

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
 Data File : VD076608.D
 Acq On : 28 Jun 2023 10:03
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025162

Quant Time: Jun 29 01:29:20 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	233458	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	210067	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	101989	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	132672	23.336	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.360%
7) Chloroethane-d5	2.799	69	107966	23.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.960%
11) 1,1-Dichloroethene-d2	3.911	65	38632	26.031	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.120%
21) 2-Butanone-d5	6.987	46	43138	50.100	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.200%
24) Chloroform-d	7.563	84	157874	25.668	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.680%
26) 1,2-Dichloroethane-d4	8.228	65	80832	26.640	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.560%
32) Benzene-d6	8.205	84	321479	25.017	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.080%
36) 1,2-Dichloropropane-d6	9.210	67	100898	24.599	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.400%
41) Toluene-d8	10.269	98	305265	25.656	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.640%
43) trans-1,3-Dichloroprop...	10.522	79	42016	24.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.520%
47) 2-Hexanone-d5	10.875	63	30950	48.609	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.220%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	78392	26.863	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.440%
66) 1,2-Dichlorobenzene-d4	13.816	152	96978	25.942	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.760%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	100136	27.526	ug/L	99
3) Chloromethane	2.146	50	146631	24.246	ug/L	98
5) Vinyl chloride	2.281	62	160240	24.562	ug/L	92
6) Bromomethane	2.693	94	88436	24.474	ug/L	99
8) Chloroethane	2.834	64	97332	24.356	ug/L	96
9) Trichlorofluoromethane	3.175	101	137078	29.060	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	87992	28.758	ug/L	98
12) 1,1-Dichloroethene	3.934	96	81557	26.917	ug/L	91
13) Acetone	4.022	43	33032	47.497	ug/L	100
14) Carbon disulfide	4.269	76	287531	26.179	ug/L	98
15) Methyl Acetate	4.552	43	38047	23.965	ug/L #	75
16) Methylene chloride	4.799	84	90335	22.262	ug/L	93
17) trans-1,2-Dichloroethene	5.305	96	87993	26.049	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	186671	24.273	ug/L #	73
19) 1,1-Dichloroethane	6.111	63	158587	25.679	ug/L	89
20) cis-1,2-Dichloroethene	7.081	96	95811	25.397	ug/L	98
22) 2-Butanone	7.087	43	54226	48.316	ug/L	100
23) Bromochloromethane	7.428	128	42488	26.536	ug/L	91
25) Chloroform	7.593	83	158228	26.253	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
 Data File : VD076608.D
 Acq On : 28 Jun 2023 10:03
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025162

Quant Time: Jun 29 01:29:20 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

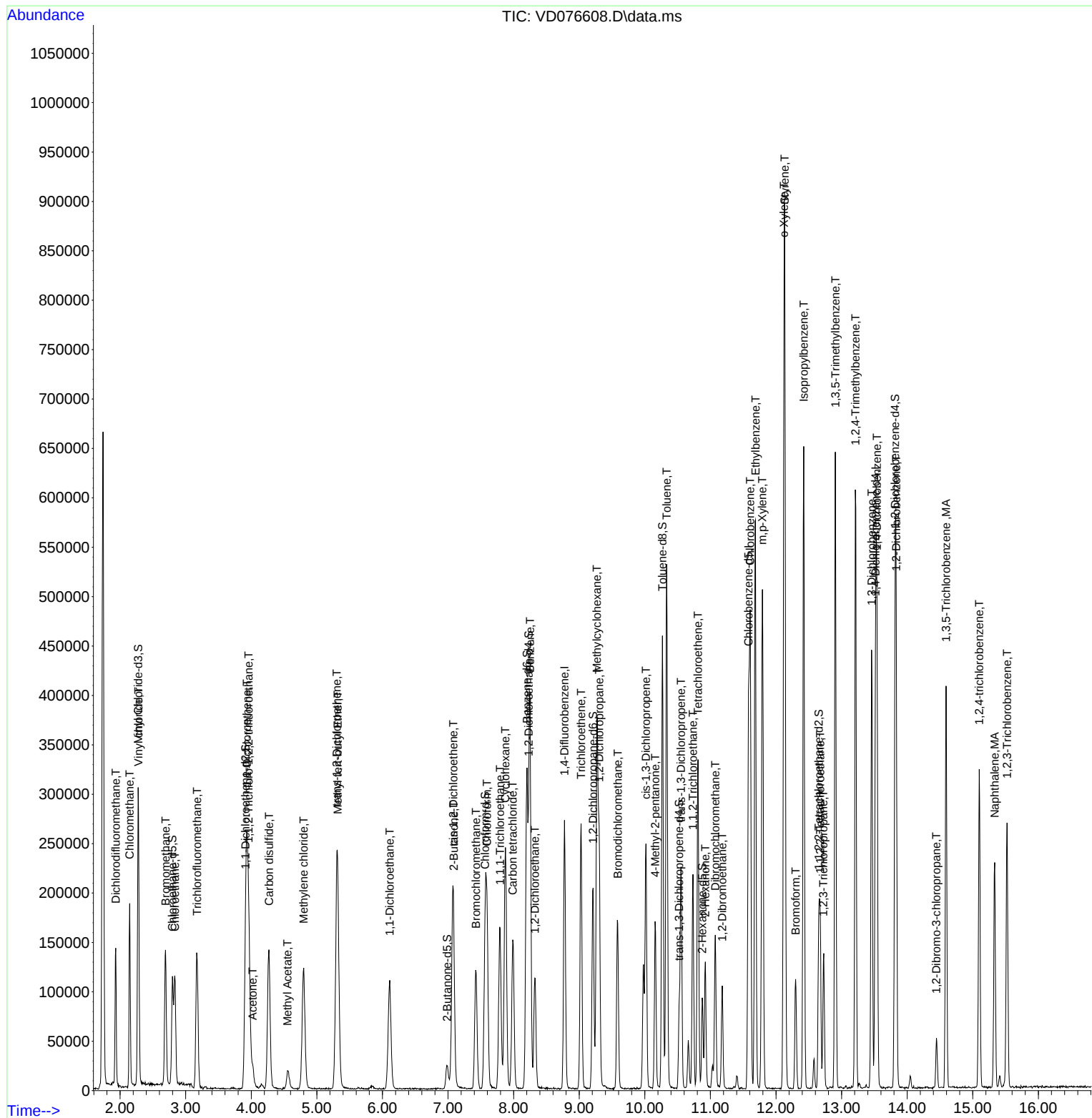
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	99283	26.786	ug/L	97
29) Cyclohexane	7.875	56	140262	25.109	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	131870	27.022	ug/L	99
31) Carbon tetrachloride	7.987	117	113461	29.071	ug/L	99
33) Benzene	8.252	78	358958	25.819	ug/L	100
34) Trichloroethene	9.028	95	92943	26.024	ug/L	93
35) Methylcyclohexane	9.269	83	154507	26.828	ug/L	98
37) 1,2-Dichloropropane	9.305	63	95706	25.249	ug/L	99
38) Bromodichloromethane	9.587	83	113677	26.294	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	148022	25.574	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	115040	48.787	ug/L	99
42) Toluene	10.334	91	383836	25.835	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	121262	25.775	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	66041	25.401	ug/L	99
46) Tetrachloroethene	10.810	164	74074	26.382	ug/L	90
48) 2-Hexanone	10.922	43	83448	51.672	ug/L	99
49) Dibromochloromethane	11.075	129	77745	26.313	ug/L	97
50) 1,2-Dibromoethane	11.181	107	64144	25.419	ug/L	88
51) Chlorobenzene	11.604	112	237137	25.565	ug/L	93
52) Ethylbenzene	11.687	91	422523	26.385	ug/L	97
53) m,p-Xylene	11.793	106	159426	25.333	ug/L	99
54) o-Xylene	12.122	106	154731	25.822	ug/L	93
55) Styrene	12.134	104	271309	26.207	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	79800	26.857	ug/L	100
59) Bromoform	12.298	173	50115	27.449	ug/L #	96
60) Isopropylbenzene	12.422	105	414415	26.566	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	52532	26.540	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	327261	26.221	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	322582	26.192	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	179197	25.821	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	177447	25.365	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	161057	26.050	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	11700	26.524	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	118991	25.705	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	101762	24.707	ug/L	99
71) Naphthalene	15.334	128	192248	24.379	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	87470	24.455	ug/L	96

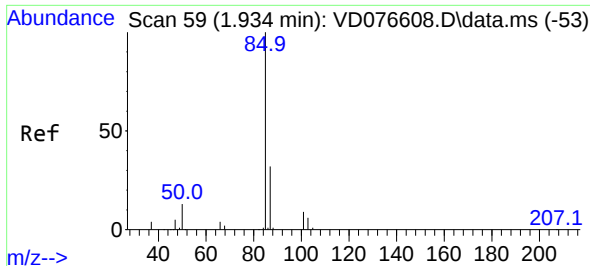
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
 Data File : VD076608.D
 Acq On : 28 Jun 2023 10:03
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025162

Quant Time: Jun 29 01:29:20 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

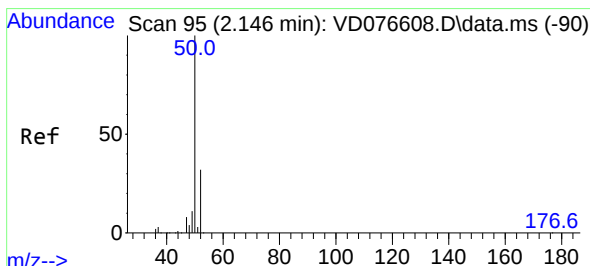
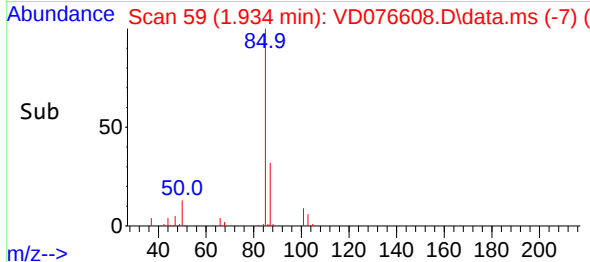
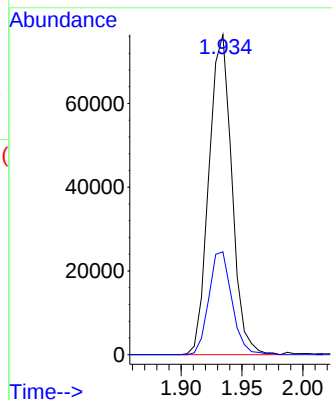
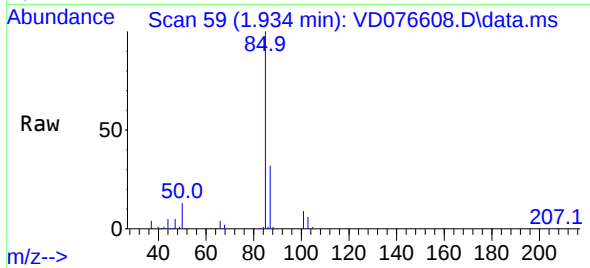




#2
Dichlorodifluoromethane
Concen: 27.526 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

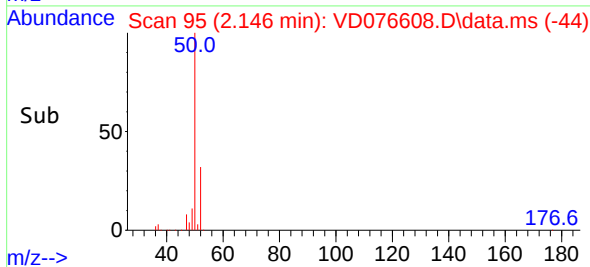
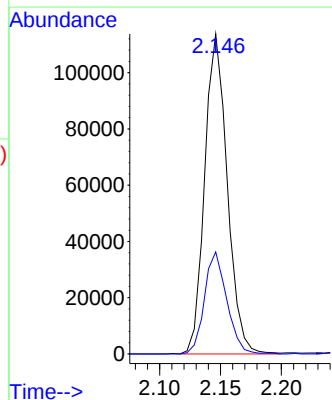
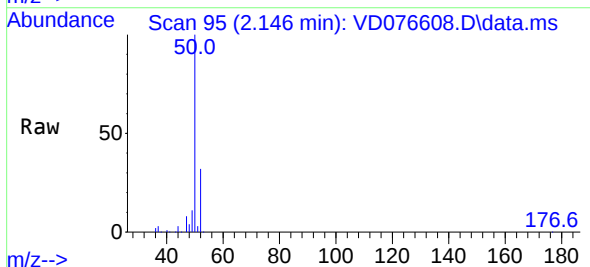
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

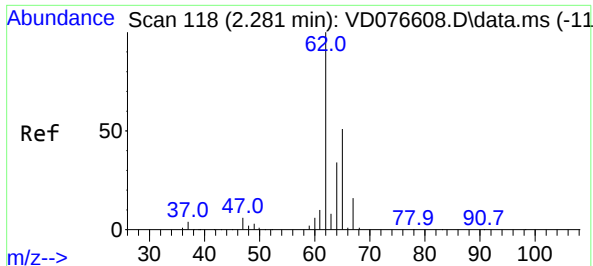
Tgt Ion: 85 Resp: 100136
Ion Ratio Lower Upper
85 100
87 32.4 26.3 39.5



#3
Chloromethane
Concen: 24.246 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion: 50 Resp: 146631
Ion Ratio Lower Upper
50 100
52 31.9 23.2 43.2

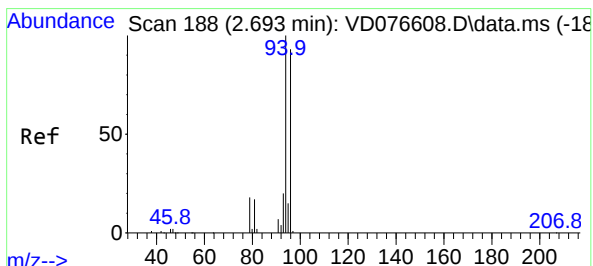
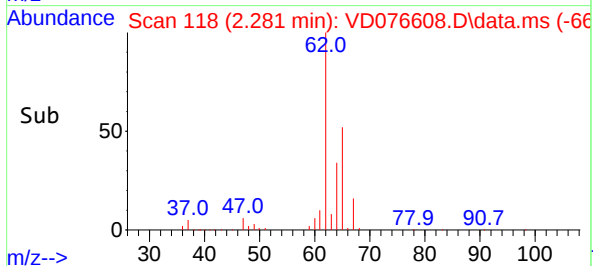
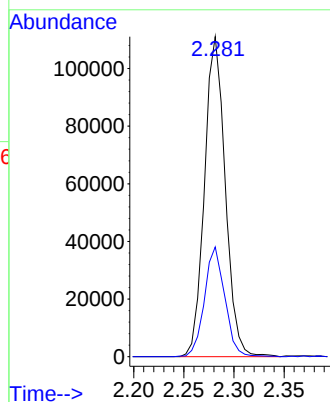
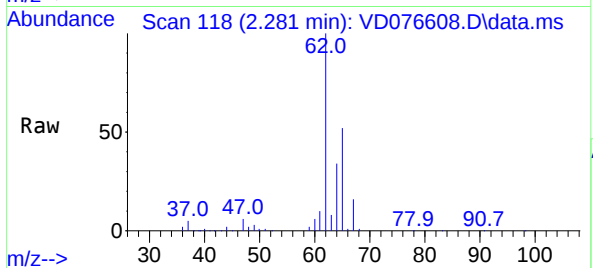




#5
 Vinyl chloride
 Concen: 24.562 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD076608.D
 Acq: 28 Jun 2023 10:03

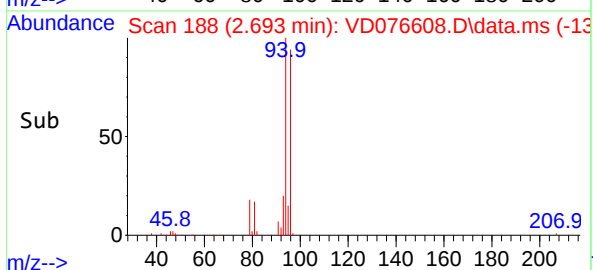
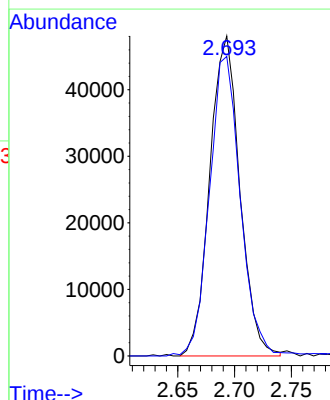
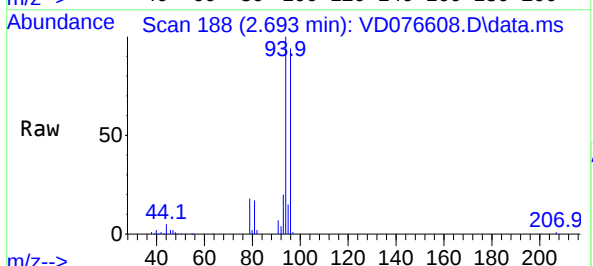
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025162

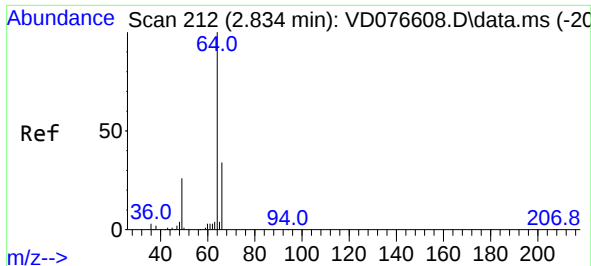
Tgt Ion: 62 Resp: 160240
 Ion Ratio Lower Upper
 62 100
 64 34.3 21.1 39.1



#6
 Bromomethane
 Concen: 24.474 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD076608.D
 Acq: 28 Jun 2023 10:03

Tgt Ion: 94 Resp: 88436
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.7 120.1

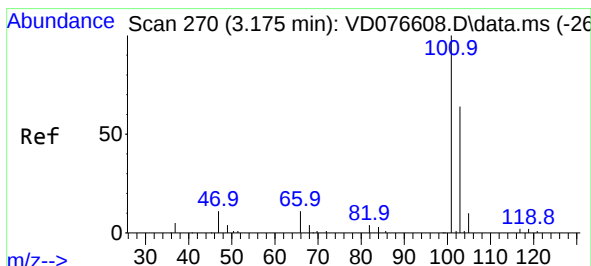
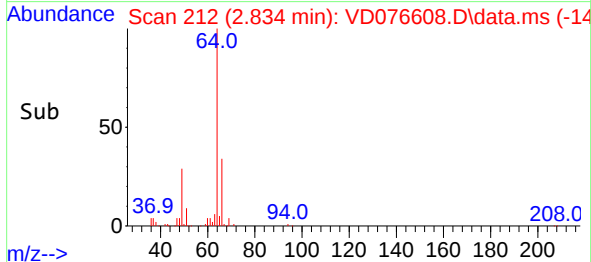
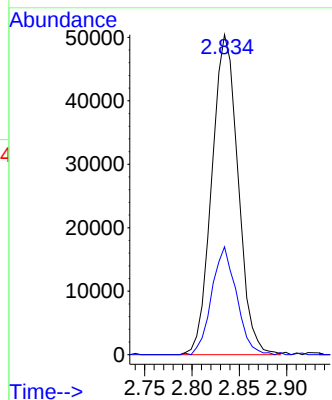
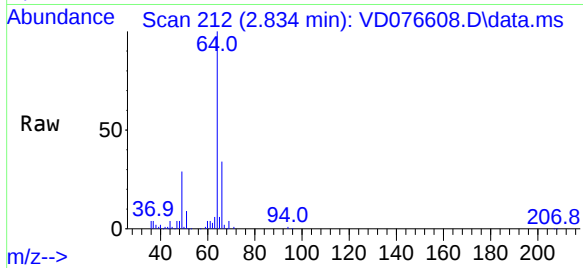




#8
Chloroethane
Concen: 24.356 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

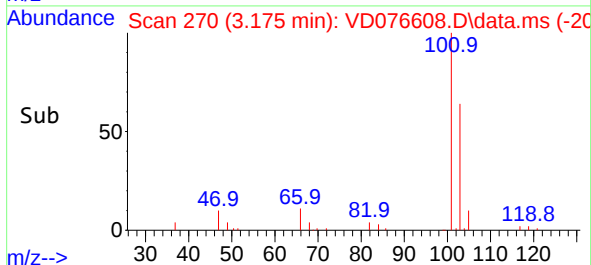
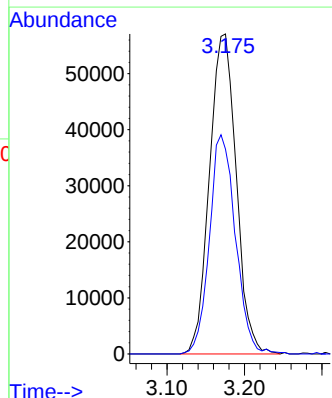
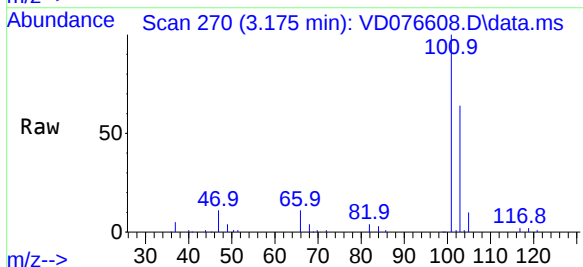
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

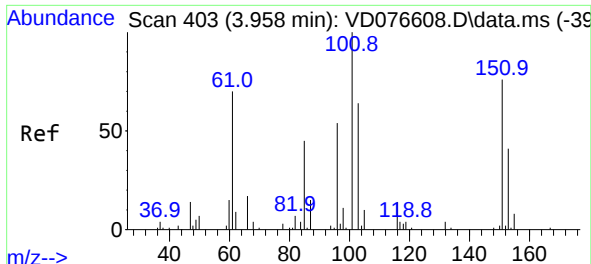
Tgt Ion: 64 Resp: 97332
Ion Ratio Lower Upper
64 100
66 33.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 29.060 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.006 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion:101 Resp: 137078
Ion Ratio Lower Upper
101 100
103 66.1 51.8 77.6

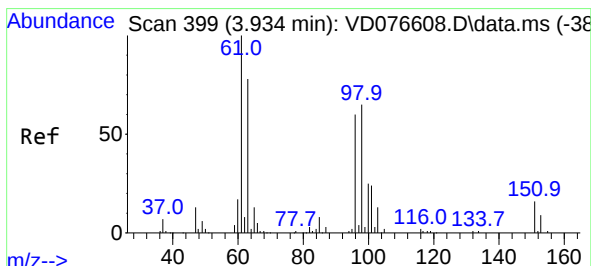
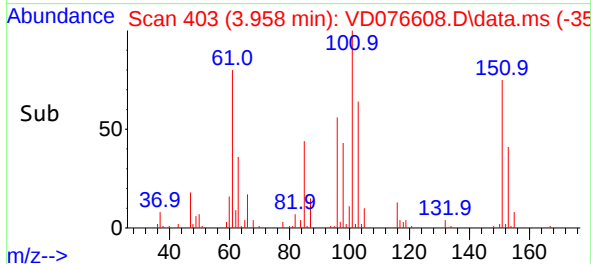
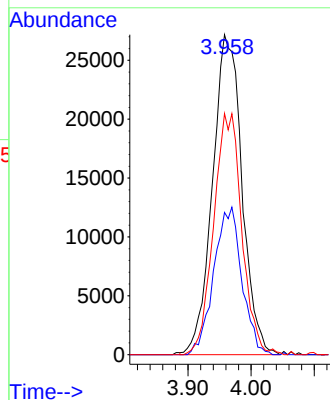
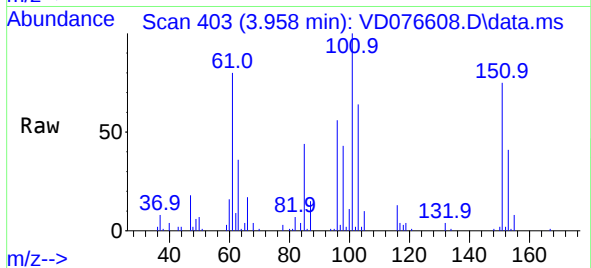




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 28.758 ug/L
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

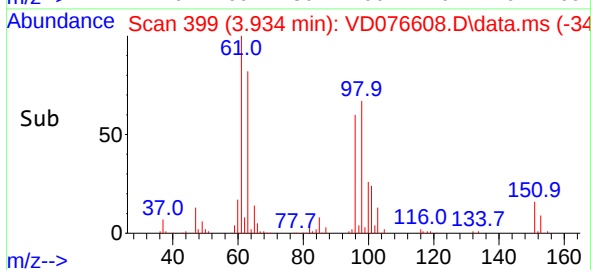
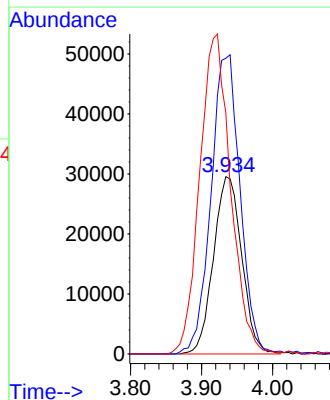
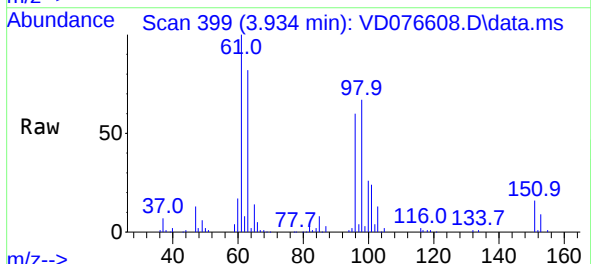
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

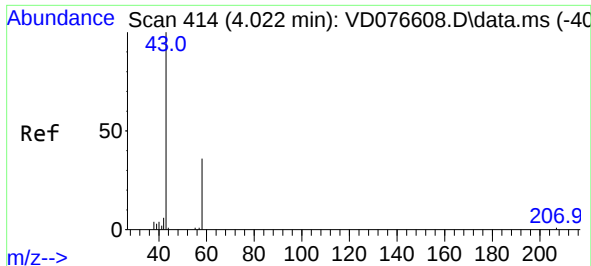
Tgt Ion:101 Resp: 87992
Ion Ratio Lower Upper
101 100
85 43.9 35.5 53.3
151 71.6 58.6 87.8



#12
1,1-Dichloroethene
Concen: 26.917 ug/L
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion: 96 Resp: 81557
Ion Ratio Lower Upper
96 100
61 166.8 113.0 209.8
63 136.2 83.6 155.2

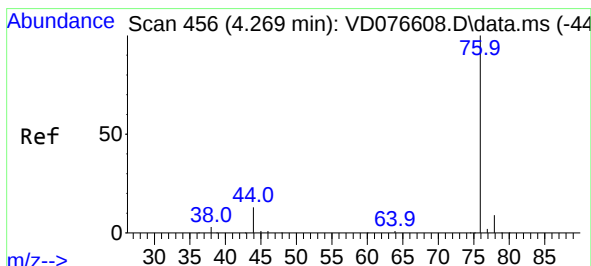
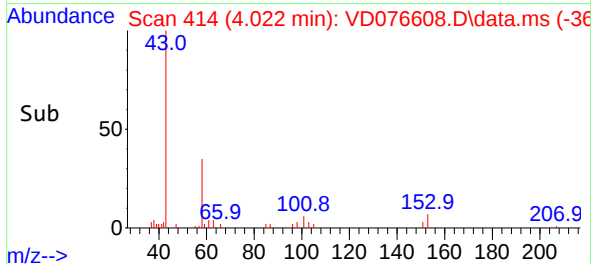
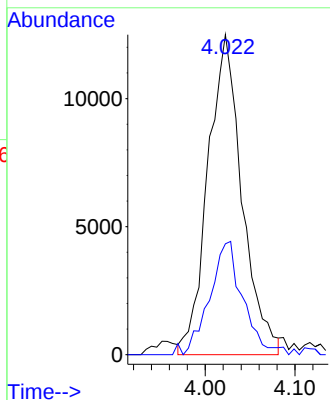
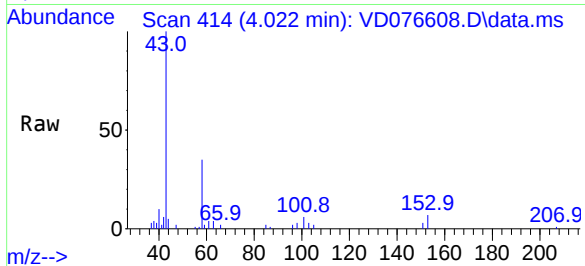




#13
Acetone
Concen: 47.497 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

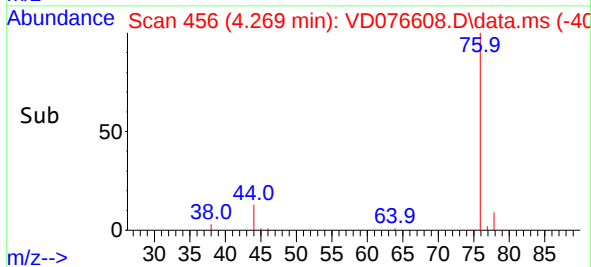
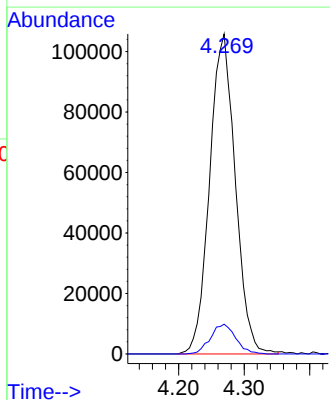
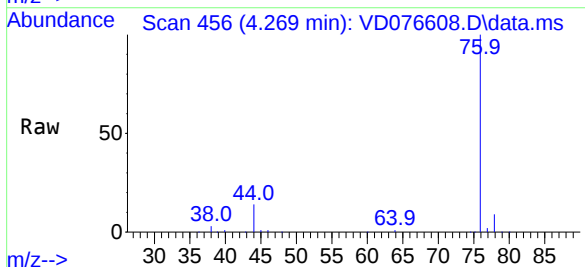
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

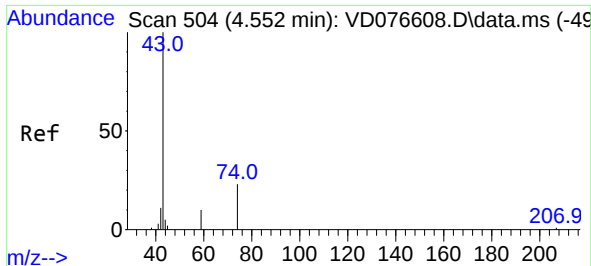
Tgt Ion: 43 Resp: 33032
Ion Ratio Lower Upper
43 100
58 33.6 0.0 67.4



#14
Carbon disulfide
Concen: 26.179 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.006 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion: 76 Resp: 287531
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

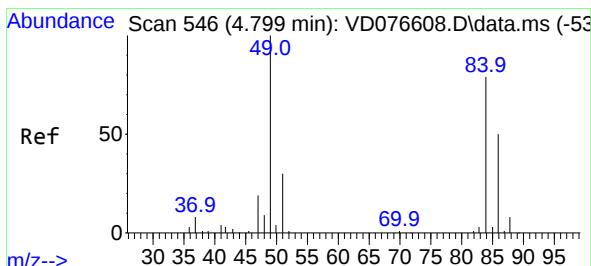
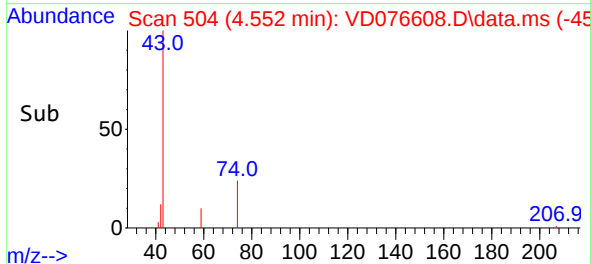
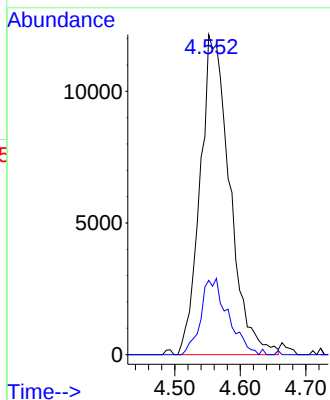
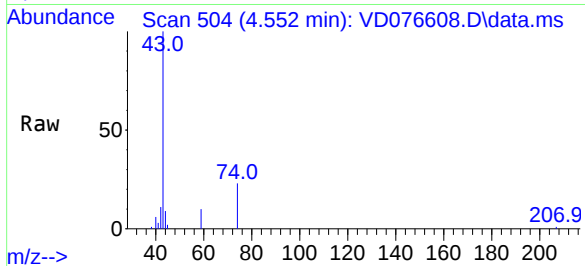




#15
Methyl Acetate
Concen: 23.965 ug/L
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

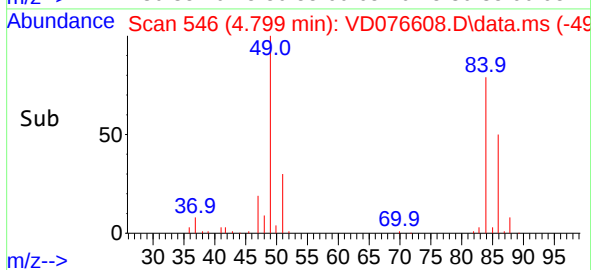
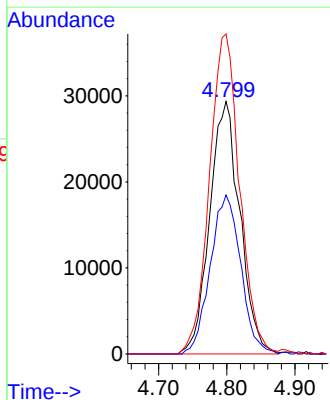
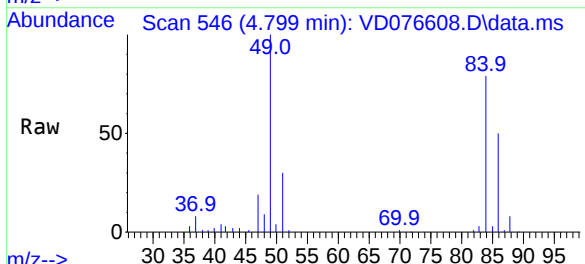
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

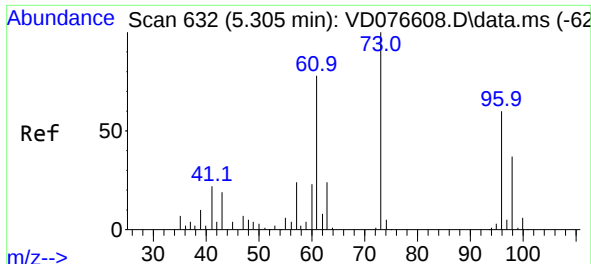
Tgt Ion: 43 Resp: 38047
Ion Ratio Lower Upper
43 100
74 10.5 18.2 27.2#



#16
Methylene chloride
Concen: 22.262 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion: 84 Resp: 90335
Ion Ratio Lower Upper
84 100
86 62.9 45.1 83.9
49 126.8 97.2 180.6

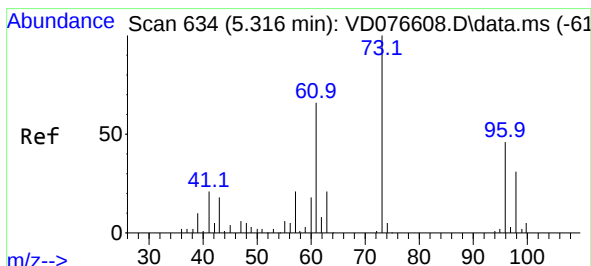
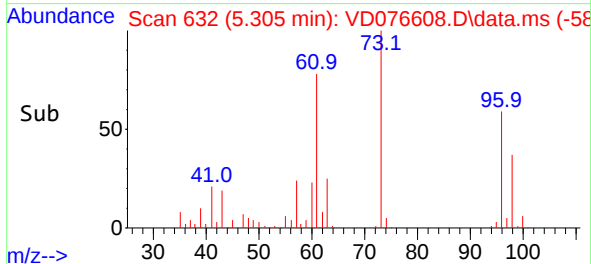
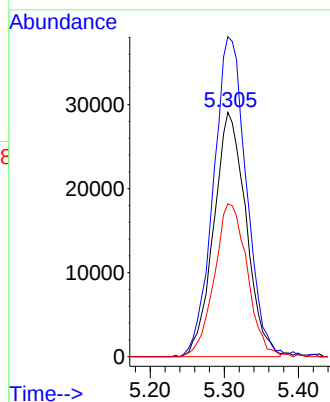
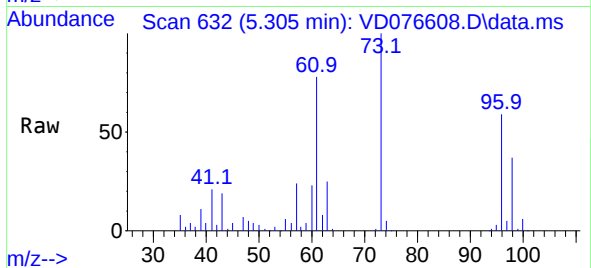




#17
trans-1,2-Dichloroethene
Concen: 26.049 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

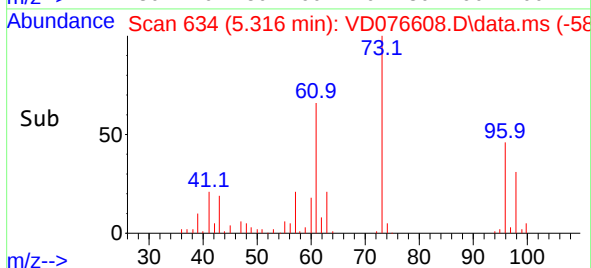
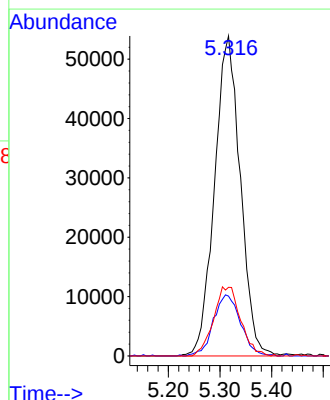
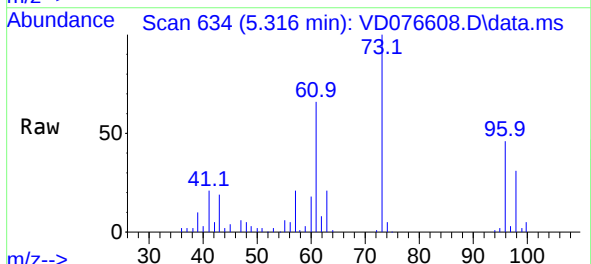
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

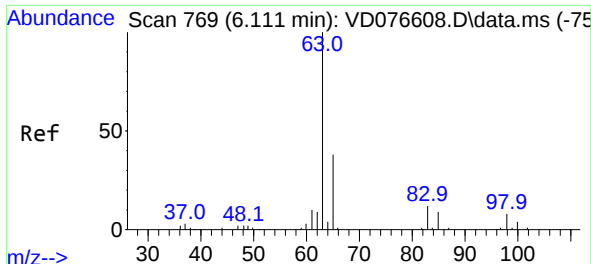
Tgt Ion: 96 Resp: 87993
Ion Ratio Lower Upper
96 100
61 130.9 94.5 175.5
98 62.5 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 24.273 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion: 73 Resp: 186671
Ion Ratio Lower Upper
73 100
43 20.0 7.2 10.8#
57 11.1 18.6 28.0#

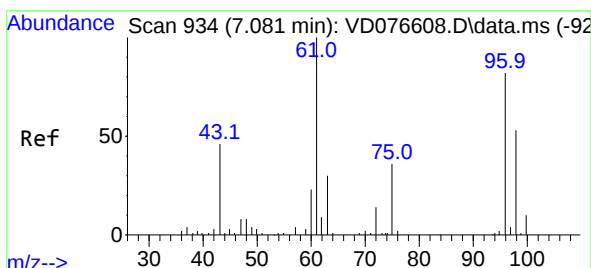
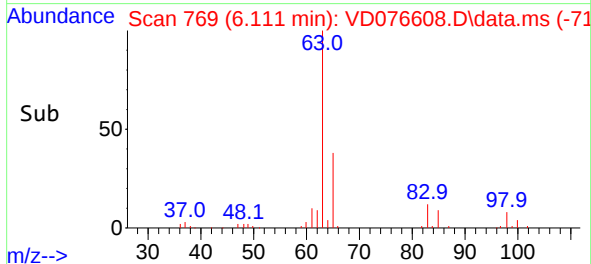
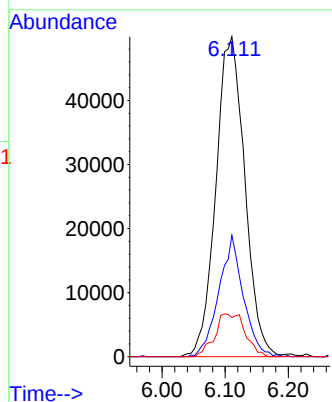
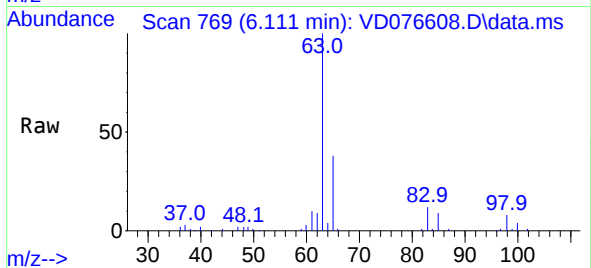




#19
1,1-Dichloroethane
Concen: 25.679 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.006 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

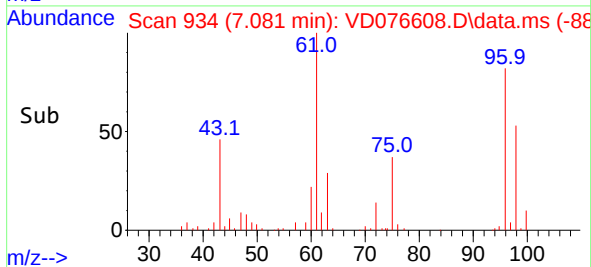
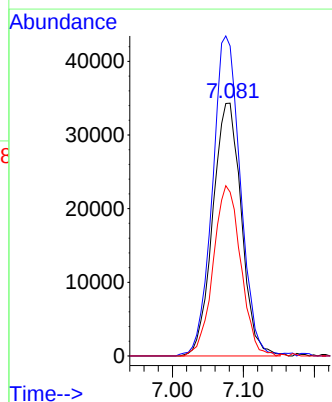
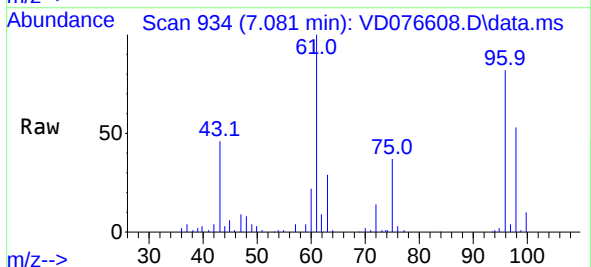
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

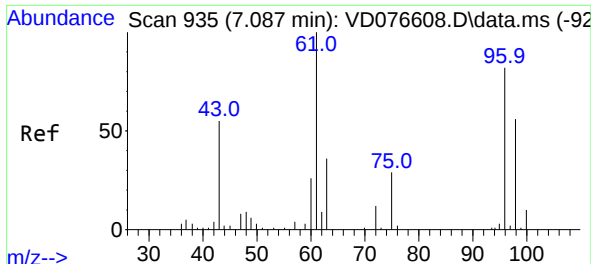
Tgt Ion: 63 Resp: 158587
Ion Ratio Lower Upper
63 100
65 37.9 20.8 38.6
83 12.3 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 25.397 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion: 96 Resp: 95811
Ion Ratio Lower Upper
96 100
61 122.6 86.0 159.6
98 64.8 42.2 78.4

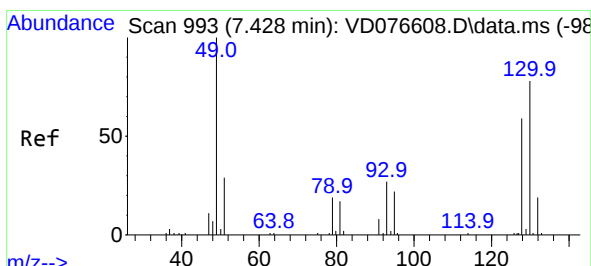
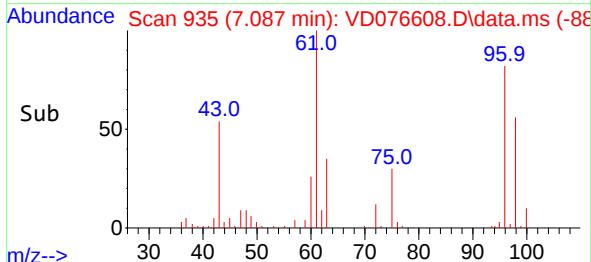
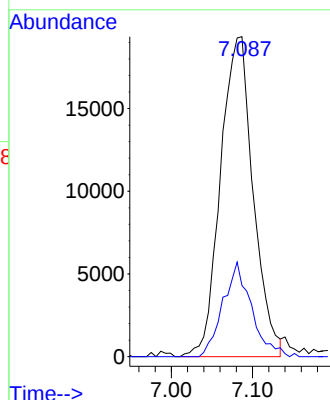
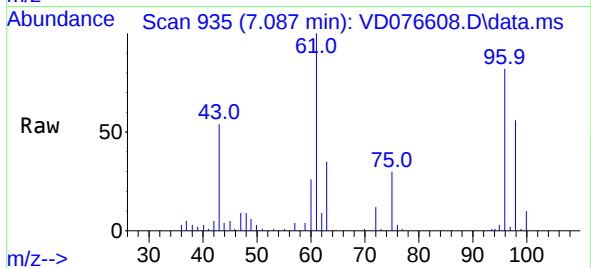




#22
2-Butanone
Concen: 48.316 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

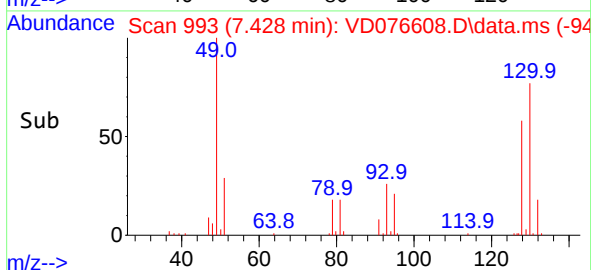
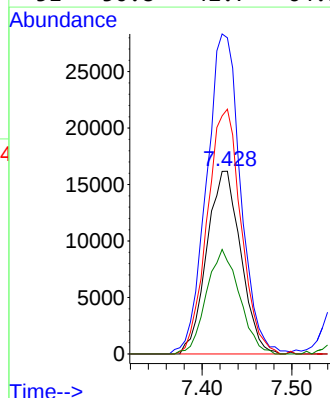
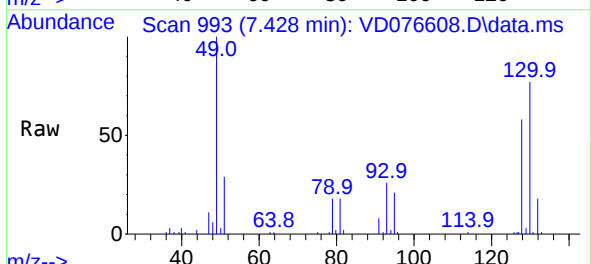
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

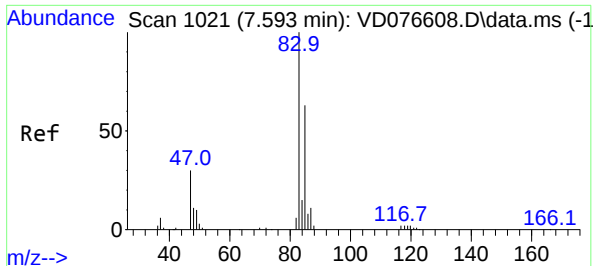
Tgt Ion: 43 Resp: 54226
Ion Ratio Lower Upper
43 100
72 25.6 12.9 38.7



#23
Bromochloromethane
Concen: 26.536 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion: 128 Resp: 42488
Ion Ratio Lower Upper
128 100
49 173.1 124.7 231.7
130 136.0 80.0 148.6
51 50.8 42.7 64.1

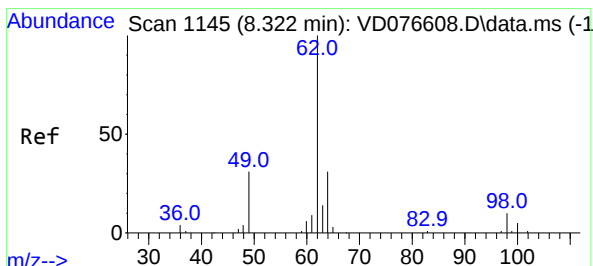
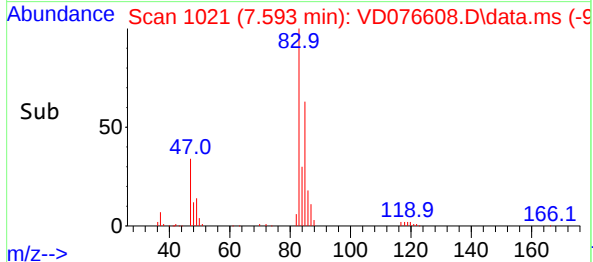
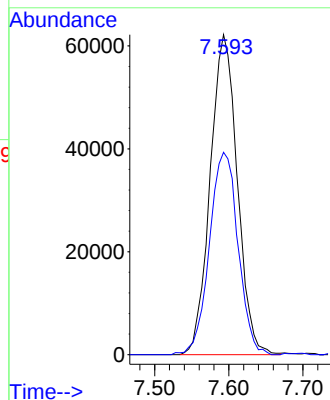
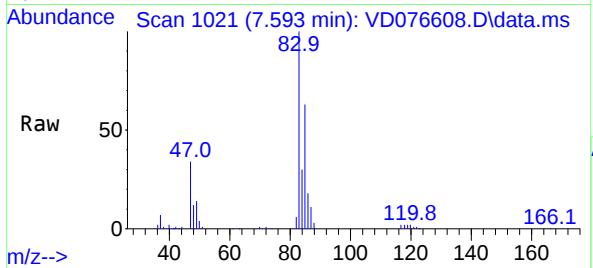




#25
Chloroform
Concen: 26.253 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

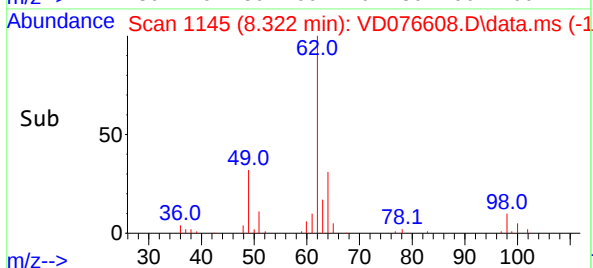
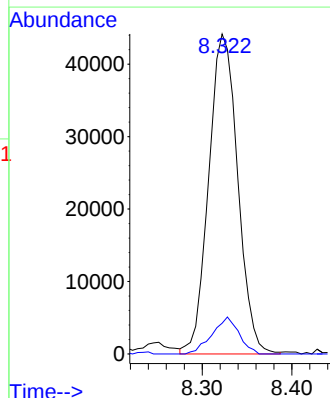
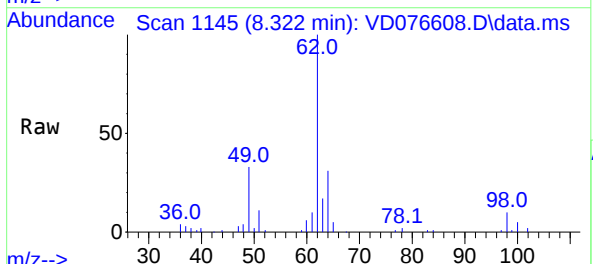
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

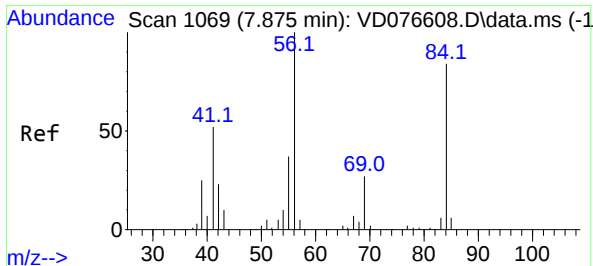
Tgt Ion: 83 Resp: 158228
Ion Ratio Lower Upper
83 100
85 63.3 45.4 84.4



#27
1,2-Dichloroethane
Concen: 26.786 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion: 62 Resp: 99283
Ion Ratio Lower Upper
62 100
98 9.6 8.7 13.1





#29

Cyclohexane

Concen: 25.109 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076608.D

Acq: 28 Jun 2023 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTD025162

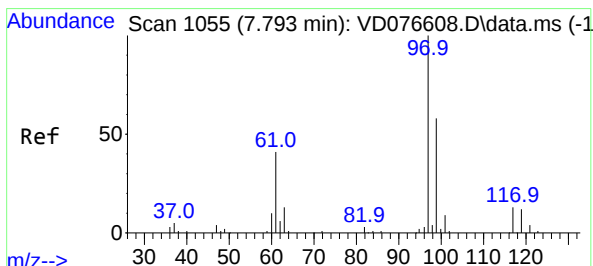
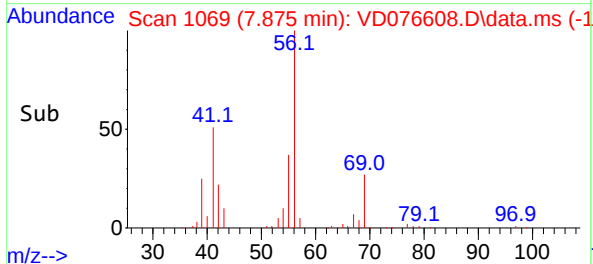
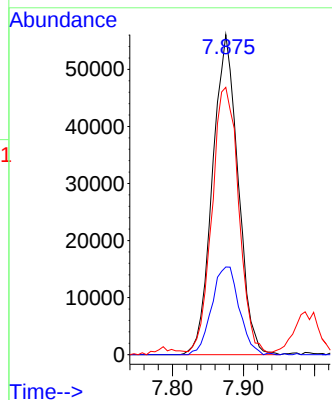
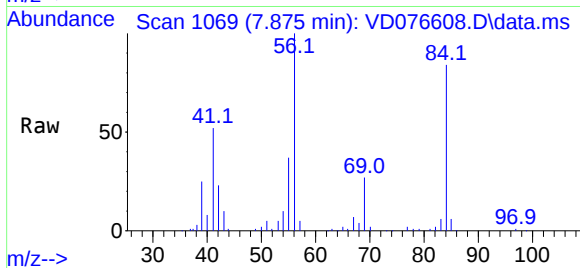
Tgt Ion: 56 Resp: 140262

Ion Ratio Lower Upper

56 100

69 29.4 23.4 35.0

84 85.5 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 27.022 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD076608.D

Acq: 28 Jun 2023 10:03

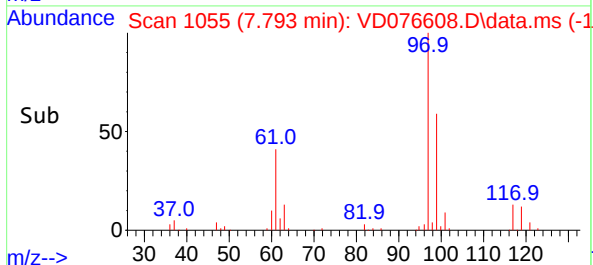
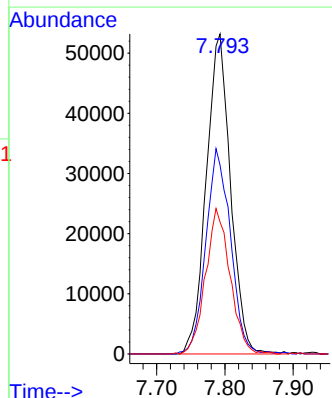
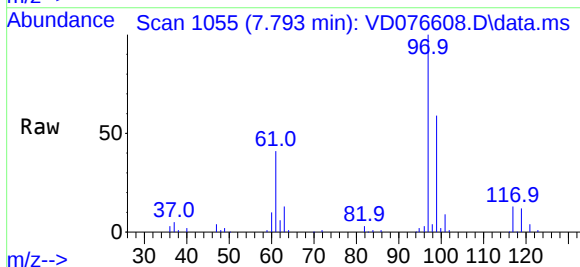
Tgt Ion: 97 Resp: 131870

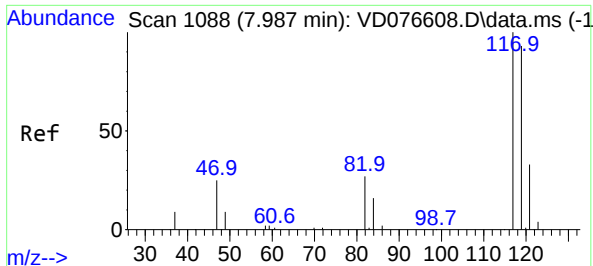
Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.6

61 45.6 36.4 54.6

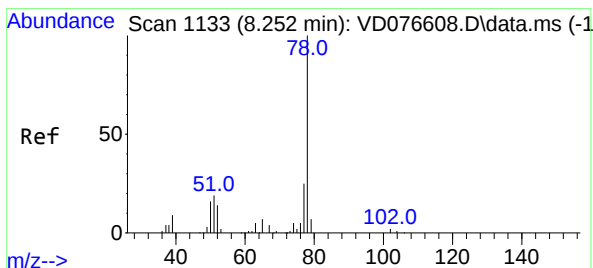
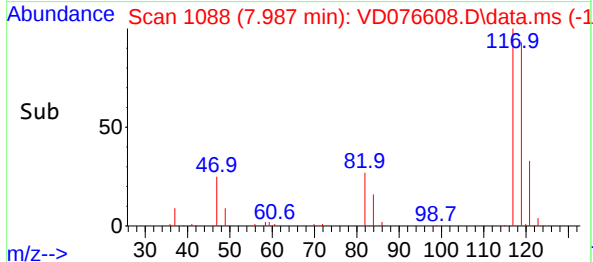
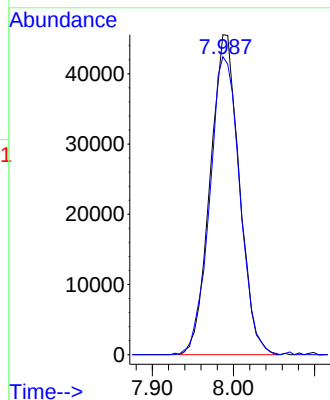
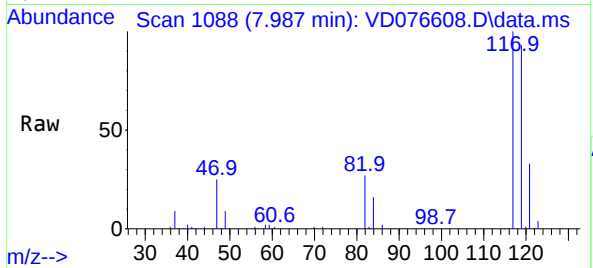




#31
Carbon tetrachloride
Concen: 29.071 ug/L
RT: 7.987 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

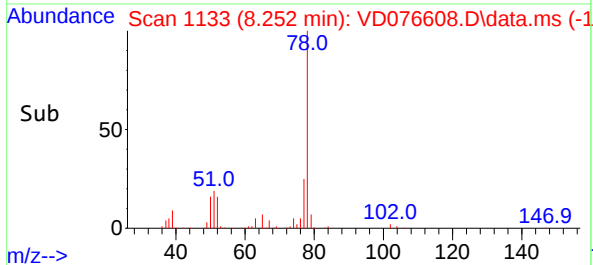
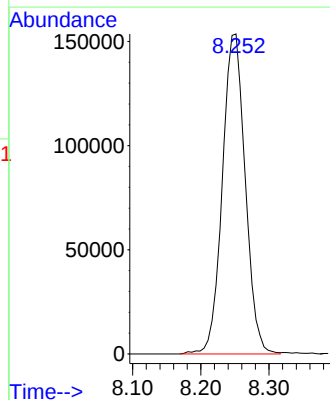
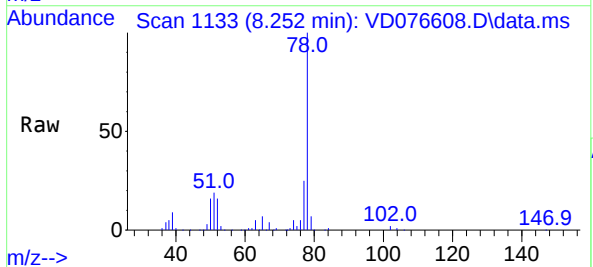
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

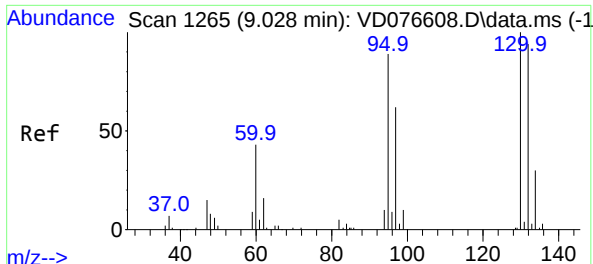
Tgt Ion:117 Resp: 113461
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.6



#33
Benzene
Concen: 25.819 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion: 78 Resp: 358958

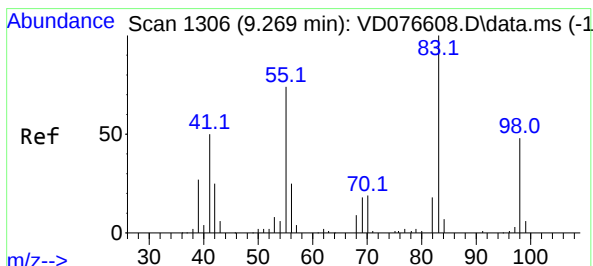
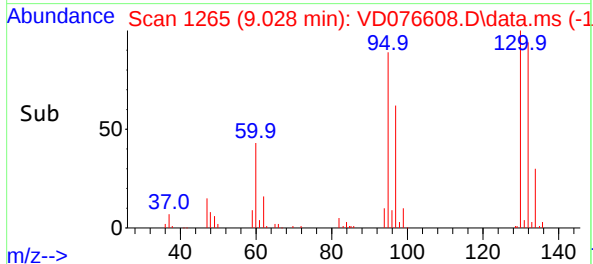
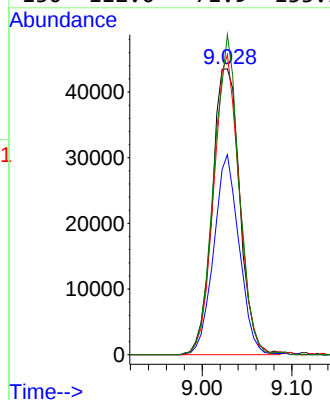
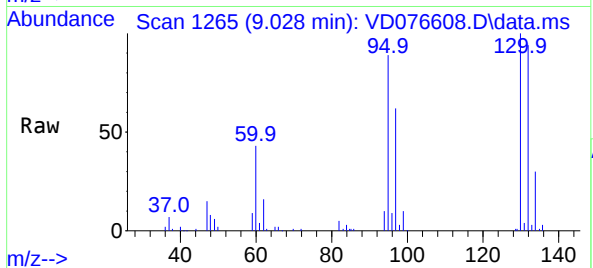




#34
Trichloroethene
Concen: 26.024 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

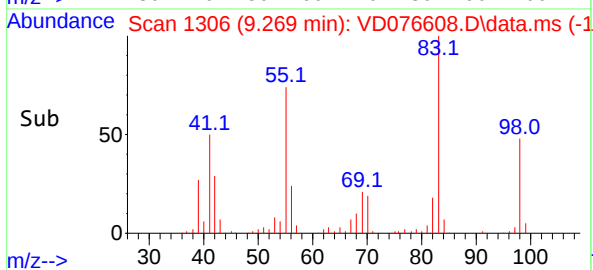
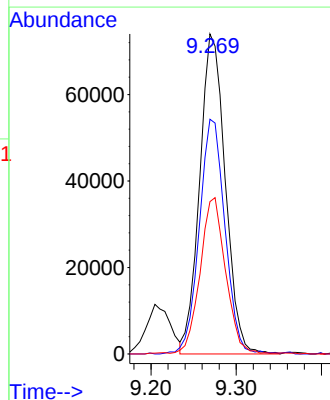
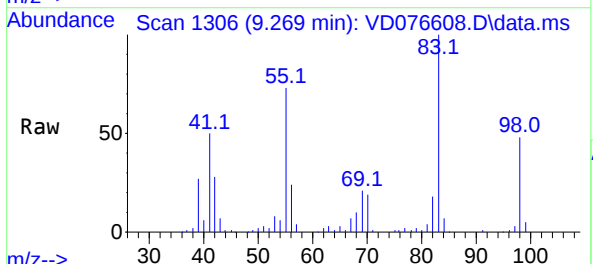
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

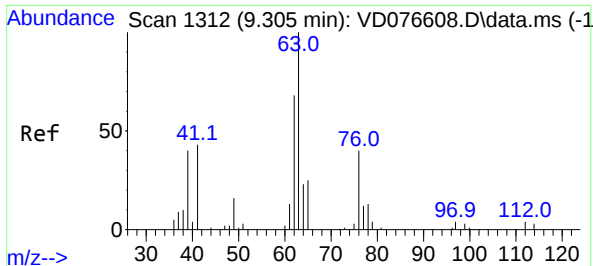
Tgt Ion: 95 Resp: 92943
Ion Ratio Lower Upper
95 100
97 70.0 43.1 80.1
132 105.0 71.8 133.4
130 112.0 71.9 133.5



#35
Methylcyclohexane
Concen: 26.828 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion: 83 Resp: 154507
Ion Ratio Lower Upper
83 100
55 73.6 59.8 89.6
98 48.5 37.8 56.6

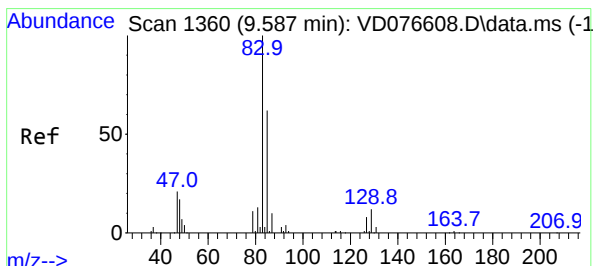
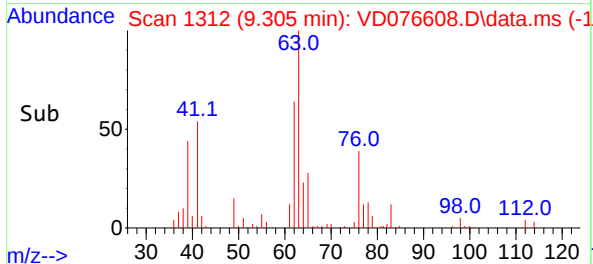
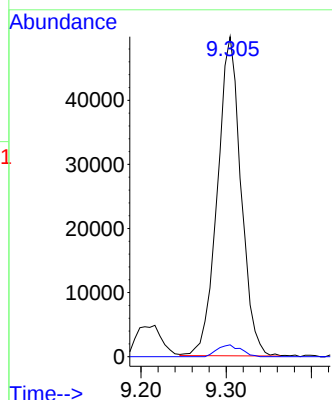
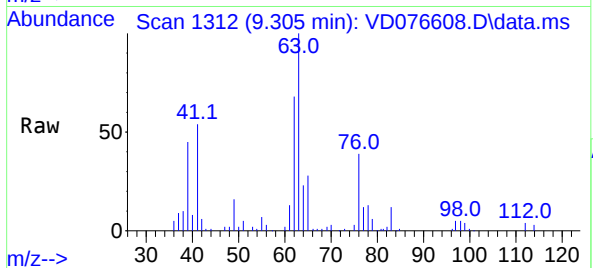




#37
1,2-Dichloropropane
Concen: 25.249 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

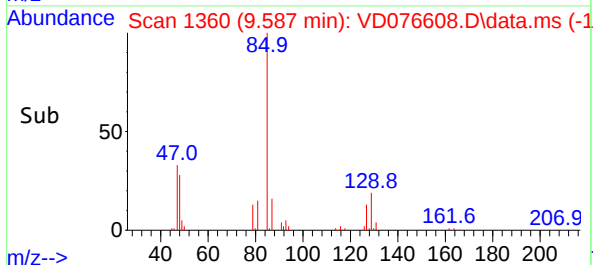
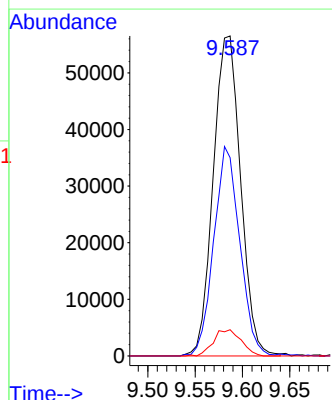
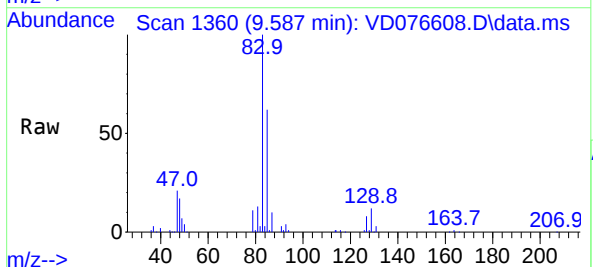
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

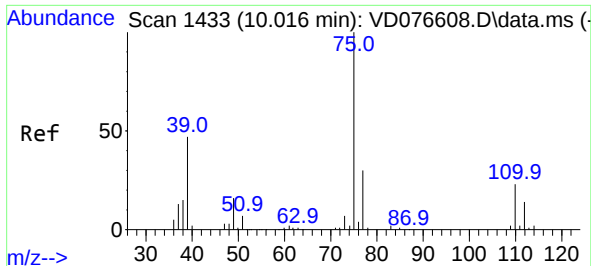
Tgt Ion: 63 Resp: 95706
Ion Ratio Lower Upper
63 100
112 3.7 3.1 4.7



#38
Bromodichloromethane
Concen: 26.294 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion: 83 Resp: 113677
Ion Ratio Lower Upper
83 100
85 62.0 43.9 81.5
127 8.2 6.6 9.8

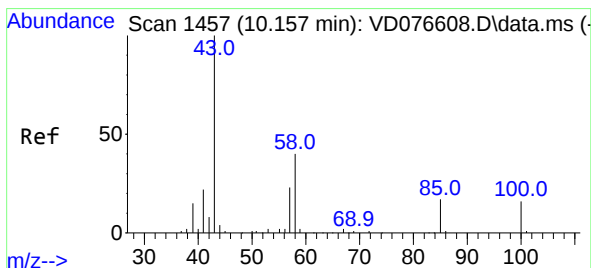
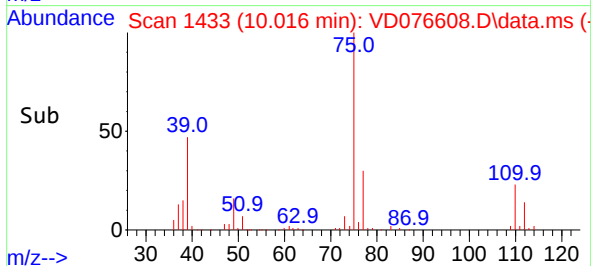
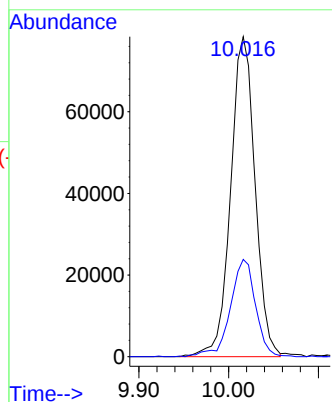
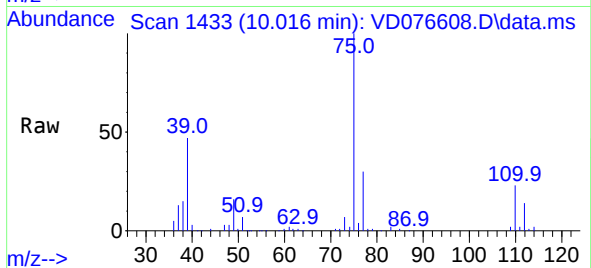




#39
cis-1,3-Dichloropropene
Concen: 25.574 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

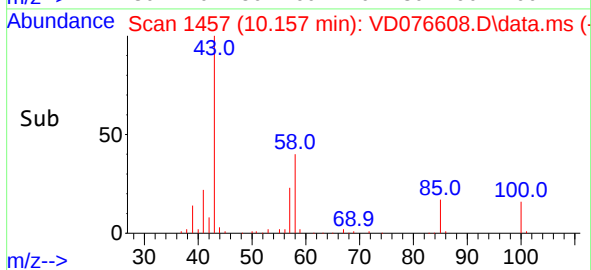
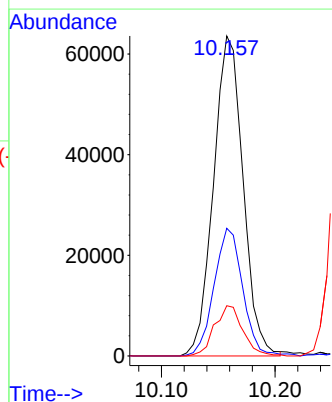
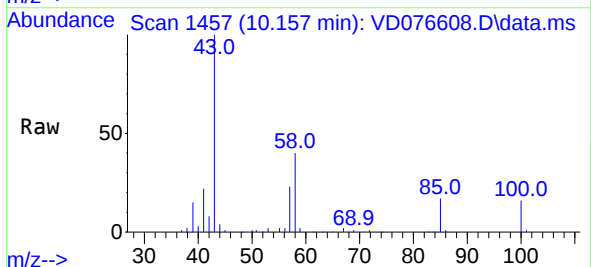
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

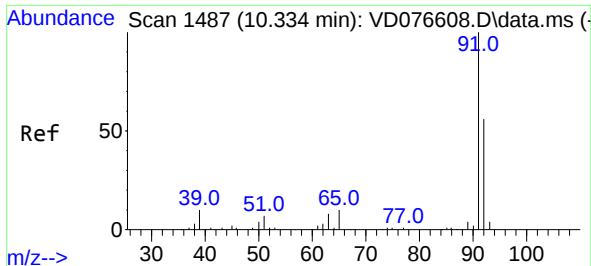
Tgt Ion: 75 Resp: 148022
Ion Ratio Lower Upper
75 100
77 30.4 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 48.787 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion: 43 Resp: 115040
Ion Ratio Lower Upper
43 100
58 38.4 30.7 46.1
100 15.0 11.0 16.4

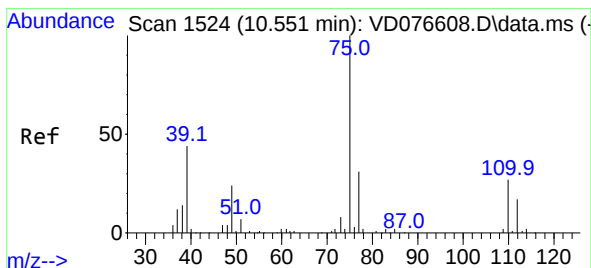
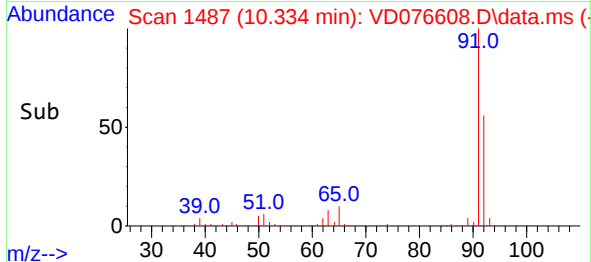
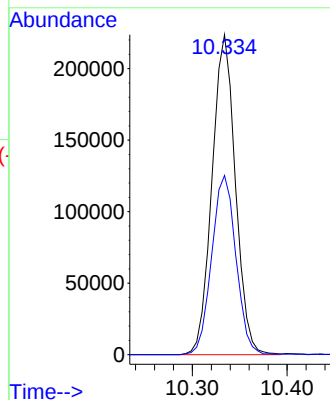
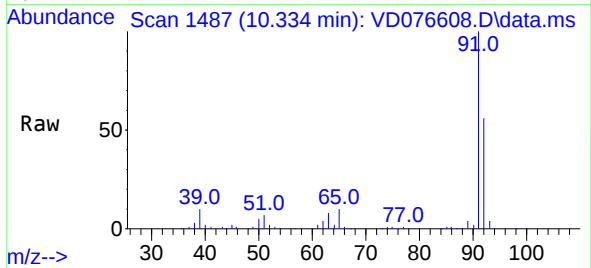




#42
Toluene
Concen: 25.835 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

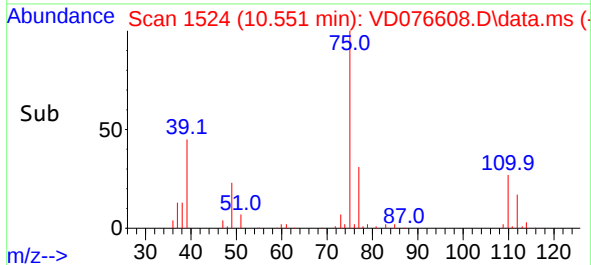
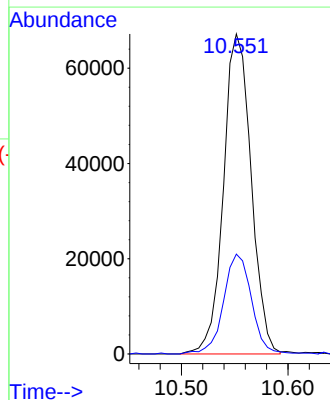
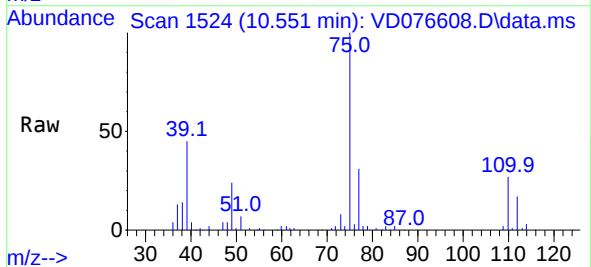
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

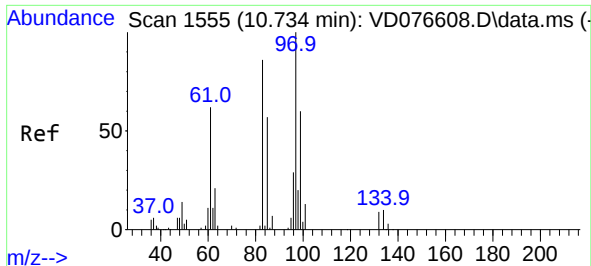
Tgt Ion: 91 Resp: 383836
Ion Ratio Lower Upper
91 100
92 56.0 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 25.775 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion: 75 Resp: 121262
Ion Ratio Lower Upper
75 100
77 31.2 22.5 41.7



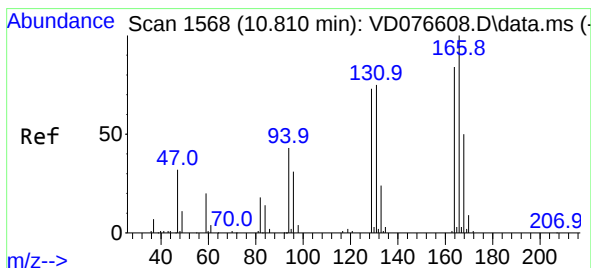
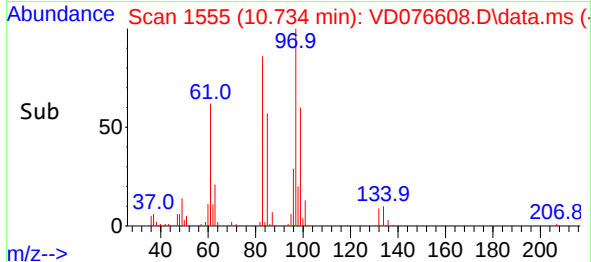
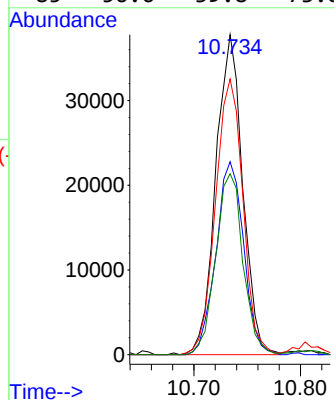
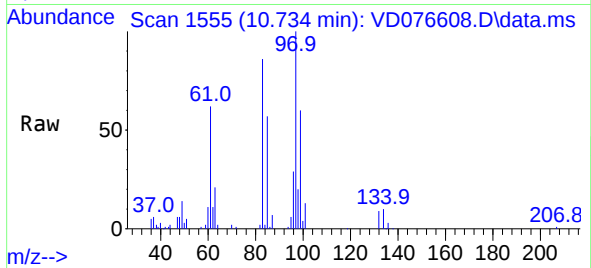


#45
1,1,2-Trichloroethane
Concen: 25.401 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

Tgt Ion: 97 Resp: 66041

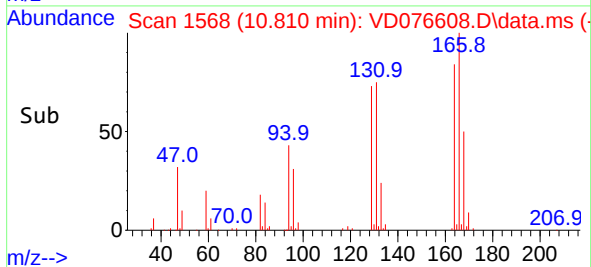
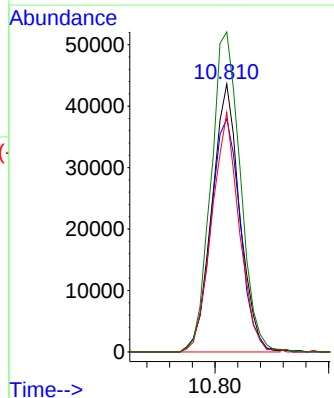
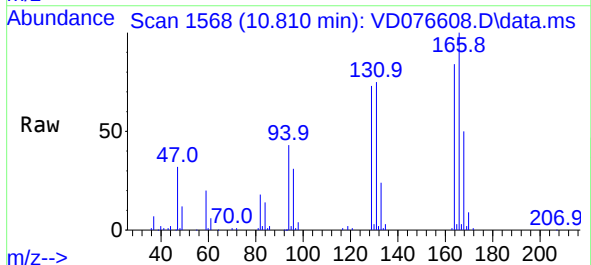
Ion	Ratio	Lower	Upper
97	100		
99	60.3	41.9	77.9
83	86.2	59.2	110.0
85	56.6	39.8	73.8

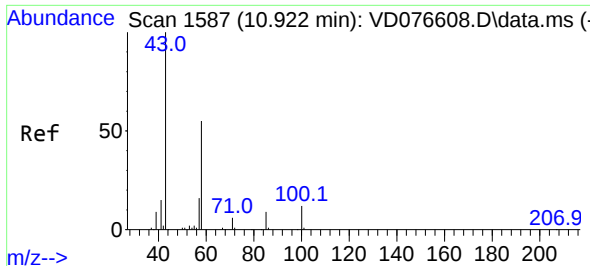


#46
Tetrachloroethene
Concen: 26.382 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion: 164 Resp: 74074

Ion	Ratio	Lower	Upper
164	100		
129	87.0	65.5	121.6
131	89.3	64.8	120.3
166	119.5	97.2	180.4



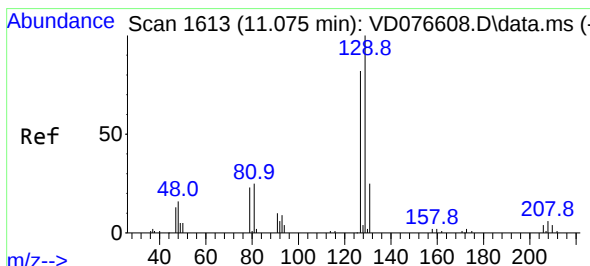
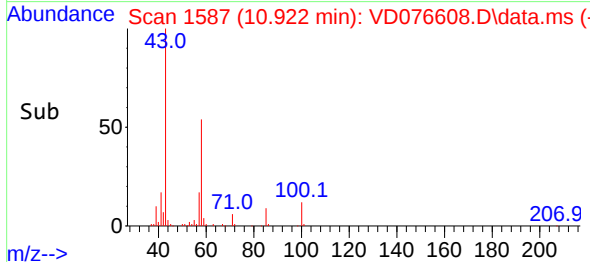
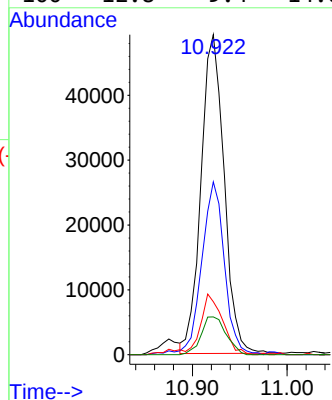
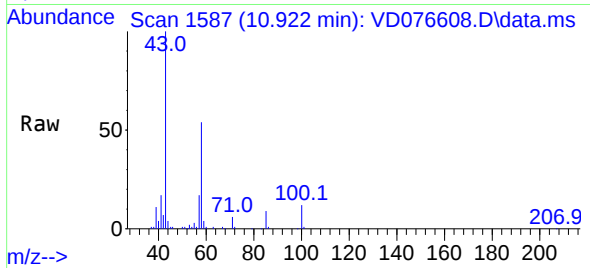


#48
2-Hexanone
Concen: 51.672 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

Tgt Ion: 43 Resp: 83448

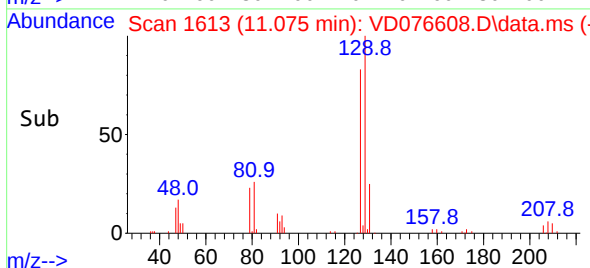
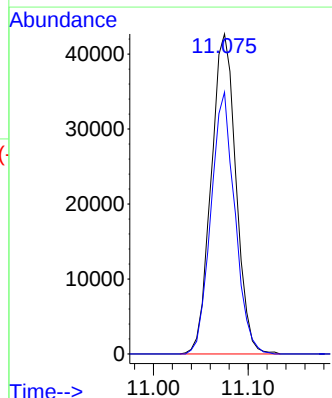
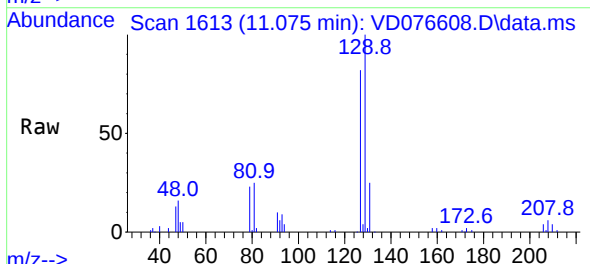
Ion	Ratio	Lower	Upper
43	100		
58	52.8	42.9	64.3
57	17.8	13.7	20.5
100	12.8	9.4	14.0

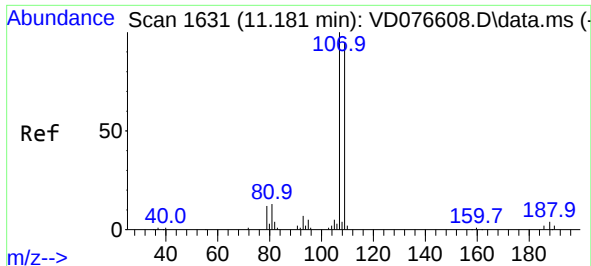


#49
Dibromochloromethane
Concen: 26.313 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion: 129 Resp: 77745

Ion	Ratio	Lower	Upper
129	100		
127	81.8	55.2	102.6

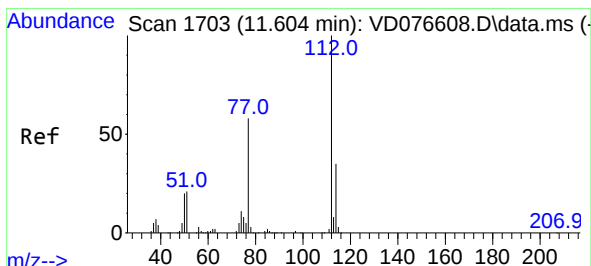
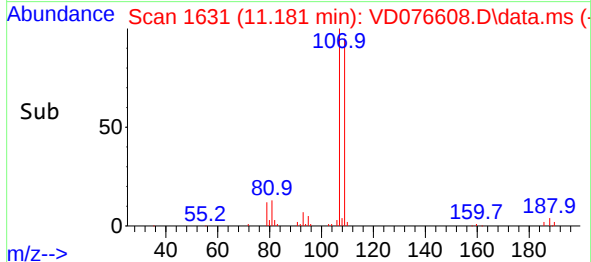
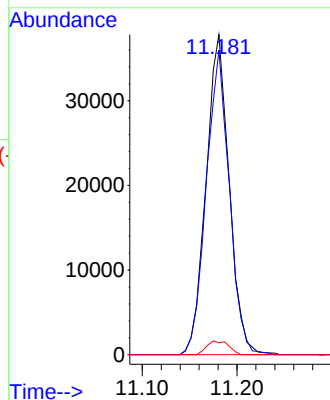
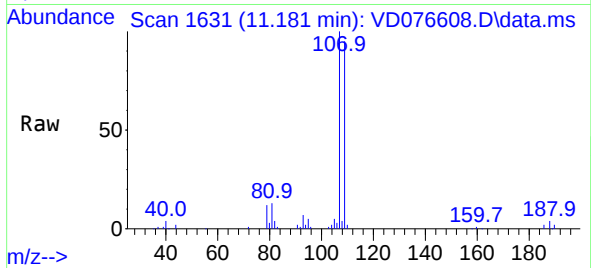




#50
1,2-Dibromoethane
Concen: 25.419 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

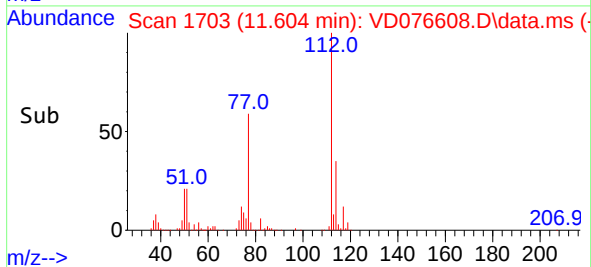
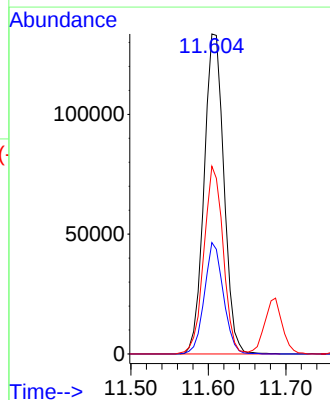
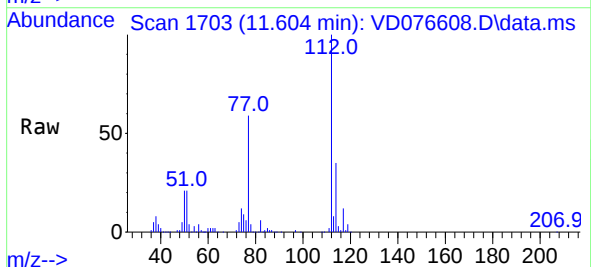
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

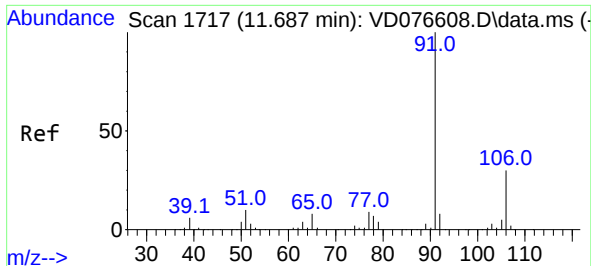
Tgt Ion:107 Resp: 64144
Ion Ratio Lower Upper
107 100
109 95.2 58.8 109.2
188 3.7 2.9 4.3



#51
Chlorobenzene
Concen: 25.565 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion:112 Resp: 237137
Ion Ratio Lower Upper
112 100
114 34.8 21.5 39.9
77 58.7 43.4 65.2

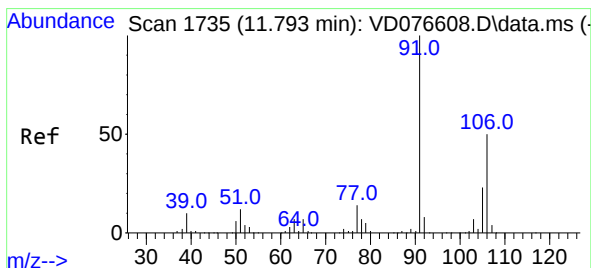
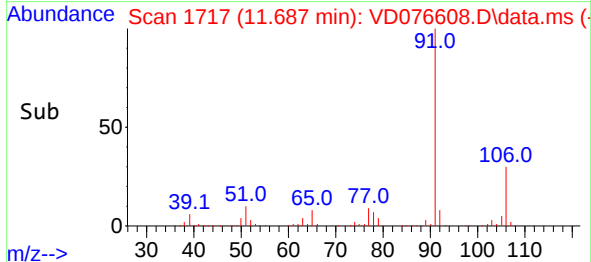
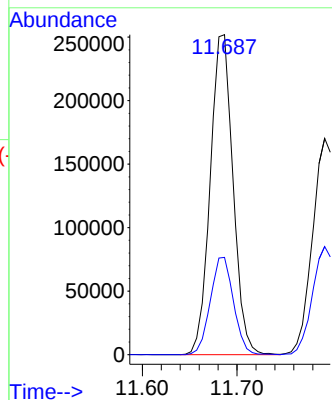
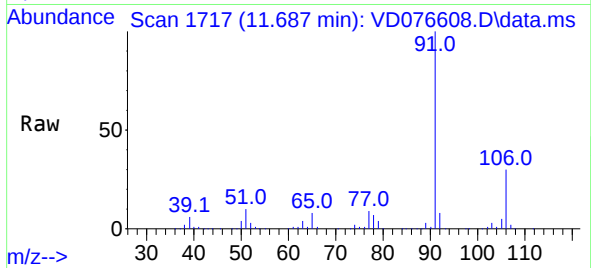




#52
Ethylbenzene
Concen: 26.385 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

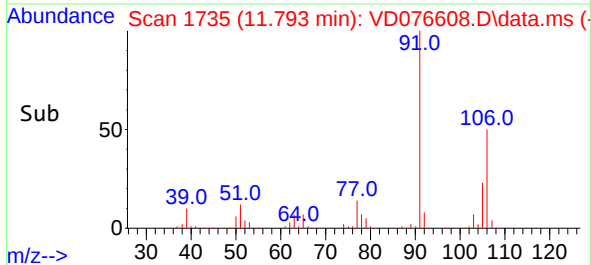
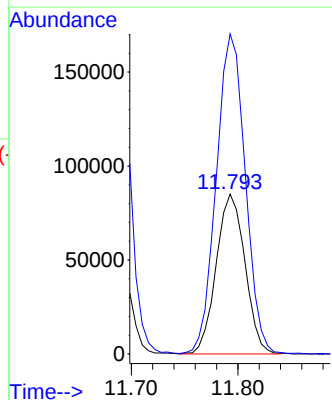
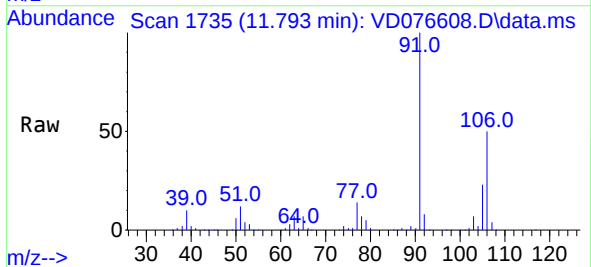
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

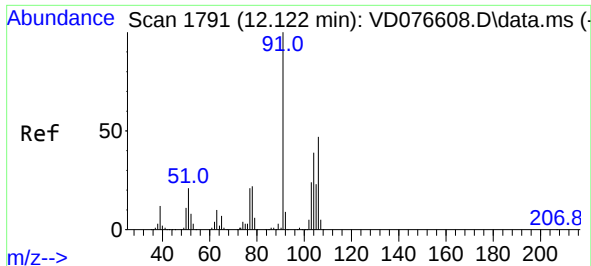
Tgt Ion: 91 Resp: 422523
Ion Ratio Lower Upper
91 100
106 30.4 22.4 41.6



#53
m,p-Xylene
Concen: 25.333 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion: 106 Resp: 159426
Ion Ratio Lower Upper
106 100
91 200.2 141.5 262.9

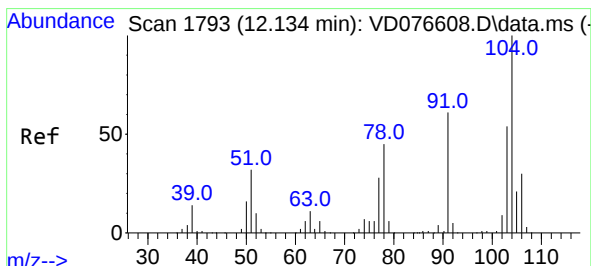
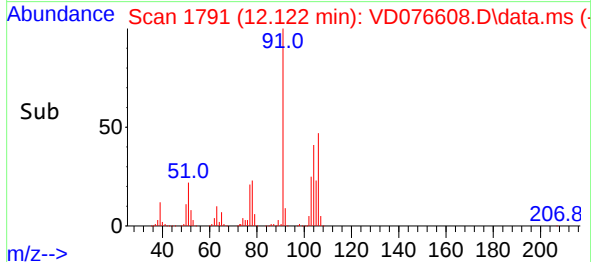
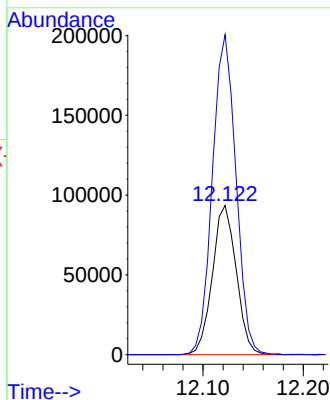
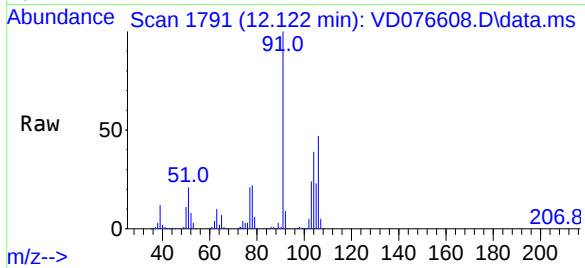




#54
o-Xylene
Concen: 25.822 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

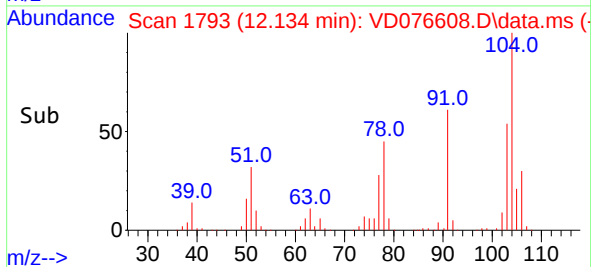
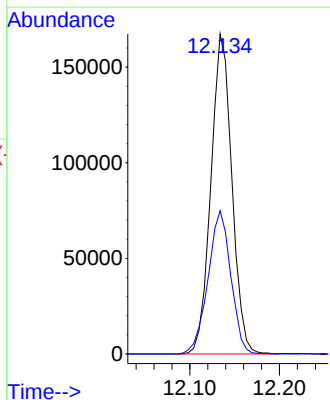
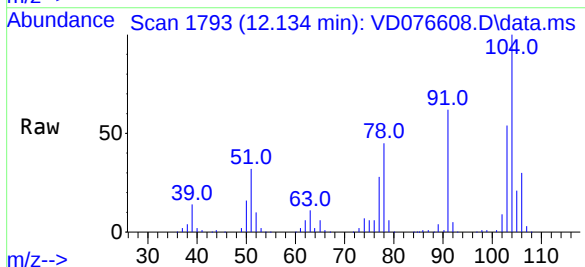
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

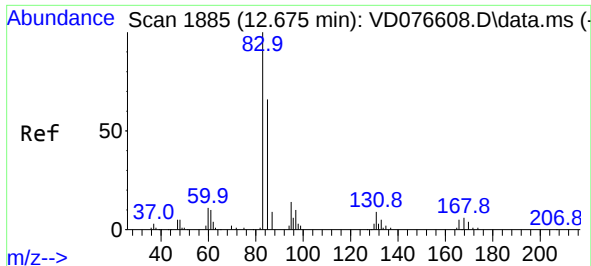
Tgt Ion:106 Resp: 154731
Ion Ratio Lower Upper
106 100
91 214.5 142.2 264.2



#55
Styrene
Concen: 26.207 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion:104 Resp: 271309
Ion Ratio Lower Upper
104 100
78 44.8 31.3 58.1

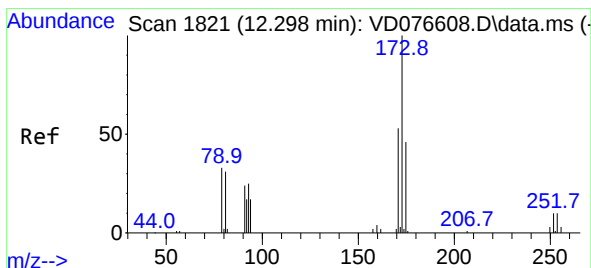
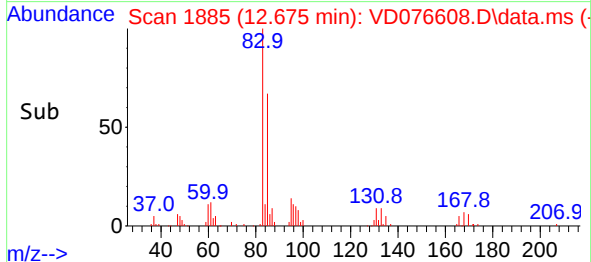
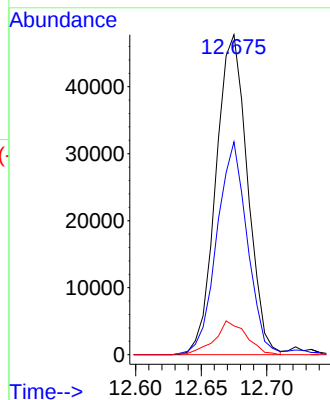
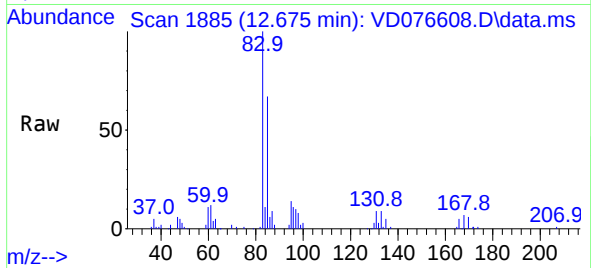




#57
 1,1,2,2-Tetrachloroethane
 Concen: 26.857 ug/L
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD076608.D
 Acq: 28 Jun 2023 10:03

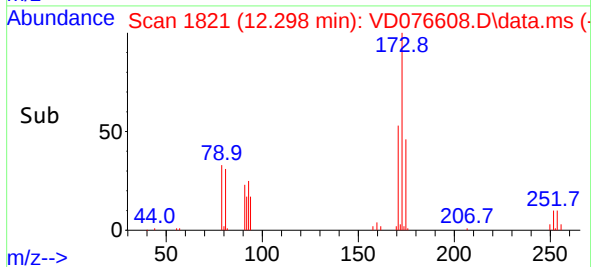
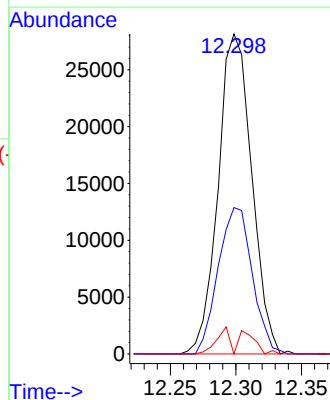
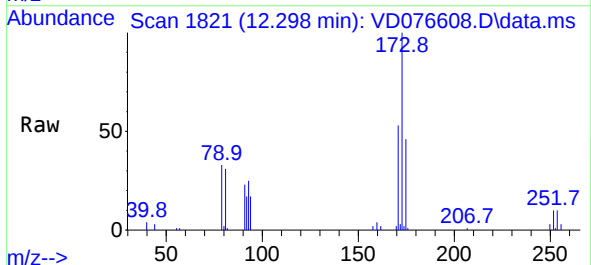
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025162

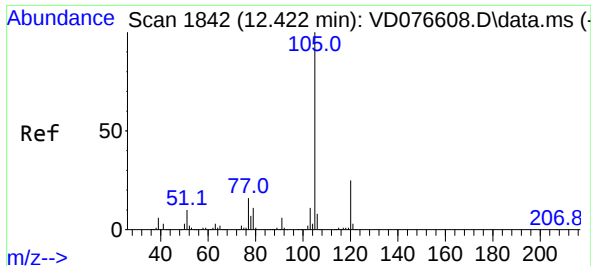
Tgt Ion: 83 Resp: 79800
 Ion Ratio Lower Upper
 83 100
 85 66.5 46.3 86.1
 131 9.0 7.0 10.4



#59
 Bromoform
 Concen: 27.449 ug/L
 RT: 12.298 min Scan# 1821
 Delta R.T. -0.000 min
 Lab File: VD076608.D
 Acq: 28 Jun 2023 10:03

Tgt Ion: 173 Resp: 50115
 Ion Ratio Lower Upper
 173 100
 175 46.4 39.0 58.4
 254 3.4 5.3 7.9

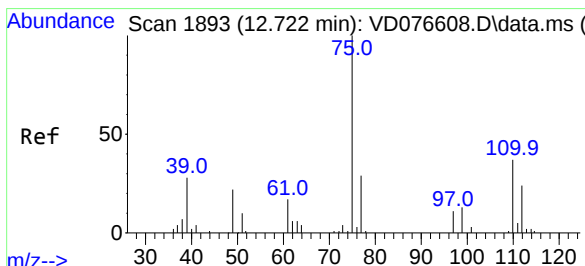
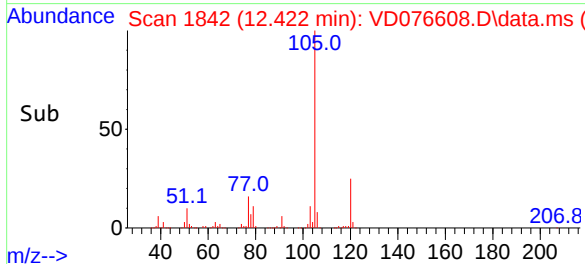
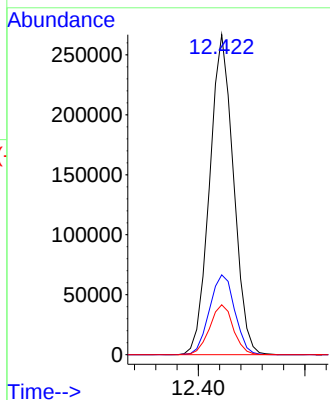
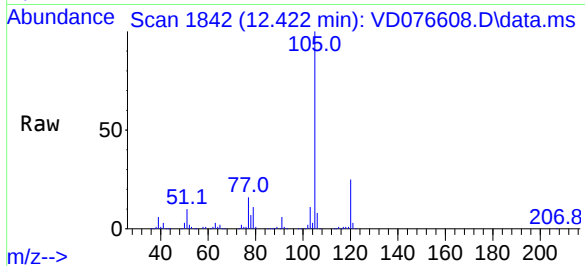




#60
Isopropylbenzene
Concen: 26.566 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

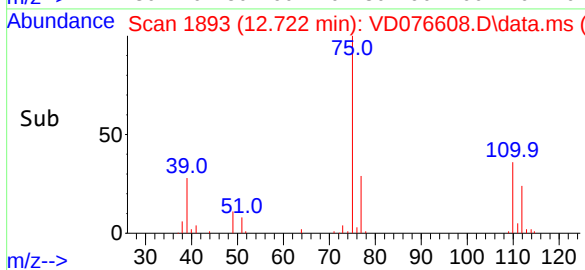
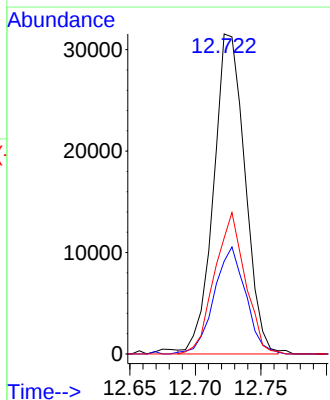
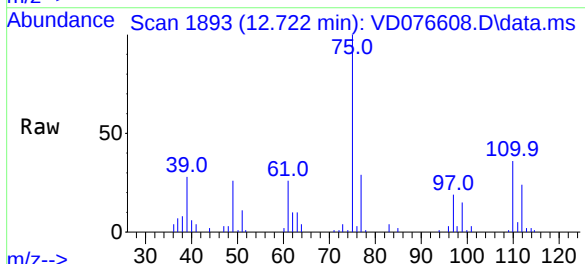
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

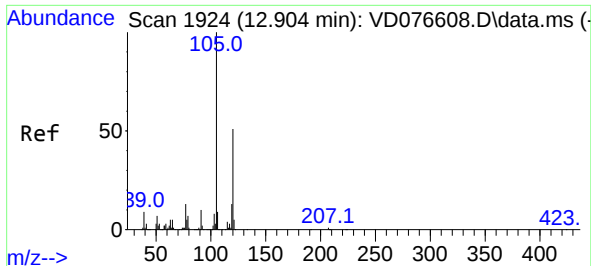
Tgt Ion:105 Resp: 414415
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 15.5 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 26.540 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion: 75 Resp: 52532
Ion Ratio Lower Upper
75 100
77 33.6 27.2 40.8
110 43.2 31.8 47.6

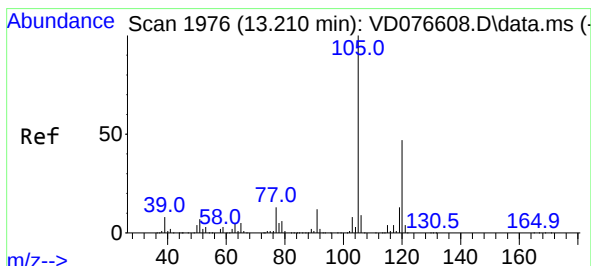
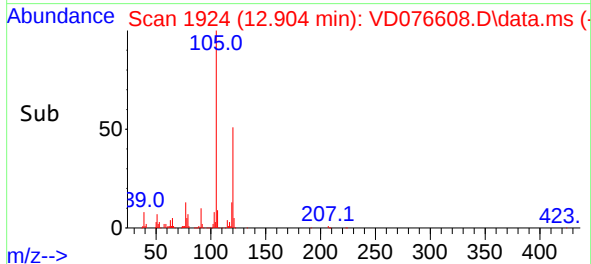
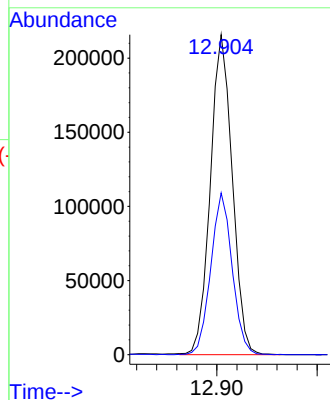
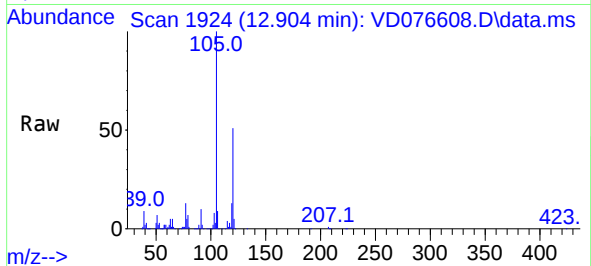




#62
1,3,5-Trimethylbenzene
Concen: 26.221 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

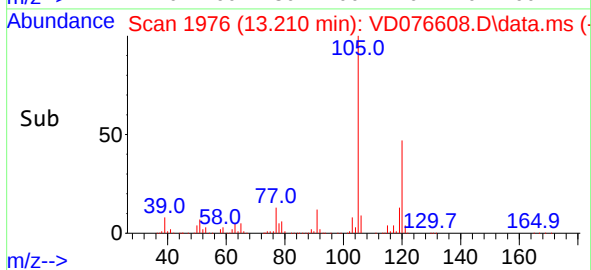
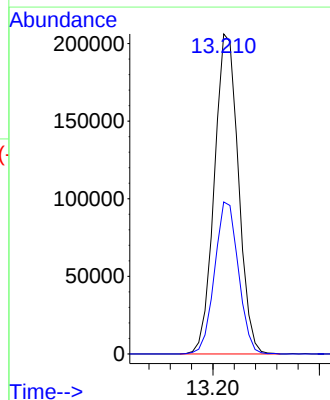
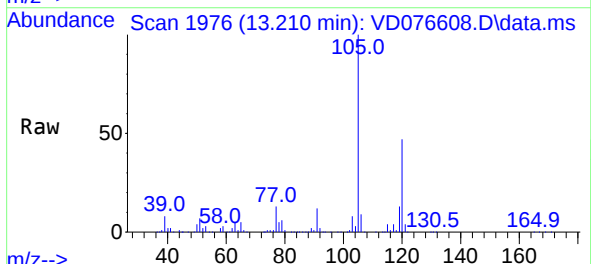
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

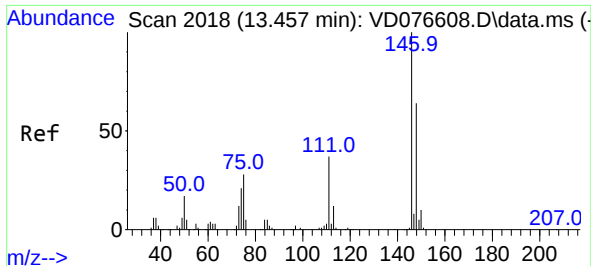
Tgt Ion:105 Resp: 327261
Ion Ratio Lower Upper
105 100
120 49.3 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 26.192 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion:105 Resp: 322582
Ion Ratio Lower Upper
105 100
120 47.0 37.5 56.3

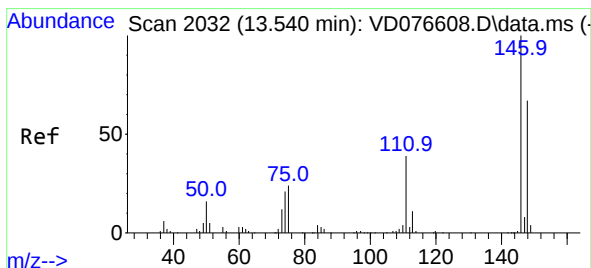
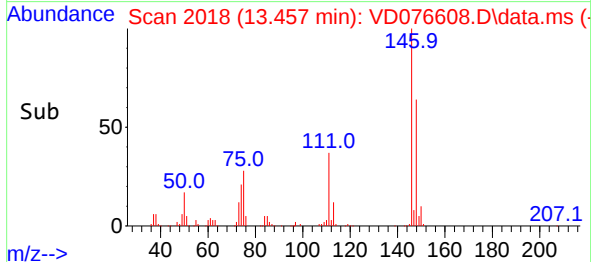
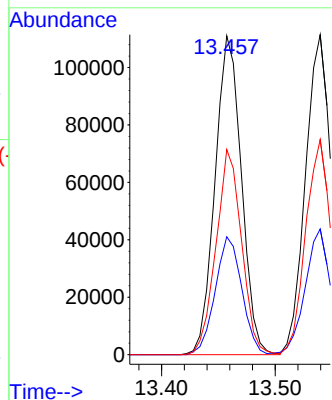
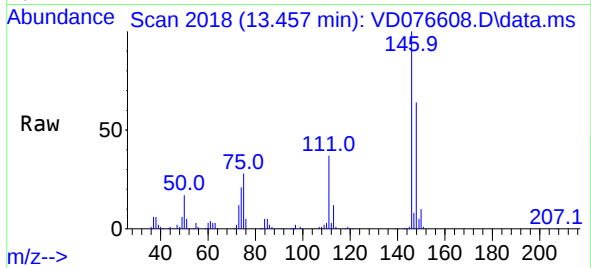




#64
1,3-Dichlorobenzene
Concen: 25.821 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

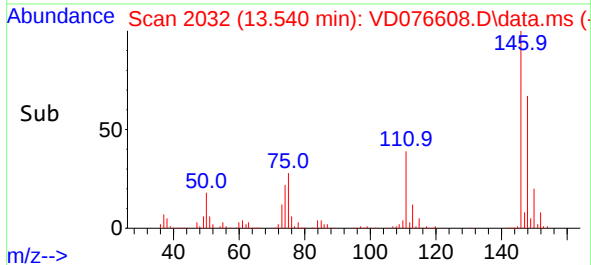
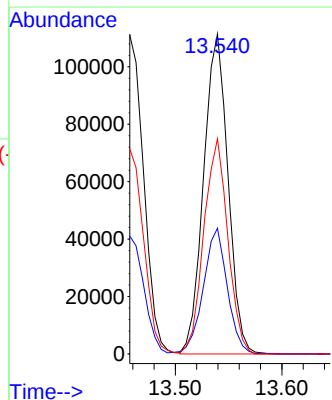
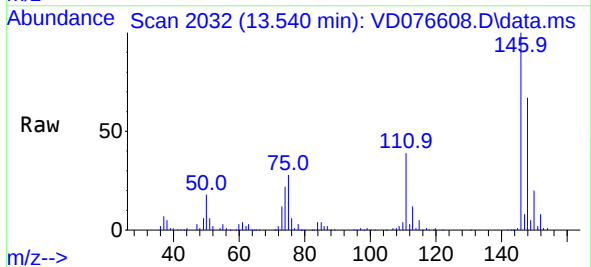
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

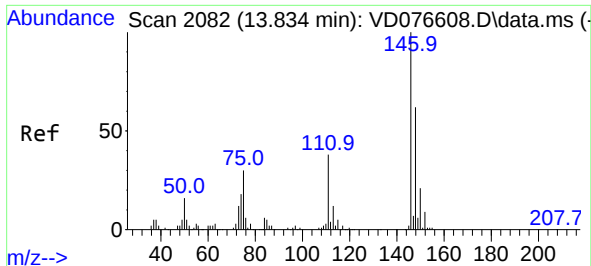
Tgt Ion:146 Resp: 179197
Ion Ratio Lower Upper
146 100
111 37.0 25.6 47.4
148 64.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 25.365 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion:146 Resp: 177447
Ion Ratio Lower Upper
146 100
111 39.3 25.7 47.7
148 67.3 45.4 84.2

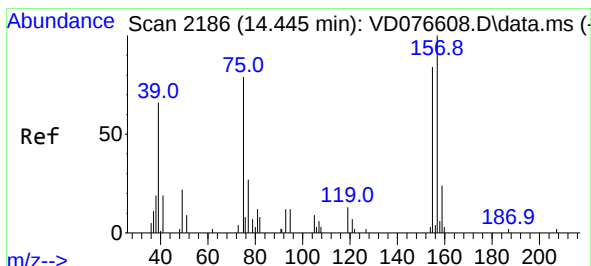
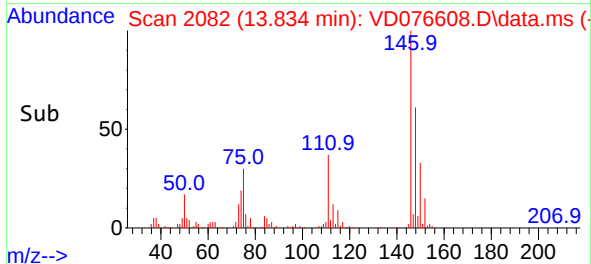
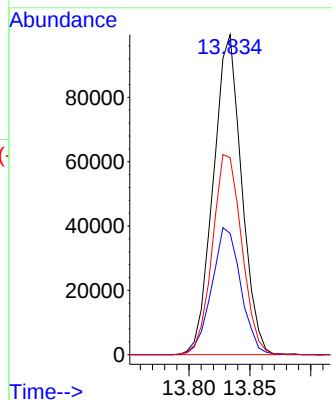
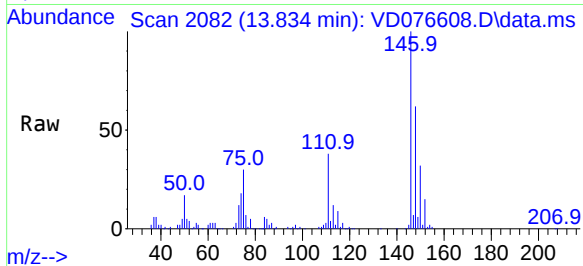




#67
1,2-Dichlorobenzene
Concen: 26.050 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

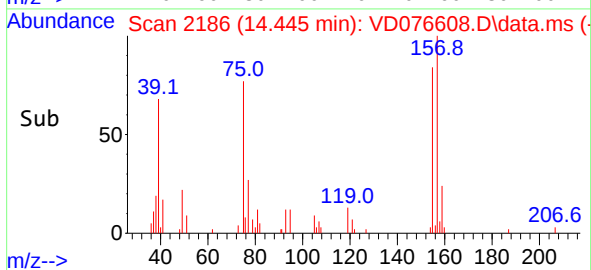
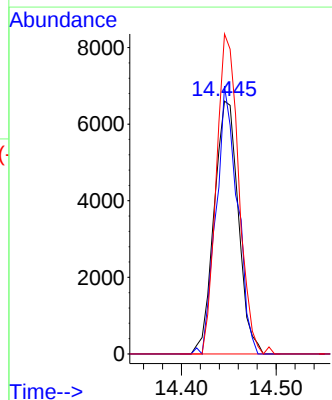
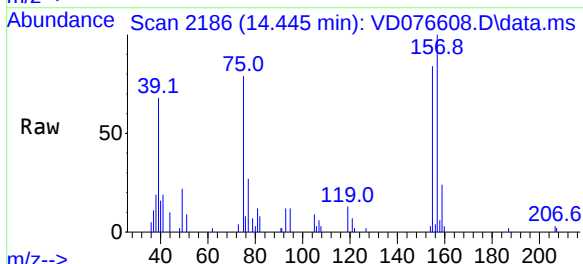
Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

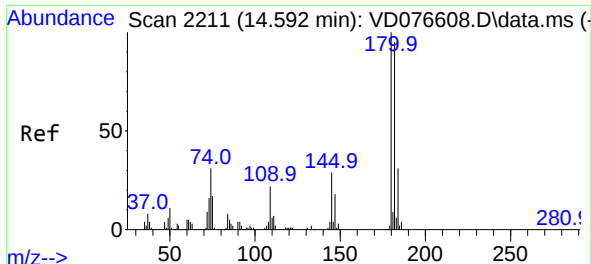
Tgt Ion:146 Resp: 161057
Ion Ratio Lower Upper
146 100
111 37.9 31.3 46.9
148 61.5 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 26.524 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion: 75 Resp: 11700
Ion Ratio Lower Upper
75 100
155 105.9 76.2 114.4
157 126.6 89.4 134.2



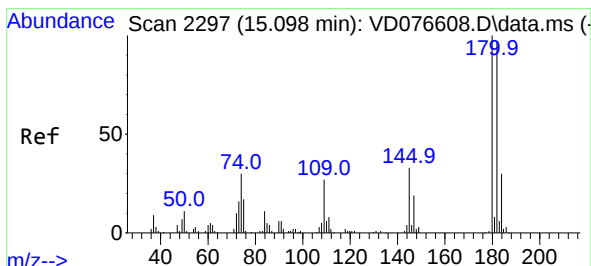
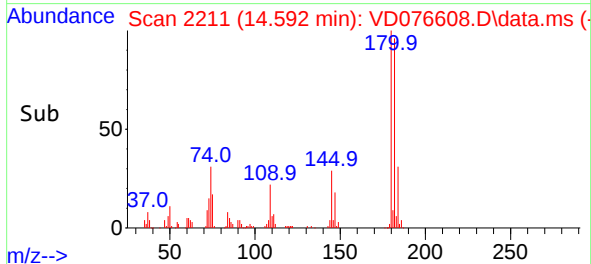
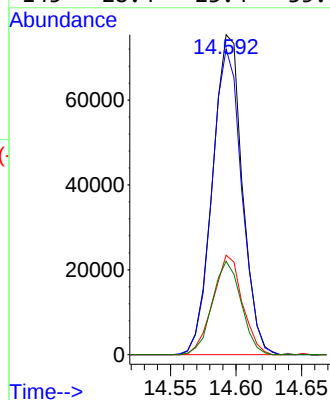
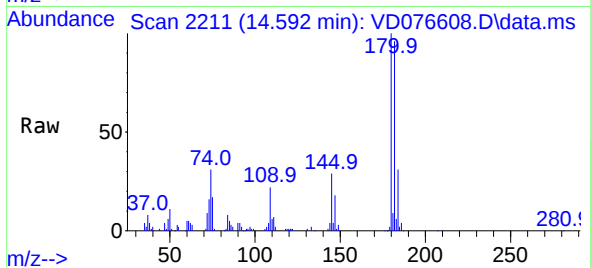


#69
1,3,5-Trichlorobenzene
Concen: 25.705 ug/L
RT: 14.592 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

Tgt Ion:180 Resp: 118991

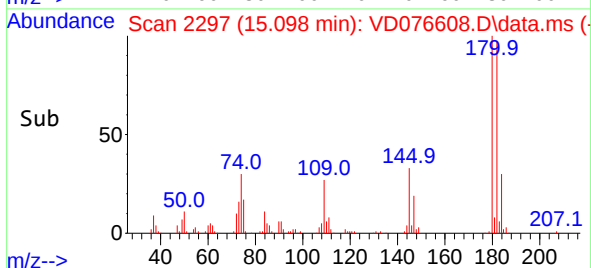
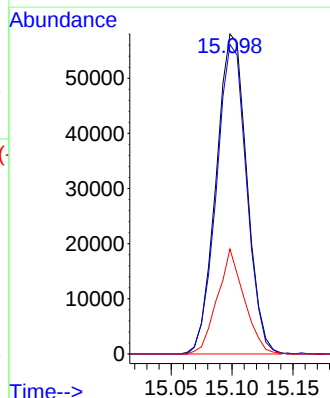
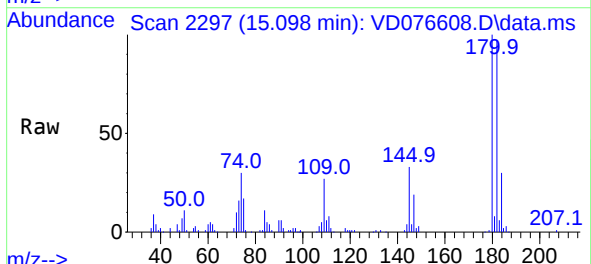
Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.1	115.7
184	30.7	25.0	37.4
145	28.4	23.4	35.0

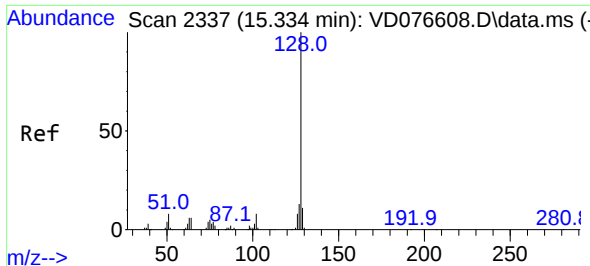


#70
1,2,4-trichlorobenzene
Concen: 24.707 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion:180 Resp: 101762

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.9	115.3
145	28.7	23.5	35.3

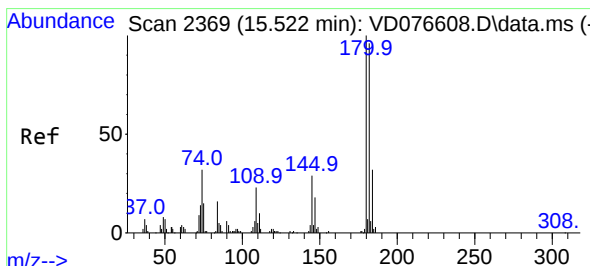
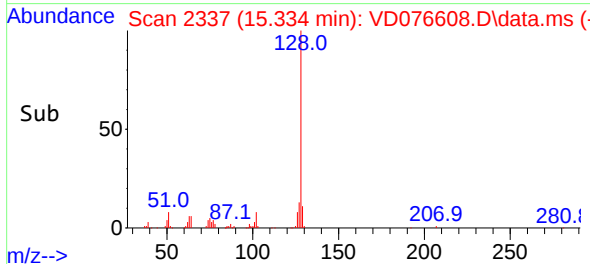
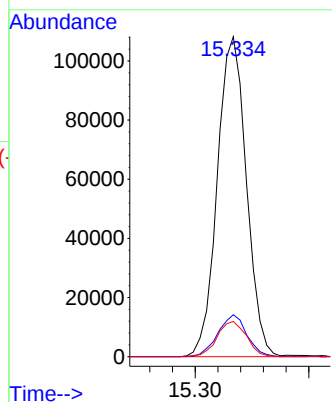
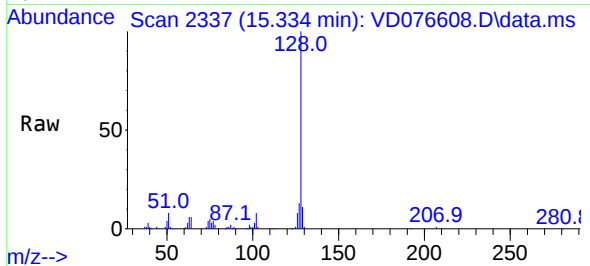




#71
Naphthalene
Concen: 24.379 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTD025162

Tgt Ion:128 Resp: 192248
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 11.1 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.455 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076608.D
Acq: 28 Jun 2023 10:03

Tgt Ion:180 Resp: 87470
Ion Ratio Lower Upper
180 100
182 97.3 74.3 111.5
145 31.0 25.0 37.6

