

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062723\
 Data File : VD076589.D
 Acq On : 27 Jun 2023 12:30
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025160

Quant Time: Jun 28 05:04:50 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	251193	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	225124	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	113279	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	147966	24.188	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.760%		
7) Chloroethane-d5	2.799	69	111452	22.532	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.120%		
11) 1,1-Dichloroethene-d2	3.917	65	41315	25.874	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	103.480%		
21) 2-Butanone-d5	6.987	46	42621	46.005	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.000%		
24) Chloroform-d	7.563	84	163525	24.709	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.840%		
26) 1,2-Dichloroethane-d4	8.234	65	81078	24.834	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.320%		
32) Benzene-d6	8.205	84	332755	24.163	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.640%		
36) 1,2-Dichloropropane-d6	9.210	67	103516	23.549	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.200%		
41) Toluene-d8	10.269	98	312974	24.544	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	98.160%		
43) trans-1,3-Dichloroprop...	10.522	79	43042	23.542	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	94.160%		
47) 2-Hexanone-d5	10.881	63	30644	44.910	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.820%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	79021	25.268	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.080%		
66) 1,2-Dichlorobenzene-d4	13.816	152	99973	24.077	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	106647	27.246	ug/L	99
3) Chloromethane	2.146	50	155610	23.914	ug/L	97
5) Vinyl chloride	2.281	62	173442	24.708	ug/L	97
6) Bromomethane	2.687	94	85352	21.953	ug/L	98
8) Chloroethane	2.828	64	102815	23.912	ug/L	99
9) Trichlorofluoromethane	3.170	101	142759	28.127	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	93651	28.447	ug/L	97
12) 1,1-Dichloroethene	3.928	96	85986	26.376	ug/L #	84
13) Acetone	4.017	43	34428	46.009	ug/L	100
14) Carbon disulfide	4.264	76	307644	26.033	ug/L	100
15) Methyl Acetate	4.564	43	38589	22.591	ug/L #	86
16) Methylene chloride	4.799	84	99279	22.739	ug/L	91
17) trans-1,2-Dichloroethene	5.305	96	92825	25.540	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	193338	23.365	ug/L #	91
19) 1,1-Dichloroethane	6.116	63	167458	25.201	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	100014	24.639	ug/L	98
22) 2-Butanone	7.087	43	53937	44.665	ug/L	98
23) Bromochloromethane	7.428	128	45037	26.142	ug/L	94
25) Chloroform	7.599	83	166052	25.606	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062723\
 Data File : VD076589.D
 Acq On : 27 Jun 2023 12:30
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025160

Quant Time: Jun 28 05:04:50 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

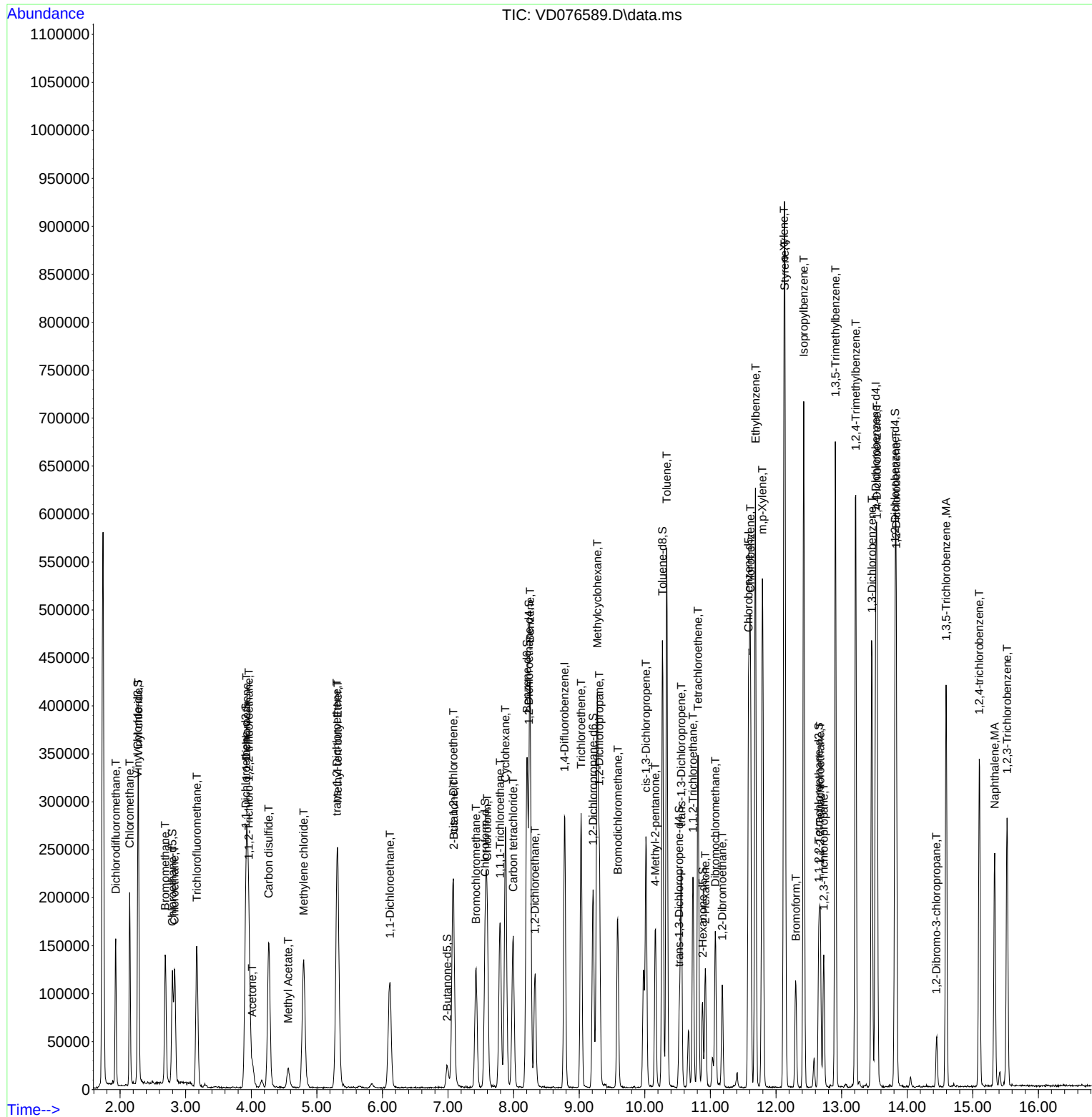
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	101657	25.490	ug/L	96
29) Cyclohexane	7.875	56	148732	24.844	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	136731	26.144	ug/L	97
31) Carbon tetrachloride	7.993	117	114180	27.299	ug/L	99
33) Benzene	8.252	78	378187	25.382	ug/L	100
34) Trichloroethene	9.028	95	94781	24.763	ug/L	93
35) Methylcyclohexane	9.275	83	161911	26.233	ug/L	98
37) 1,2-Dichloropropane	9.304	63	98938	24.356	ug/L	98
38) Bromodichloromethane	9.587	83	117967	25.462	ug/L #	98
39) cis-1,3-Dichloropropene	10.016	75	153422	24.734	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	117787	46.611	ug/L	99
42) Toluene	10.334	91	411679	25.856	ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	122919	24.380	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	68241	24.492	ug/L	97
46) Tetrachloroethene	10.810	164	77606	25.792	ug/L	91
48) 2-Hexanone	10.922	43	82713	47.792	ug/L	98
49) Dibromochloromethane	11.075	129	81642	25.784	ug/L	97
50) 1,2-Dibromoethane	11.181	107	67512	24.965	ug/L	93
51) Chlorobenzene	11.610	112	249603	25.109	ug/L	98
52) Ethylbenzene	11.687	91	447513	26.076	ug/L	99
53) m,p-Xylene	11.793	106	173231	25.685	ug/L	98
54) o-Xylene	12.122	106	163715	25.494	ug/L	96
55) Styrene	12.134	104	286348	25.810	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	81919	25.726	ug/L	96
59) Bromoform	12.304	173	50840	25.070	ug/L	99
60) Isopropylbenzene	12.422	105	449470	25.941	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	54958	24.999	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	346419	24.990	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	343679	25.124	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	192361	24.955	ug/L	100
65) 1,4-Dichlorobenzene	13.540	146	191680	24.669	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	167242	24.355	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	12004	24.501	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	130219	25.327	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	107646	23.531	ug/L	99
71) Naphthalene	15.334	128	202593	23.131	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	92654	23.323	ug/L	97

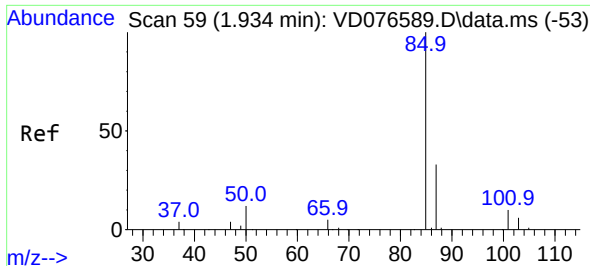
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062723\
 Data File : VD076589.D
 Acq On : 27 Jun 2023 12:30
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025160

Quant Time: Jun 28 05:04:50 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

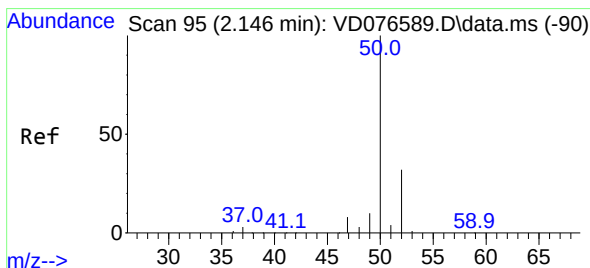
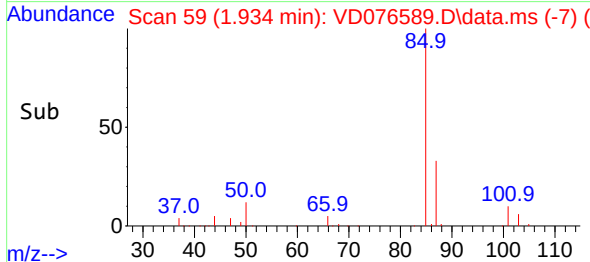
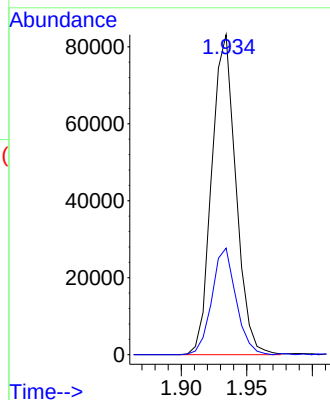
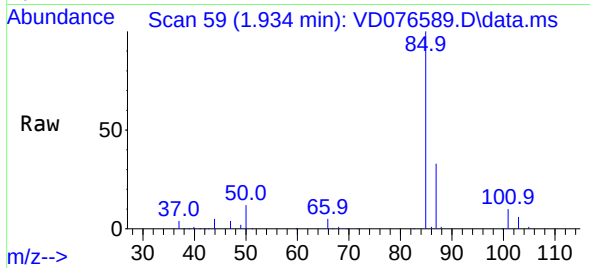




#2
 Dichlorodifluoromethane
 Concen: 27.246 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.006 min
 Lab File: VD076589.D
 Acq: 27 Jun 2023 12:30

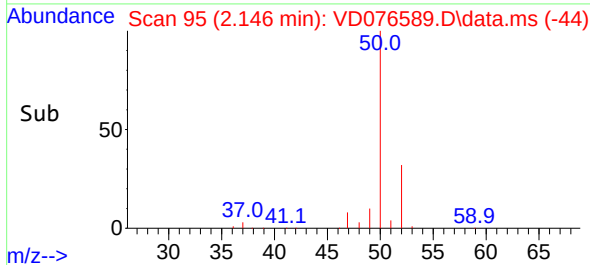
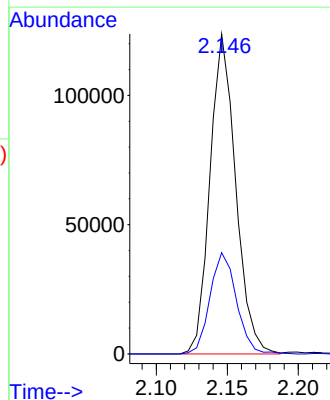
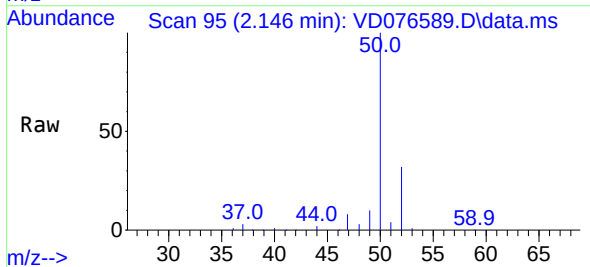
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025160

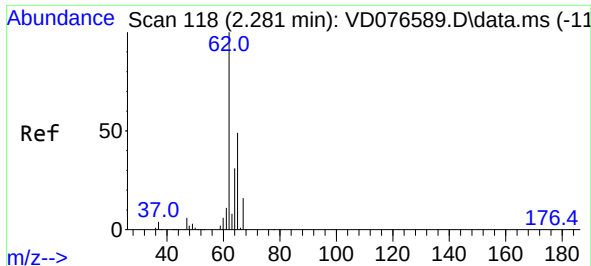
Tgt Ion: 85 Resp: 106647
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.3 39.5



#3
 Chloromethane
 Concen: 23.914 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD076589.D
 Acq: 27 Jun 2023 12:30

Tgt Ion: 50 Resp: 155610
 Ion Ratio Lower Upper
 50 100
 52 31.6 23.2 43.2

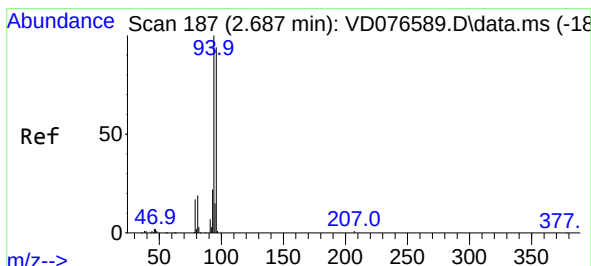
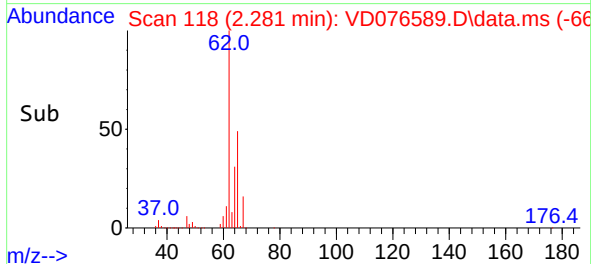
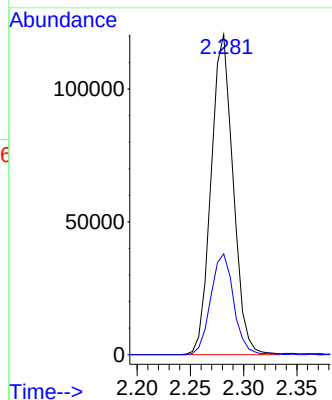
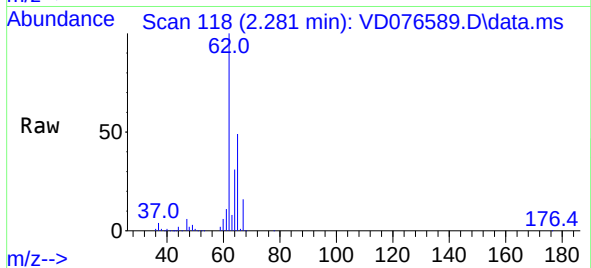




#5
 Vinyl chloride
 Concen: 24.708 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD076589.D
 Acq: 27 Jun 2023 12:30

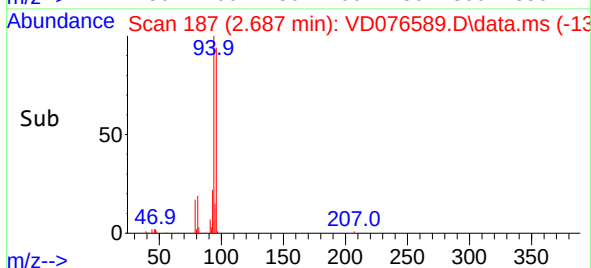
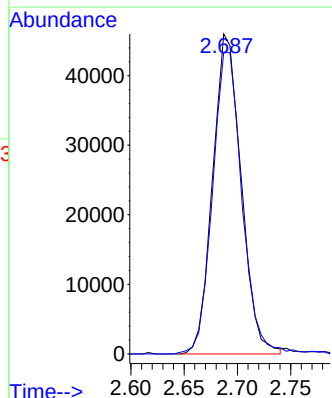
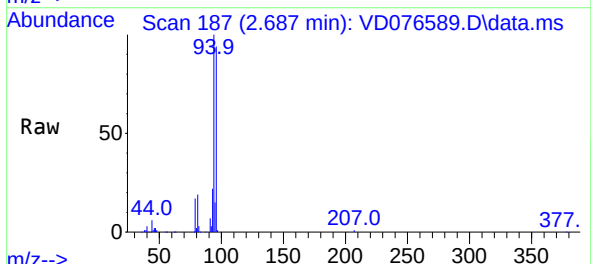
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025160

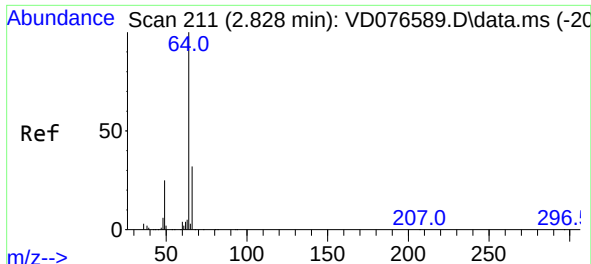
Tgt Ion: 62 Resp: 173442
 Ion Ratio Lower Upper
 62 100
 64 31.5 21.1 39.1



#6
 Bromomethane
 Concen: 21.953 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.000 min
 Lab File: VD076589.D
 Acq: 27 Jun 2023 12:30

Tgt Ion: 94 Resp: 85352
 Ion Ratio Lower Upper
 94 100
 96 94.2 64.7 120.1

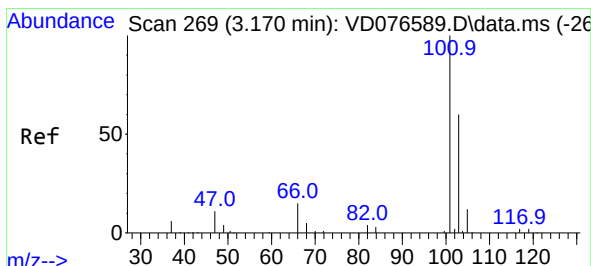
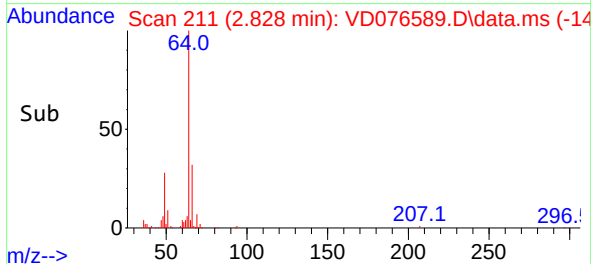
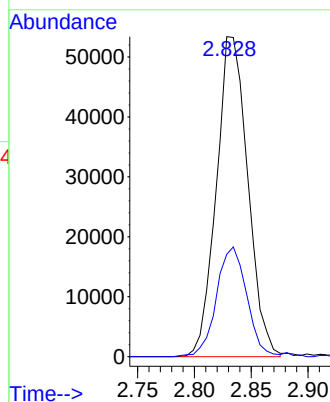
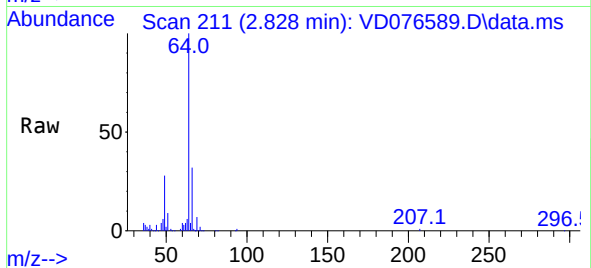




#8
Chloroethane
Concen: 23.912 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

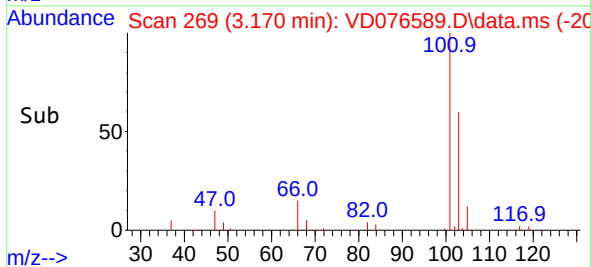
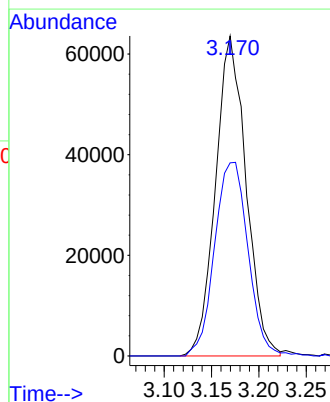
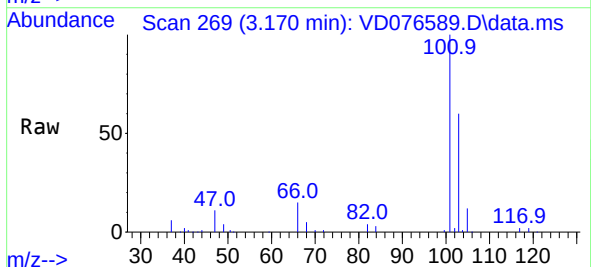
Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

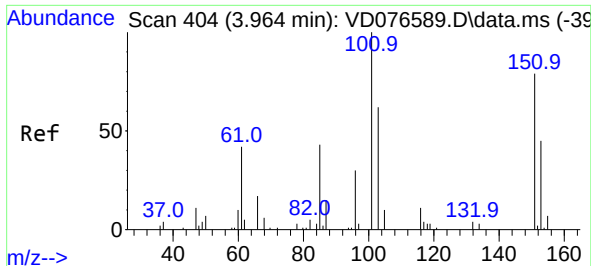
Tgt Ion: 64 Resp: 102815
Ion Ratio Lower Upper
64 100
66 32.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 28.127 ug/L
RT: 3.170 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion:101 Resp: 142759
Ion Ratio Lower Upper
101 100
103 66.3 51.8 77.6

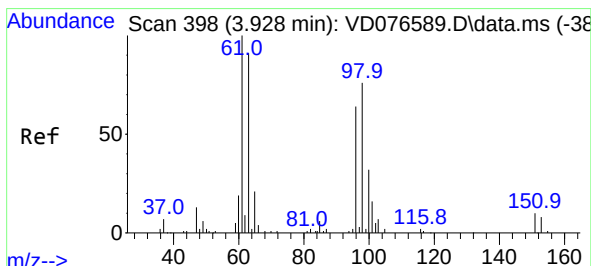
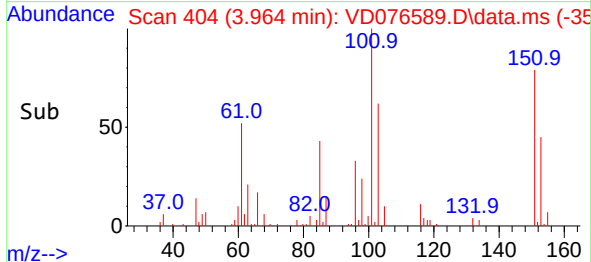
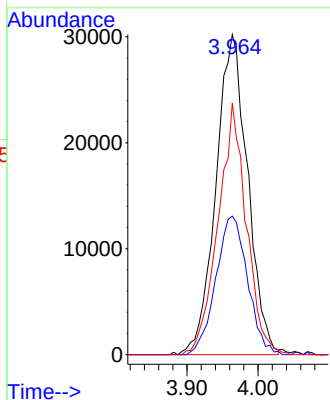
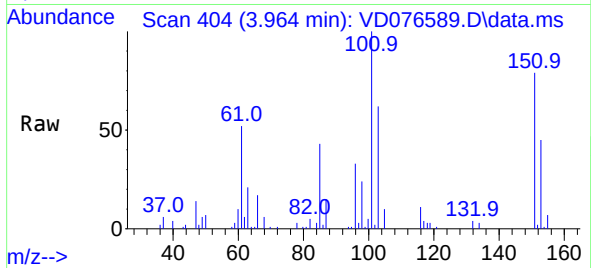




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.447 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. 0.006 min
 Lab File: VD076589.D
 Acq: 27 Jun 2023 12:30

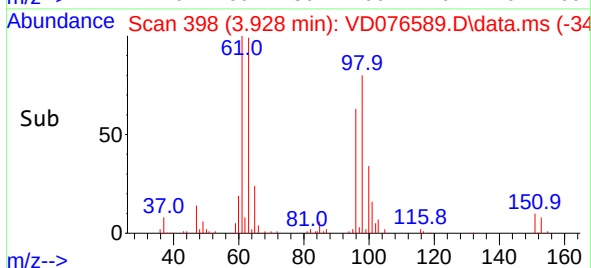
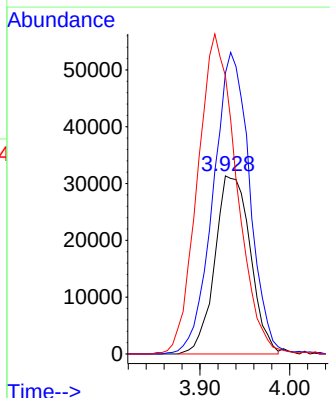
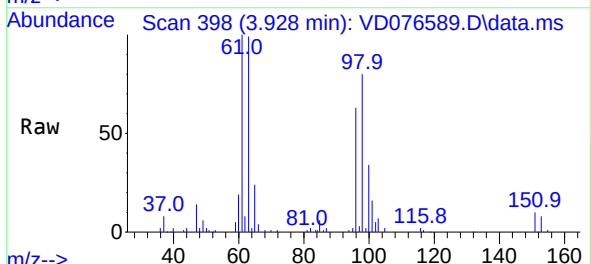
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025160

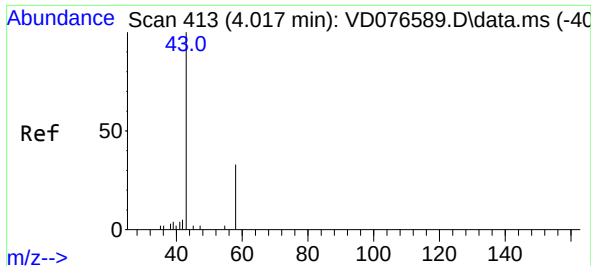
Tgt Ion:101 Resp: 93651
 Ion Ratio Lower Upper
 101 100
 85 43.3 35.5 53.3
 151 70.2 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 26.376 ug/L
 RT: 3.928 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VD076589.D
 Acq: 27 Jun 2023 12:30

Tgt Ion: 96 Resp: 85986
 Ion Ratio Lower Upper
 96 100
 61 157.7 113.0 209.8
 63 156.3 83.6 155.2#

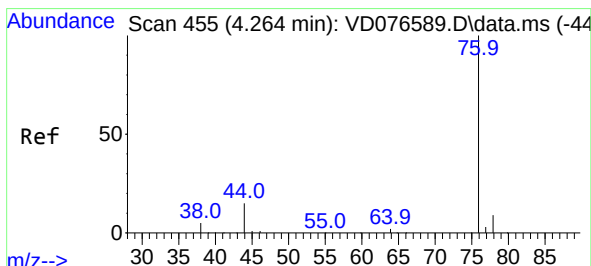
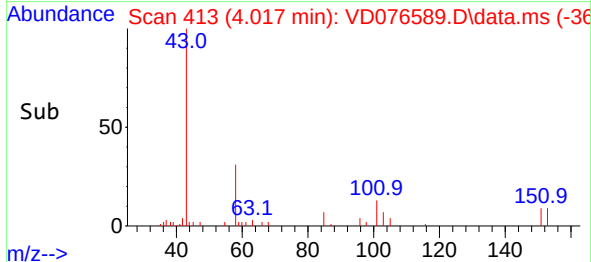
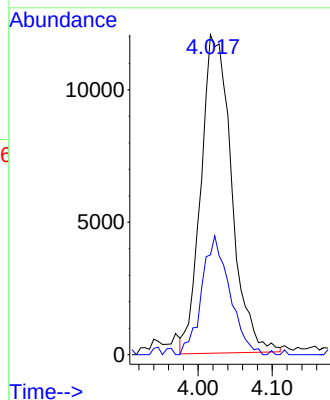
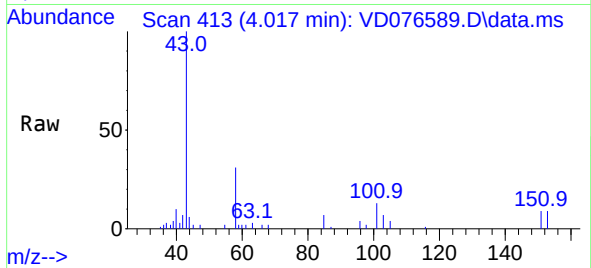




#13
Acetone
Concen: 46.009 ug/L
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

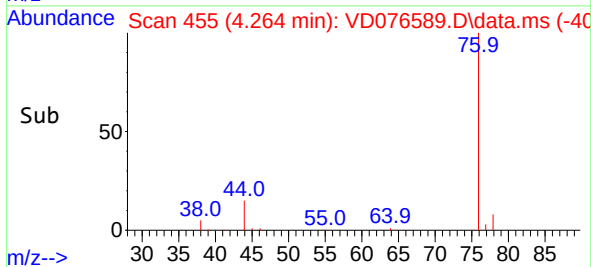
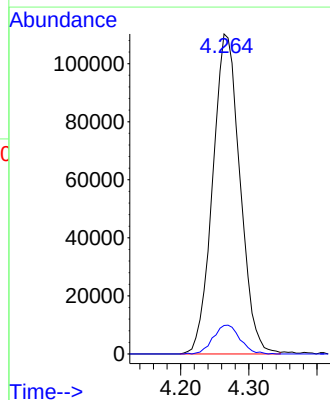
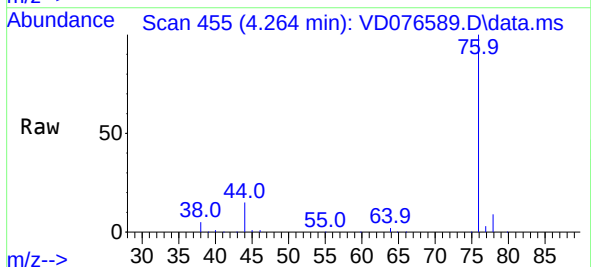
Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

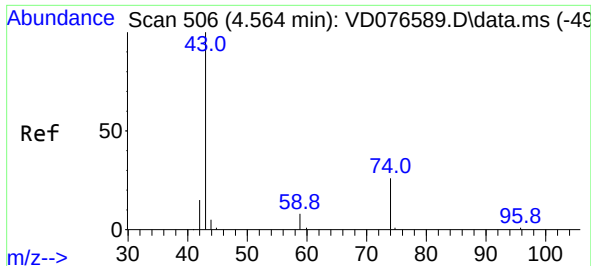
Tgt Ion: 43 Resp: 34428
Ion Ratio Lower Upper
43 100
58 34.0 0.0 67.4



#14
Carbon disulfide
Concen: 26.033 ug/L
RT: 4.264 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion: 76 Resp: 307644
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

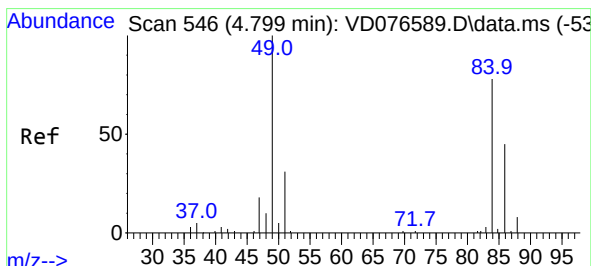
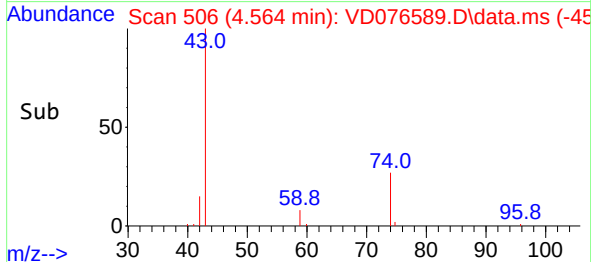
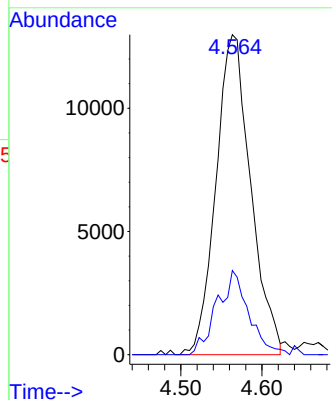
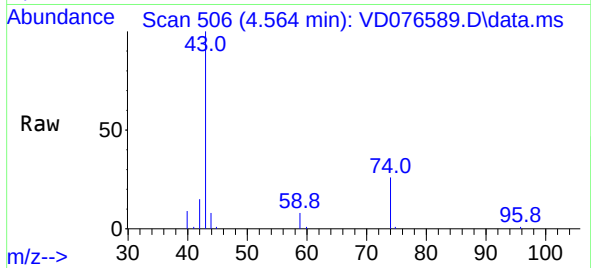




#15
Methyl Acetate
Concen: 22.591 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

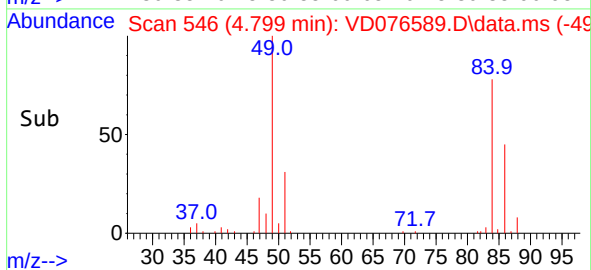
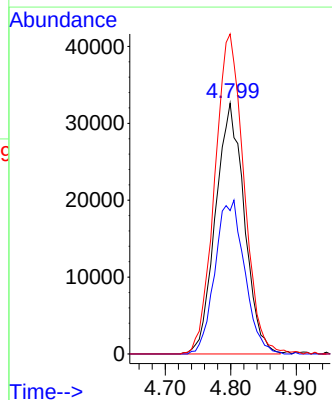
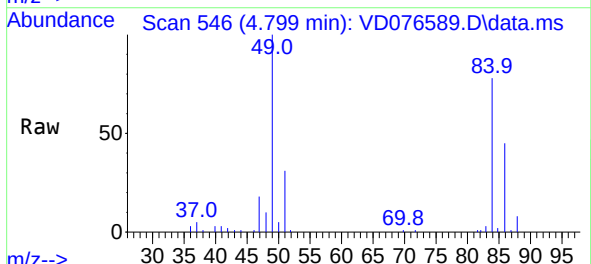
Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

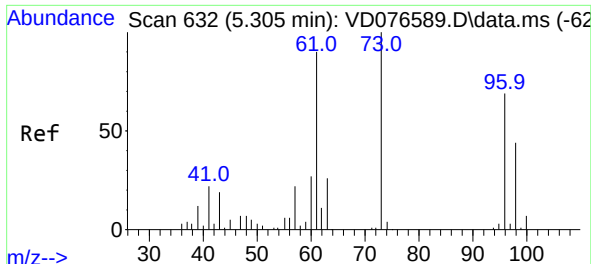
Tgt Ion: 43 Resp: 38589
Ion Ratio Lower Upper
43 100
74 16.1 18.2 27.2#



#16
Methylene chloride
Concen: 22.739 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion: 84 Resp: 99279
Ion Ratio Lower Upper
84 100
86 57.2 45.1 83.9
49 127.6 97.2 180.6

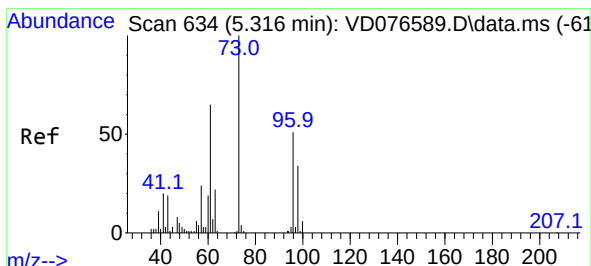
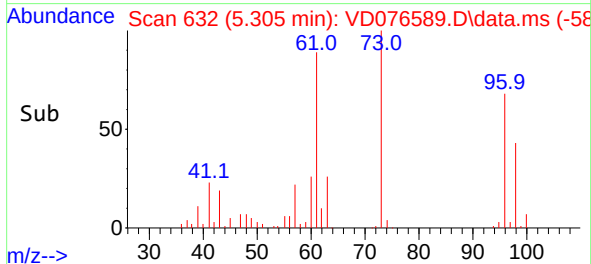
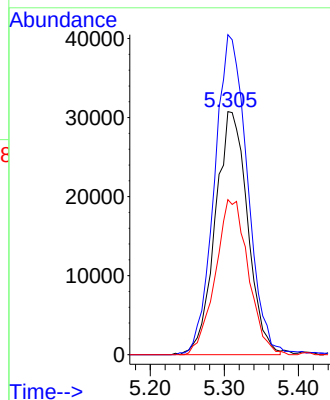
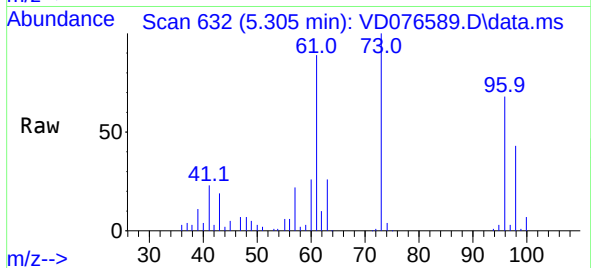




#17
trans-1,2-Dichloroethene
Concen: 25.540 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

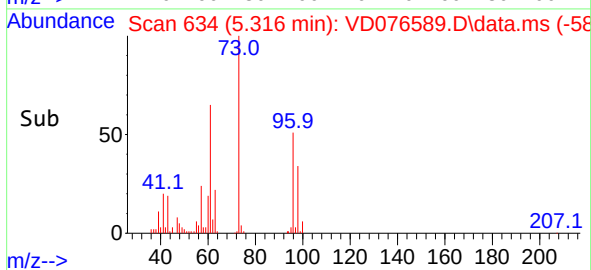
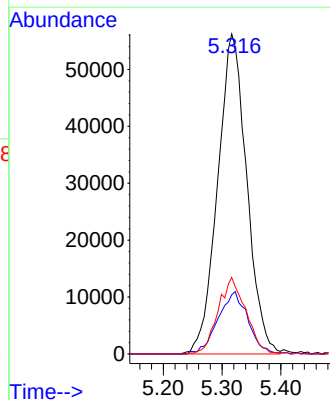
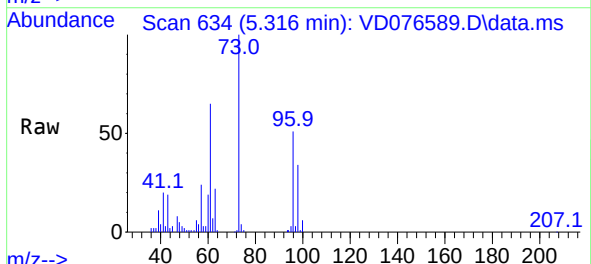
Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

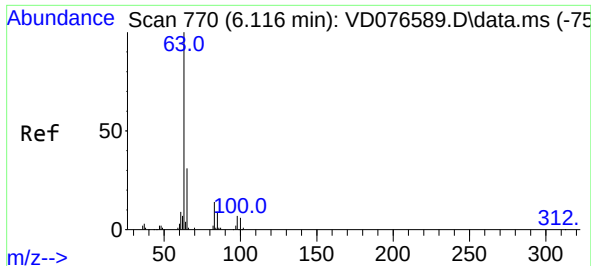
Tgt Ion: 96 Resp: 92825
Ion Ratio Lower Upper
96 100
61 131.6 94.5 175.5
98 63.8 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 23.365 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion: 73 Resp: 193338
Ion Ratio Lower Upper
73 100
43 19.7 7.2 10.8#
57 22.8 18.6 28.0





#19

1,1-Dichloroethane

Concen: 25.201 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.012 min

Lab File: VD076589.D

Acq: 27 Jun 2023 12:30

Instrument :

MSVOA_D

ClientSampleId :

VSTD025160

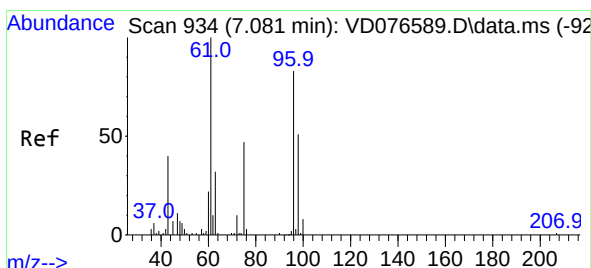
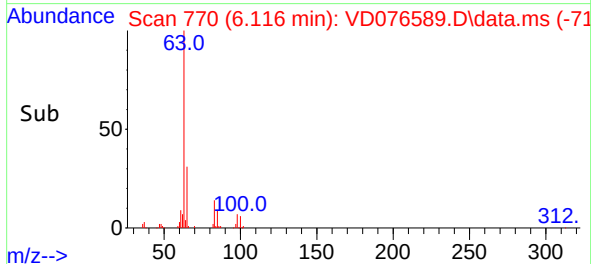
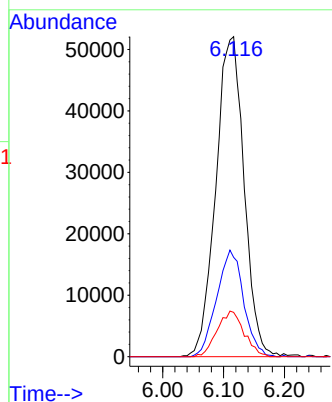
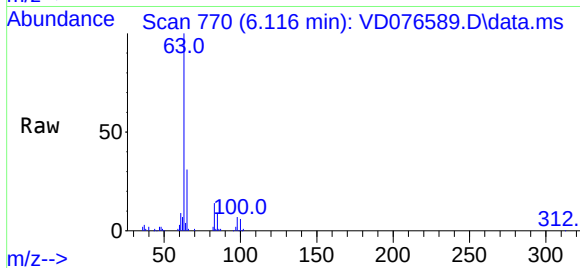
Tgt Ion: 63 Resp: 167458

Ion Ratio Lower Upper

63 100

65 31.0 20.8 38.6

83 13.8 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 24.639 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD076589.D

Acq: 27 Jun 2023 12:30

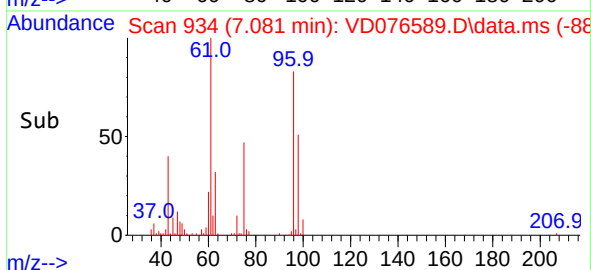
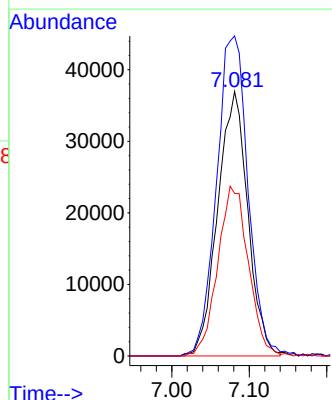
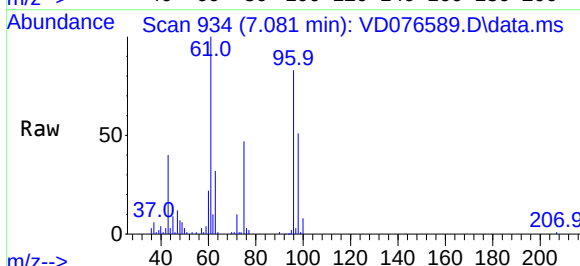
Tgt Ion: 96 Resp: 100014

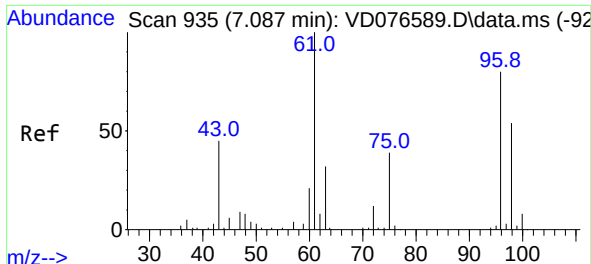
Ion Ratio Lower Upper

96 100

61 121.0 86.0 159.6

98 61.5 42.2 78.4

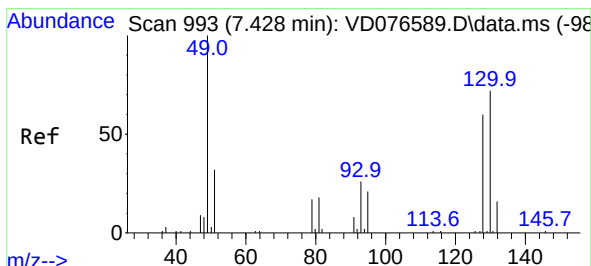
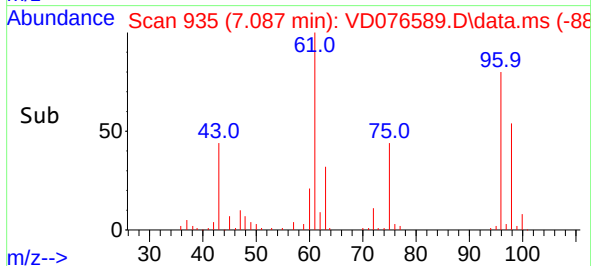
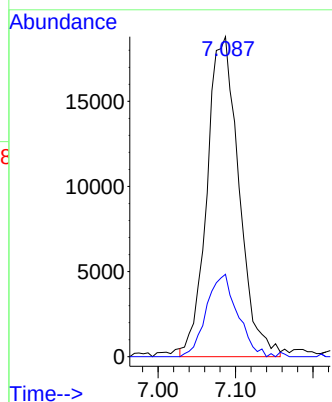
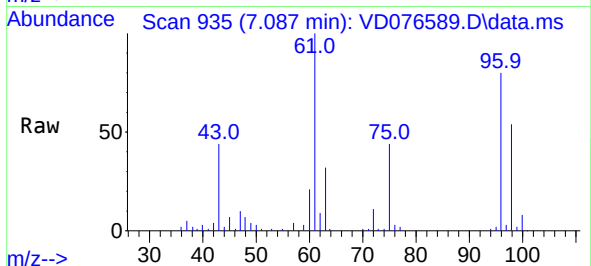




#22
2-Butanone
Concen: 44.665 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

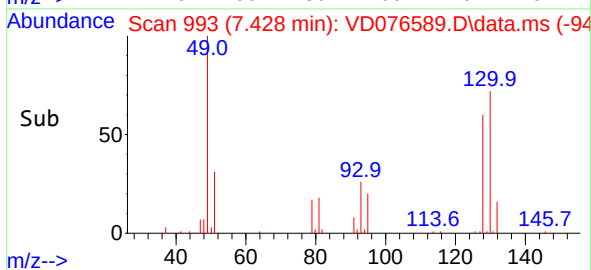
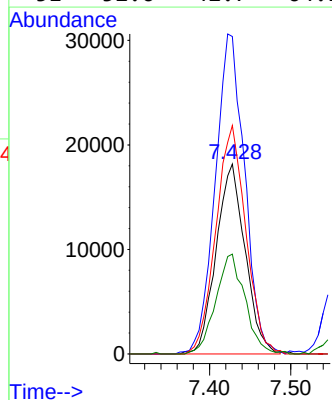
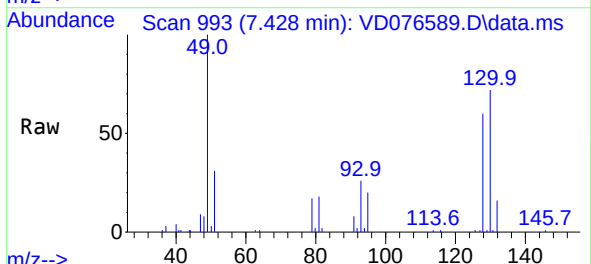
Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

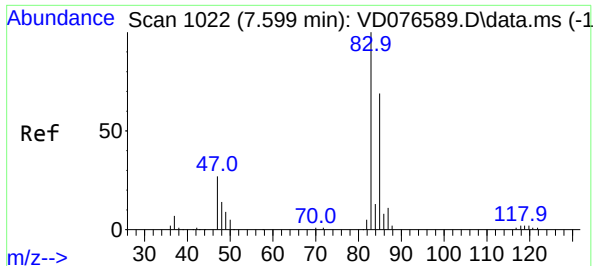
Tgt Ion: 43 Resp: 53937
Ion Ratio Lower Upper
43 100
72 24.7 12.9 38.7



#23
Bromochloromethane
Concen: 26.142 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion:128 Resp: 45037
Ion Ratio Lower Upper
128 100
49 167.2 124.7 231.7
130 121.6 80.0 148.6
51 52.6 42.7 64.1

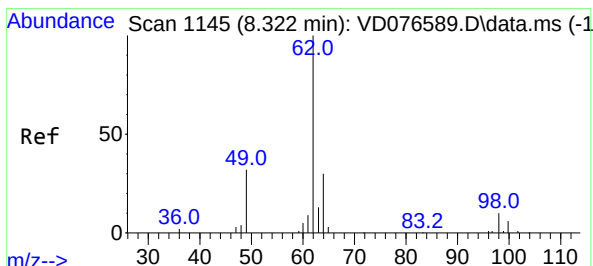
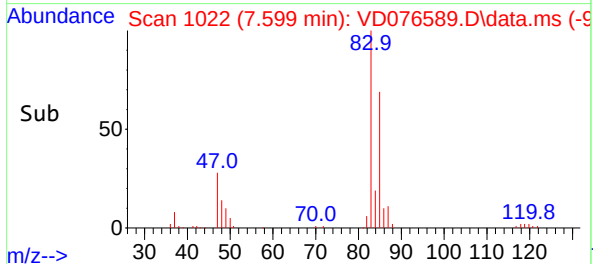
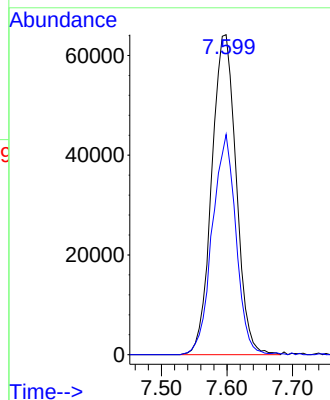
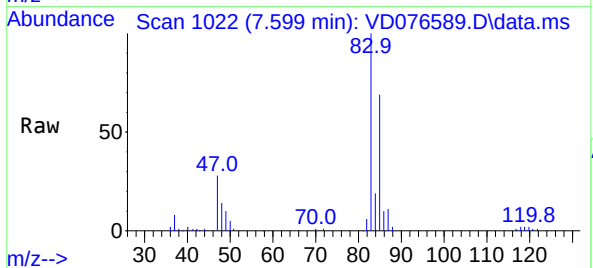




#25
Chloroform
Concen: 25.606 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

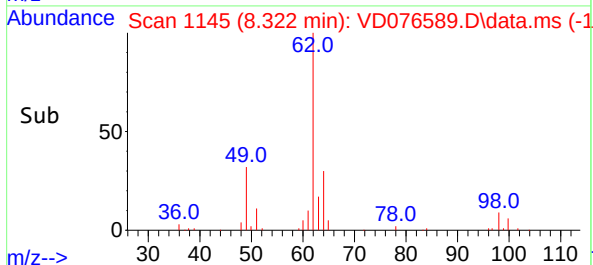
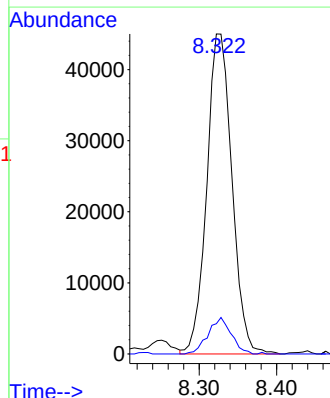
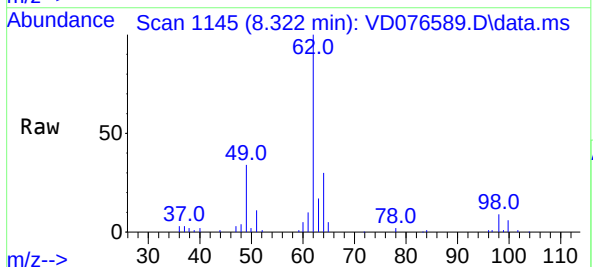
Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

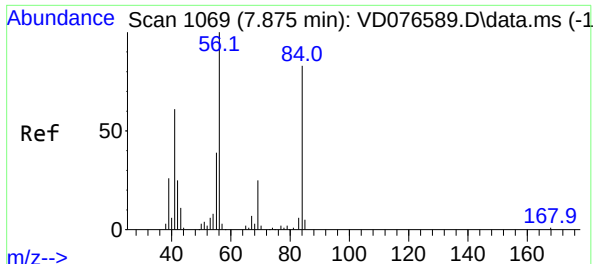
Tgt Ion: 83 Resp: 166052
Ion Ratio Lower Upper
83 100
85 68.8 45.4 84.4



#27
1,2-Dichloroethane
Concen: 25.490 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion: 62 Resp: 101657
Ion Ratio Lower Upper
62 100
98 9.4 8.7 13.1



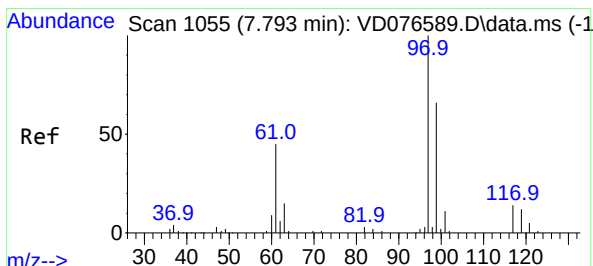
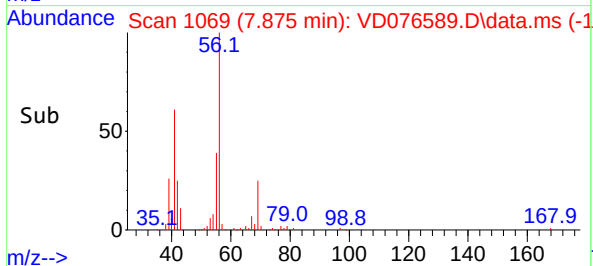
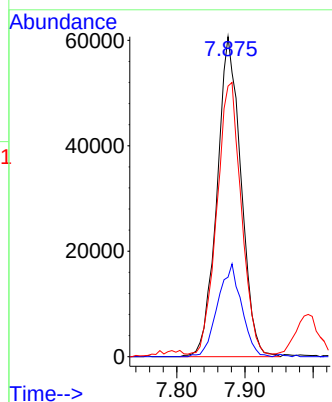
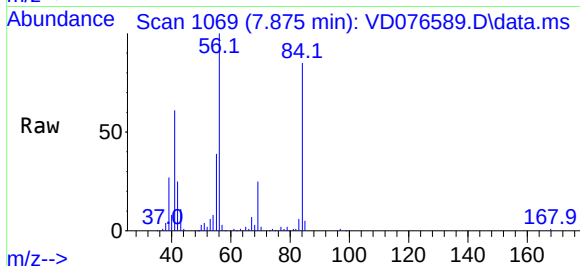


#29
Cyclohexane
Concen: 24.844 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

Tgt Ion: 56 Resp: 148732

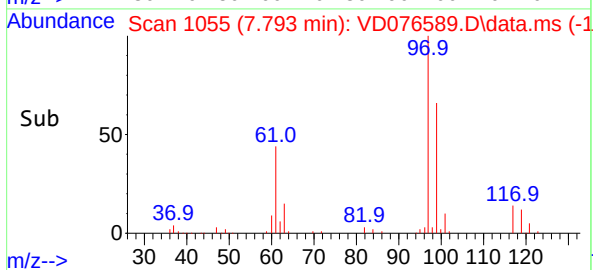
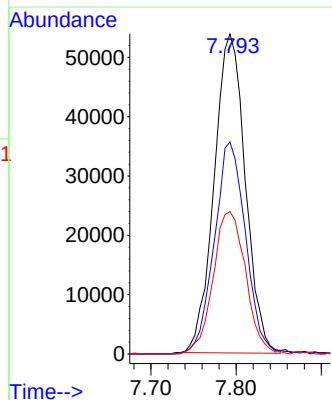
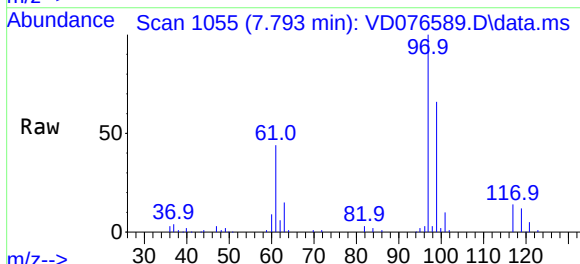
Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.4	35.0
84	87.4	66.3	99.5

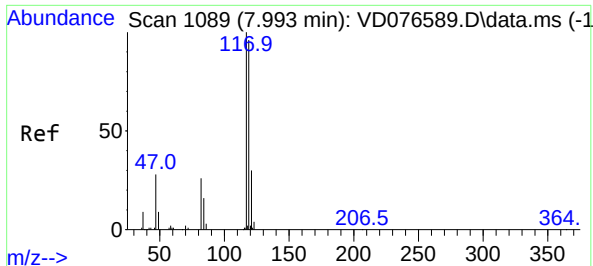


#30
1,1,1-Trichloroethane
Concen: 26.144 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion: 97 Resp: 136731

Ion	Ratio	Lower	Upper
97	100		
99	67.0	51.0	76.6
61	46.6	36.4	54.6

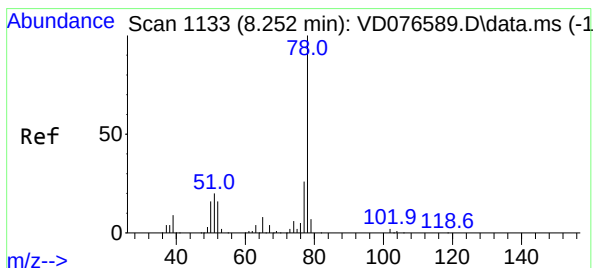
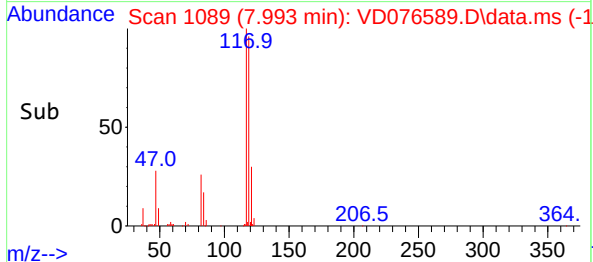
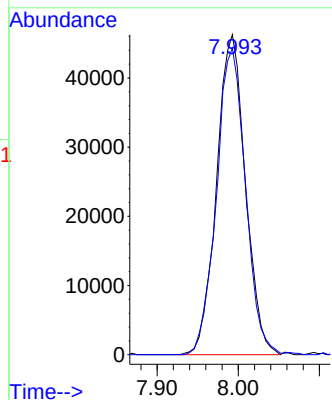
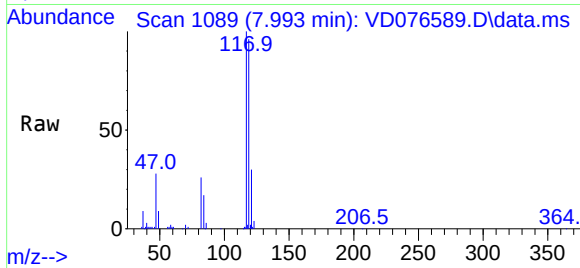




#31
Carbon tetrachloride
Concen: 27.299 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

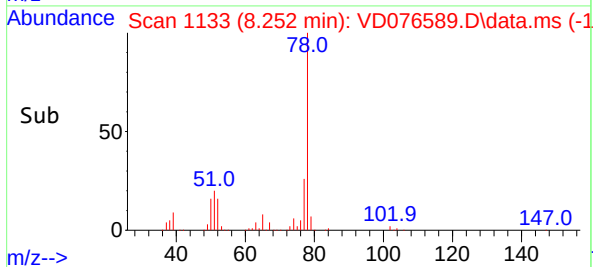
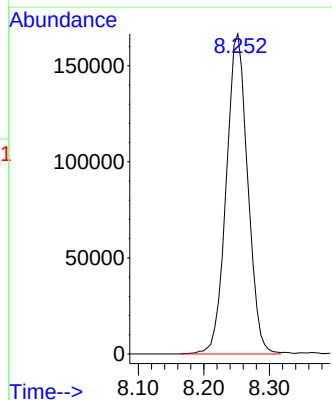
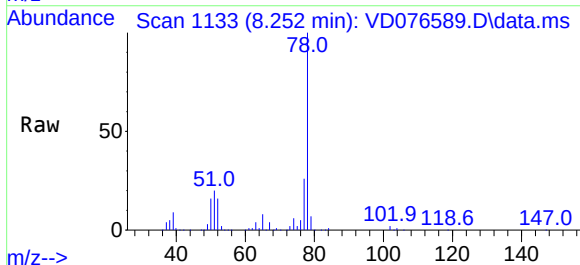
Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

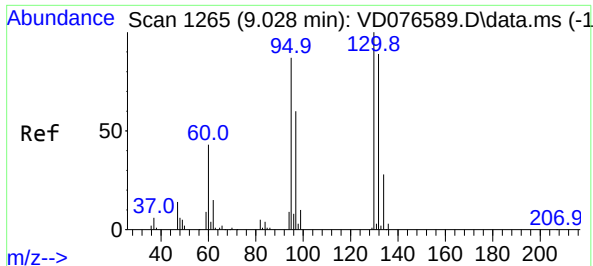
Tgt Ion:117 Resp: 114180
Ion Ratio Lower Upper
117 100
119 96.3 77.8 116.6



#33
Benzene
Concen: 25.382 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion: 78 Resp: 378187



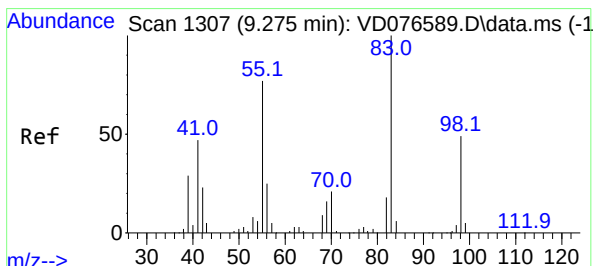
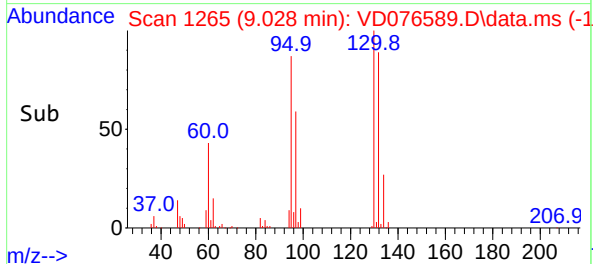
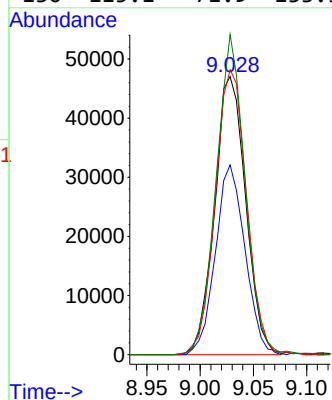
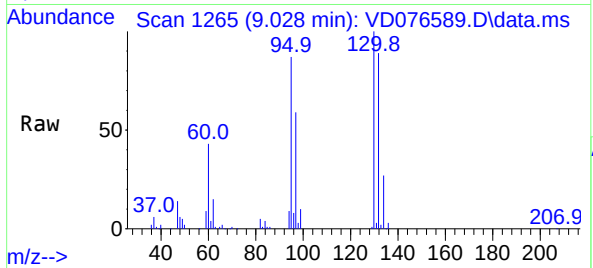


#34
Trichloroethene
Concen: 24.763 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

Tgt Ion: 95 Resp: 94781

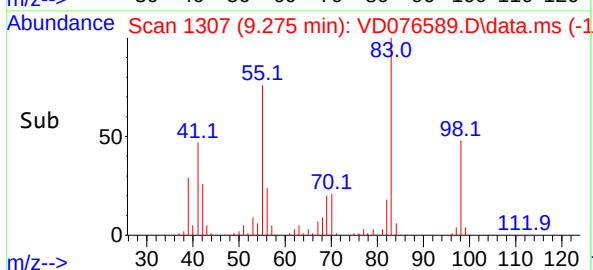
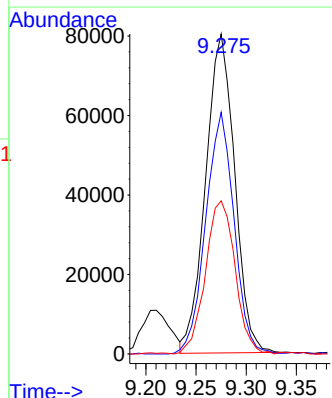
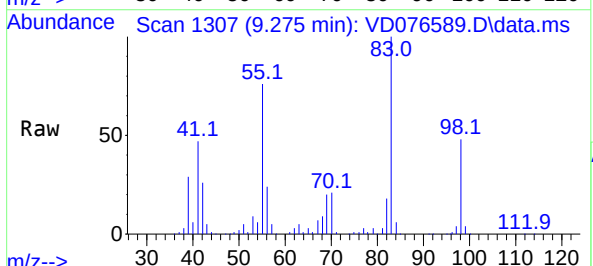
Ion	Ratio	Lower	Upper
95	100		
97	68.3	43.1	80.1
132	102.5	71.8	133.4
130	115.1	71.9	133.5

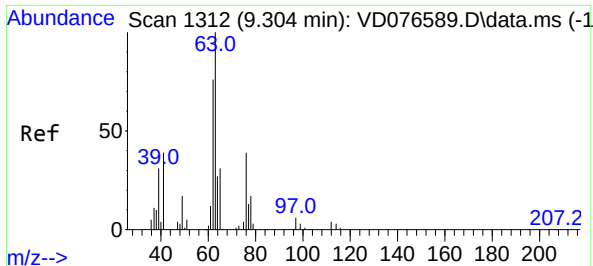


#35
Methylcyclohexane
Concen: 26.233 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion: 83 Resp: 161911

Ion	Ratio	Lower	Upper
83	100		
55	74.0	59.8	89.6
98	49.0	37.8	56.6

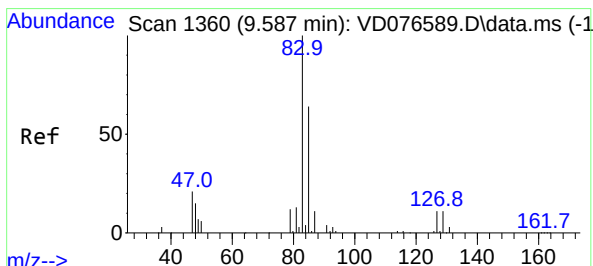
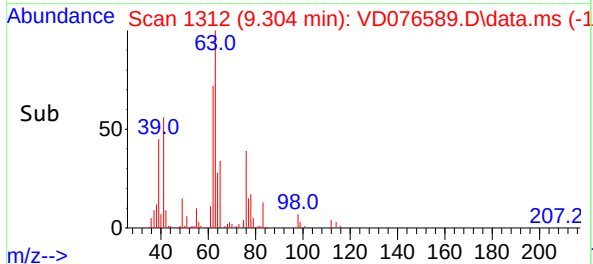
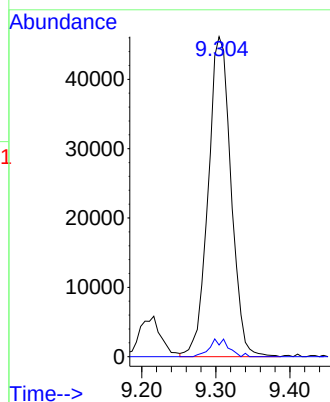
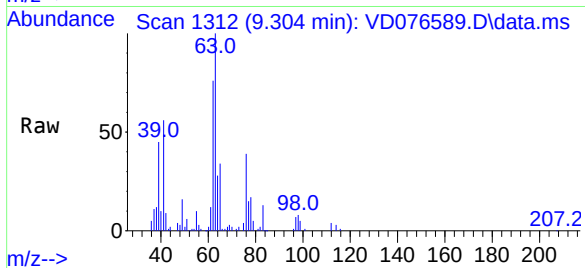




#37
1,2-Dichloropropane
Concen: 24.356 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

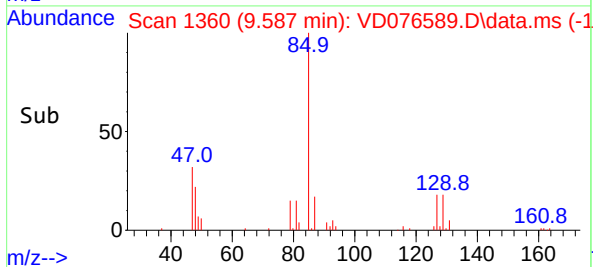
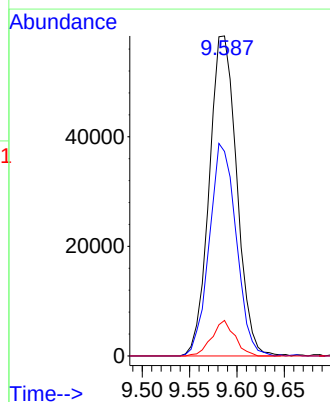
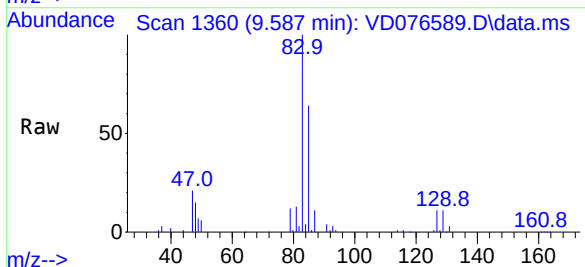
Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

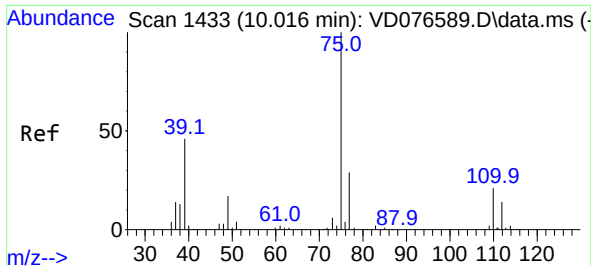
Tgt Ion: 63 Resp: 98938
Ion Ratio Lower Upper
63 100
112 4.4 3.1 4.7



#38
Bromodichloromethane
Concen: 25.462 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion: 83 Resp: 117967
Ion Ratio Lower Upper
83 100
85 63.9 43.9 81.5
127 11.1 6.6 9.8#

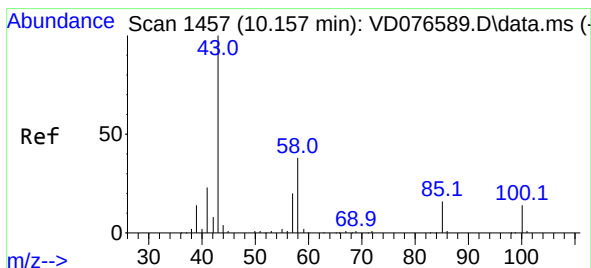
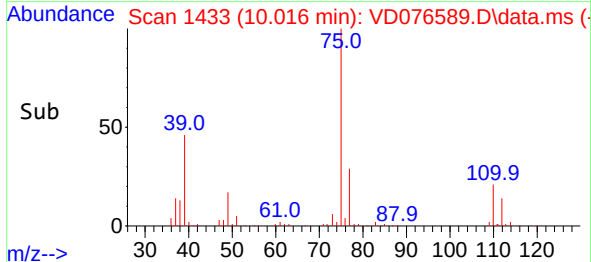
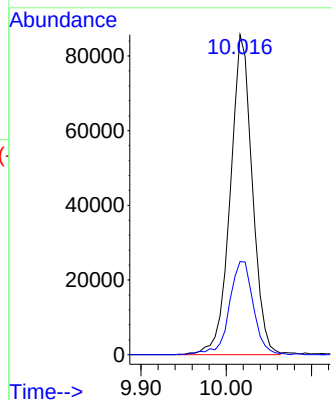
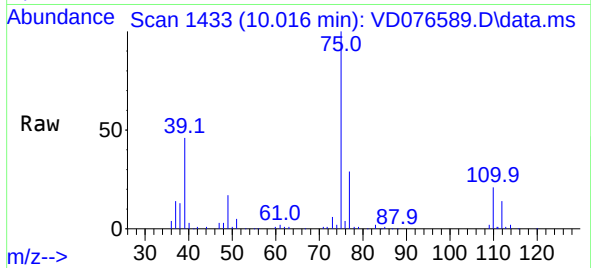




#39
cis-1,3-Dichloropropene
Concen: 24.734 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

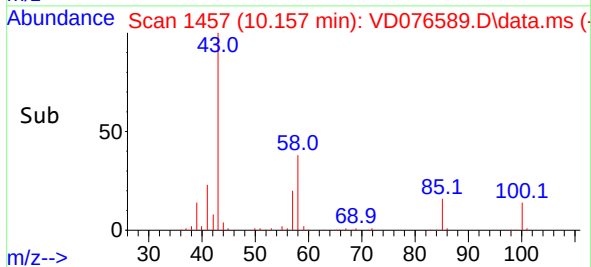
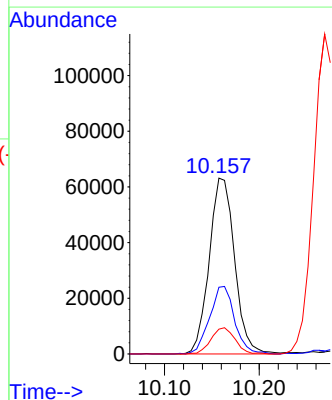
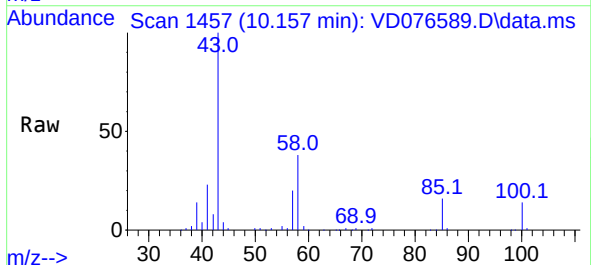
Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

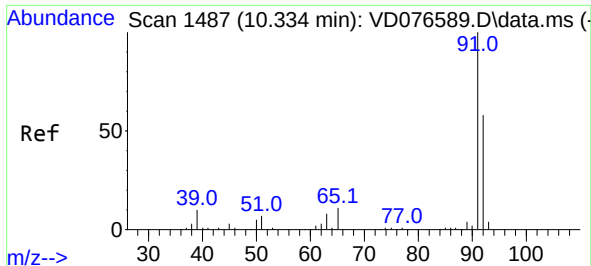
Tgt Ion: 75 Resp: 153422
Ion Ratio Lower Upper
75 100
77 29.1 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 46.611 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion: 43 Resp: 117787
Ion Ratio Lower Upper
43 100
58 37.7 30.7 46.1
100 13.9 11.0 16.4

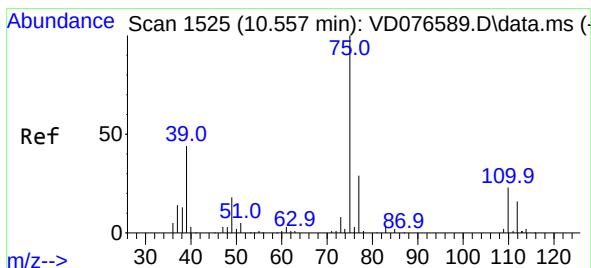
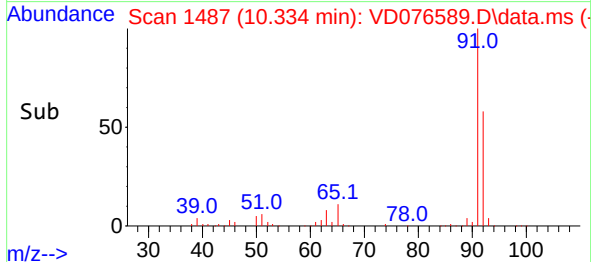
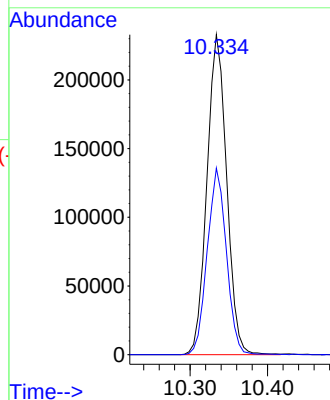
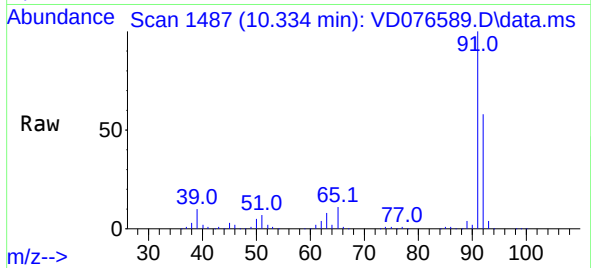




#42
Toluene
Concen: 25.856 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

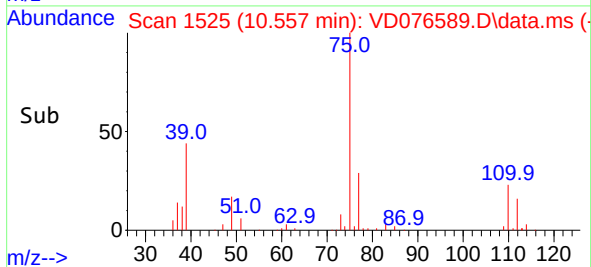
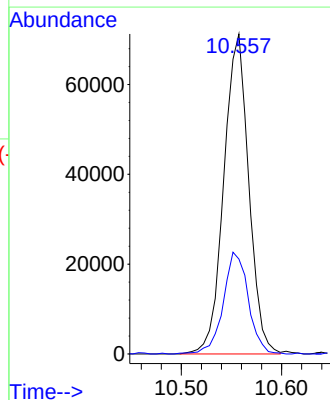
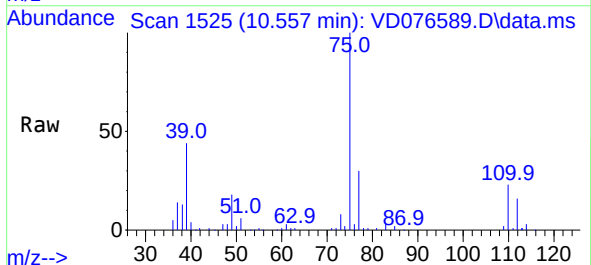
Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

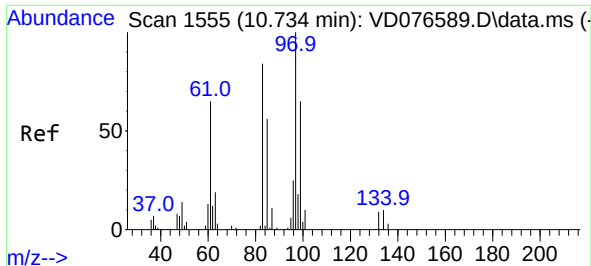
Tgt Ion: 91 Resp: 411679
Ion Ratio Lower Upper
91 100
92 58.3 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 24.380 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion: 75 Resp: 122919
Ion Ratio Lower Upper
75 100
77 29.7 22.5 41.7



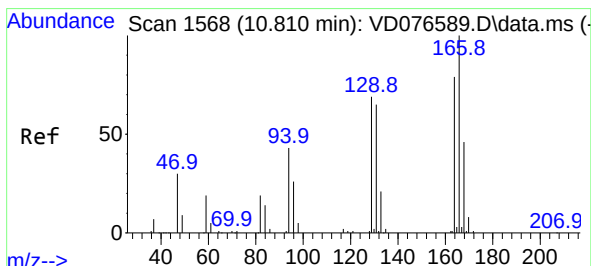
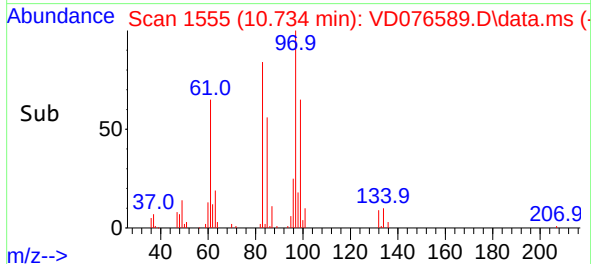
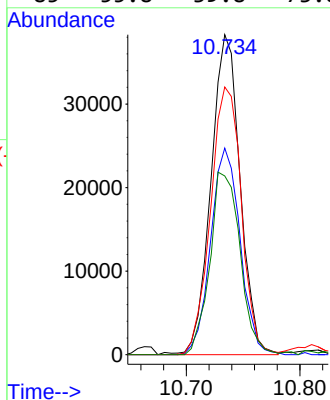
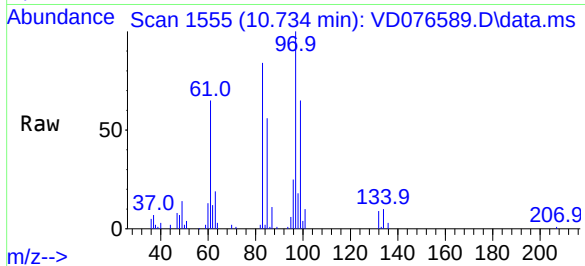


#45
1,1,2-Trichloroethane
Concen: 24.492 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

Tgt Ion: 97 Resp: 68241

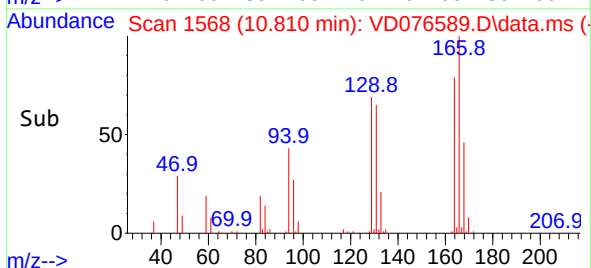
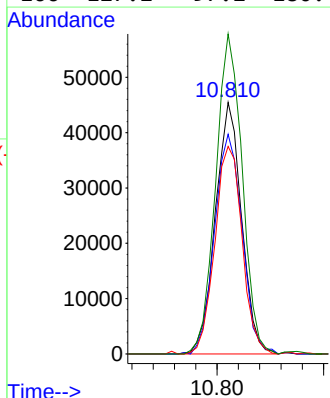
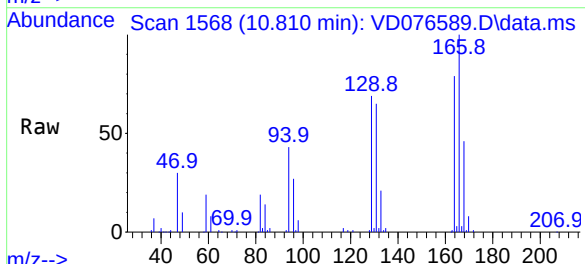
Ion	Ratio	Lower	Upper
97	100		
99	64.6	41.9	77.9
83	83.7	59.2	110.0
85	55.8	39.8	73.8

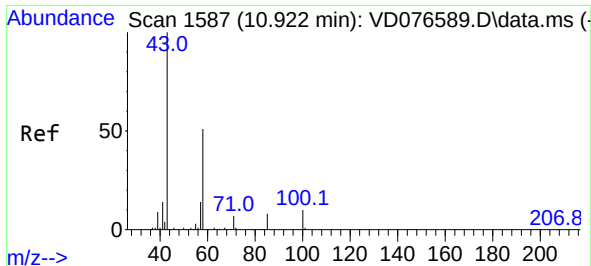


#46
Tetrachloroethene
Concen: 25.792 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion: 164 Resp: 77606

Ion	Ratio	Lower	Upper
164	100		
129	87.3	65.5	121.6
131	82.5	64.8	120.3
166	127.2	97.2	180.4



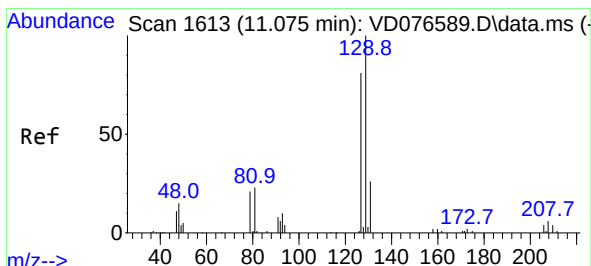
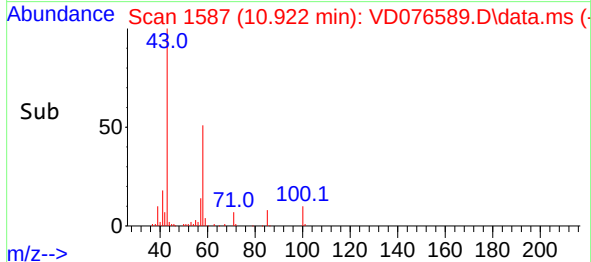
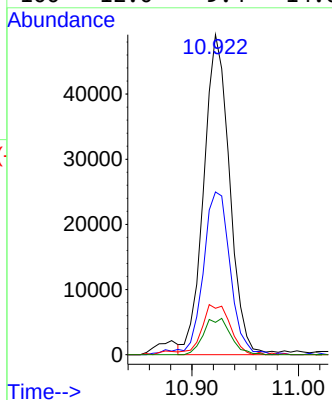
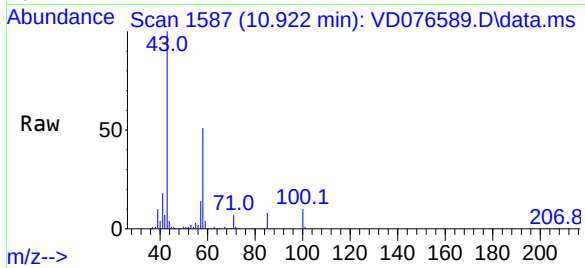


#48
2-Hexanone
Concen: 47.792 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

Tgt Ion: 43 Resp: 82713

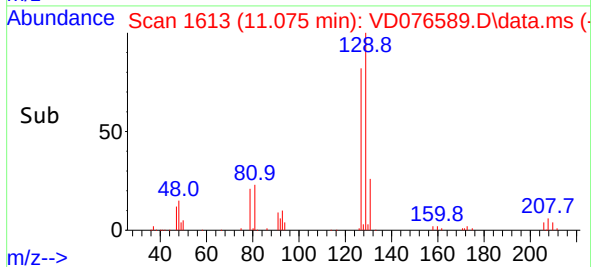
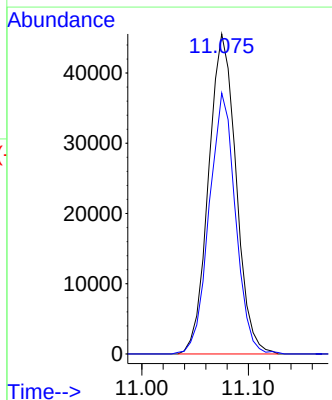
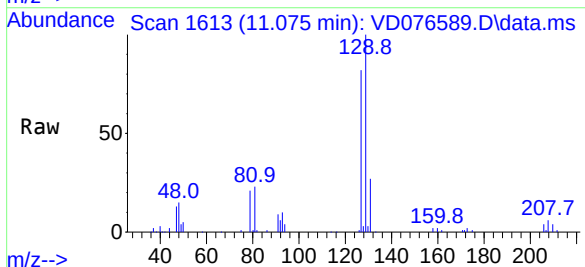
Ion	Ratio	Lower	Upper
43	100		
58	51.8	42.9	64.3
57	16.9	13.7	20.5
100	12.0	9.4	14.0

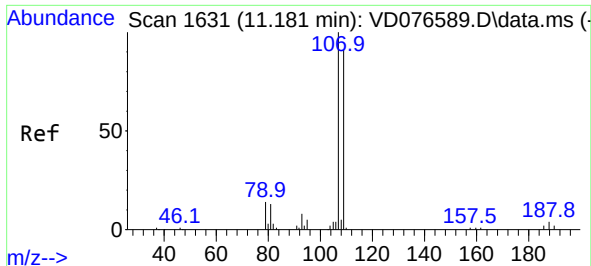


#49
Dibromochloromethane
Concen: 25.784 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion: 129 Resp: 81642

Ion	Ratio	Lower	Upper
129	100		
127	81.5	55.2	102.6



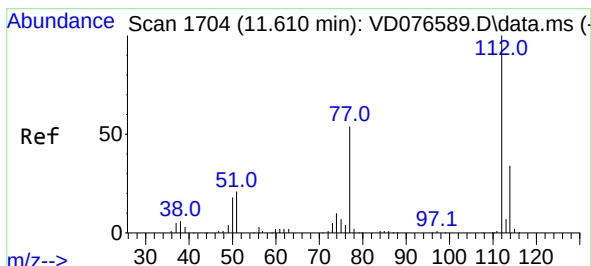
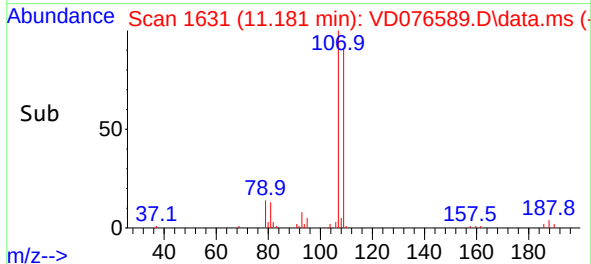
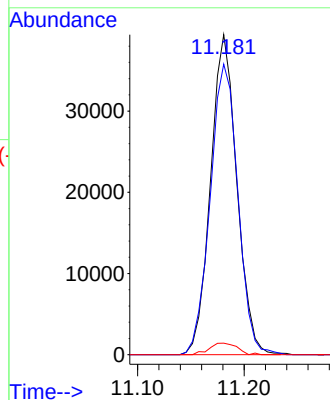
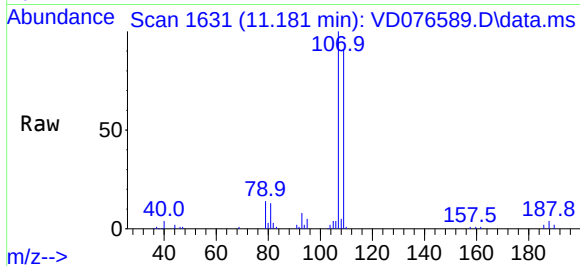


#50
1,2-Dibromoethane
Concen: 24.965 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

Tgt Ion:107 Resp: 67512

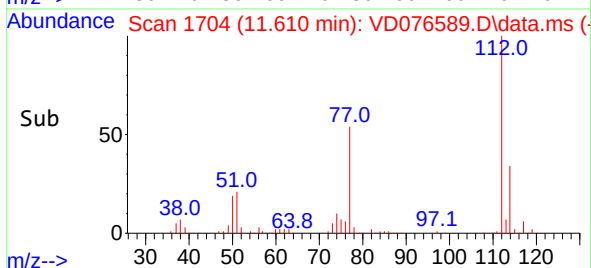
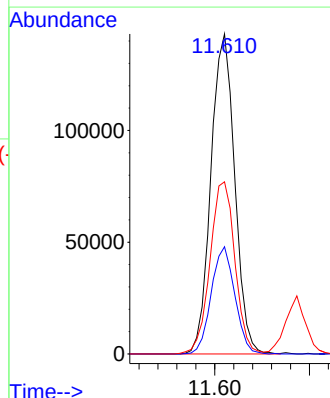
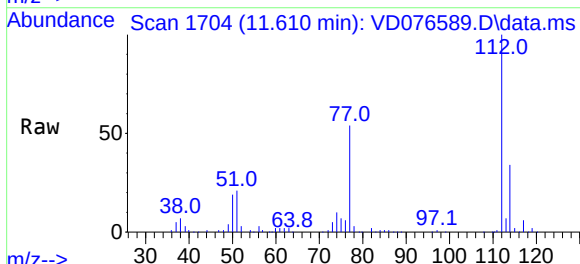
Ion	Ratio	Lower	Upper
107	100		
109	90.8	58.8	109.2
188	3.6	2.9	4.3

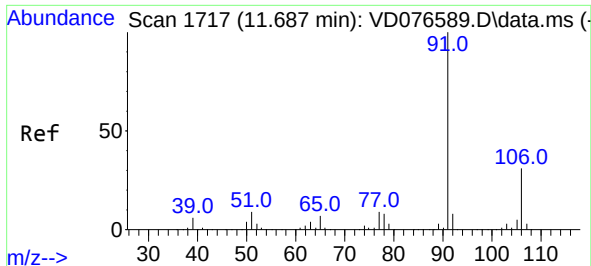


#51
Chlorobenzene
Concen: 25.109 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion:112 Resp: 249603

Ion	Ratio	Lower	Upper
112	100		
114	33.5	21.5	39.9
77	53.8	43.4	65.2

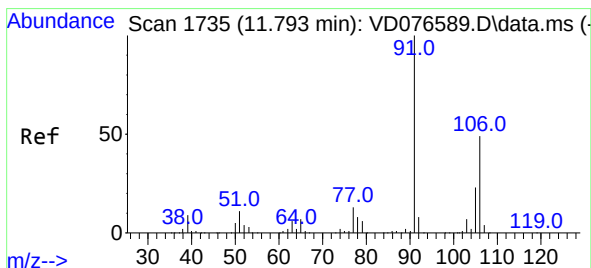
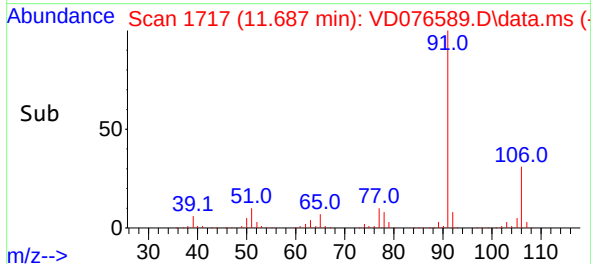
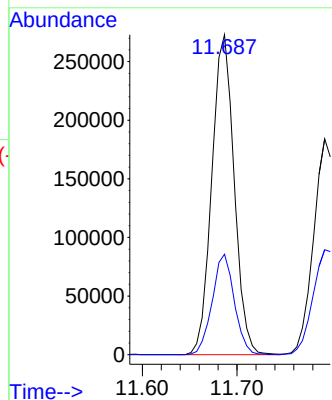
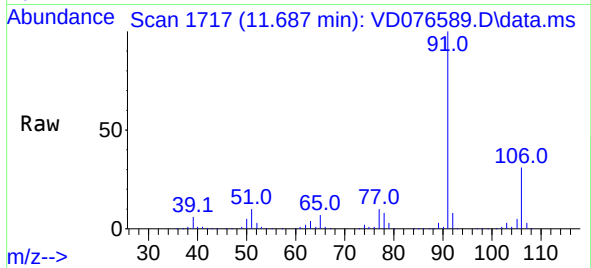




#52
Ethylbenzene
Concen: 26.076 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

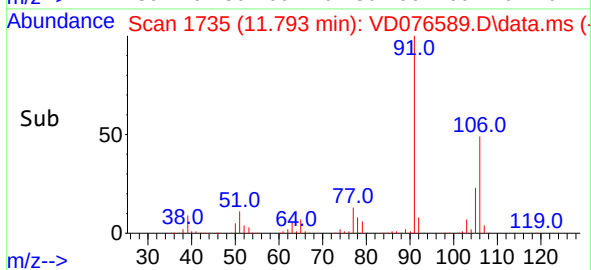
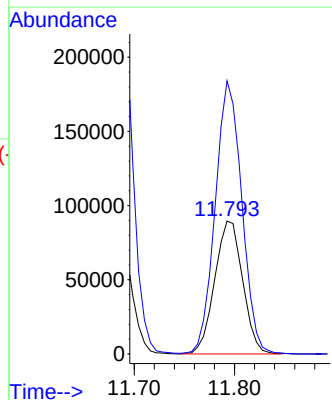
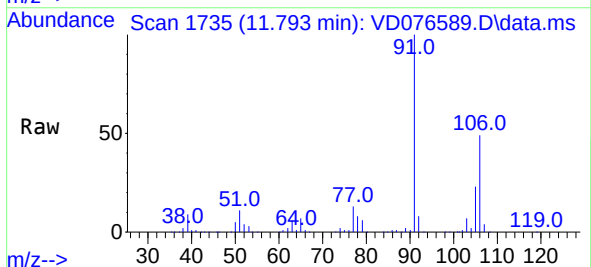
Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

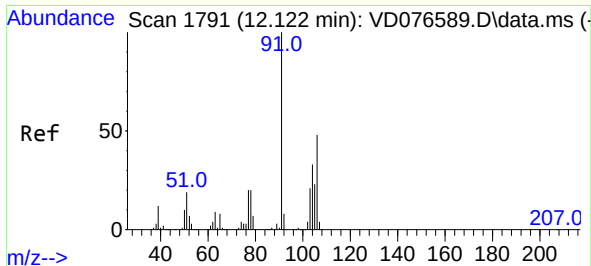
Tgt Ion: 91 Resp: 447513
Ion Ratio Lower Upper
91 100
106 31.4 22.4 41.6



#53
m,p-Xylene
Concen: 25.685 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion:106 Resp: 173231
Ion Ratio Lower Upper
106 100
91 205.5 141.5 262.9

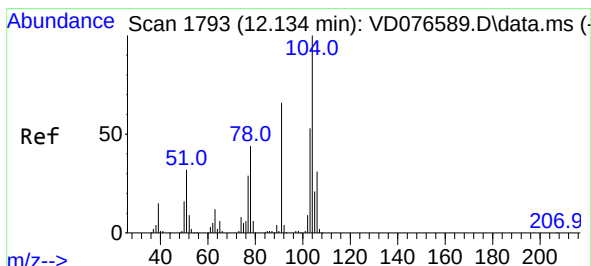
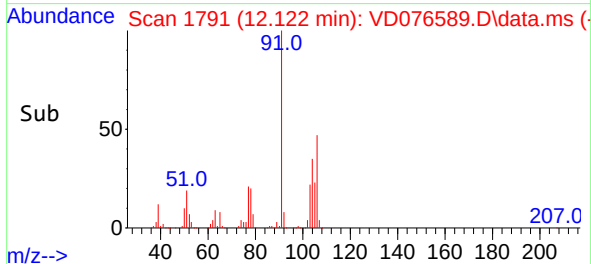
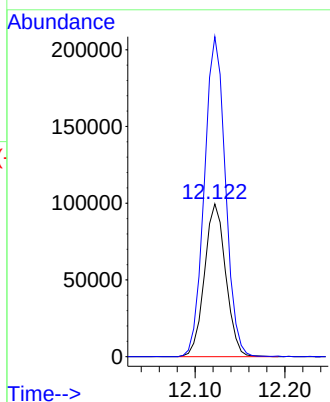
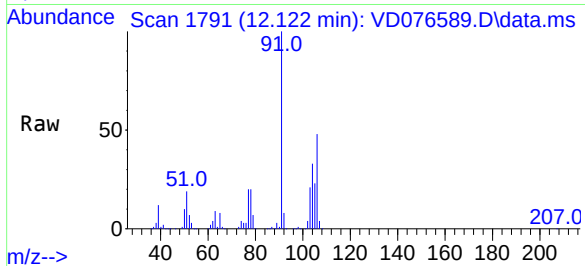




#54
o-Xylene
Concen: 25.494 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

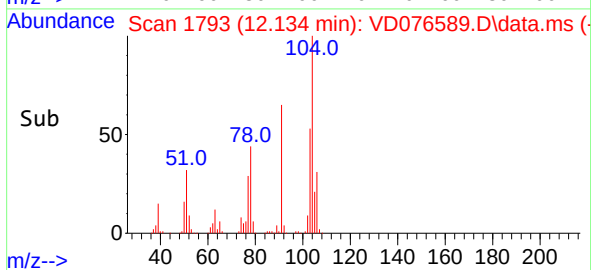
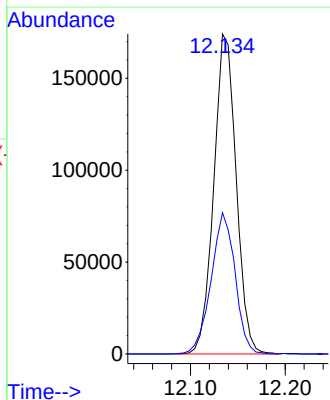
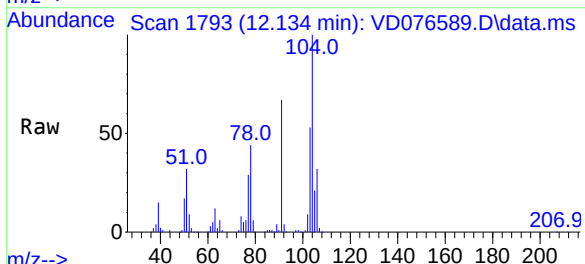
Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

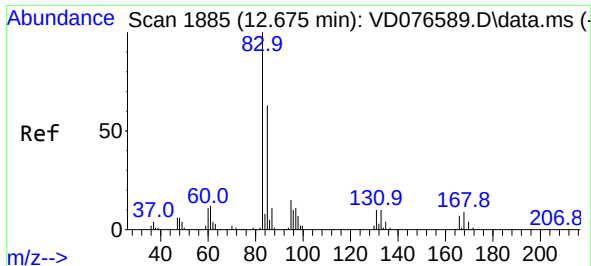
Tgt Ion:106 Resp: 163715
Ion Ratio Lower Upper
106 100
91 209.4 142.2 264.2



#55
Styrene
Concen: 25.810 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion:104 Resp: 286348
Ion Ratio Lower Upper
104 100
78 44.2 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 25.726 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD076589.D

Acq: 27 Jun 2023 12:30

Instrument :

MSVOA_D

ClientSampleId :

VSTD025160

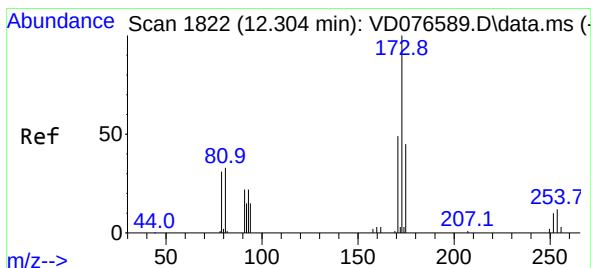
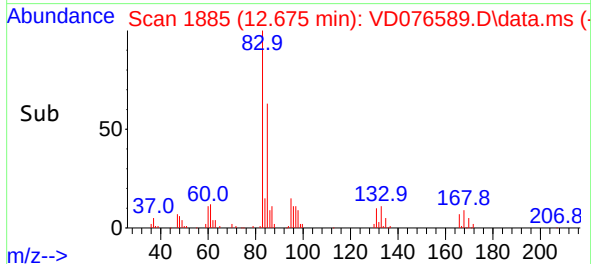
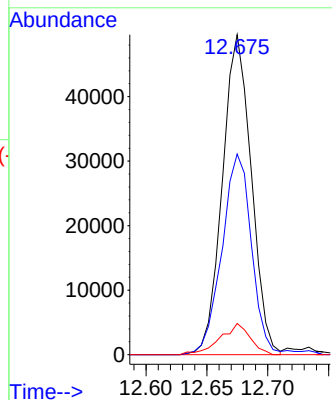
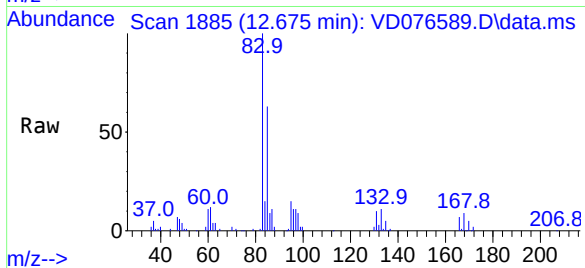
Tgt Ion: 83 Resp: 81919

Ion Ratio Lower Upper

83 100

85 62.7 46.3 86.1

131 9.8 7.0 10.4



#59

Bromoform

Concen: 25.070 ug/L

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD076589.D

Acq: 27 Jun 2023 12:30

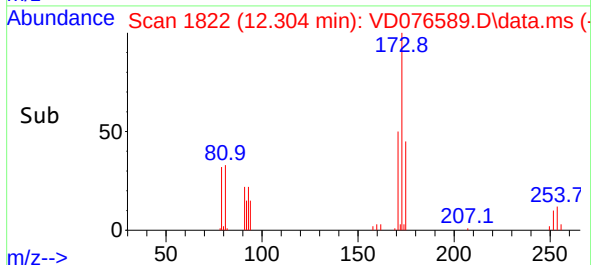
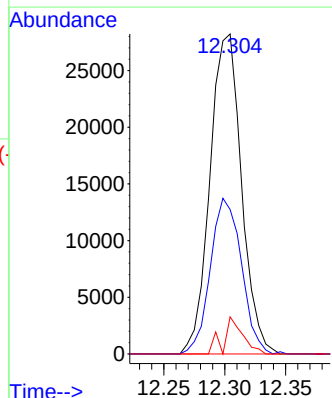
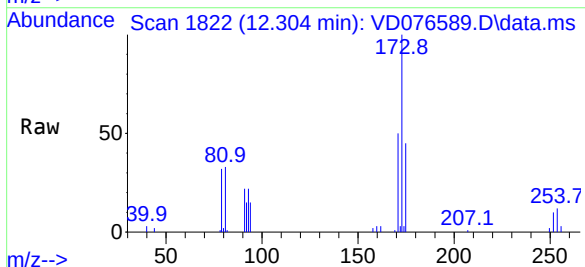
Tgt Ion:173 Resp: 50840

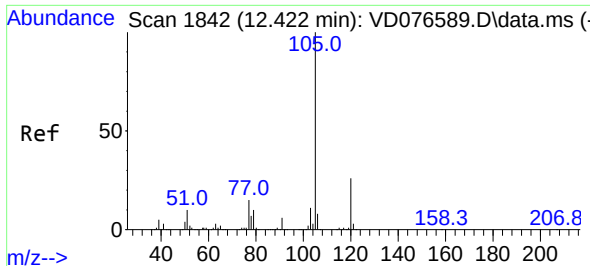
Ion Ratio Lower Upper

173 100

175 47.9 39.0 58.4

254 5.7 5.3 7.9



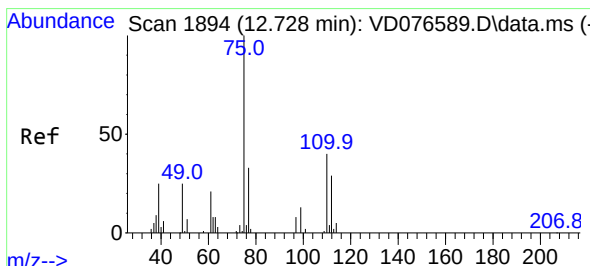
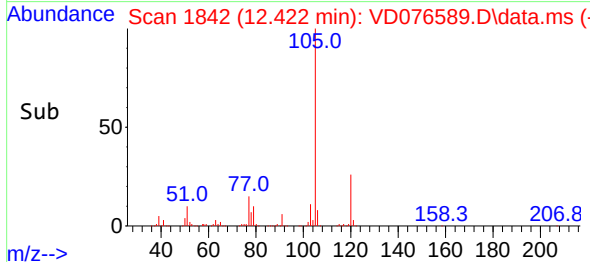
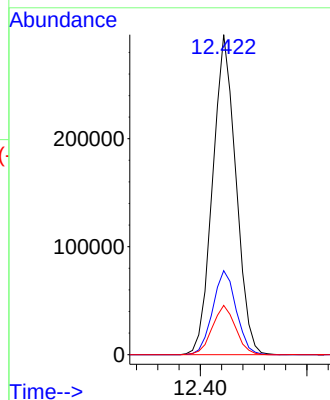
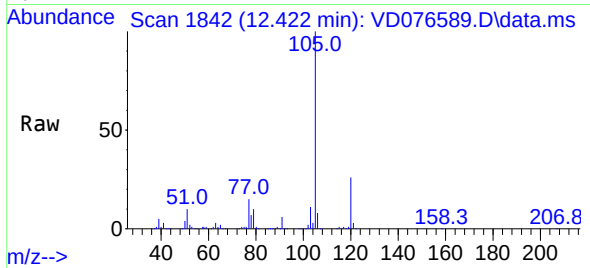


#60
Isopropylbenzene
Concen: 25.941 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

Tgt Ion:105 Resp: 449470

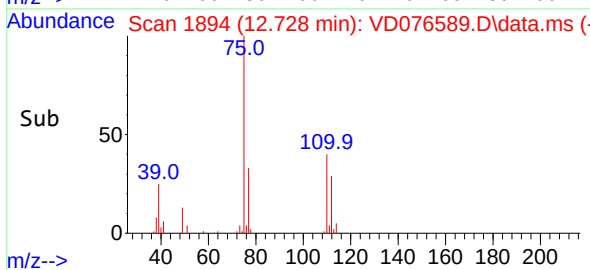
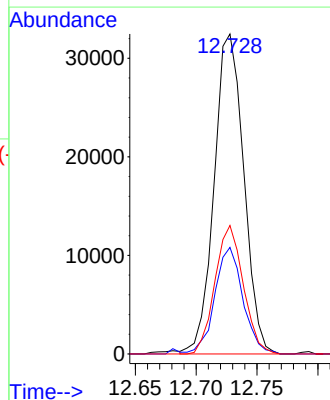
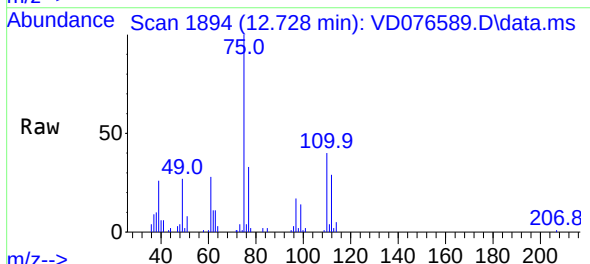
Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.3	31.9
77	15.4	12.2	18.4

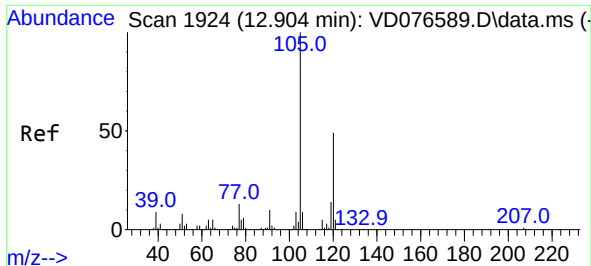


#61
1,2,3-Trichloropropane
Concen: 24.999 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion: 75 Resp: 54958

Ion	Ratio	Lower	Upper
75	100		
77	31.6	27.2	40.8
110	38.4	31.8	47.6

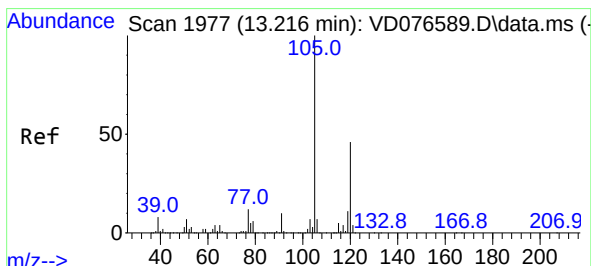
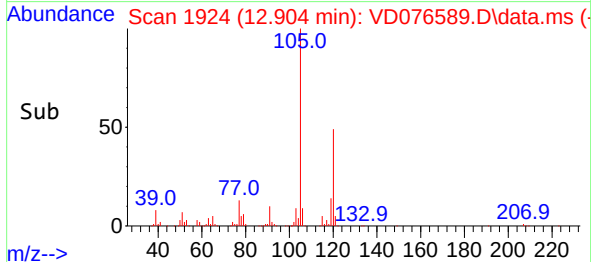
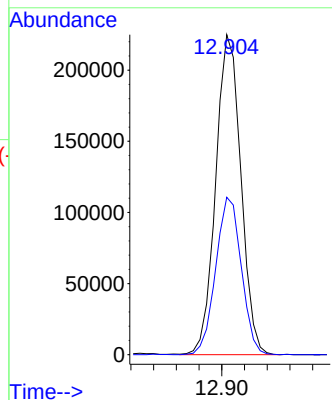
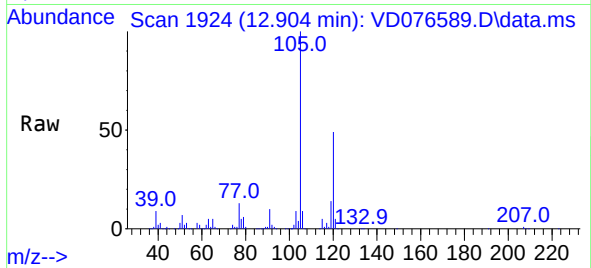




#62
1,3,5-Trimethylbenzene
Concen: 24.990 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

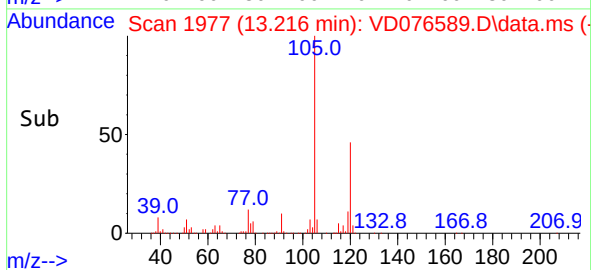
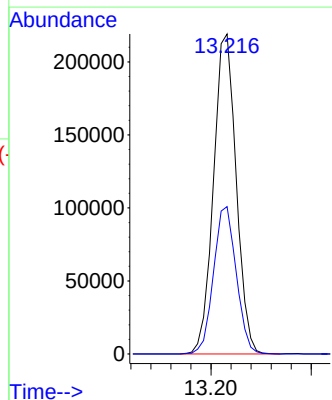
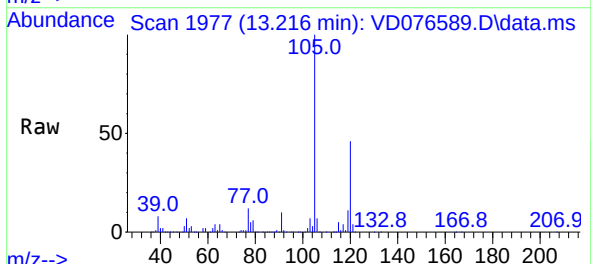
Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

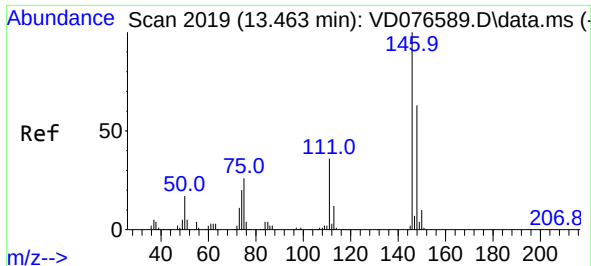
Tgt Ion:105 Resp: 346419
Ion Ratio Lower Upper
105 100
120 50.0 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 25.124 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion:105 Resp: 343679
Ion Ratio Lower Upper
105 100
120 46.1 37.5 56.3

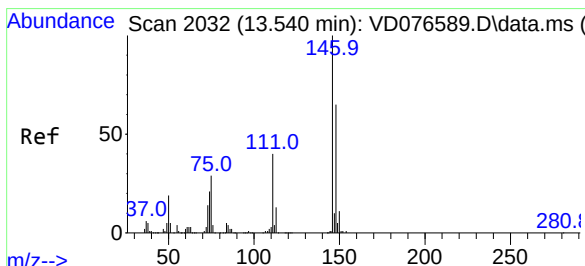
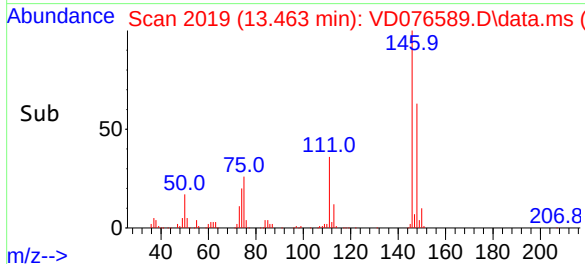
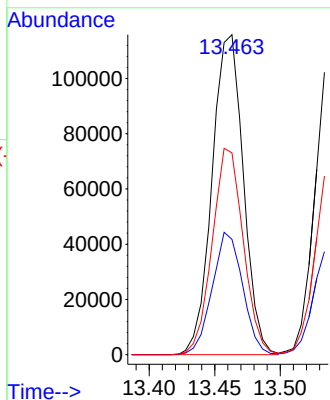
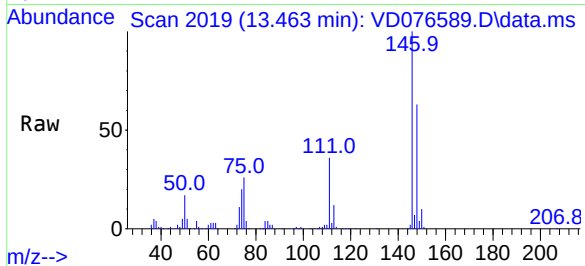




#64
1,3-Dichlorobenzene
Concen: 24.955 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

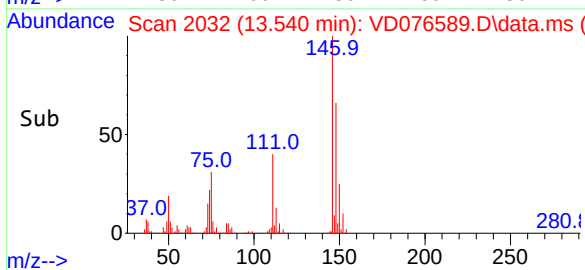
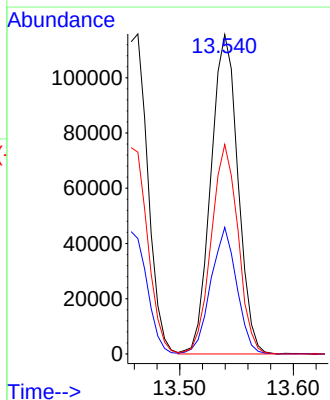
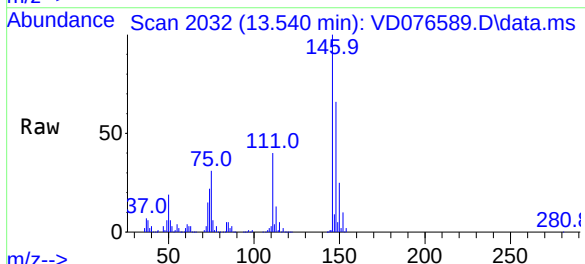
Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

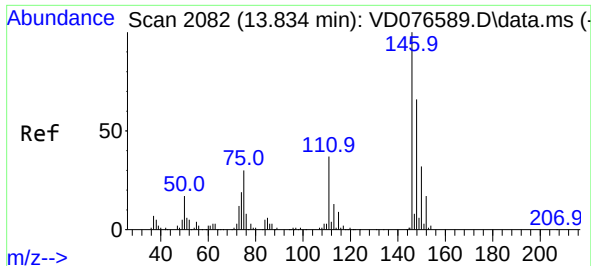
Tgt Ion:146 Resp: 192361
Ion Ratio Lower Upper
146 100
111 36.1 25.6 47.4
148 63.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 24.669 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion:146 Resp: 191680
Ion Ratio Lower Upper
146 100
111 39.6 25.7 47.7
148 65.6 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 24.355 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VD076589.D

Acq: 27 Jun 2023 12:30

Instrument :

MSVOA_D

ClientSampleId :

VSTD025160

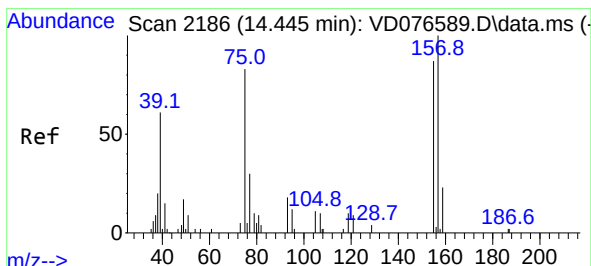
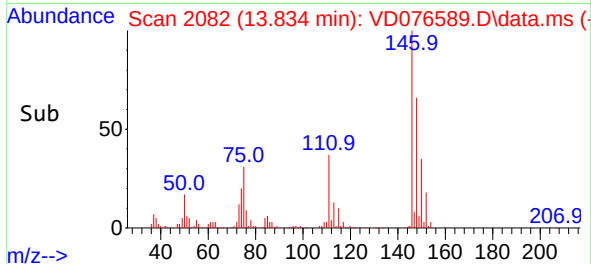
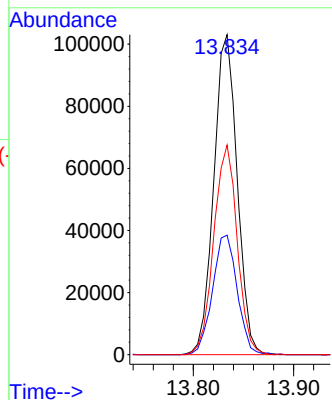
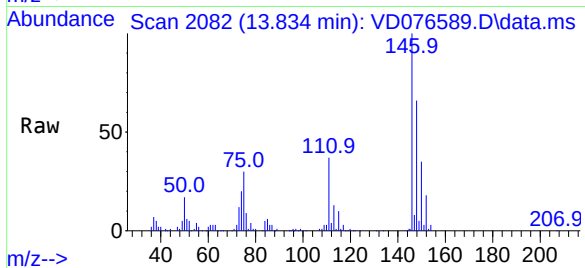
Tgt Ion:146 Resp: 167242

Ion Ratio Lower Upper

146 100

111 37.3 31.3 46.9

148 65.5 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 24.501 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD076589.D

Acq: 27 Jun 2023 12:30

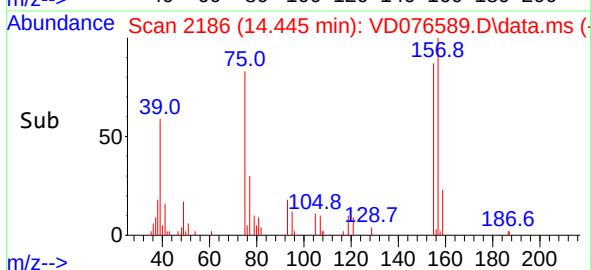
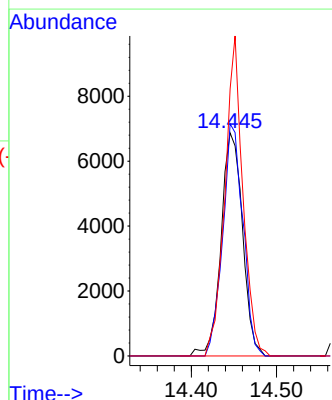
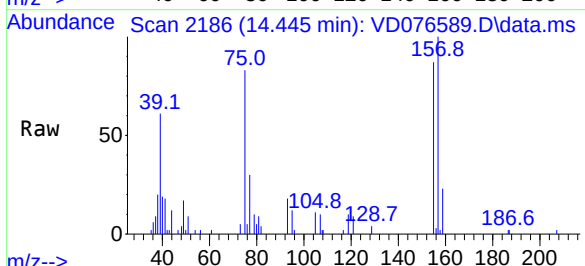
Tgt Ion: 75 Resp: 12004

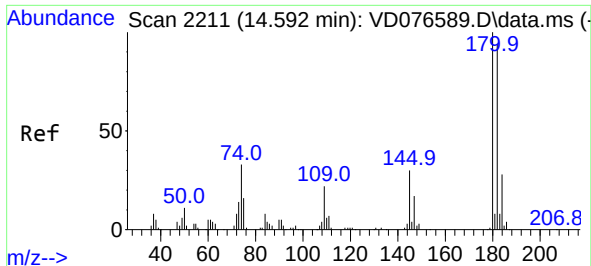
Ion Ratio Lower Upper

75 100

155 104.1 76.2 114.4

157 122.6 89.4 134.2



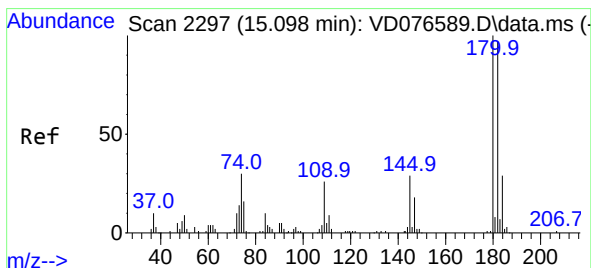
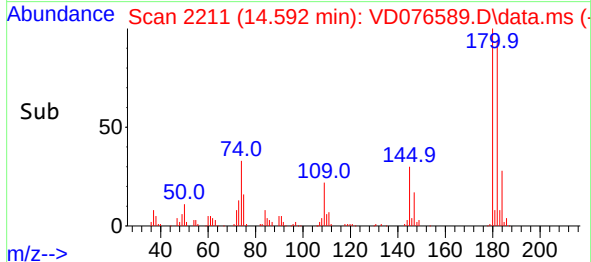
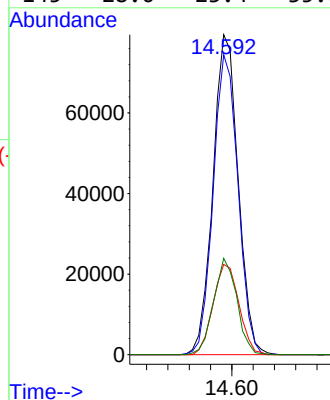
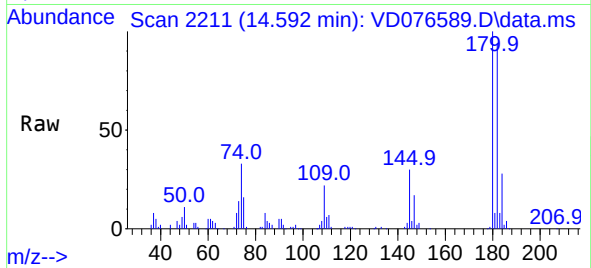


#69
1,3,5-Trichlorobenzene
Concen: 25.327 ug/L
RT: 14.592 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

Tgt Ion:180 Resp: 130219

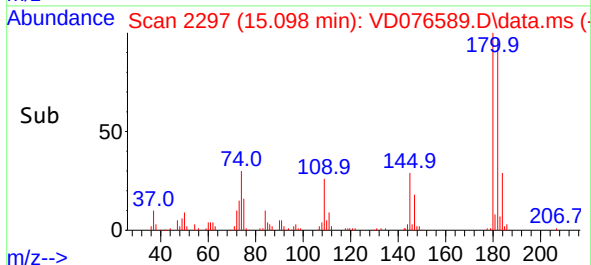
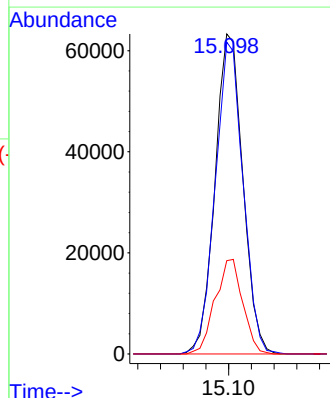
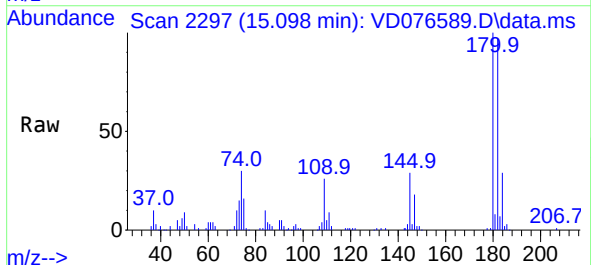
Ion	Ratio	Lower	Upper
180	100		
182	92.1	77.1	115.7
184	29.0	25.0	37.4
145	28.0	23.4	35.0

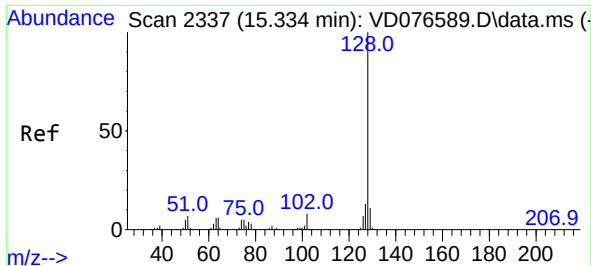


#70
1,2,4-trichlorobenzene
Concen: 23.531 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion:180 Resp: 107646

Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.9	115.3
145	29.2	23.5	35.3

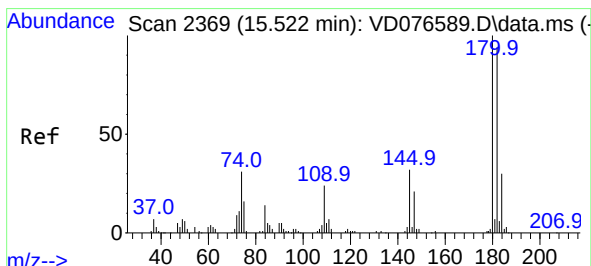
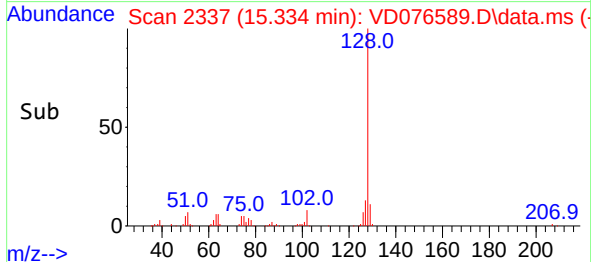
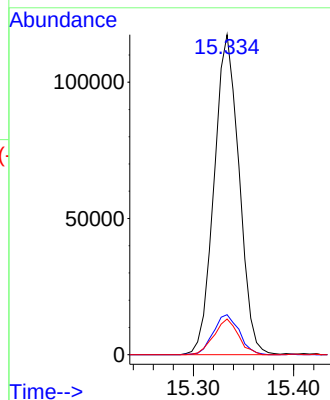
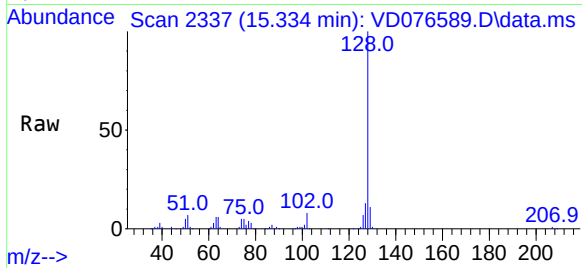




#71
Naphthalene
Concen: 23.131 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Instrument :
MSVOA_D
ClientSampleId :
VSTD025160

Tgt Ion:128 Resp: 202593
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 23.323 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076589.D
Acq: 27 Jun 2023 12:30

Tgt Ion:180 Resp: 92654
Ion Ratio Lower Upper
180 100
182 96.8 74.3 111.5
145 31.8 25.0 37.6

