

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076682.D
 Acq On : 03 Jul 2023 10:00
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025169

Quant Time: Jul 04 01:09:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	241190	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	208450	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	102874	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	109964	18.722	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.880%		
7) Chloroethane-d5	2.799	69	89848	18.918	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.680%		
11) 1,1-Dichloroethene-d2	3.917	65	32122	20.951	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	83.800%		
21) 2-Butanone-d5	6.981	46	38700	43.505	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.000%		
24) Chloroform-d	7.564	84	144074	22.673	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.680%		
26) 1,2-Dichloroethane-d4	8.228	65	74071	23.629	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.520%		
32) Benzene-d6	8.199	84	282994	22.193	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.760%		
36) 1,2-Dichloropropane-d6	9.205	67	88429	21.726	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.920%		
41) Toluene-d8	10.269	98	265682	22.502	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.000%		
43) trans-1,3-Dichloroprop...	10.528	79	37498	22.150	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.600%		
47) 2-Hexanone-d5	10.875	63	28169	44.585	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.160%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	67401	23.276	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	93.120%		
66) 1,2-Dichlorobenzene-d4	13.816	152	88253	23.405	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.929	85	112801	30.014	ug/L	99
3) Chloromethane	2.146	50	138938	22.238	ug/L	98
5) Vinyl chloride	2.281	62	159133	23.610	ug/L	94
6) Bromomethane	2.693	94	83278	22.308	ug/L	99
8) Chloroethane	2.834	64	95101	23.035	ug/L	96
9) Trichlorofluoromethane	3.170	101	161107	33.059	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	94280	29.825	ug/L	100
12) 1,1-Dichloroethene	3.940	96	84744	27.073	ug/L	86
13) Acetone	4.023	43	30642	42.648	ug/L	96
14) Carbon disulfide	4.264	76	276512	24.369	ug/L	98
15) Methyl Acetate	4.558	43	33926	20.685	ug/L #	84
16) Methylene chloride	4.793	84	87439	20.858	ug/L	87
17) trans-1,2-Dichloroethene	5.311	96	87966	25.206	ug/L	93
18) Methyl tert-butyl Ether	5.317	73	188330	23.704	ug/L #	94
19) 1,1-Dichloroethane	6.105	63	156782	24.573	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	93517	23.994	ug/L	95
22) 2-Butanone	7.081	43	47105	40.626	ug/L	99
23) Bromochloromethane	7.428	128	41054	24.819	ug/L	87
25) Chloroform	7.593	83	161805	25.985	ug/L	97

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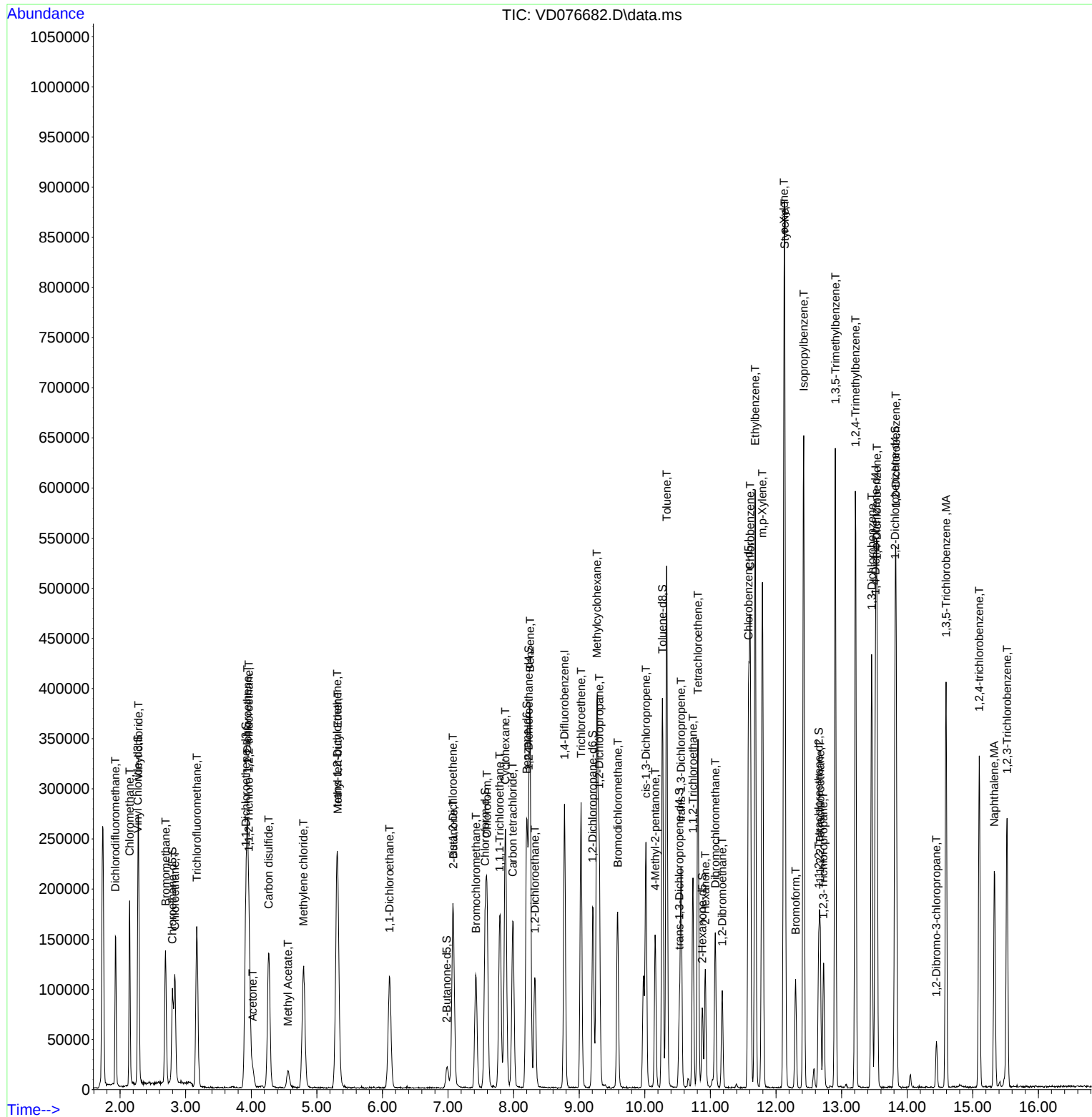
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	99882	26.084	ug/L #	94
29) Cyclohexane	7.875	56	149423	26.956	ug/L	96
30) 1,1,1-Trichloroethane	7.787	97	147078	30.372	ug/L	98
31) Carbon tetrachloride	7.987	117	125291	32.352	ug/L	98
33) Benzene	8.252	78	345299	25.029	ug/L	100
34) Trichloroethene	9.028	95	91668	25.866	ug/L	95
35) Methylcyclohexane	9.269	83	162281	28.396	ug/L	97
37) 1,2-Dichloropropane	9.305	63	89682	23.844	ug/L #	97
38) Bromodichloromethane	9.587	83	118277	27.571	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	138498	24.114	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	103384	44.184	ug/L	96
42) Toluene	10.334	91	375744	25.486	ug/L	97
44) trans-1,3-Dichloropropene	10.552	75	119009	25.493	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	63215	24.503	ug/L	96
46) Tetrachloroethene	10.810	164	75181	26.984	ug/L	97
48) 2-Hexanone	10.922	43	76801	47.925	ug/L	97
49) Dibromochloromethane	11.075	129	79132	26.990	ug/L	99
50) 1,2-Dibromoethane	11.181	107	60702	24.242	ug/L	81
51) Chlorobenzene	11.604	112	235826	25.621	ug/L	98
52) Ethylbenzene	11.681	91	420895	26.487	ug/L	100
53) m,p-Xylene	11.793	106	160565	25.712	ug/L	94
54) o-Xylene	12.122	106	149297	25.109	ug/L	98
55) Styrene	12.134	104	263075	25.609	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	71358	24.202	ug/L	94
59) Bromoform	12.299	173	47463	25.772	ug/L #	98
60) Isopropylbenzene	12.422	105	417739	26.548	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	48688	24.387	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	325028	25.818	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	321128	25.849	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	176082	25.154	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	176522	25.016	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	155295	24.902	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	11254	25.294	ug/L	97
69) 1,3,5-Trichlorobenzene	14.593	180	122984	26.339	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	102084	24.572	ug/L	100
71) Naphthalene	15.328	128	186248	23.415	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	88811	24.617	ug/L	100

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

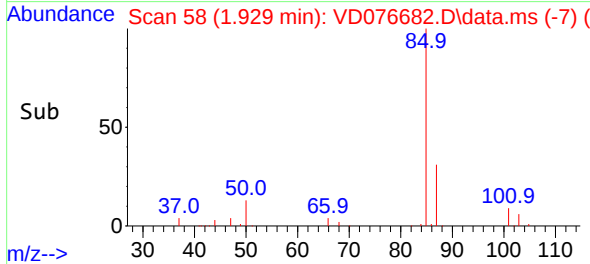
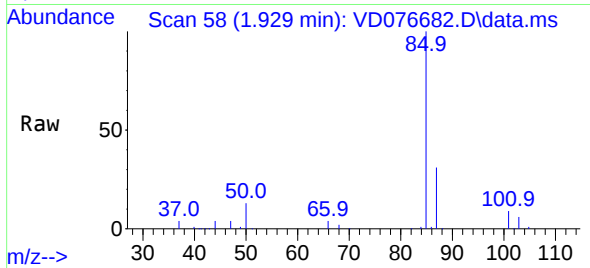
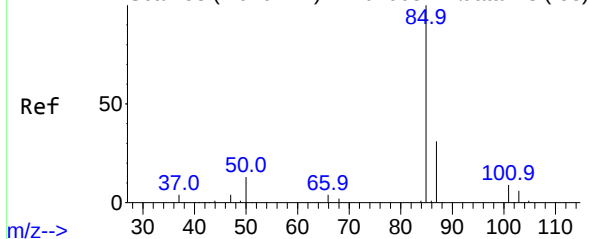
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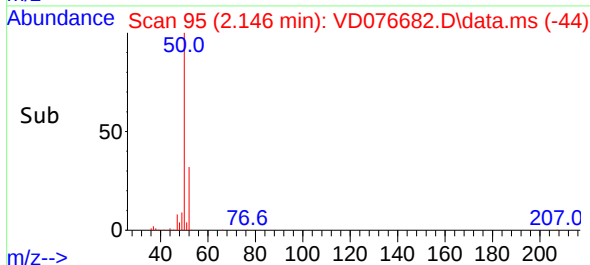
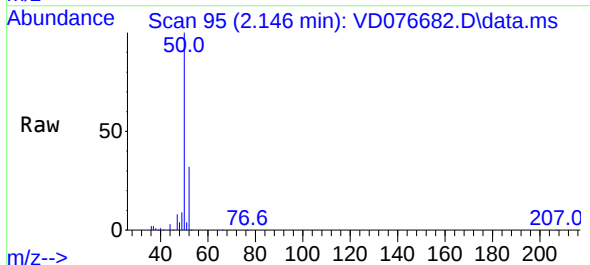
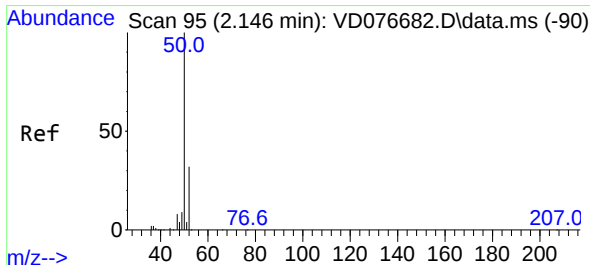
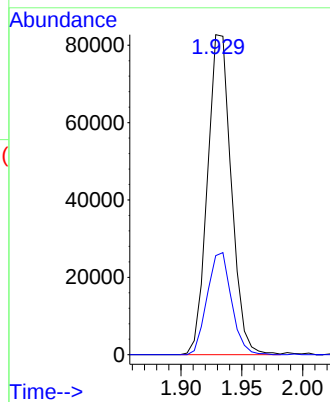
Abundance Scan 58 (1.929 min): VD076682.D\data.ms (-53)



#2
Dichlorodifluoromethane
Concen: 30.014 ug/L
RT: 1.929 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

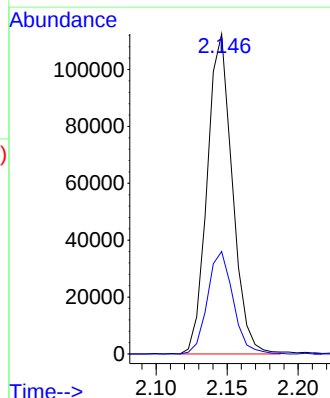
Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

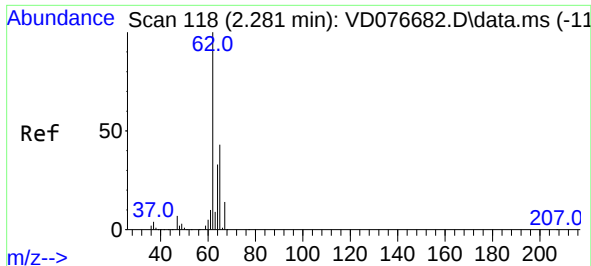
Tgt Ion: 85 Resp: 112801
Ion Ratio Lower Upper
85 100
87 32.5 26.3 39.5



#3
Chloromethane
Concen: 22.238 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion: 50 Resp: 138938
Ion Ratio Lower Upper
50 100
52 32.0 23.2 43.2

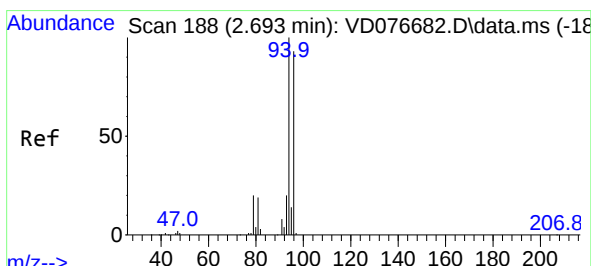
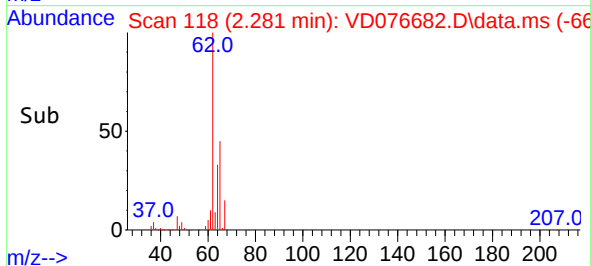
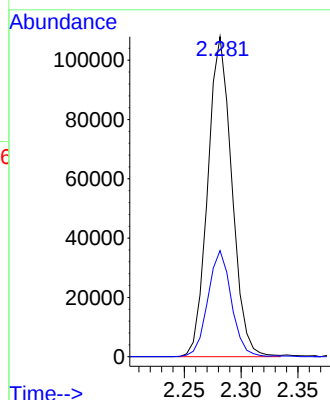
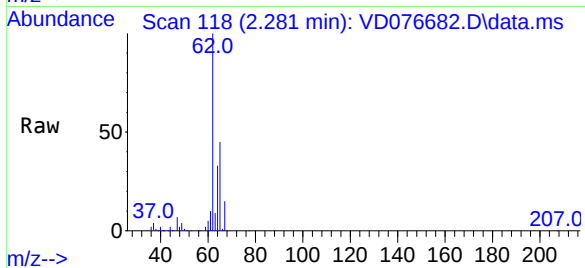




#5
 Vinyl chloride
 Concen: 23.610 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD076682.D
 Acq: 03 Jul 2023 10:00

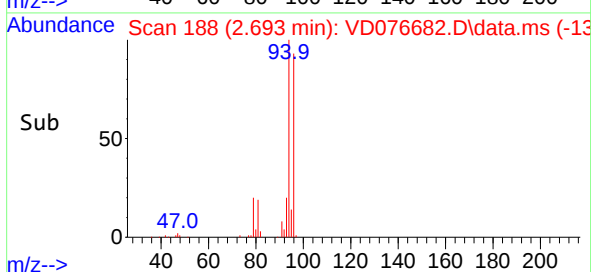
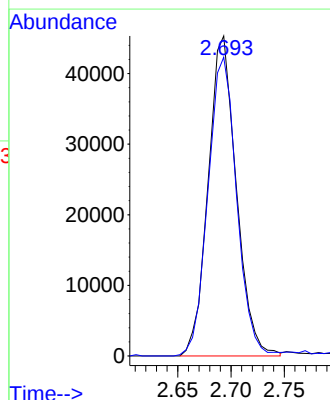
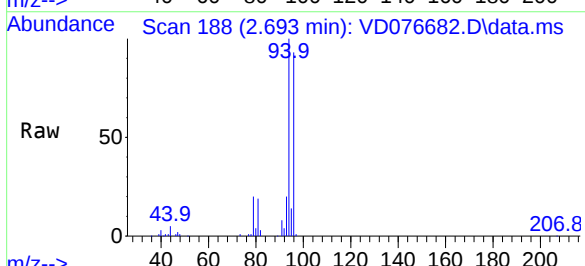
Instrument :
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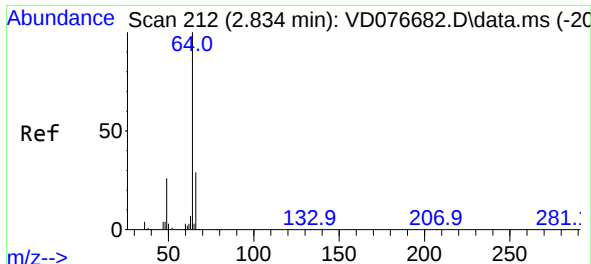
Tgt Ion: 62 Resp: 159133
 Ion Ratio Lower Upper
 62 100
 64 33.1 21.1 39.1



#6
 Bromomethane
 Concen: 22.308 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD076682.D
 Acq: 03 Jul 2023 10:00

Tgt Ion: 94 Resp: 83278
 Ion Ratio Lower Upper
 94 100
 96 93.3 64.7 120.1

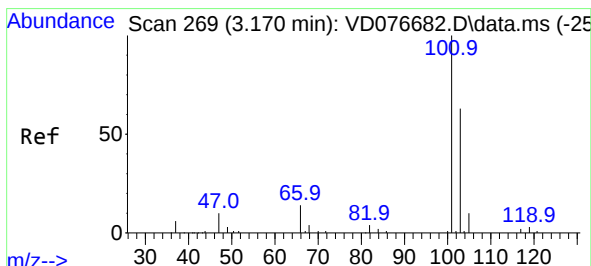
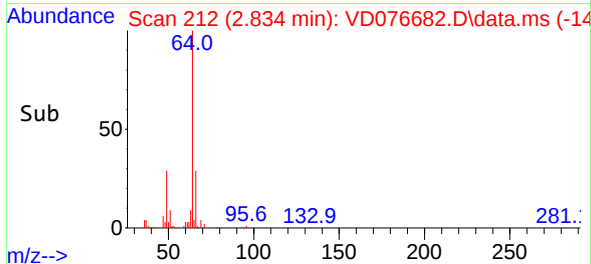
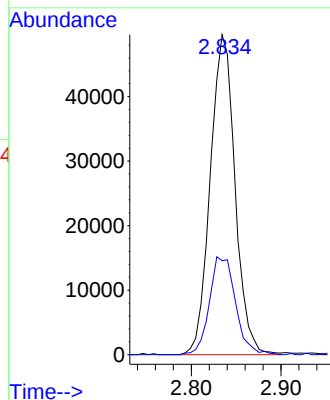
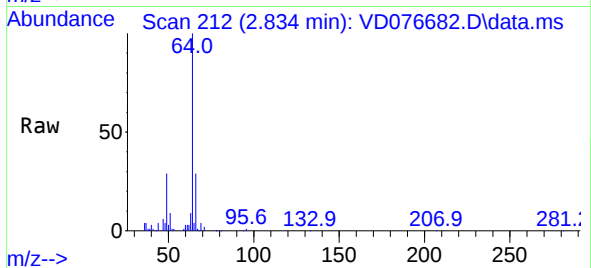




#8
Chloroethane
Concen: 23.035 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

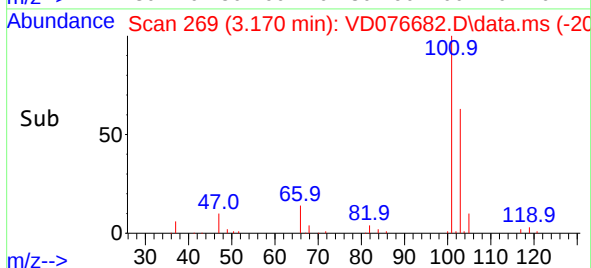
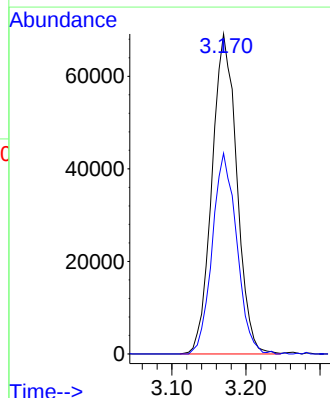
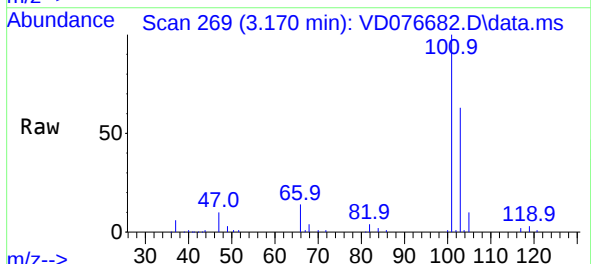
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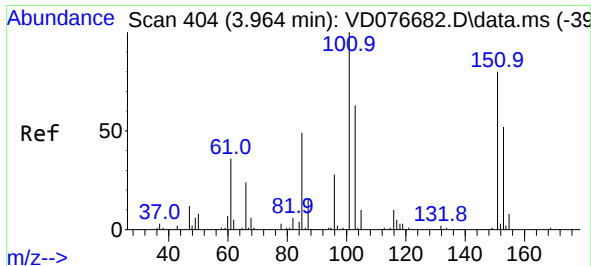
Tgt Ion: 64 Resp: 95101
Ion Ratio Lower Upper
64 100
66 29.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 33.059 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion:101 Resp: 161107
Ion Ratio Lower Upper
101 100
103 61.6 51.8 77.6

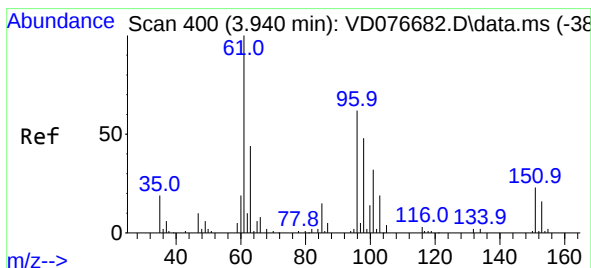
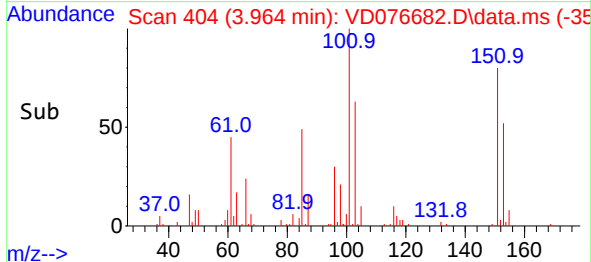
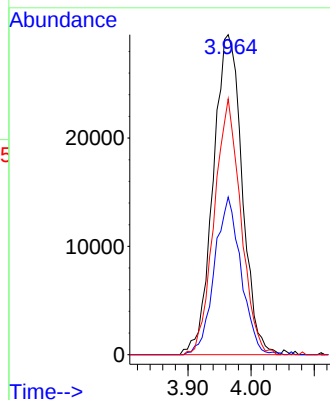
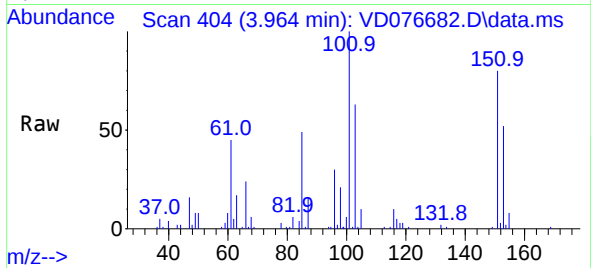




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 29.825 ug/L
RT: 3.964 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

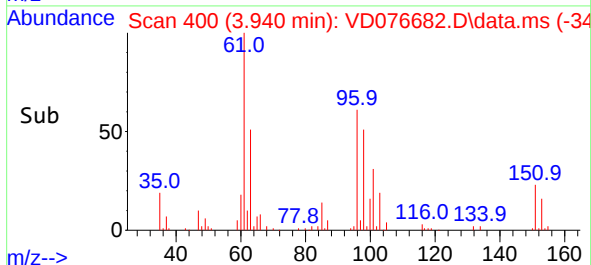
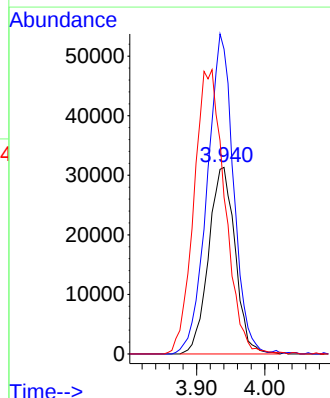
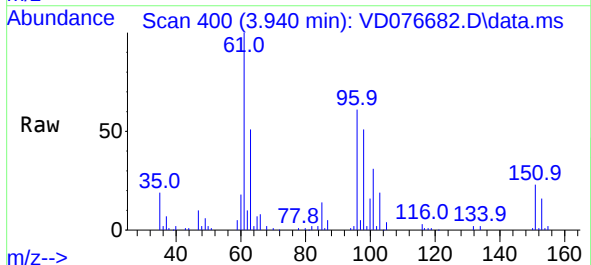
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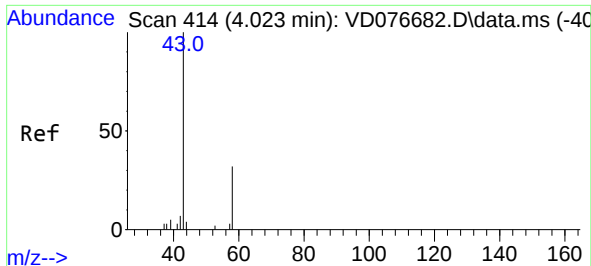
Tgt Ion:101 Resp: 94280
Ion Ratio Lower Upper
101 100
85 45.0 35.5 53.3
151 73.1 58.6 87.8



#12
1,1-Dichloroethene
Concen: 27.073 ug/L
RT: 3.940 min Scan# 400
Delta R.T. 0.012 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion: 96 Resp: 84744
Ion Ratio Lower Upper
96 100
61 163.3 113.0 209.8
63 84.0 83.6 155.2





#13

Acetone

Concen: 42.648 ug/L

RT: 4.023 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD076682.D

Acq: 03 Jul 2023 10:00

Instrument :

MSVOA_D

ClientSampleId :

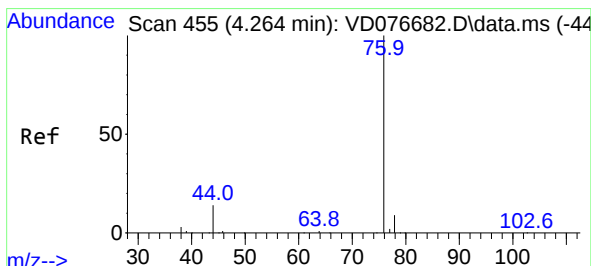
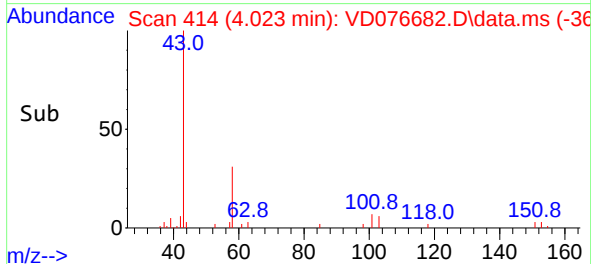
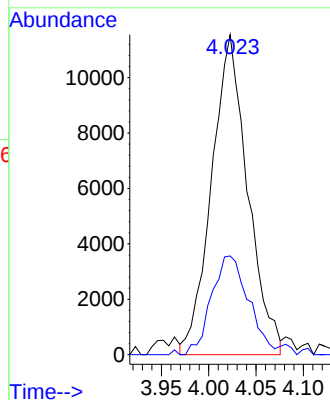
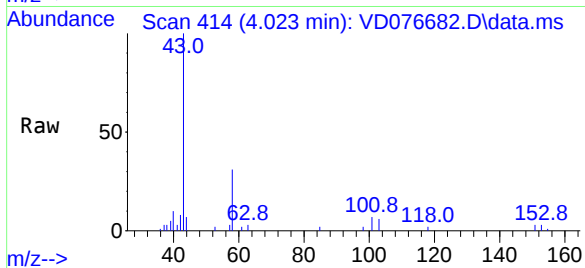
VSTD025169

Tgt Ion: 43 Resp: 30642

Ion Ratio Lower Upper

43 100

58 31.7 0.0 67.4



#14

Carbon disulfide

Concen: 24.369 ug/L

RT: 4.264 min Scan# 455

Delta R.T. 0.000 min

Lab File: VD076682.D

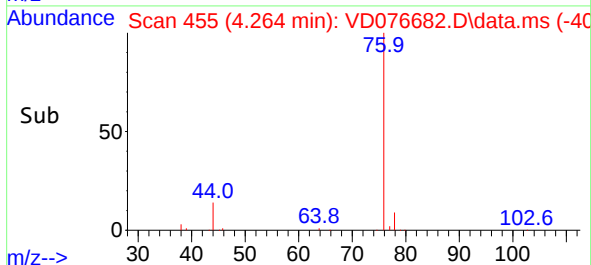
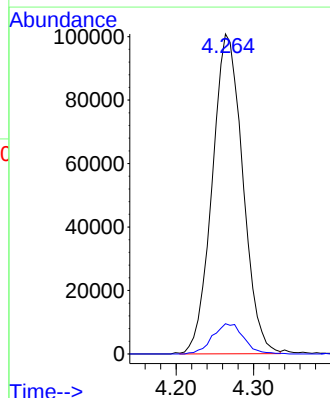
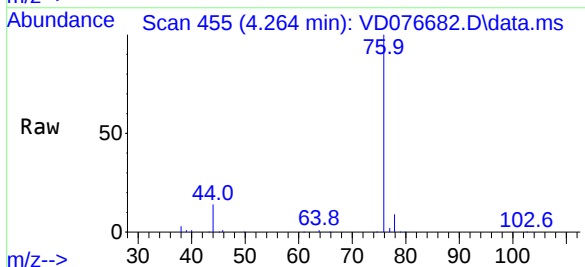
Acq: 03 Jul 2023 10:00

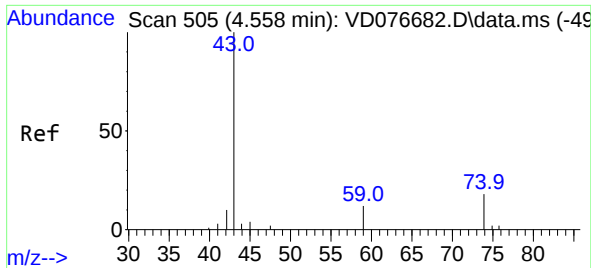
Tgt Ion: 76 Resp: 276512

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4

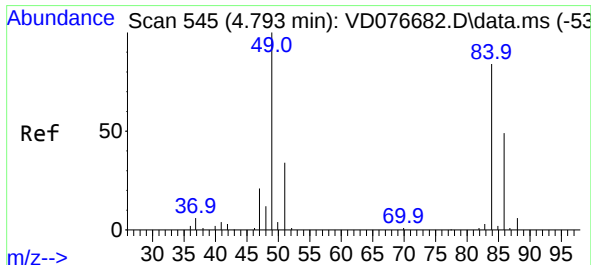
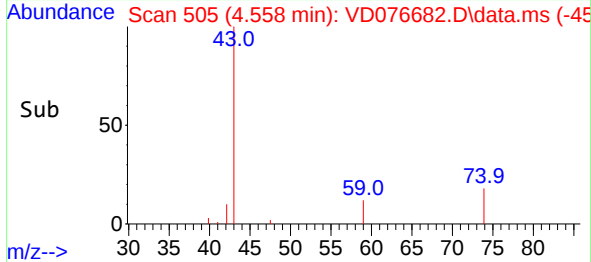
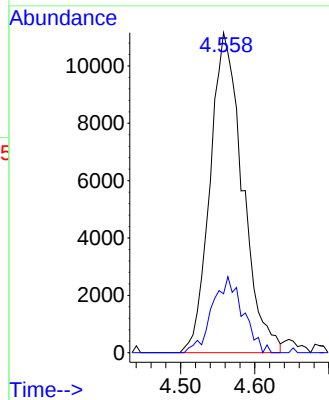
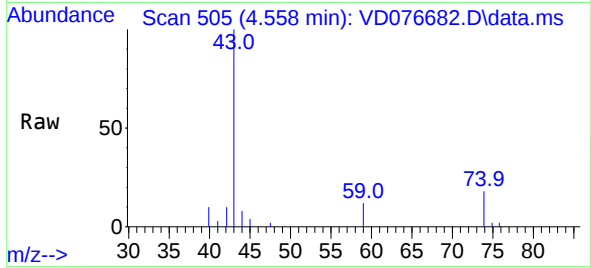




#15
Methyl Acetate
Concen: 20.685 ug/L
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

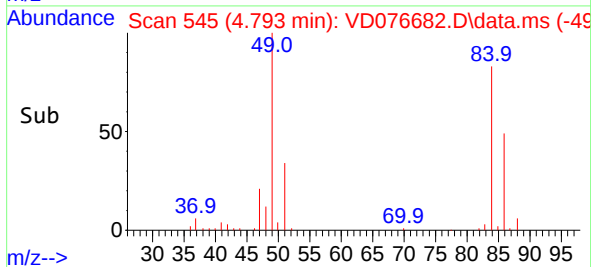
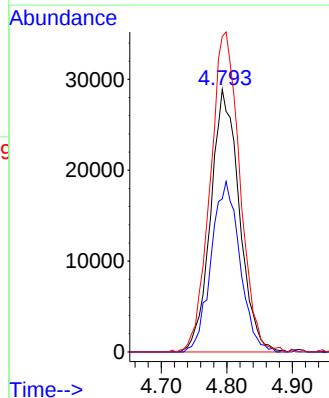
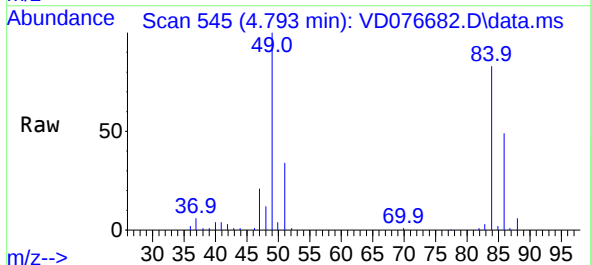
Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

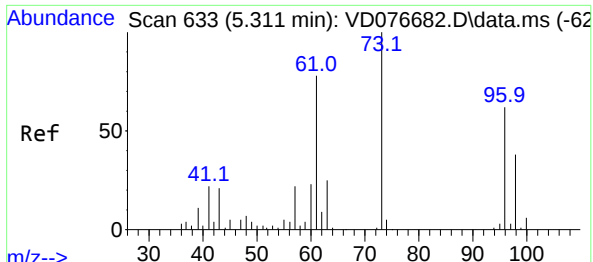
Tgt Ion: 43 Resp: 33926
Ion Ratio Lower Upper
43 100
74 14.8 18.2 27.2#



#16
Methylene chloride
Concen: 20.858 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

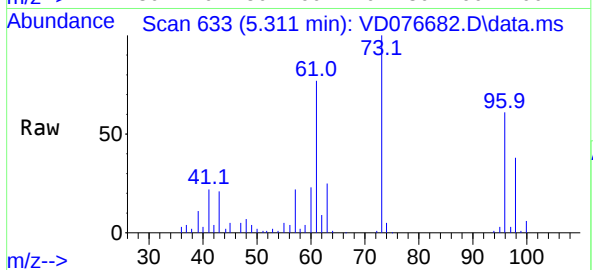
Tgt Ion: 84 Resp: 87439
Ion Ratio Lower Upper
84 100
86 58.3 45.1 83.9
49 120.2 97.2 180.6



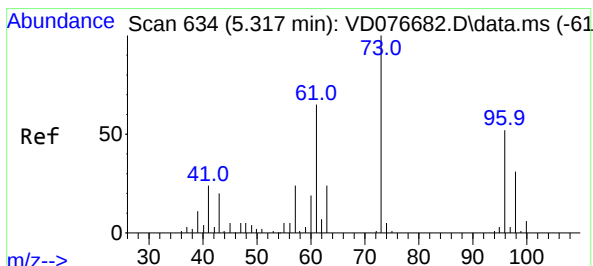
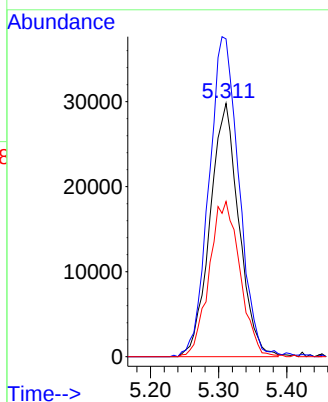
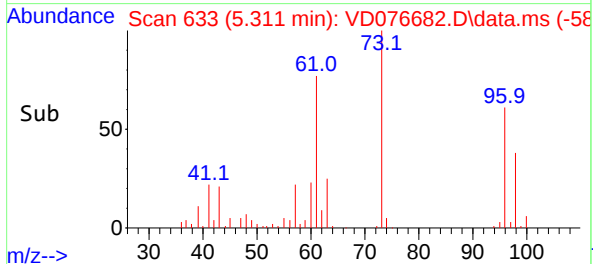


#17
trans-1,2-Dichloroethene
Concen: 25.206 ug/L
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

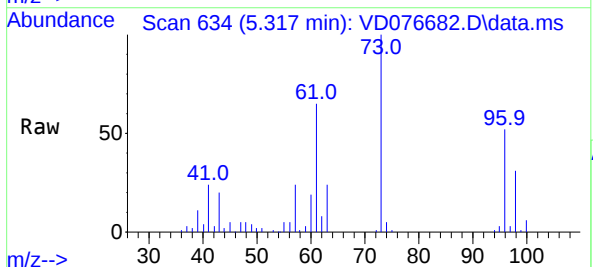
Instrument :
MSVOA_D
ClientSampleId :
VSTD025169



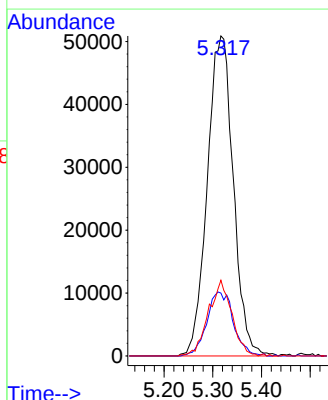
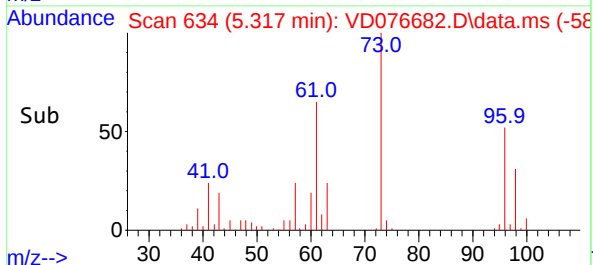
Tgt Ion: 96 Resp: 87966
Ion Ratio Lower Upper
96 100
61 125.4 94.5 175.5
98 61.3 46.0 85.4

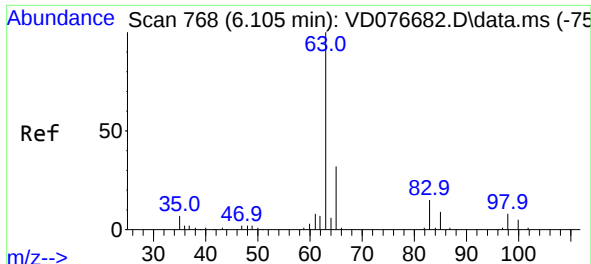


#18
Methyl tert-butyl Ether
Concen: 23.704 ug/L
RT: 5.317 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00



Tgt Ion: 73 Resp: 188330
Ion Ratio Lower Upper
73 100
43 13.2 7.2 10.8#
57 21.4 18.6 28.0

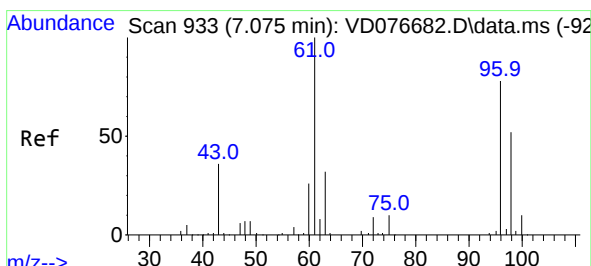
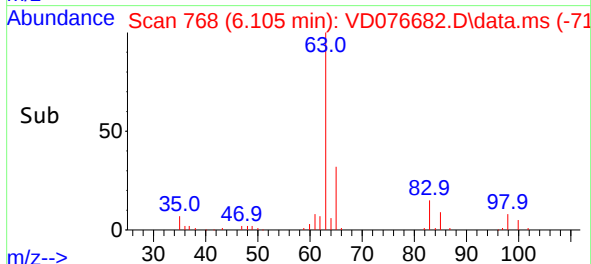
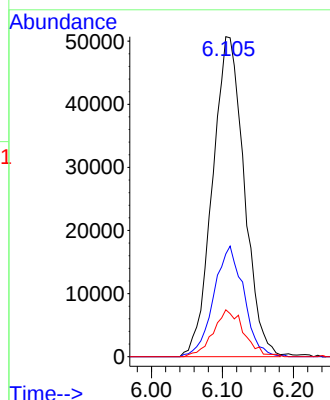
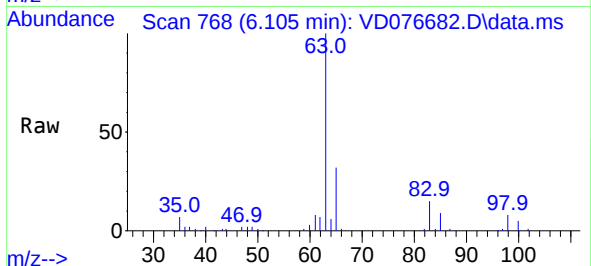




#19
1,1-Dichloroethane
Concen: 24.573 ug/L
RT: 6.105 min Scan# 768
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

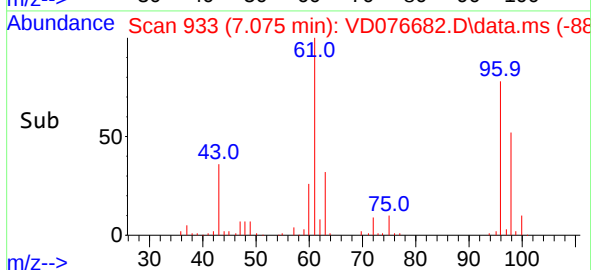
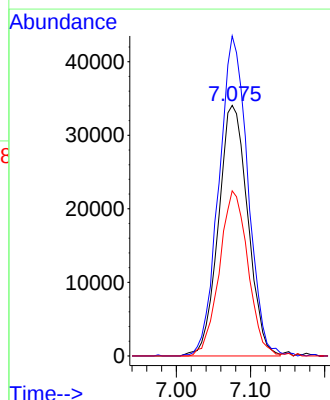
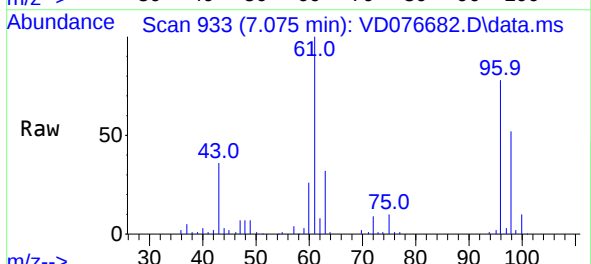
Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

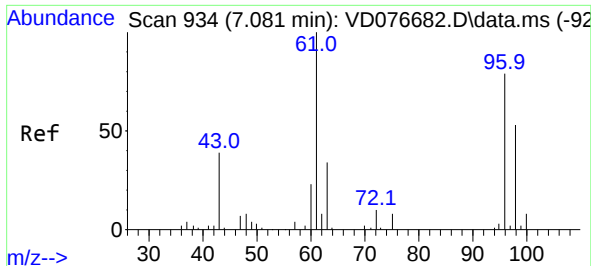
Tgt Ion: 63 Resp: 156782
Ion Ratio Lower Upper
63 100
65 32.1 20.8 38.6
83 14.7 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 23.994 ug/L
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion: 96 Resp: 93517
Ion Ratio Lower Upper
96 100
61 127.7 86.0 159.6
98 65.9 42.2 78.4

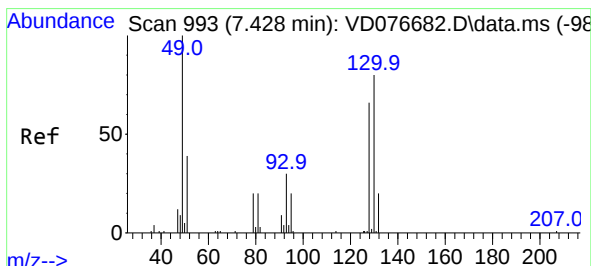
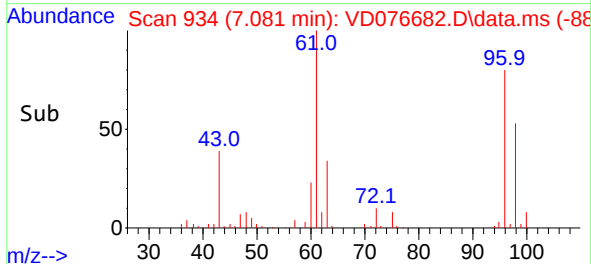
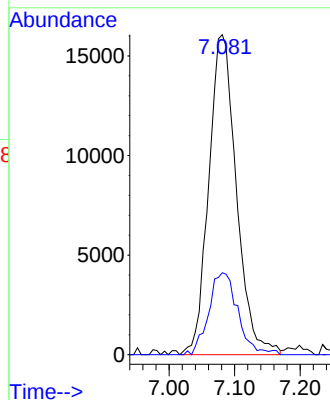
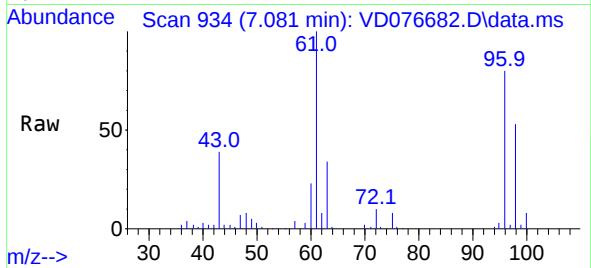




#22
2-Butanone
Concen: 40.626 ug/L
RT: 7.081 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

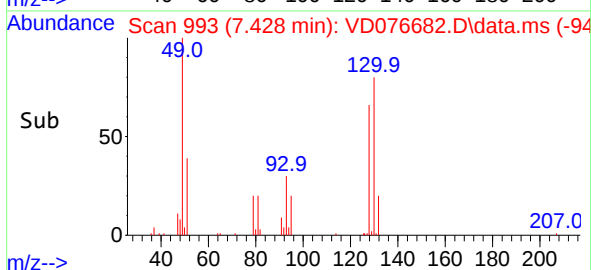
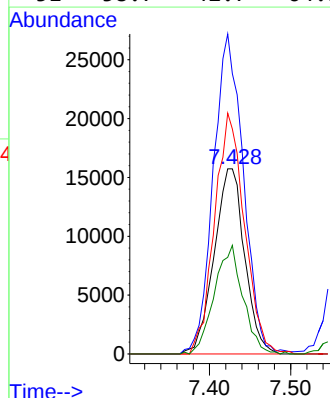
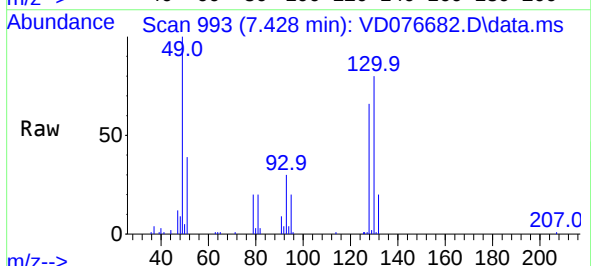
Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

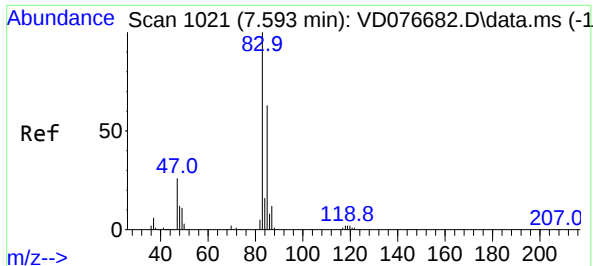
Tgt Ion: 43 Resp: 47105
Ion Ratio Lower Upper
43 100
72 26.1 12.9 38.7



#23
Bromochloromethane
Concen: 24.819 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion:128 Resp: 41054
Ion Ratio Lower Upper
128 100
49 151.4 124.7 231.7
130 121.5 80.0 148.6
51 58.7 42.7 64.1





#25

Chloroform

Concen: 25.985 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD076682.D

Acq: 03 Jul 2023 10:00

Instrument :

MSVOA_D

ClientSampleId :

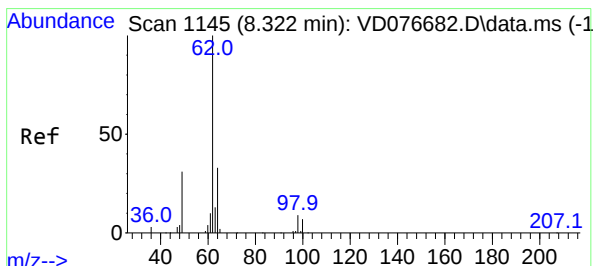
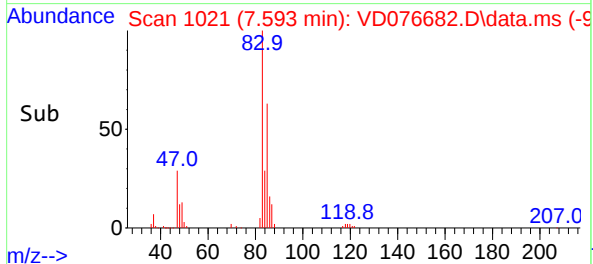
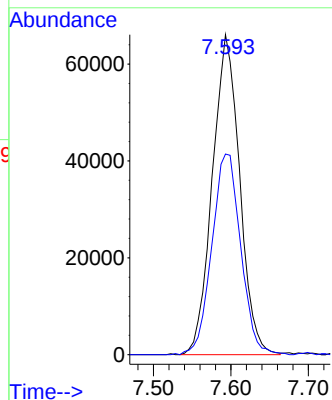
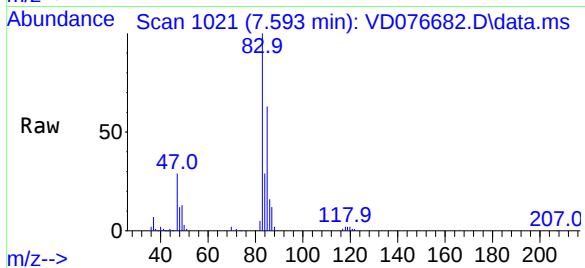
VSTD025169

Tgt Ion: 83 Resp: 161805

Ion Ratio Lower Upper

83 100

85 62.7 45.4 84.4



#27

1,2-Dichloroethane

Concen: 26.084 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VD076682.D

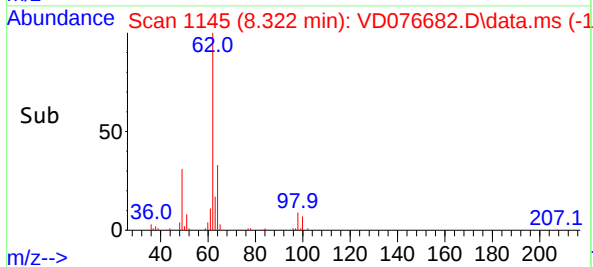
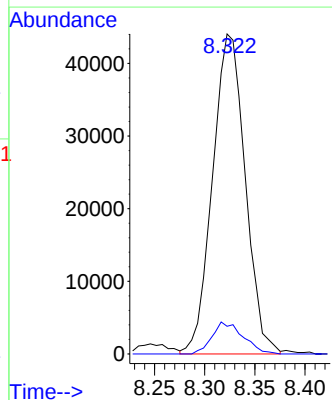
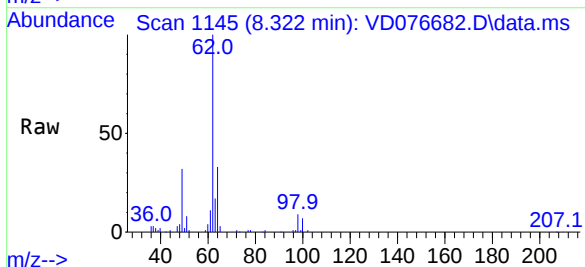
Acq: 03 Jul 2023 10:00

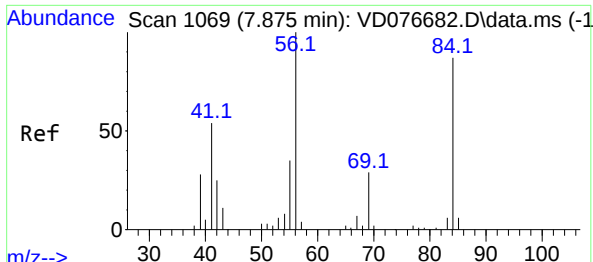
Tgt Ion: 62 Resp: 99882

Ion Ratio Lower Upper

62 100

98 8.7 8.7 13.1#



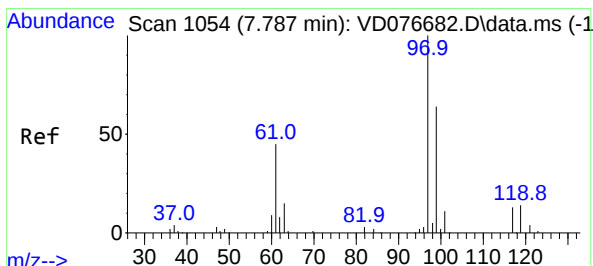
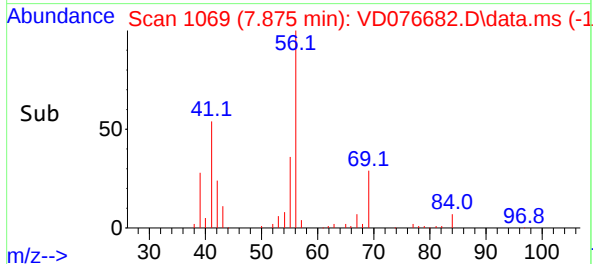
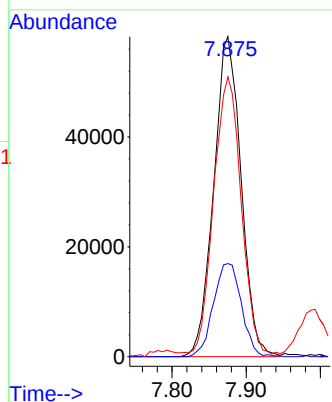
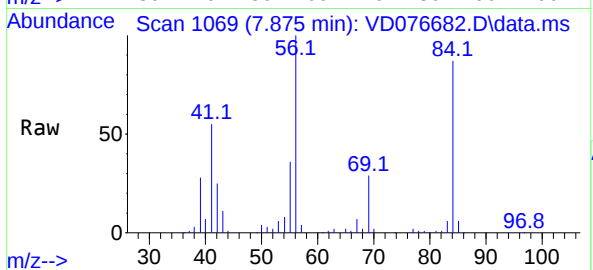


#29
Cyclohexane
Concen: 26.956 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

Tgt Ion: 56 Resp: 149423

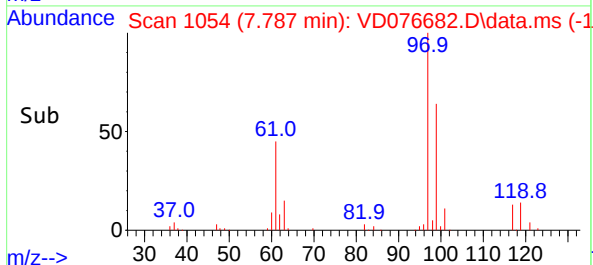
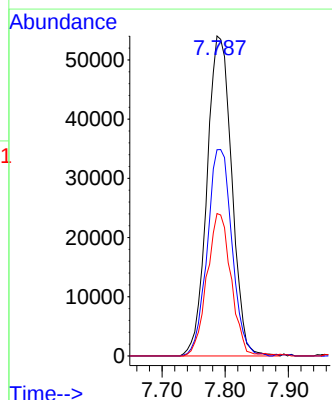
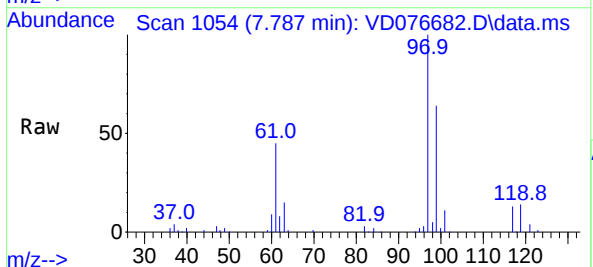
Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.4	35.0
84	87.9	66.3	99.5

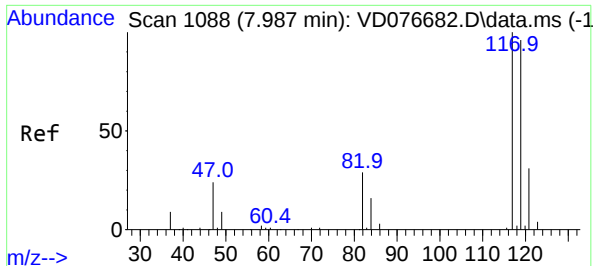


#30
1,1,1-Trichloroethane
Concen: 30.372 ug/L
RT: 7.787 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion: 97 Resp: 147078

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.6
61	43.2	36.4	54.6

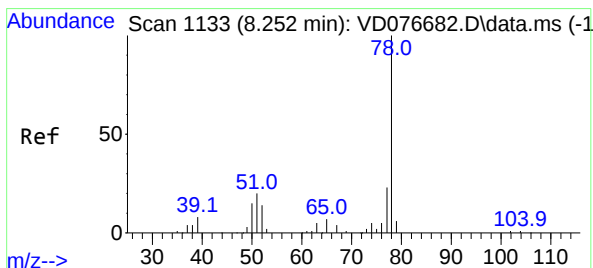
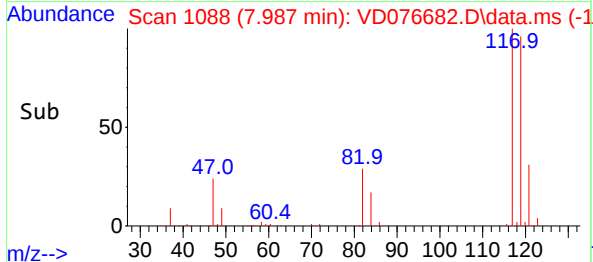
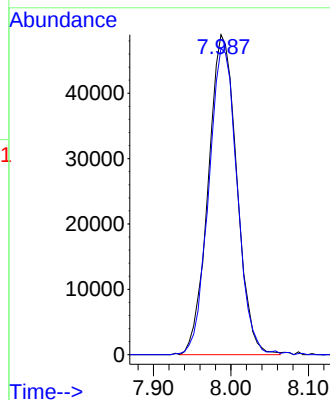
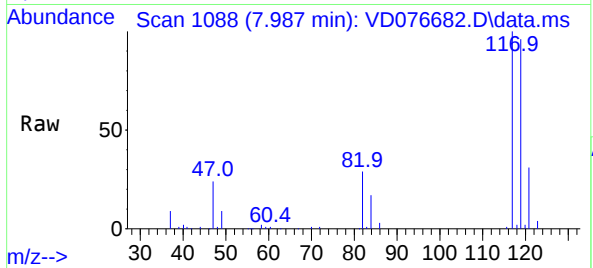




#31
Carbon tetrachloride
Concen: 32.352 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

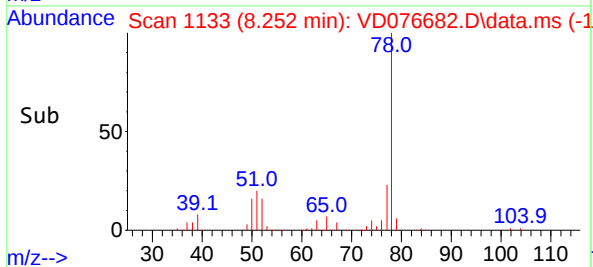
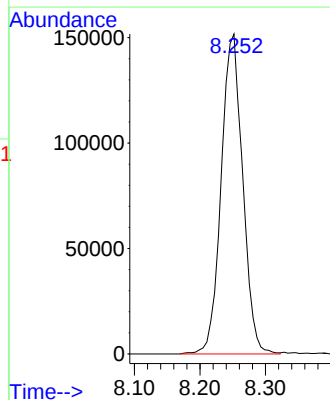
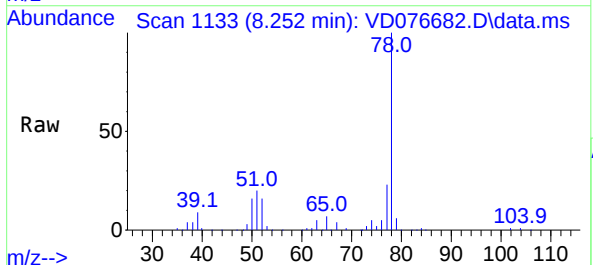
Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

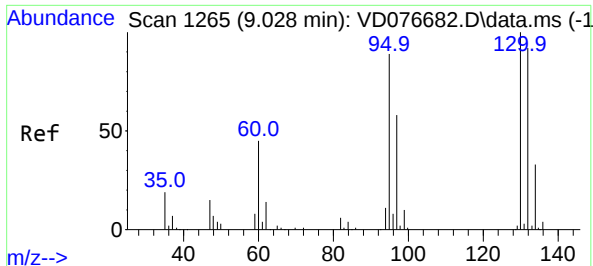
Tgt Ion:117 Resp: 125291
Ion Ratio Lower Upper
117 100
119 95.3 77.8 116.6



#33
Benzene
Concen: 25.029 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion: 78 Resp: 345299



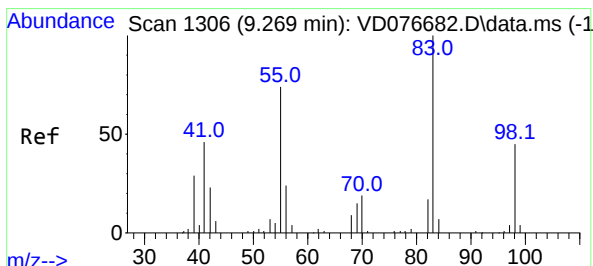
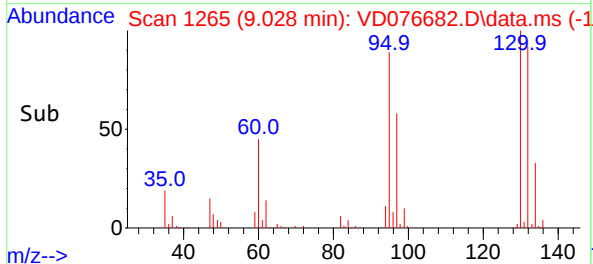
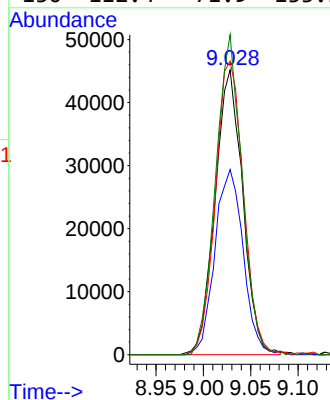
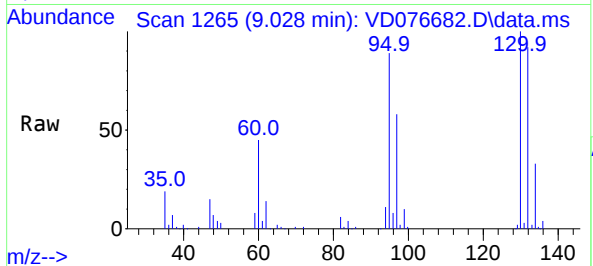


#34
Trichloroethene
Concen: 25.866 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

Tgt Ion: 95 Resp: 91668

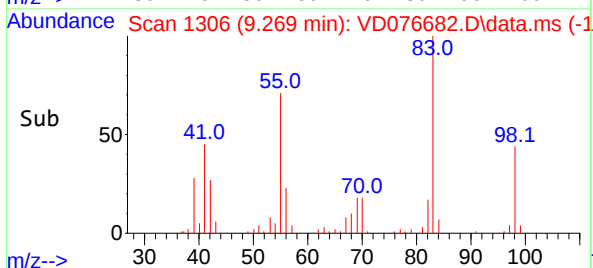
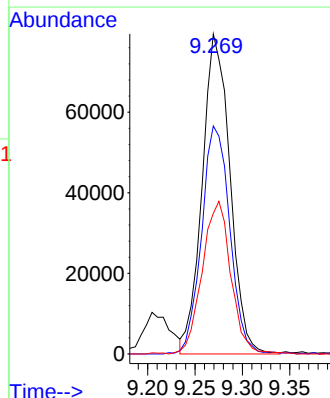
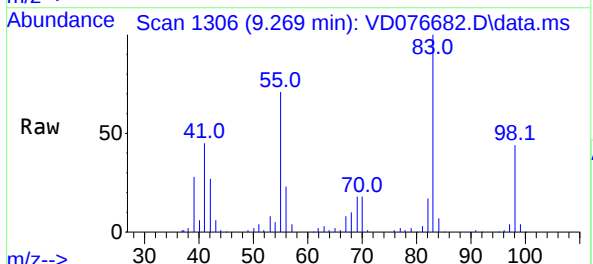
Ion	Ratio	Lower	Upper
95	100		
97	65.0	43.1	80.1
132	103.0	71.8	133.4
130	112.4	71.9	133.5

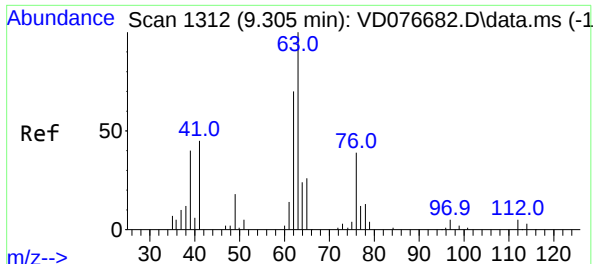


#35
Methylcyclohexane
Concen: 28.396 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion: 83 Resp: 162281

Ion	Ratio	Lower	Upper
83	100		
55	72.2	59.8	89.6
98	49.1	37.8	56.6

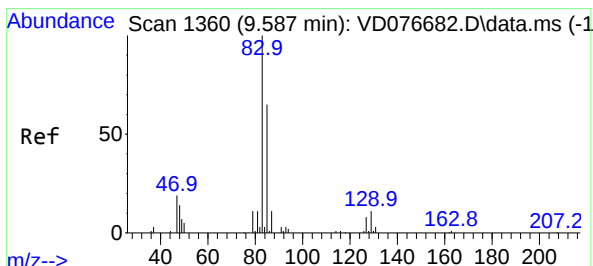
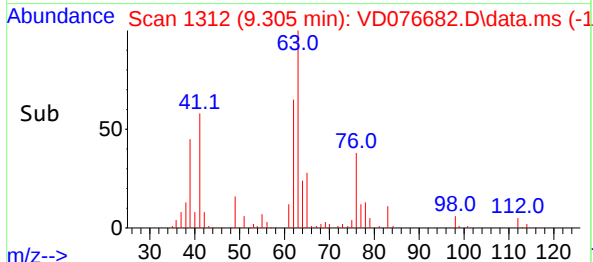
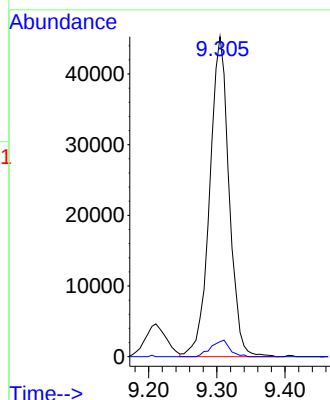
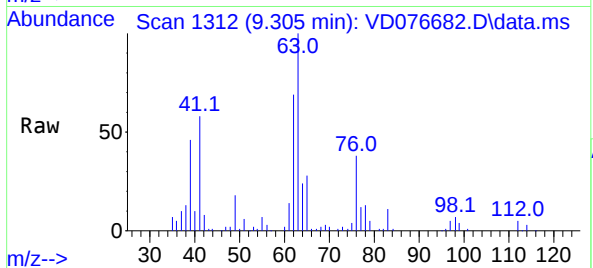




#37
1,2-Dichloropropane
Concen: 23.844 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

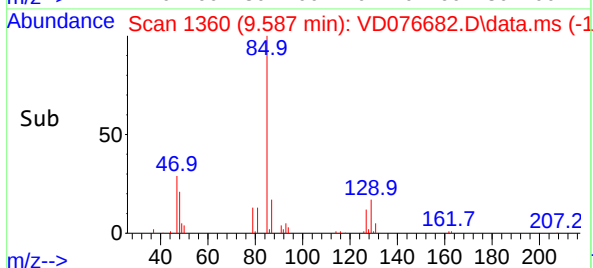
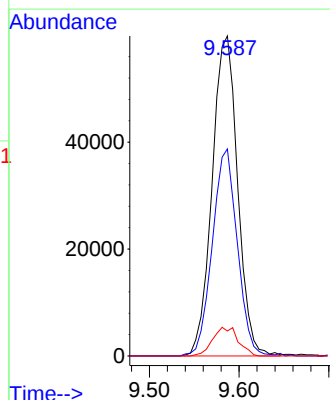
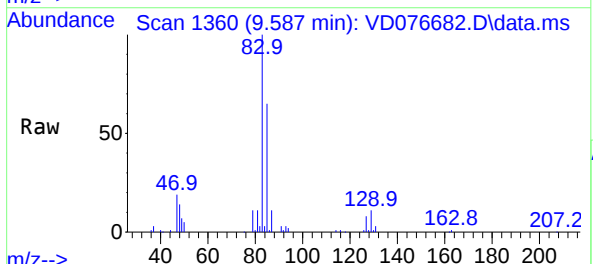
Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

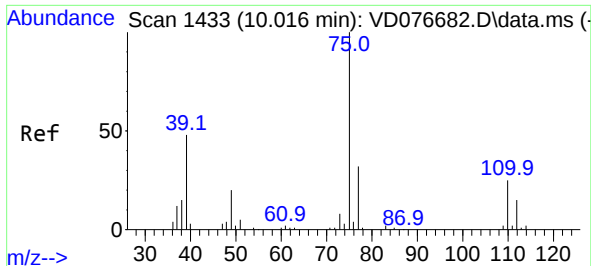
Tgt Ion: 63 Resp: 89682
Ion Ratio Lower Upper
63 100
112 5.0 3.1 4.7#



#38
Bromodichloromethane
Concen: 27.571 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion: 83 Resp: 118277
Ion Ratio Lower Upper
83 100
85 64.7 43.9 81.5
127 7.8 6.6 9.8

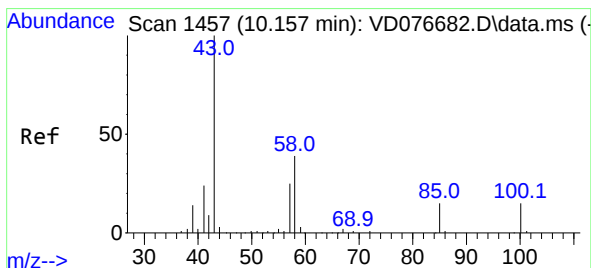
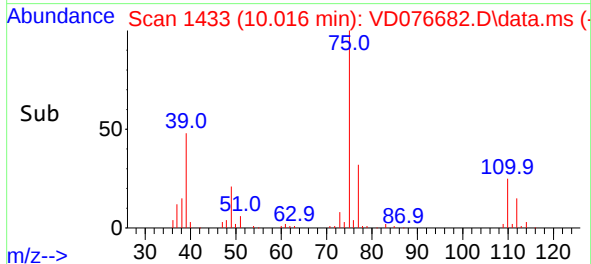
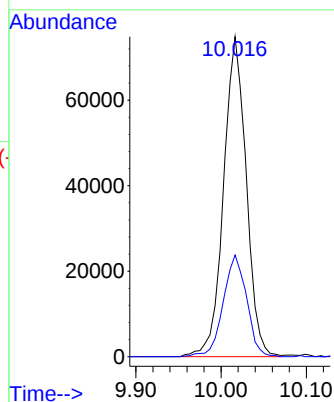
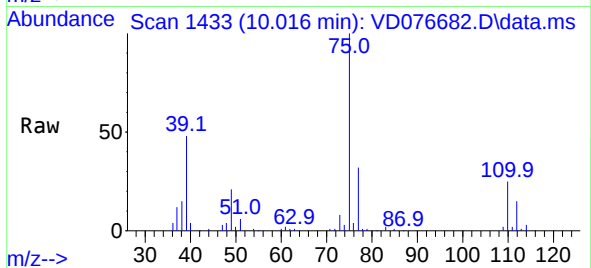




#39
cis-1,3-Dichloropropene
Concen: 24.114 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

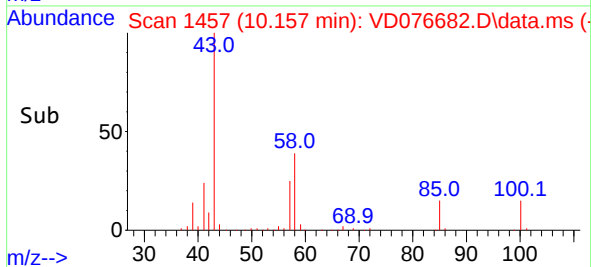
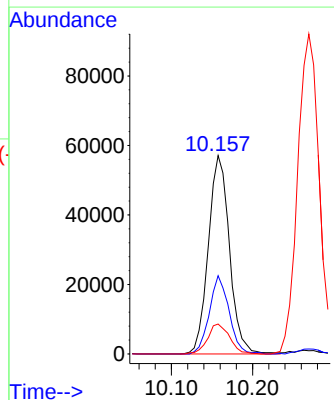
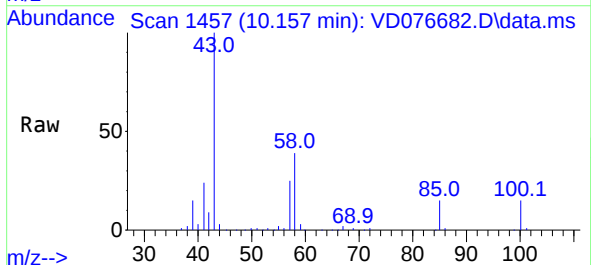
Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

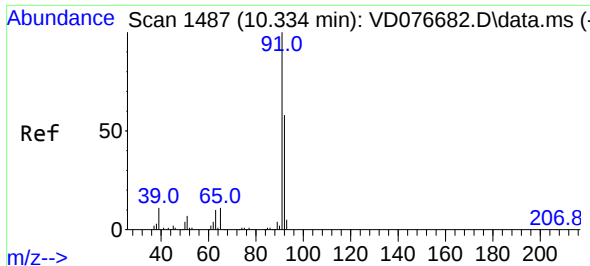
Tgt Ion: 75 Resp: 138498
Ion Ratio Lower Upper
75 100
77 31.8 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 44.184 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion: 43 Resp: 103384
Ion Ratio Lower Upper
43 100
58 36.5 30.7 46.1
100 15.7 11.0 16.4

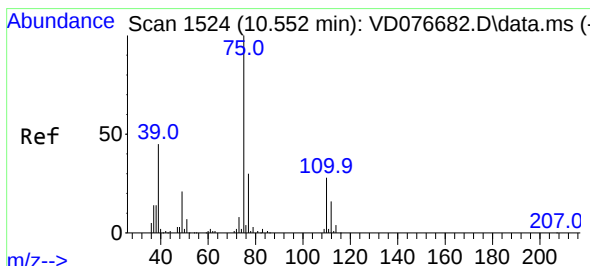
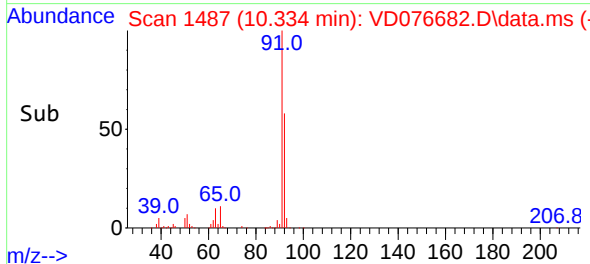
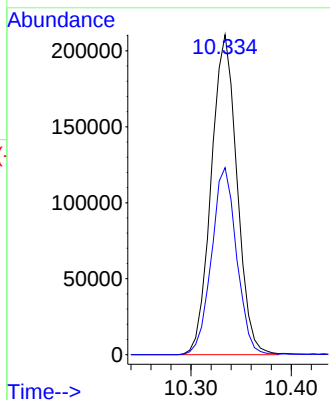
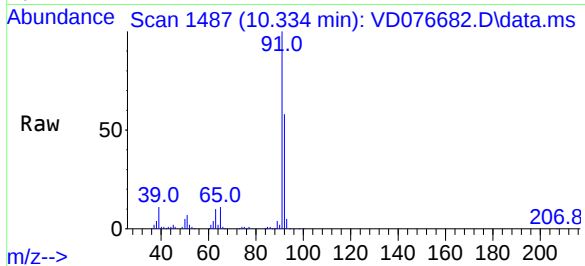




#42
Toluene
Concen: 25.486 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

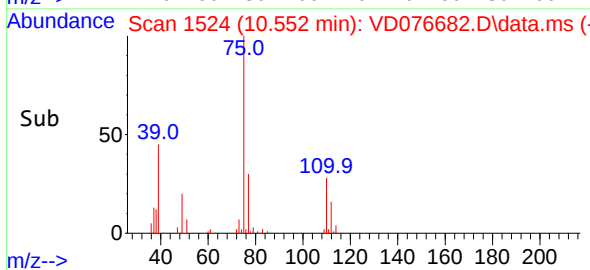
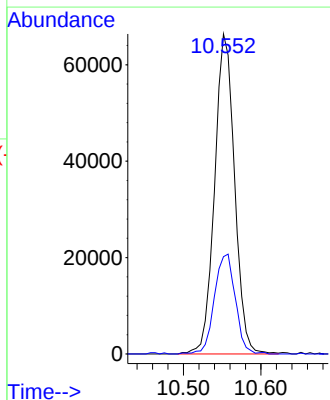
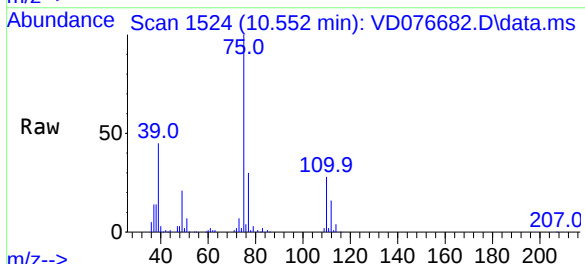
Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

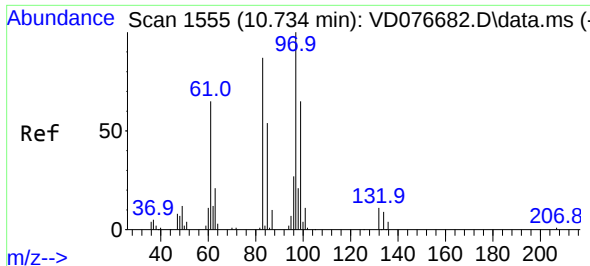
Tgt Ion: 91 Resp: 375744
Ion Ratio Lower Upper
91 100
92 58.4 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 25.493 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion: 75 Resp: 119009
Ion Ratio Lower Upper
75 100
77 30.4 22.5 41.7



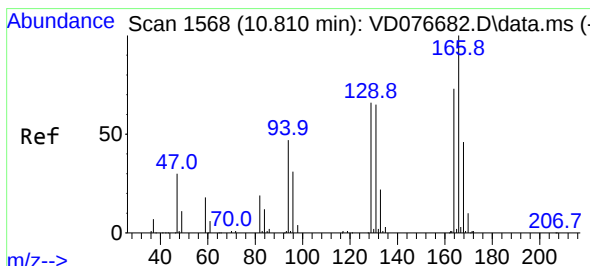
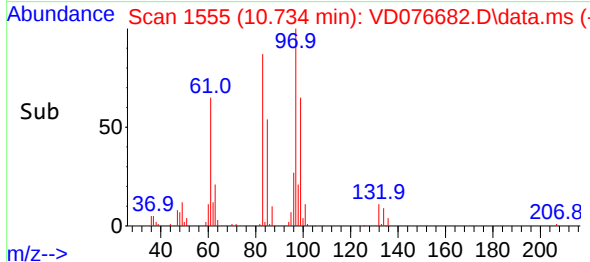
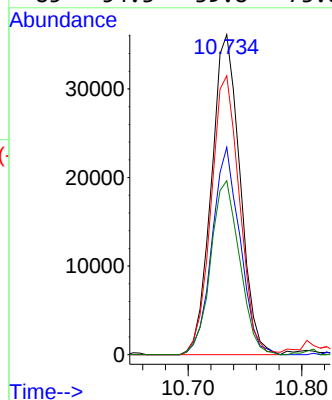
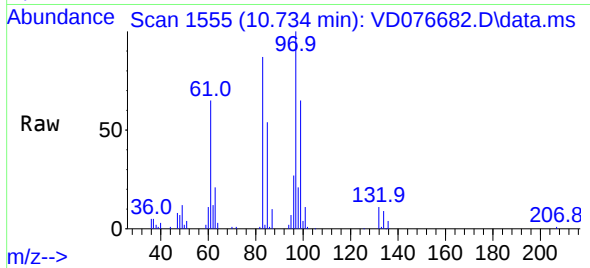


#45
1,1,2-Trichloroethane
Concen: 24.503 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

Tgt Ion: 97 Resp: 63215

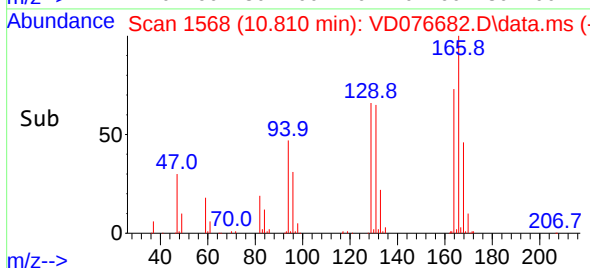
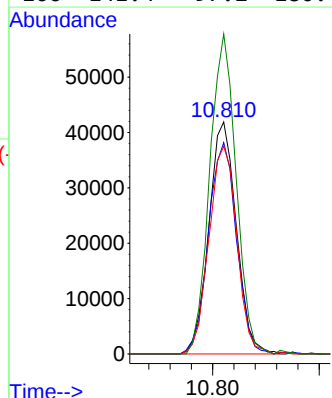
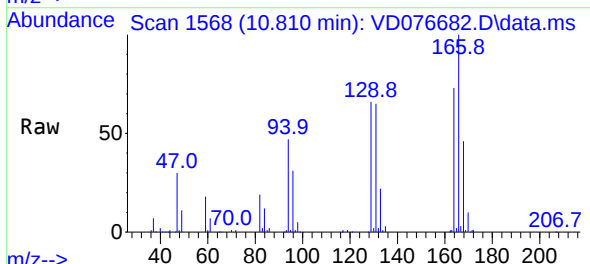
Ion	Ratio	Lower	Upper
97	100		
99	64.8	41.9	77.9
83	87.2	59.2	110.0
85	54.3	39.8	73.8

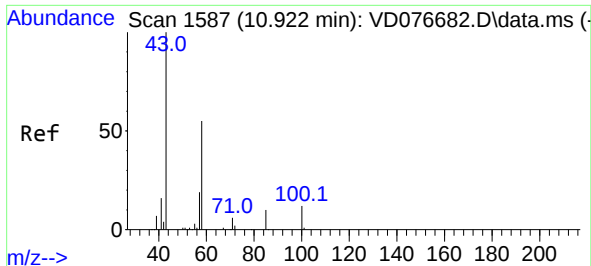


#46
Tetrachloroethene
Concen: 26.984 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion: 164 Resp: 75181

Ion	Ratio	Lower	Upper
164	100		
129	91.1	65.5	121.6
131	89.5	64.8	120.3
166	141.4	97.2	180.4

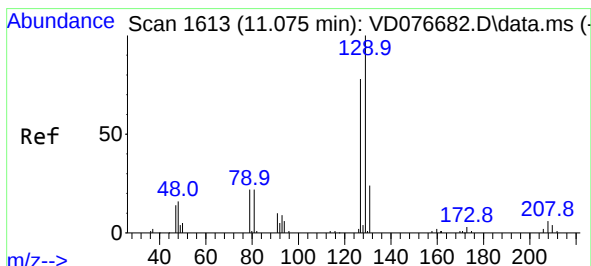
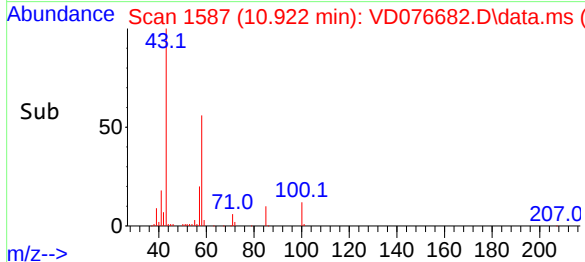
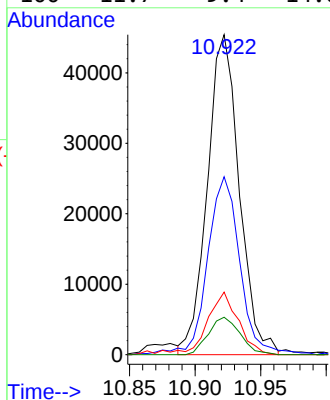
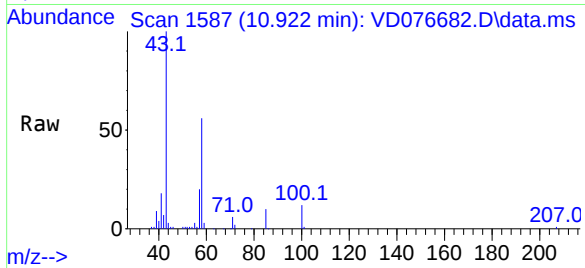




#48
2-Hexanone
Concen: 47.925 ug/L
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

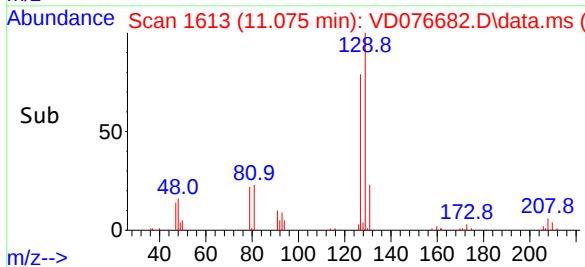
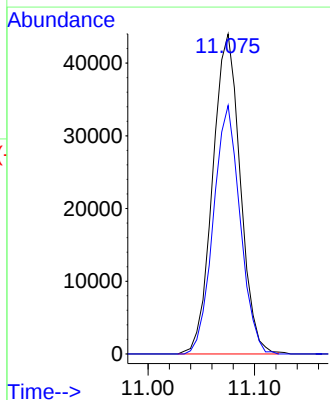
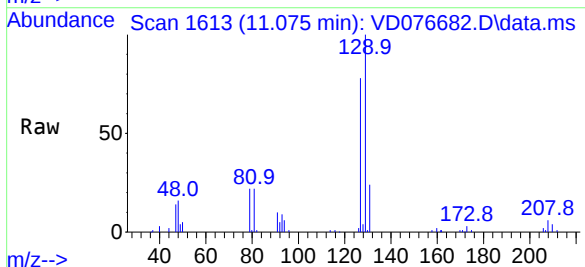
Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

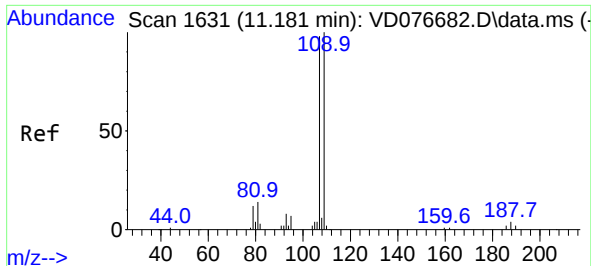
Tgt Ion: 43 Resp: 76801
Ion Ratio Lower Upper
43 100
58 56.6 42.9 64.3
57 18.3 13.7 20.5
100 11.7 9.4 14.0



#49
Dibromochloromethane
Concen: 26.990 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion: 129 Resp: 79132
Ion Ratio Lower Upper
129 100
127 77.7 55.2 102.6

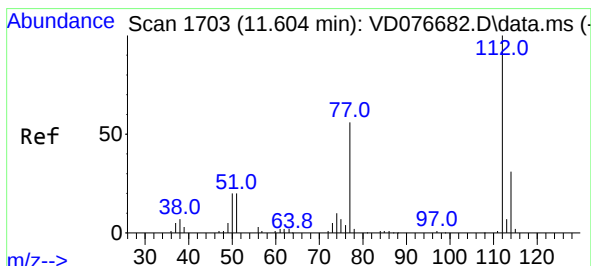
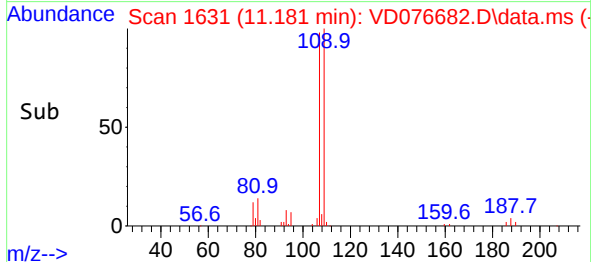
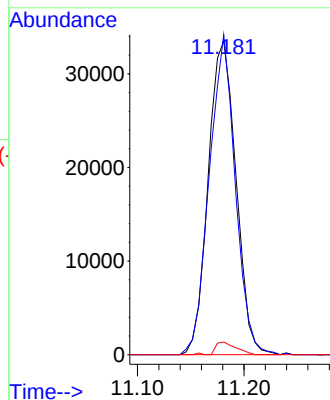
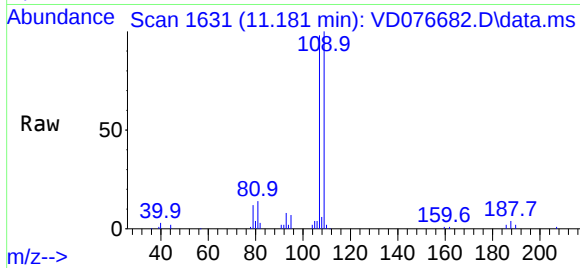




#50
1,2-Dibromoethane
Concen: 24.242 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

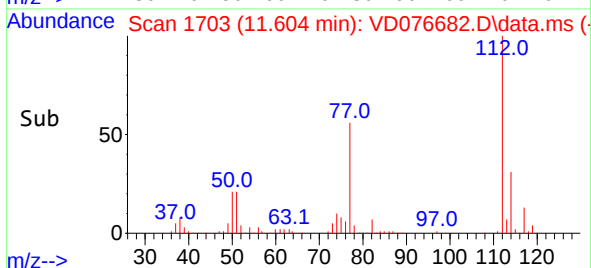
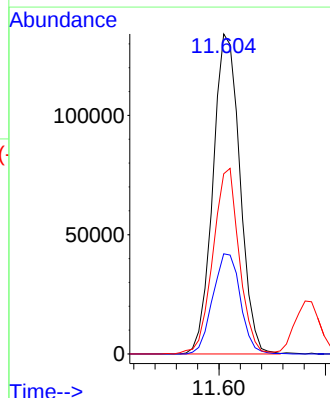
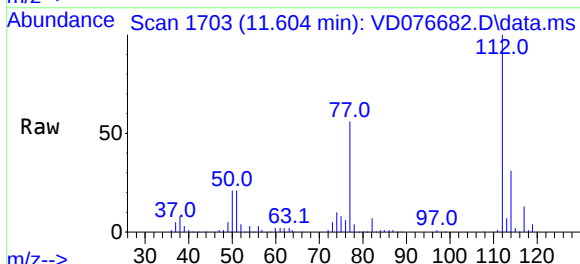
Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

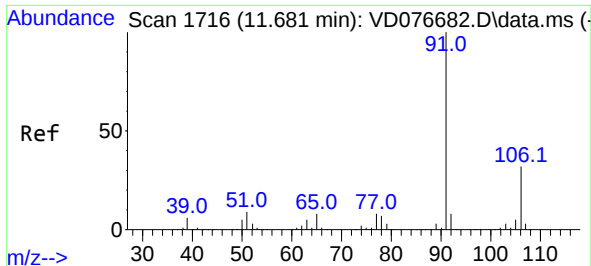
Tgt Ion:107 Resp: 60702
Ion Ratio Lower Upper
107 100
109 102.0 58.8 109.2
188 4.1 2.9 4.3



#51
Chlorobenzene
Concen: 25.621 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion:112 Resp: 235826
Ion Ratio Lower Upper
112 100
114 31.3 21.5 39.9
77 56.3 43.4 65.2

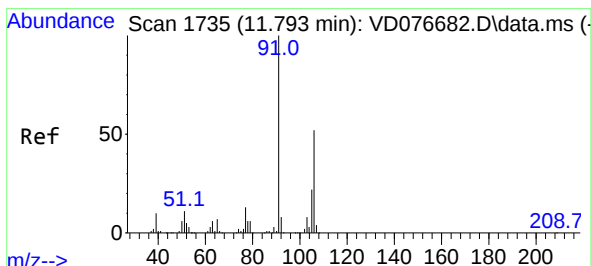
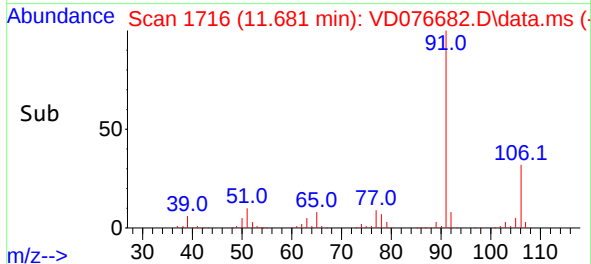
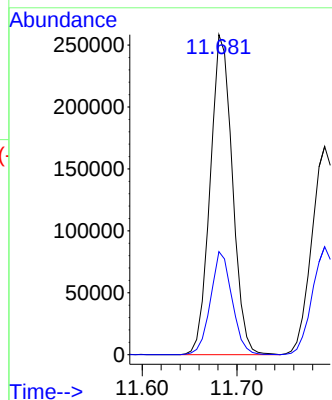
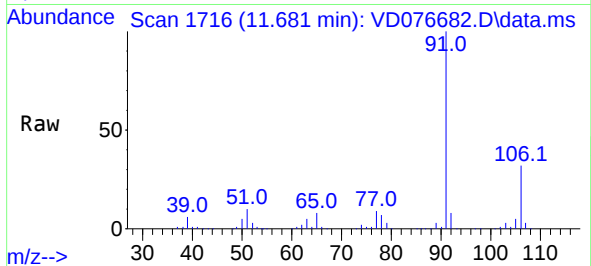




#52
Ethylbenzene
Concen: 26.487 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

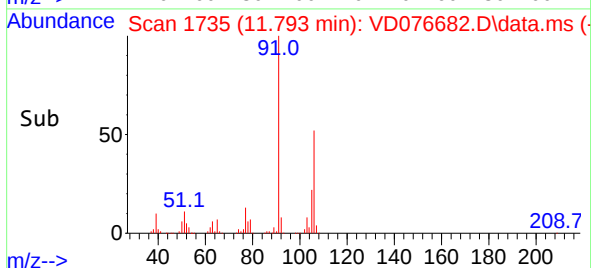
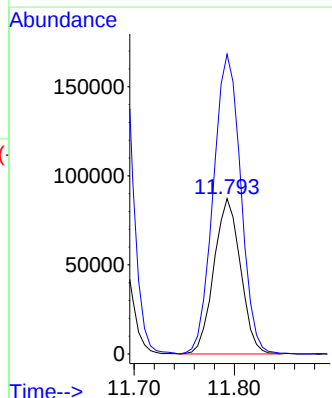
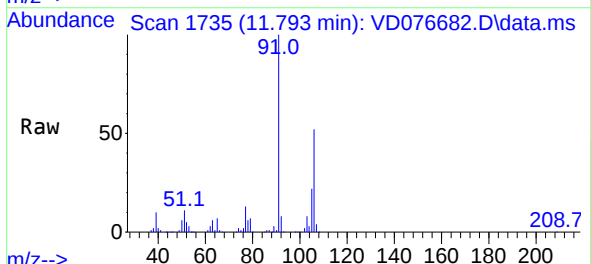
Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

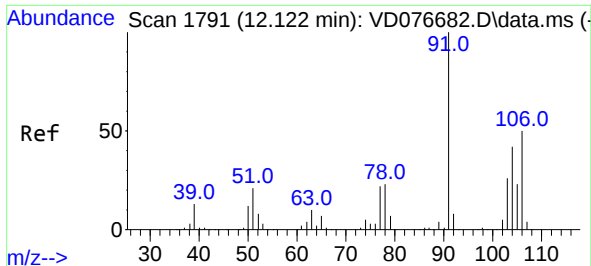
Tgt Ion: 91 Resp: 420895
Ion Ratio Lower Upper
91 100
106 32.2 22.4 41.6



#53
m,p-Xylene
Concen: 25.712 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion: 106 Resp: 160565
Ion Ratio Lower Upper
106 100
91 192.9 141.5 262.9

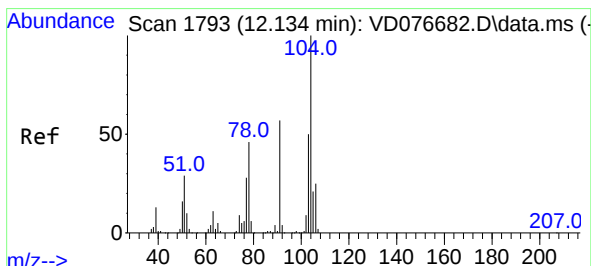
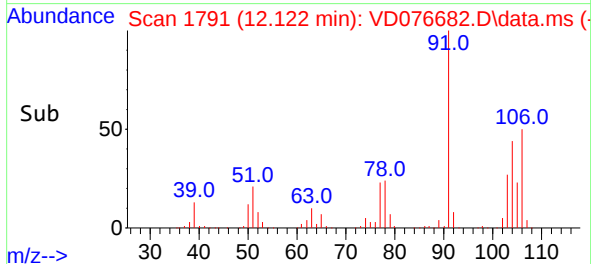
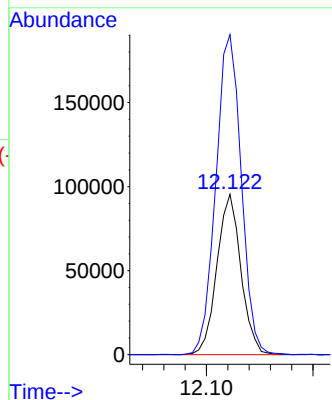
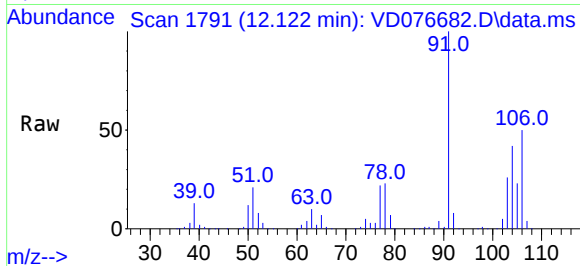




#54
o-Xylene
Concen: 25.109 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

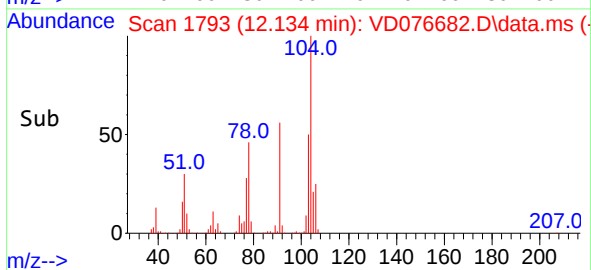
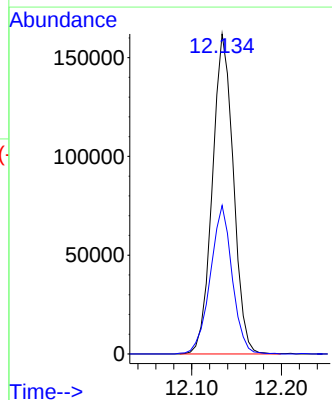
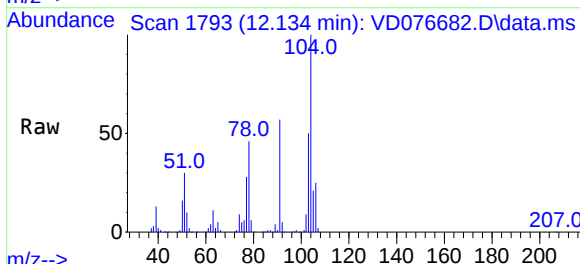
Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

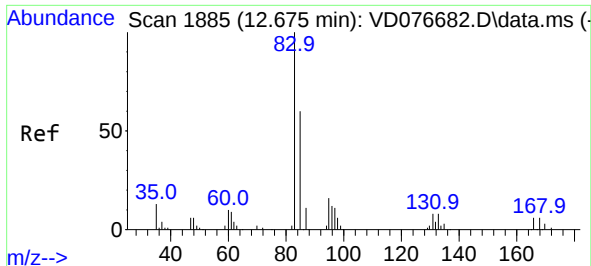
Tgt Ion:106 Resp: 149297
Ion Ratio Lower Upper
106 100
91 199.5 142.2 264.2



#55
Styrene
Concen: 25.609 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion:104 Resp: 263075
Ion Ratio Lower Upper
104 100
78 46.4 31.3 58.1

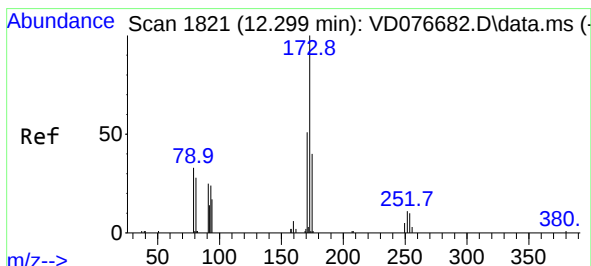
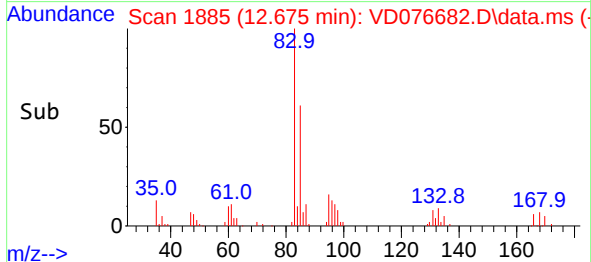
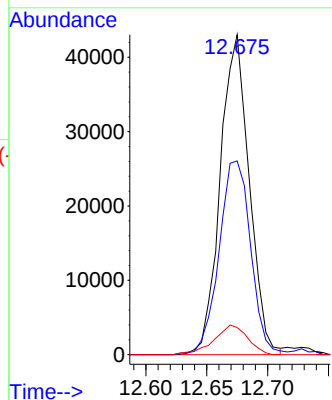
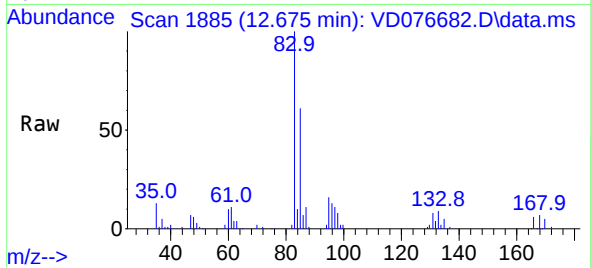




#57
1,1,2,2-Tetrachloroethane
Concen: 24.202 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

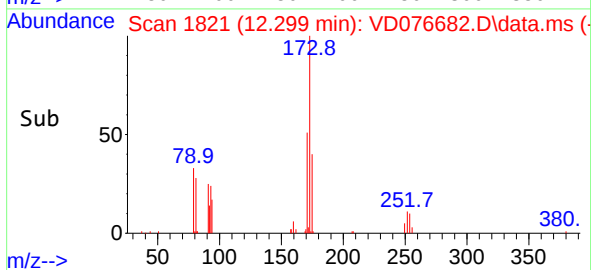
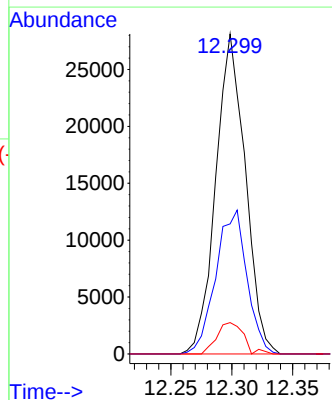
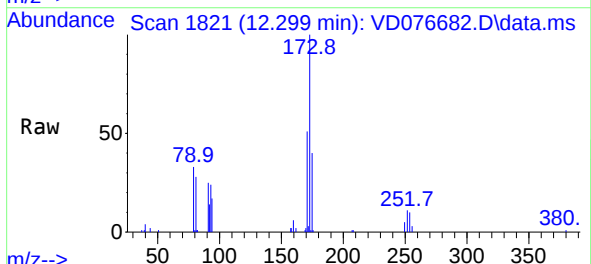
Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

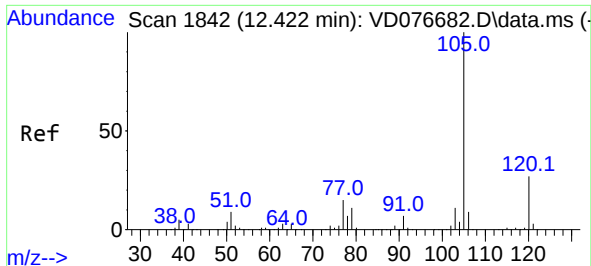
Tgt Ion: 83 Resp: 71358
Ion Ratio Lower Upper
83 100
85 60.5 46.3 86.1
131 8.5 7.0 10.4



#59
Bromoform
Concen: 25.772 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion: 173 Resp: 47463
Ion Ratio Lower Upper
173 100
175 47.4 39.0 58.4
254 8.5 5.3 7.9#

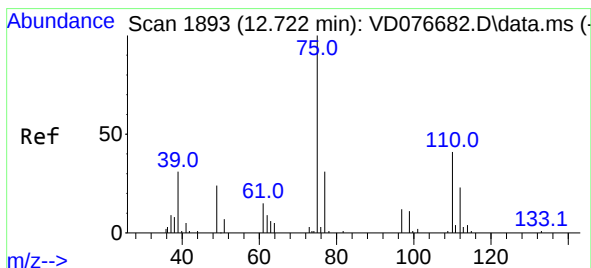
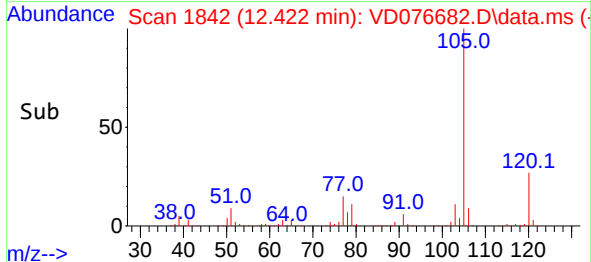
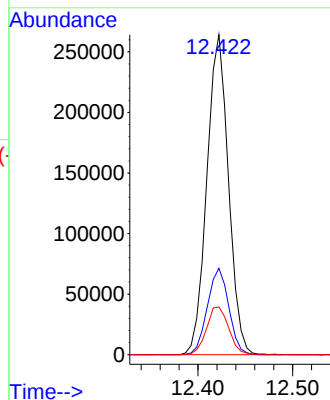
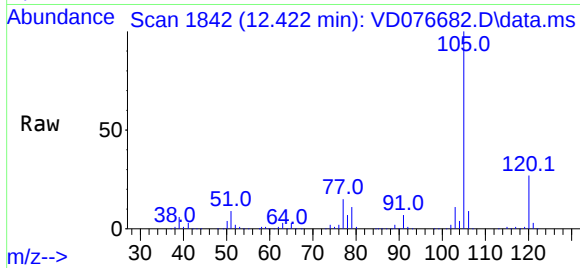




#60
Isopropylbenzene
Concen: 26.548 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

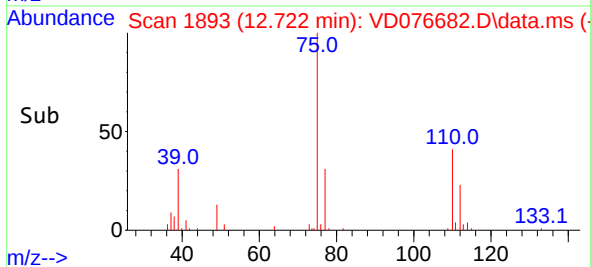
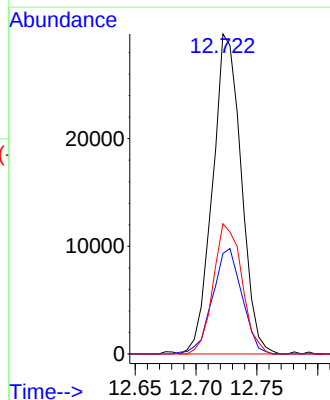
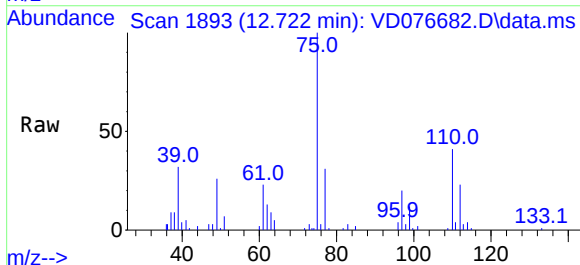
Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

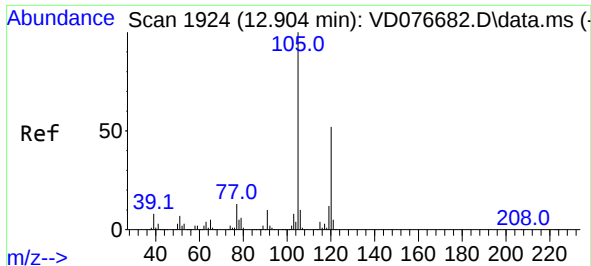
Tgt Ion:105 Resp: 417739
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 24.387 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion: 75 Resp: 48688
Ion Ratio Lower Upper
75 100
77 33.8 27.2 40.8
110 40.5 31.8 47.6

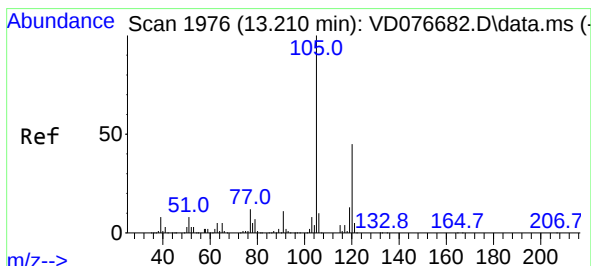
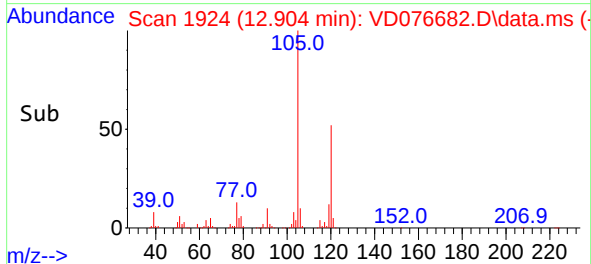
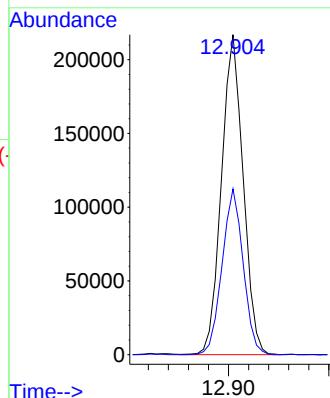
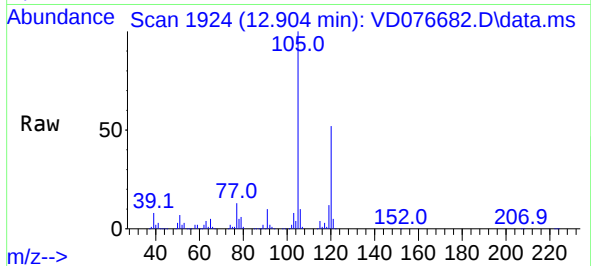




#62
1,3,5-Trimethylbenzene
Concen: 25.818 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

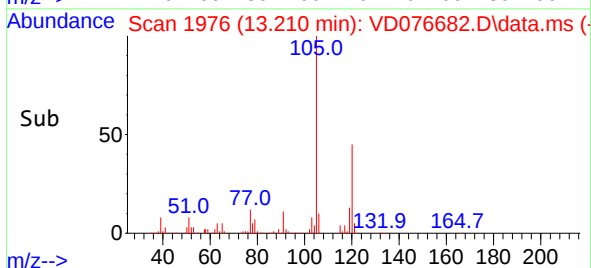
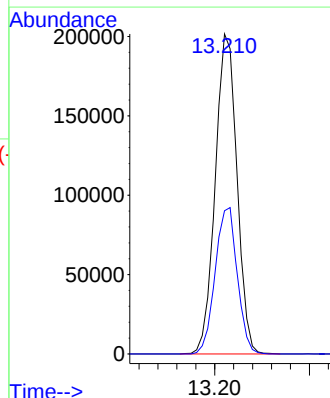
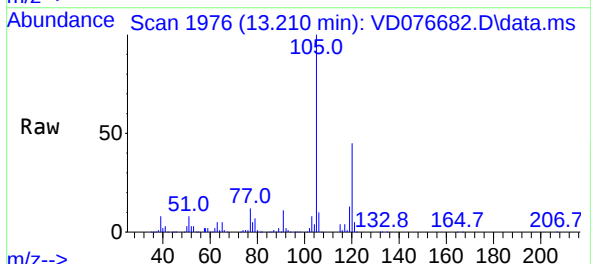
Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

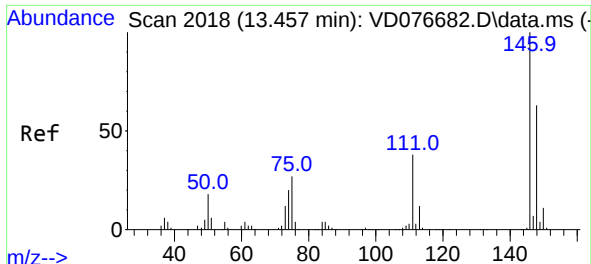
Tgt Ion:105 Resp: 325028
Ion Ratio Lower Upper
105 100
120 50.4 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 25.849 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion:105 Resp: 321128
Ion Ratio Lower Upper
105 100
120 46.5 37.5 56.3

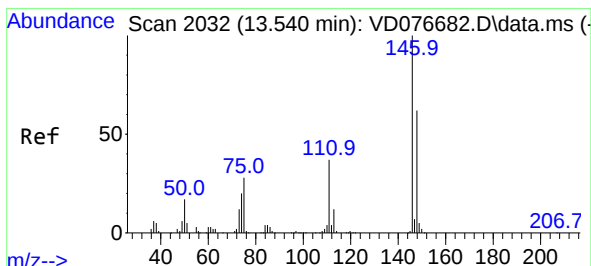
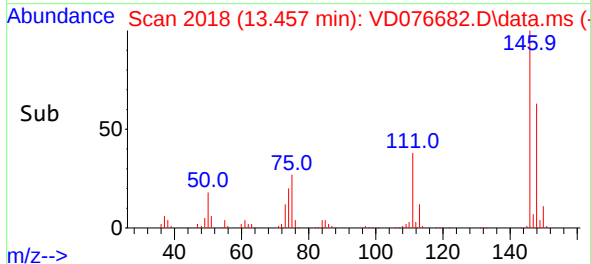
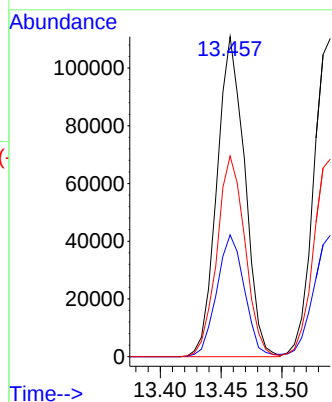
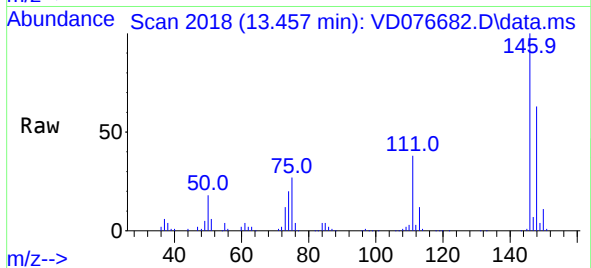




#64
1,3-Dichlorobenzene
Concen: 25.154 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

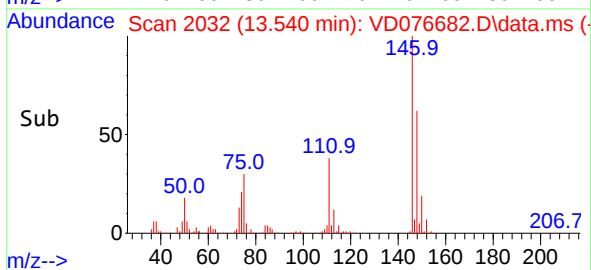
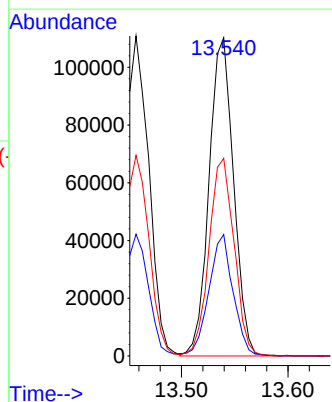
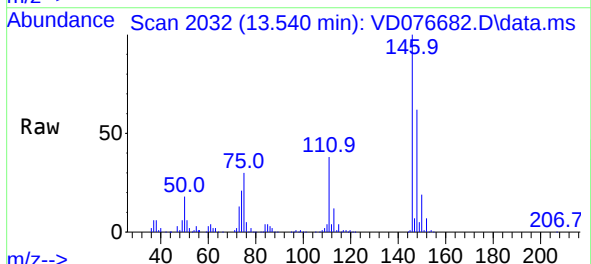
Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

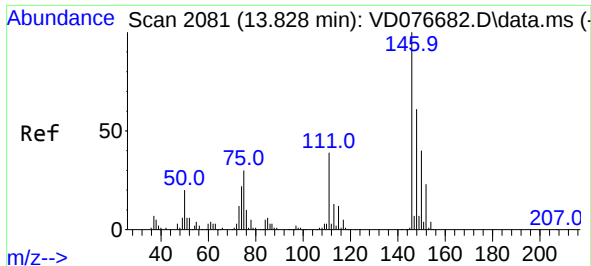
Tgt Ion:146 Resp: 176082
Ion Ratio Lower Upper
146 100
111 38.1 25.6 47.4
148 62.7 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 25.016 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion:146 Resp: 176522
Ion Ratio Lower Upper
146 100
111 38.1 25.7 47.7
148 62.1 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 24.902 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD076682.D

Acq: 03 Jul 2023 10:00

Instrument :

MSVOA_D

ClientSampleId :

VSTD025169

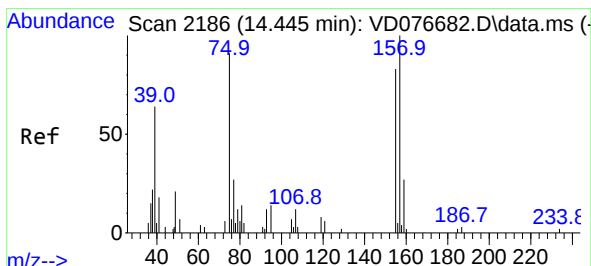
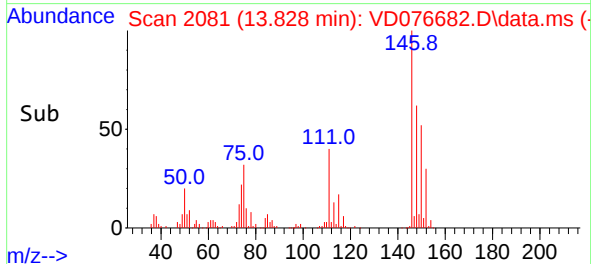
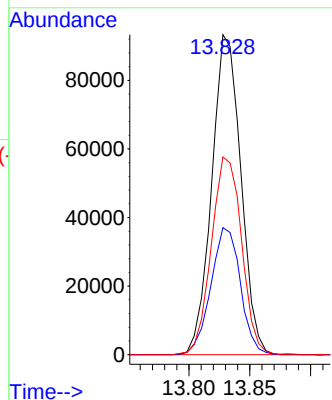
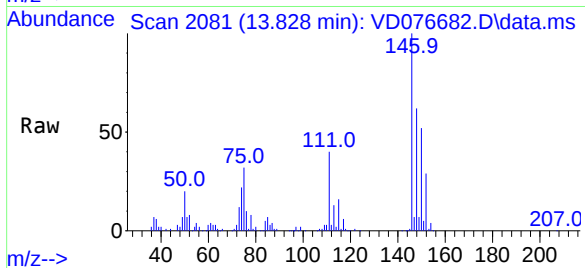
Tgt Ion:146 Resp: 155295

Ion Ratio Lower Upper

146 100

111 39.7 31.3 46.9

148 61.8 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 25.294 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD076682.D

Acq: 03 Jul 2023 10:00

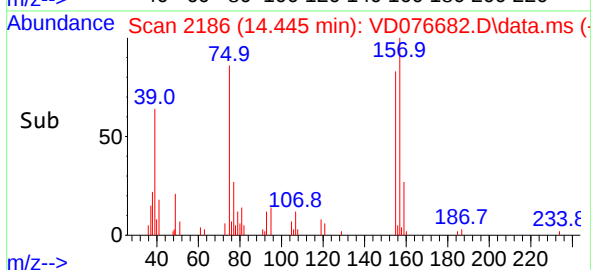
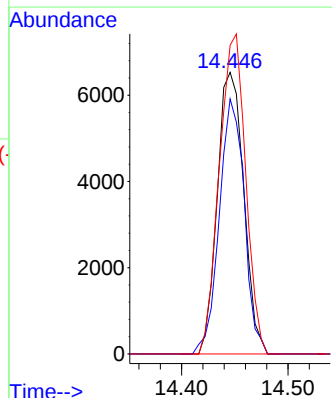
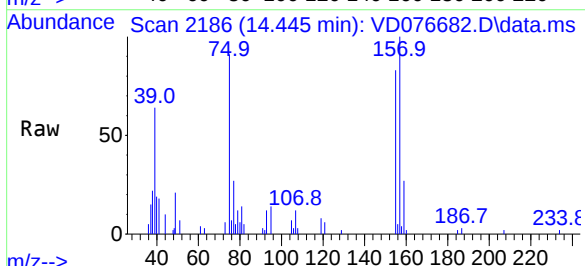
Tgt Ion: 75 Resp: 11254

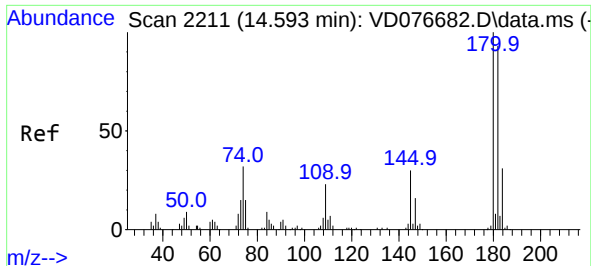
Ion Ratio Lower Upper

75 100

155 90.6 76.2 114.4

157 109.6 89.4 134.2

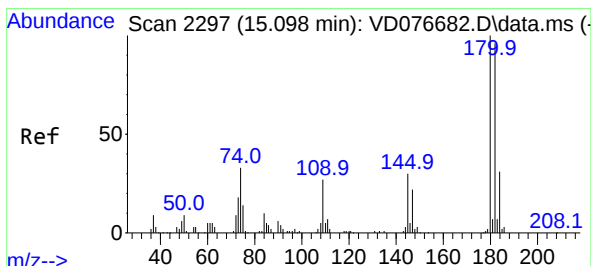
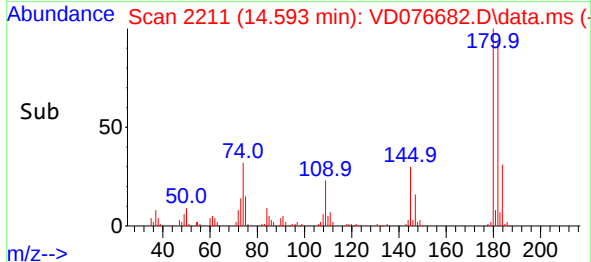
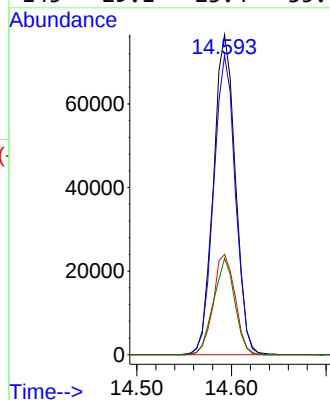
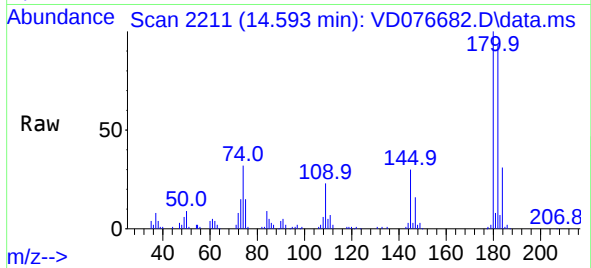




#69
 1,3,5-Trichlorobenzene
 Concen: 26.339 ug/L
 RT: 14.593 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD076682.D
 Acq: 03 Jul 2023 10:00

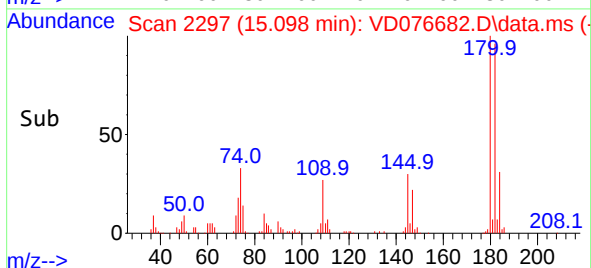
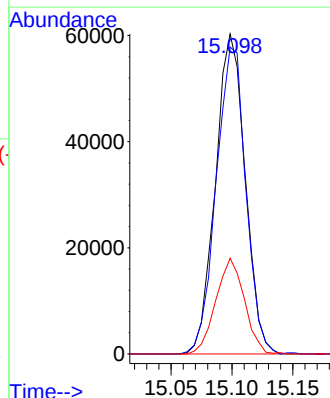
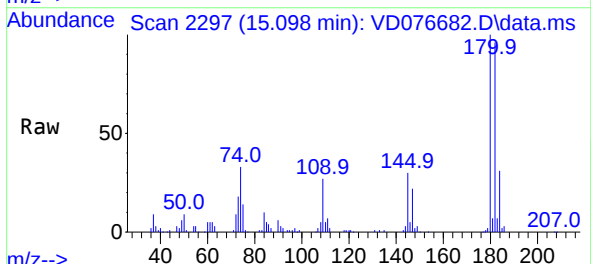
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025169

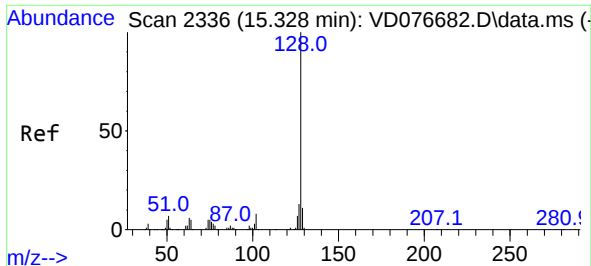
Tgt Ion:	180	Resp:	122984
Ion Ratio	Lower	Upper	
180	100		
182	93.1	77.1	115.7
184	31.1	25.0	37.4
145	29.1	23.4	35.0



#70
 1,2,4-trichlorobenzene
 Concen: 24.572 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD076682.D
 Acq: 03 Jul 2023 10:00

Tgt Ion:	180	Resp:	102084
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.9	115.3
145	28.8	23.5	35.3

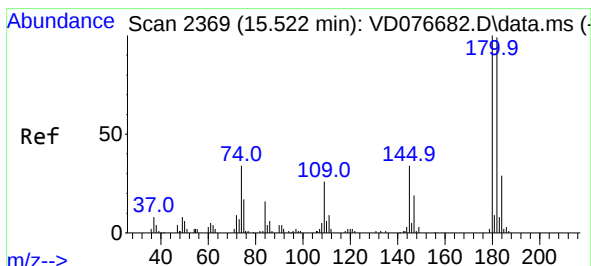
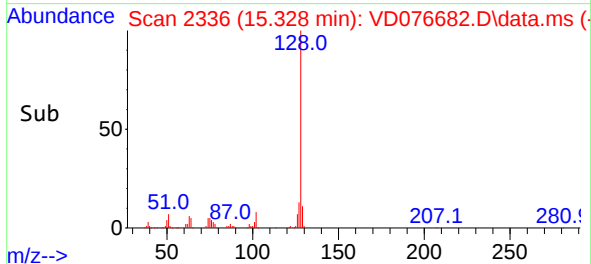
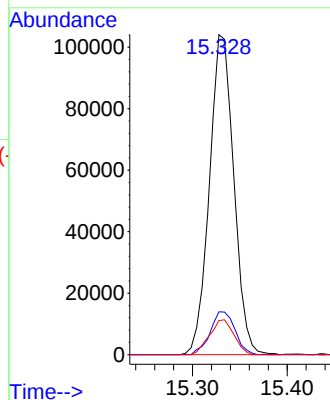
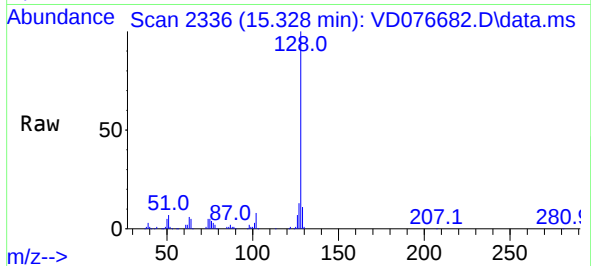




#71
Naphthalene
Concen: 23.415 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTD025169

Tgt Ion:	128	Resp:	186248
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.8	16.2
129	10.9	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.617 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD076682.D
Acq: 03 Jul 2023 10:00

Tgt Ion:	180	Resp:	88811
Ion	Ratio	Lower	Upper
180	100		
182	92.8	74.3	111.5
145	31.7	25.0	37.6

