Lower Upper
146 100
111 38.9 31.3 46.9
148 63.4 51.7 77.5

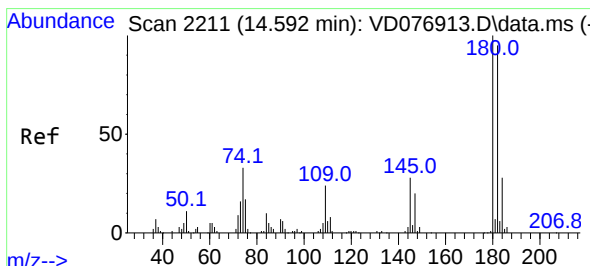
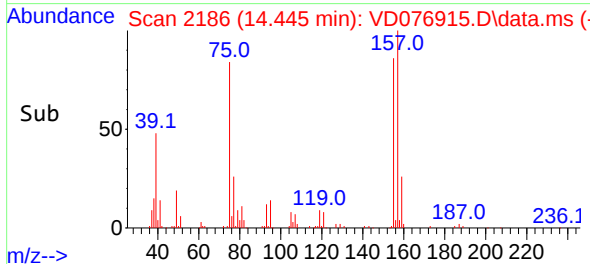
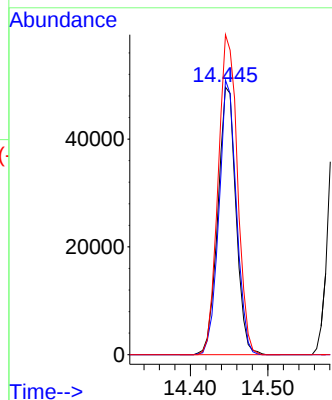
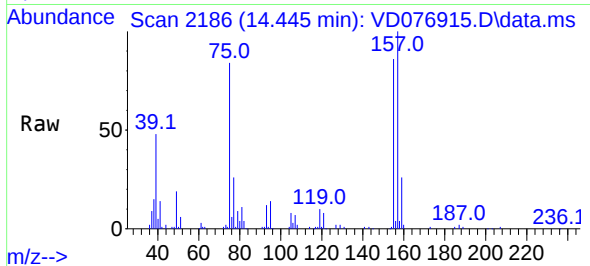




#68
1,2-Dibromo-3-chloropropane
Concen: 105.925 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

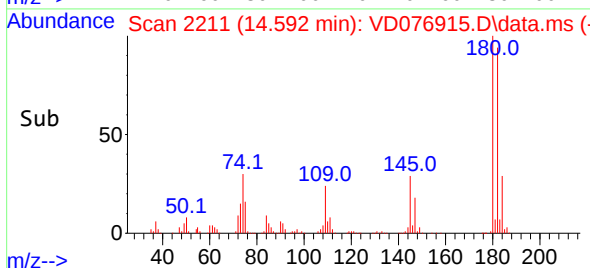
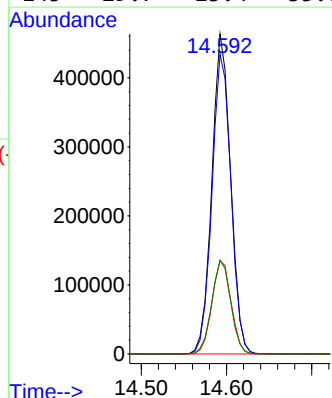
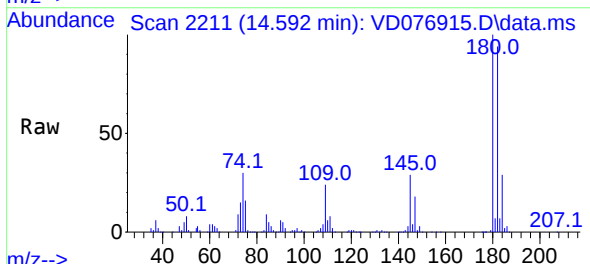
Instrument :
MSVOA_D
ClientSampleId :

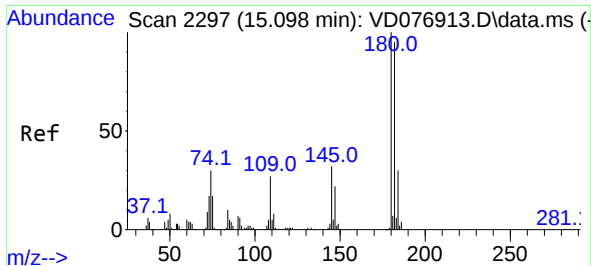
Tgt Ion:	75	Resp:	80718
Ion	Ratio	Lower	Upper
75	100		
155	102.7	76.2	114.4
157	119.6	89.4	134.2



#69
1,3,5-Trichlorobenzene
Concen: 92.614 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

Tgt Ion:	180	Resp:	708190
Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.1	115.7
184	29.7	25.0	37.4
145	29.7	23.4	35.0

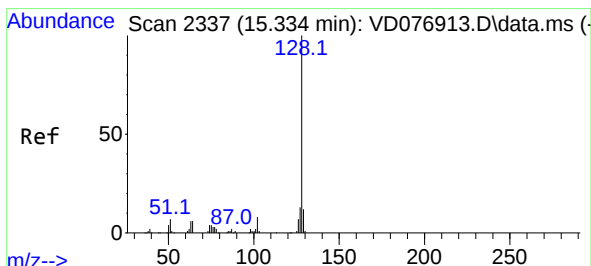
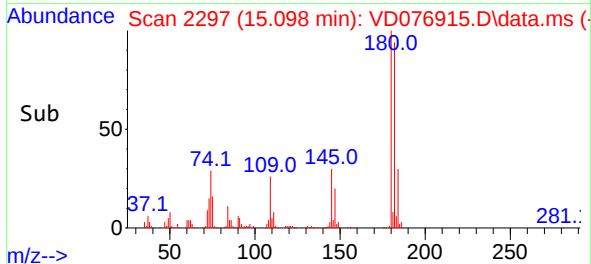
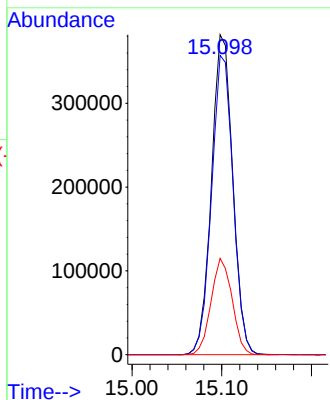
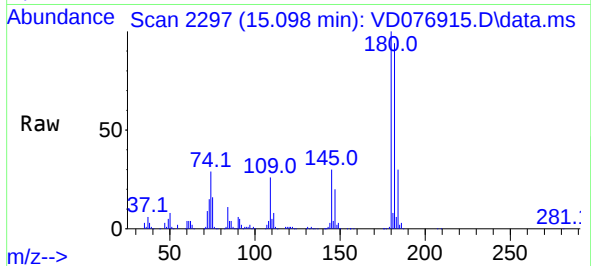




#70
1,2,4-trichlorobenzene
Concen: 92.680 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

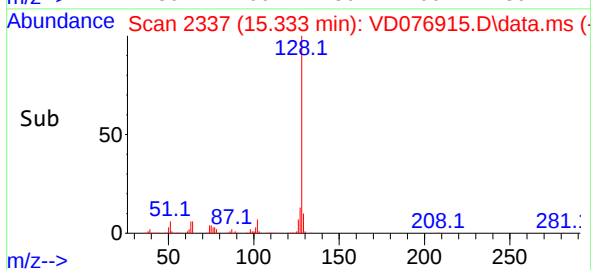
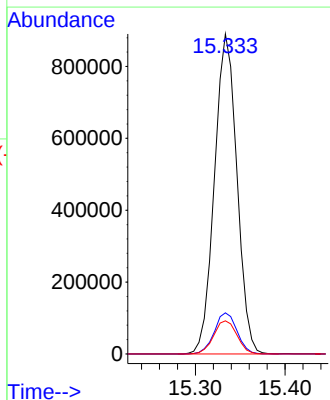
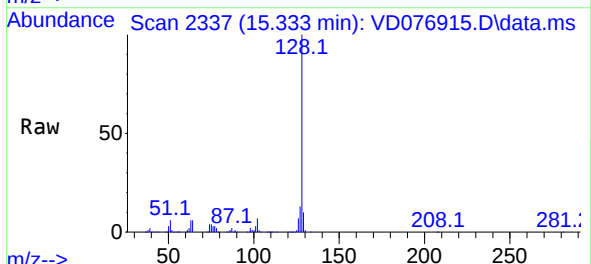
Instrument :
MSVOA_D
ClientSampleId :

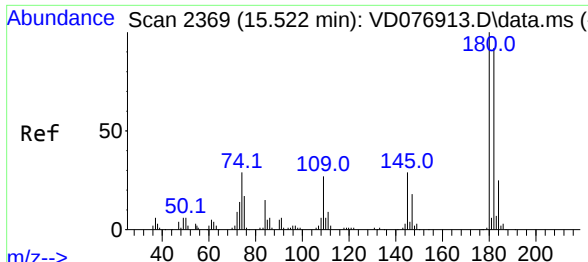
Tgt Ion:180 Resp: 629707
Ion Ratio Lower Upper
180 100
182 94.2 76.9 115.3
145 29.7 23.5 35.3



#71
Naphthalene
Concen: 114.184 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076915.D
Acq: 03 Aug 2023 11:55

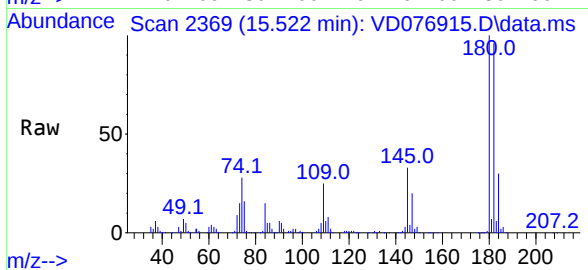
Tgt Ion:128 Resp: 1547630
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 10.8 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 94.945 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD076915.D
 Acq: 03 Aug 2023 11:55

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	180	Resp:	566992
Ion Ratio	Lower	Upper	
180	100		
182	95.5	74.3	111.5
145	31.6	25.0	37.6

