

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050823\
 Data File : VD076049.D
 Acq On : 08 May 2023 20:04
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025153

Quant Time: May 09 02:38:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 06 00:21:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	332374	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	309627	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	165452	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	155161	21.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.120%
7) Chloroethane-d5	2.793	69	143117	22.717	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.880%
11) 1,1-Dichloroethene-d2	3.910	65	36512	21.720	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.880%
21) 2-Butanone-d5	6.987	46	47447	74.957	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.920%#
24) Chloroform-d	7.569	84	213255	25.658	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.640%
26) 1,2-Dichloroethane-d4	8.228	65	97892	27.580	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.320%
32) Benzene-d6	8.198	84	428121	23.723	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.880%
36) 1,2-Dichloropropane-d6	9.210	67	128956	25.817	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.280%
41) Toluene-d8	10.269	98	392844	23.252	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	10.522	79	50583	24.499	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.000%
47) 2-Hexanone-d5	10.881	63	43095	71.653	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.300%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	123258	32.247	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.000%#
66) 1,2-Dichlorobenzene-d4	13.816	152	134774	23.030	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	131141	28.621	ug/L	99
3) Chloromethane	2.146	50	210384	32.937	ug/L	99
5) Vinyl chloride	2.275	62	238897	28.617	ug/L	99
6) Bromomethane	2.687	94	114813	20.468	ug/L	99
8) Chloroethane	2.828	64	149796	27.745	ug/L	94
9) Trichlorofluoromethane	3.163	101	186004	27.730	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.957	101	132379	29.377	ug/L	97
12) 1,1-Dichloroethene	3.928	96	118186	27.044	ug/L	96
13) Acetone	4.022	43	37151	68.583	ug/L	97
14) Carbon disulfide	4.263	76	398359	26.097	ug/L	99
15) Methyl Acetate	4.557	43	43773	37.287	ug/L #	59
16) Methylene chloride	4.799	84	161295	23.922	ug/L	96
17) trans-1,2-Dichloroethene	5.304	96	135016	27.553	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	239068	30.414	ug/L	98
19) 1,1-Dichloroethane	6.110	63	217689	30.324	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	142888	27.576	ug/L	97
22) 2-Butanone	7.081	43	54497	77.170	ug/L	93
23) Bromochloromethane	7.422	128	73057	30.402	ug/L #	91
25) Chloroform	7.593	83	233526	29.026	ug/L	100

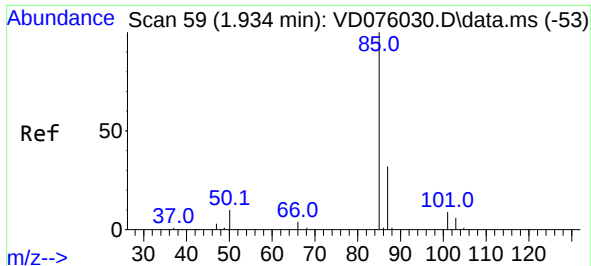
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050823\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 06 00:21:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	134032	32.274	ug/L	97
29) Cyclohexane	7.875	56	160504	30.281	ug/L	89
30) 1,1,1-Trichloroethane	7.793	97	183533	28.016	ug/L	98
31) Carbon tetrachloride	7.987	117	148319	28.220	ug/L	97
33) Benzene	8.245	78	542559	28.969	ug/L	100
34) Trichloroethene	9.028	95	132040	27.262	ug/L	94
35) Methylcyclohexane	9.269	83	211932	28.381	ug/L	98
37) 1,2-Dichloropropane	9.304	63	136382	31.701	ug/L	100
38) Bromodichloromethane	9.581	83	171835	29.622	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	198112	28.955	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	121811	77.658	ug/L	96
42) Toluene	10.334	91	597116	29.461	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	168455	30.648	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	111015	30.331	ug/L	92
46) Tetrachloroethene	10.810	164	112323	28.274	ug/L	94
48) 2-Hexanone	10.922	43	90209	81.578	ug/L	92
49) Dibromochloromethane	11.075	129	120088	30.139	ug/L	99
50) 1,2-Dibromoethane	11.181	107	101128	30.647	ug/L	97
51) Chlorobenzene	11.610	112	378820	28.570	ug/L	97
52) Ethylbenzene	11.681	91	594503	28.605	ug/L	99
53) m,p-Xylene	11.792	106	242457	29.297	ug/L	99
54) o-Xylene	12.122	106	227226	28.908	ug/L	100
55) Styrene	12.133	104	414657	30.309	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	126654	34.010	ug/L	98
59) Bromoform	12.298	173	73127	28.839	ug/L	99
60) Isopropylbenzene	12.422	105	578011	26.347	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	81848	31.491	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	440217	26.909	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	424512	26.920	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	282246	26.888	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	294281	26.712	ug/L	98
67) 1,2-Dichlorobenzene	13.833	146	261649	27.912	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	16451	31.662	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	174753	24.838	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	139177	23.870	ug/L	98
71) Naphthalene	15.333	128	291467	27.317	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	138161	26.546	ug/L	97

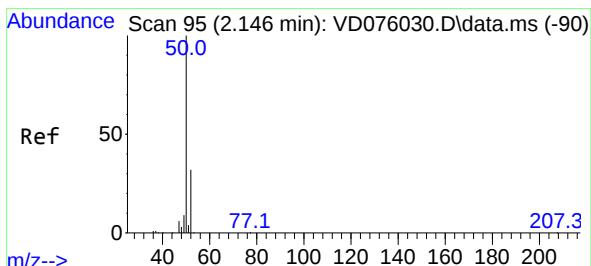
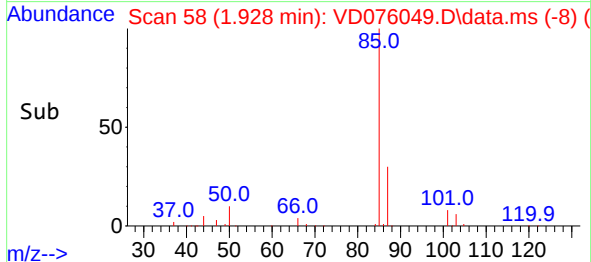
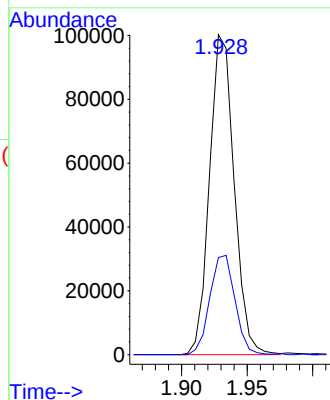
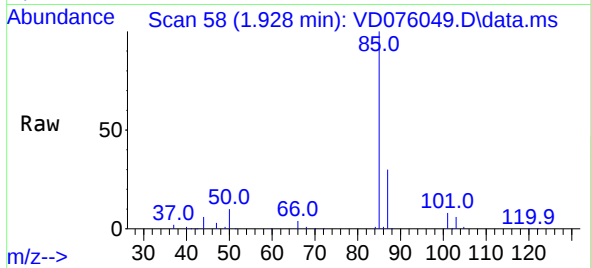
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 28.621 ug/L
 RT: 1.928 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VD076049.D
 Acq: 08 May 2023 20:04

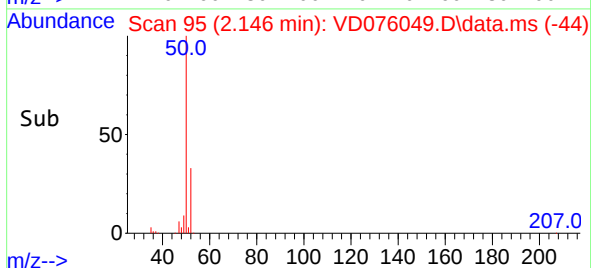
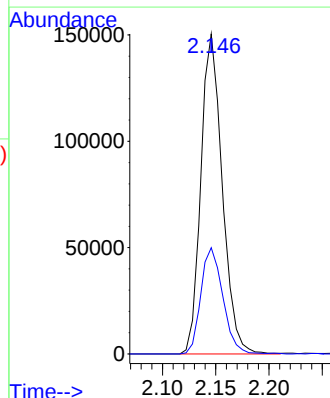
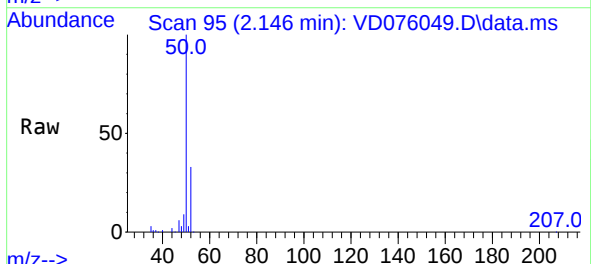
Instrument :
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 ClientSampleId :
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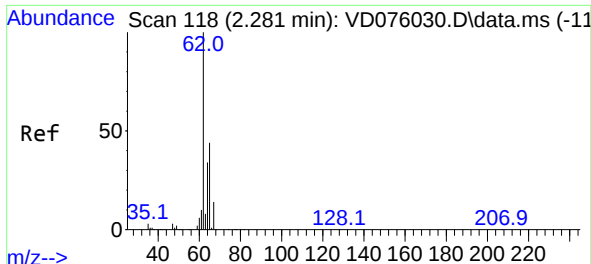
Tgt Ion: 85 Resp: 131141
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.8 38.8



#3
 Chloromethane
 Concen: 32.937 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD076049.D
 Acq: 08 May 2023 20:04

Tgt Ion: 50 Resp: 210384
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.7 44.1

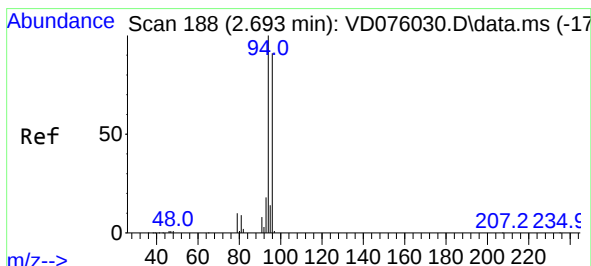
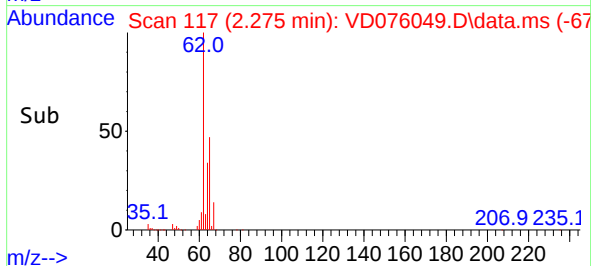
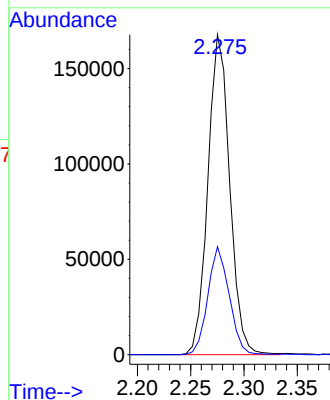
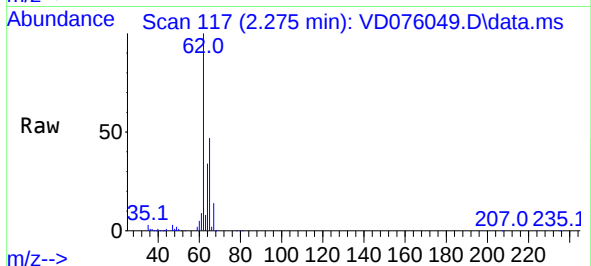




#5
 Vinyl chloride
 Concen: 28.617 ug/L
 RT: 2.275 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD076049.D
 Acq: 08 May 2023 20:04

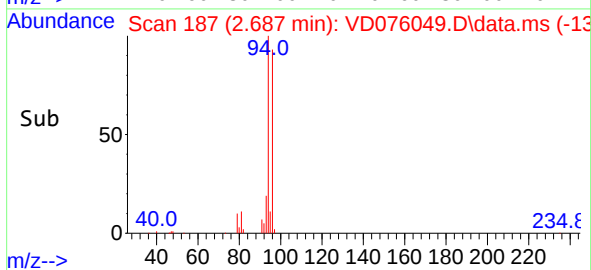
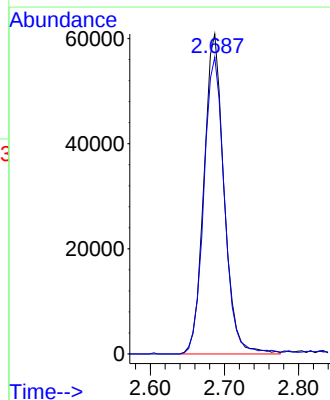
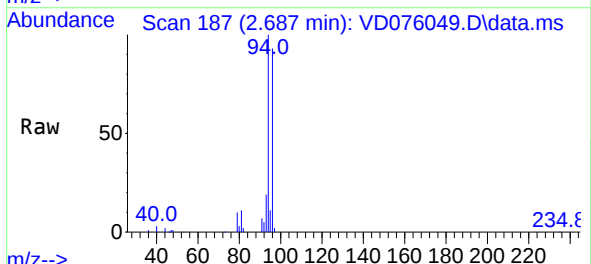
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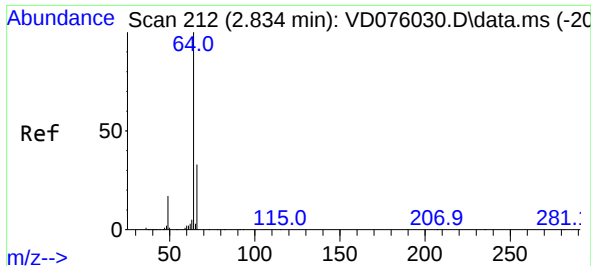
Tgt Ion: 62 Resp: 238897
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.2 43.0



#6
 Bromomethane
 Concen: 20.468 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD076049.D
 Acq: 08 May 2023 20:04

Tgt Ion: 94 Resp: 114813
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.7 121.9

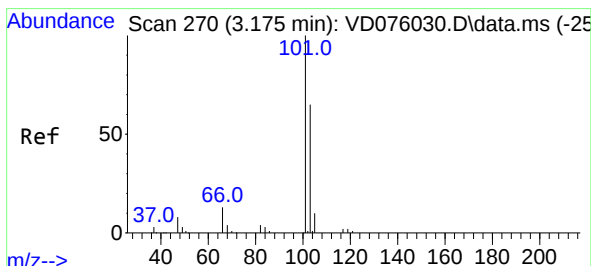
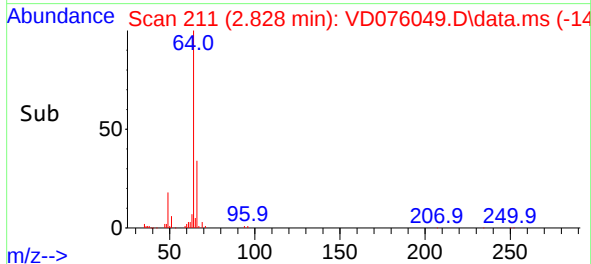
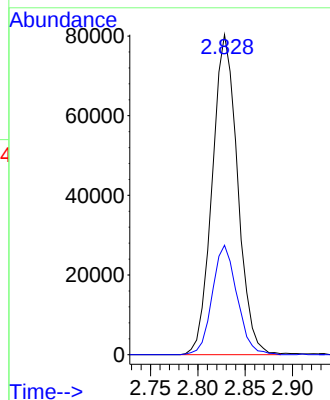
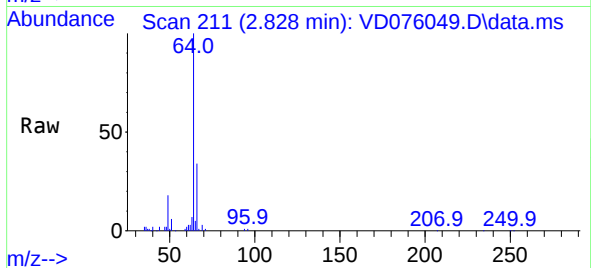




#8
Chloroethane
Concen: 27.745 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

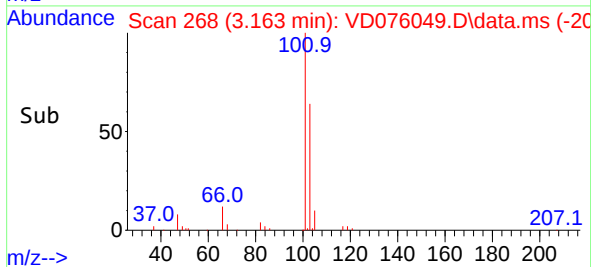
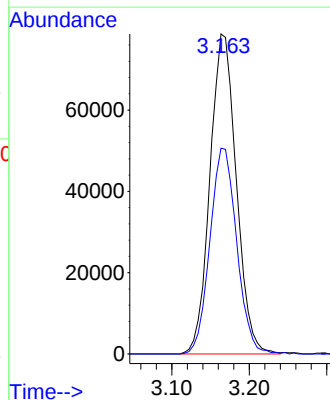
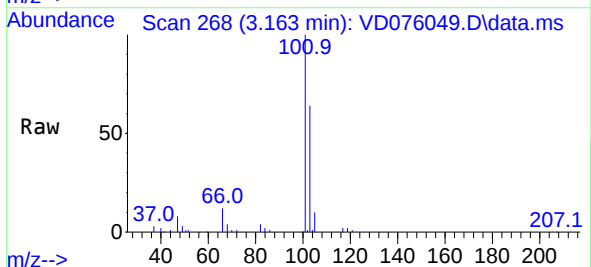
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VSTD025153

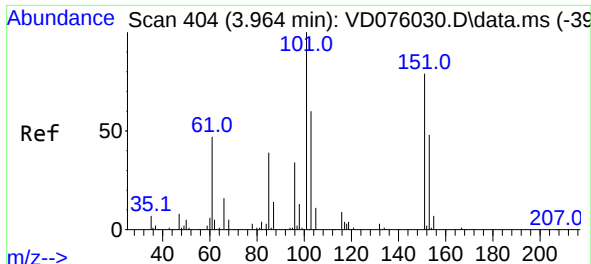
Tgt Ion: 64 Resp: 149796
Ion Ratio Lower Upper
64 100
66 34.2 21.8 40.4



#9
Trichlorofluoromethane
Concen: 27.730 ug/L
RT: 3.163 min Scan# 268
Delta R.T. -0.012 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion: 101 Resp: 186004
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

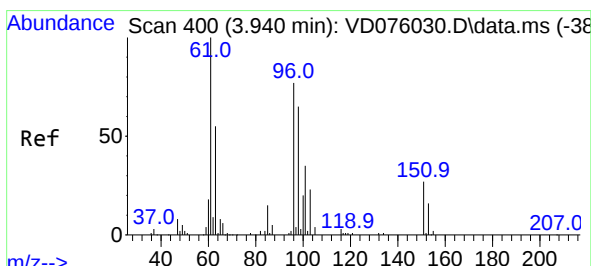
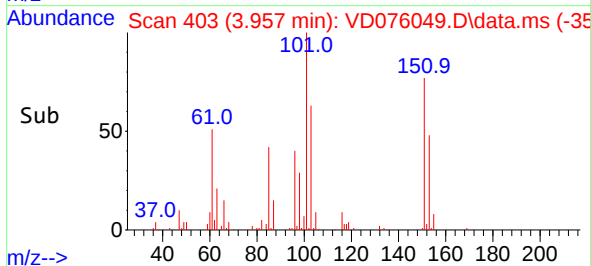
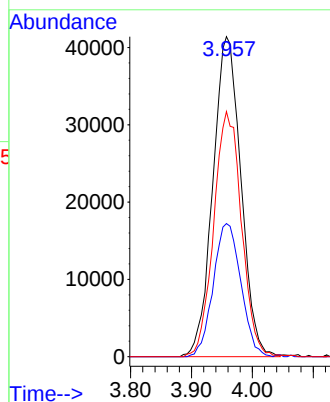
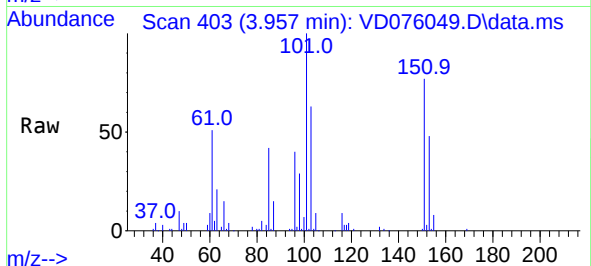




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 29.377 ug/L
RT: 3.957 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

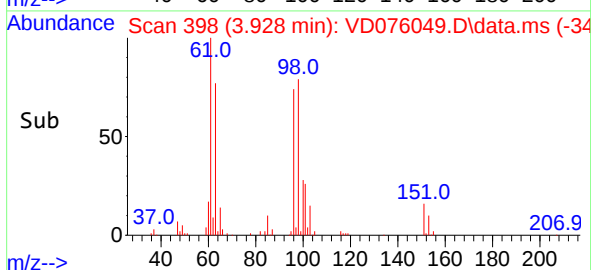
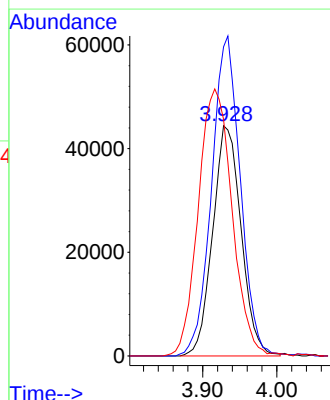
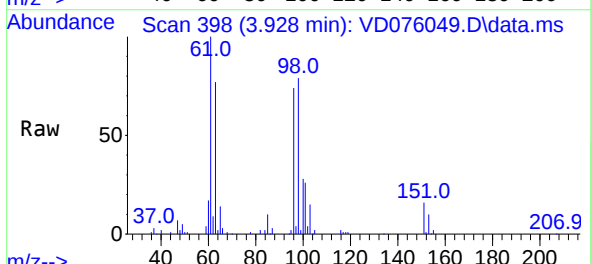
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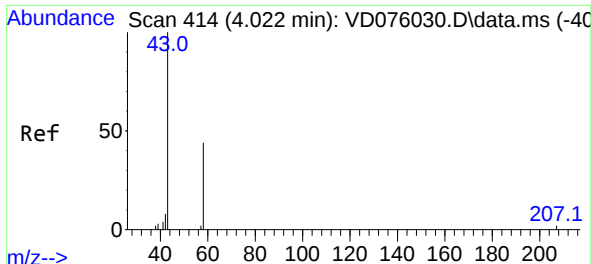
Tgt Ion:101 Resp: 132379
Ion Ratio Lower Upper
101 100
85 40.9 32.9 49.3
151 75.6 57.2 85.8



#12
1,1-Dichloroethene
Concen: 27.044 ug/L
RT: 3.928 min Scan# 398
Delta R.T. -0.012 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion: 96 Resp: 118186
Ion Ratio Lower Upper
96 100
61 134.3 92.6 172.0
63 102.8 77.4 143.8

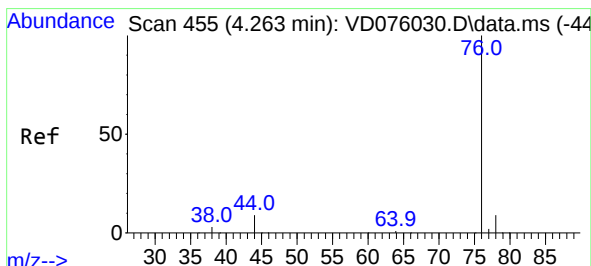
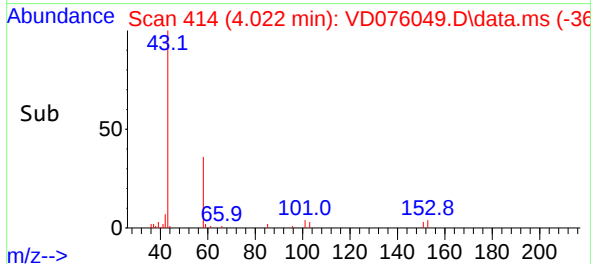
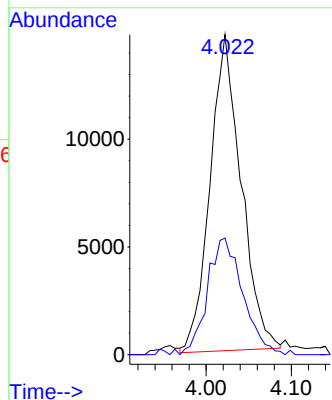
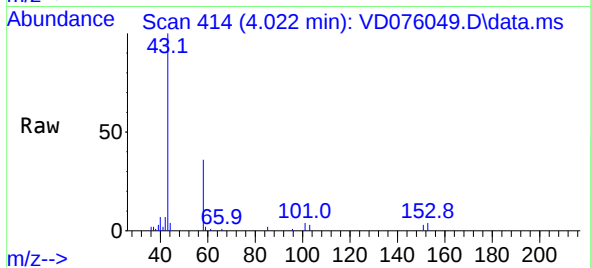




#13
Acetone
Concen: 68.583 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

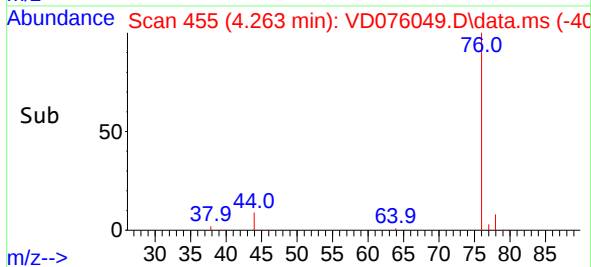
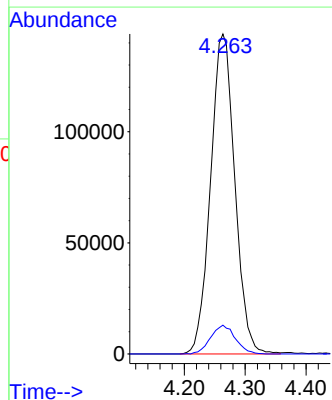
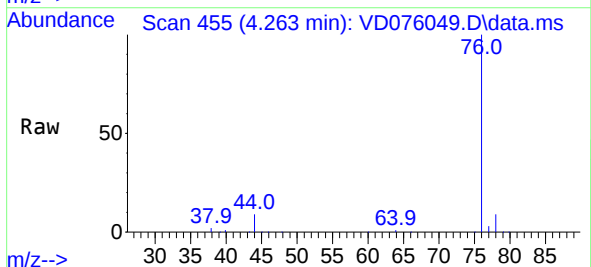
Instrument :
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VSTD025153

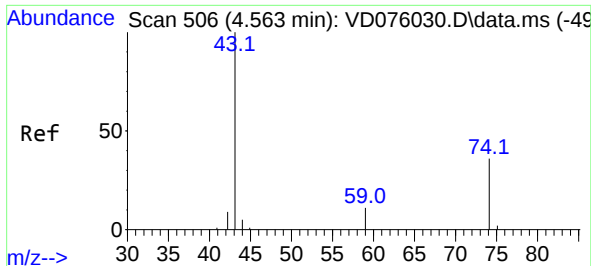
Tgt Ion: 43 Resp: 37151
Ion Ratio Lower Upper
43 100
58 41.8 0.0 87.4



#14
Carbon disulfide
Concen: 26.097 ug/L
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion: 76 Resp: 398359
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

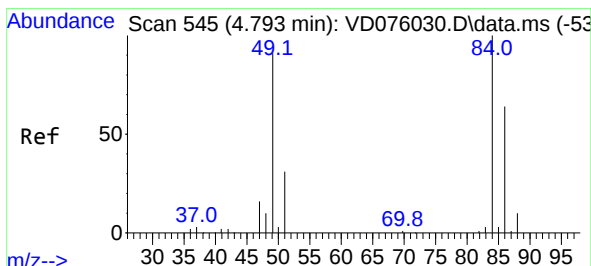
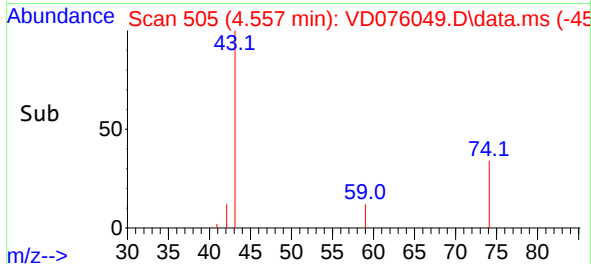
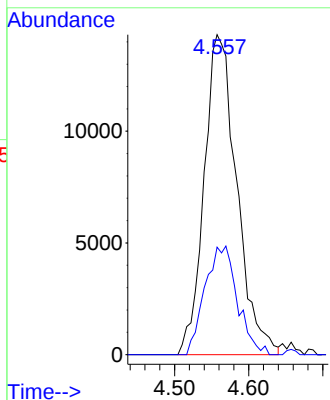
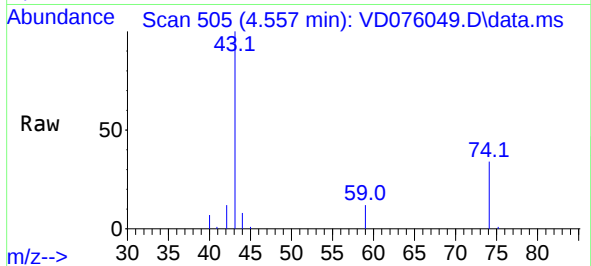




#15
Methyl Acetate
Concen: 37.287 ug/L
RT: 4.557 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

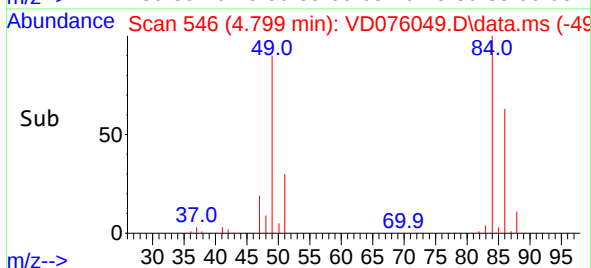
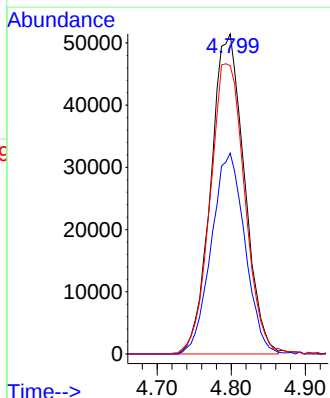
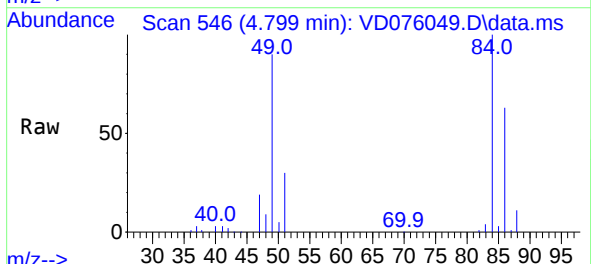
Instrument :
MSVOA_D
ClientSampleId :
VSTD025153

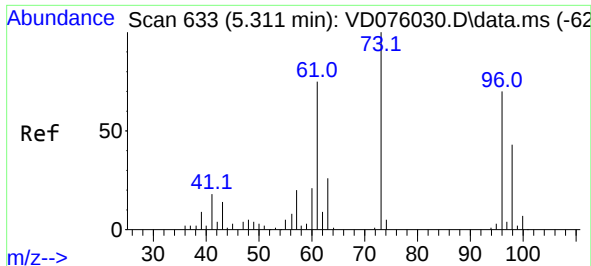
Tgt Ion: 43 Resp: 43773
Ion Ratio Lower Upper
43 100
74 33.4 12.8 19.2#



#16
Methylene chloride
Concen: 23.922 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

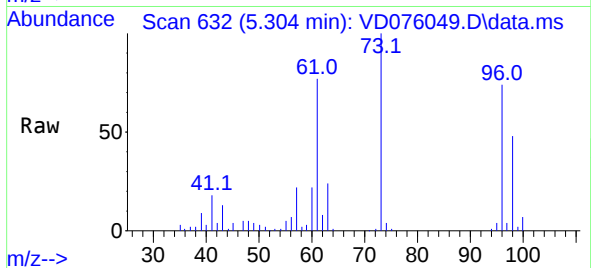
Tgt Ion: 84 Resp: 161295
Ion Ratio Lower Upper
84 100
86 62.8 45.8 85.2
49 90.1 60.8 112.8



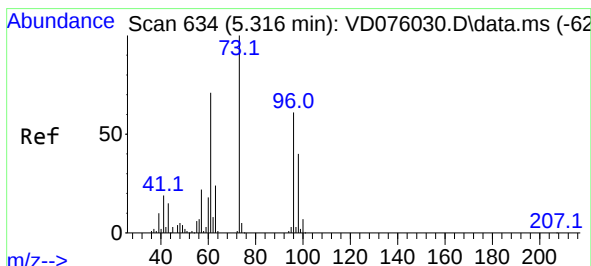
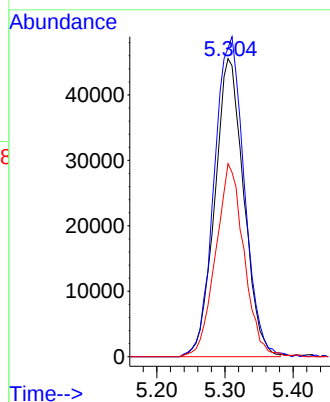
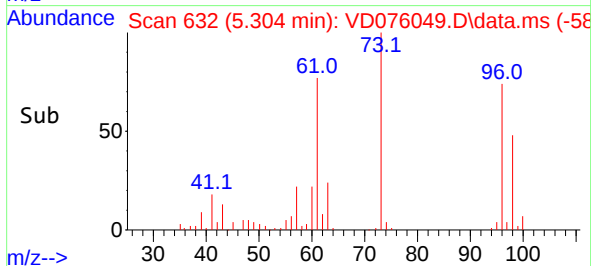


#17
trans-1,2-Dichloroethene
Concen: 27.553 ug/L
RT: 5.304 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

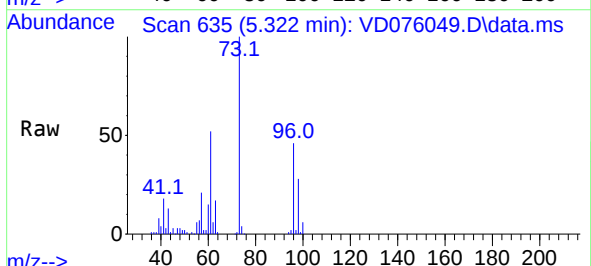
Instrument :
MSVOA_D
ClientSampleId :
VSTD025153



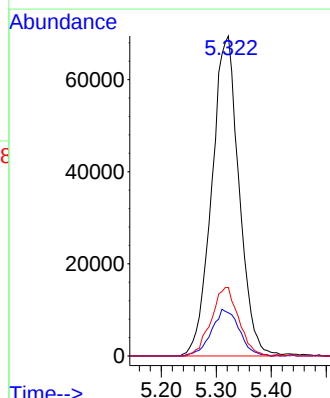
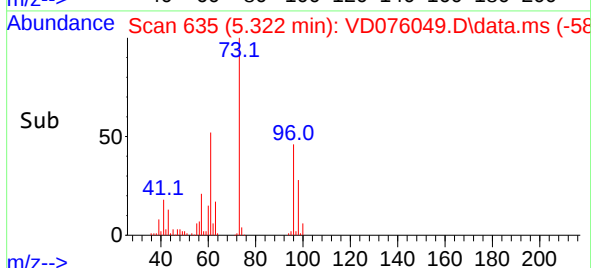
Tgt Ion: 96 Resp: 135016
Ion Ratio Lower Upper
96 100
61 103.6 72.9 135.5
98 64.7 43.0 79.8

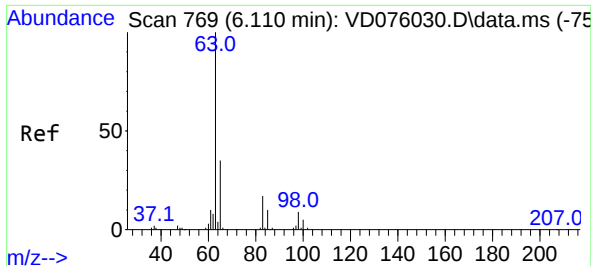


#18
Methyl tert-butyl Ether
Concen: 30.414 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04



Tgt Ion: 73 Resp: 239068
Ion Ratio Lower Upper
73 100
43 14.8 11.3 16.9
57 21.7 16.3 24.5

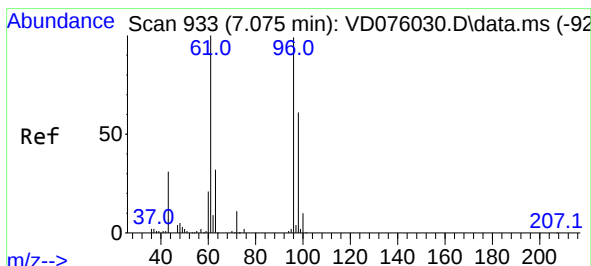
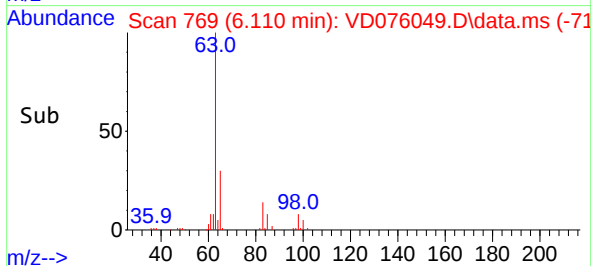
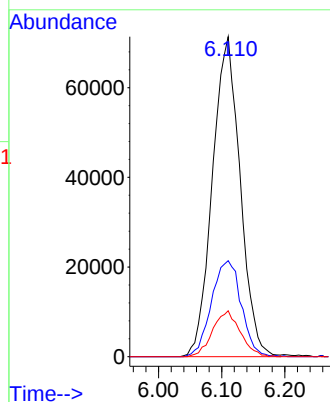
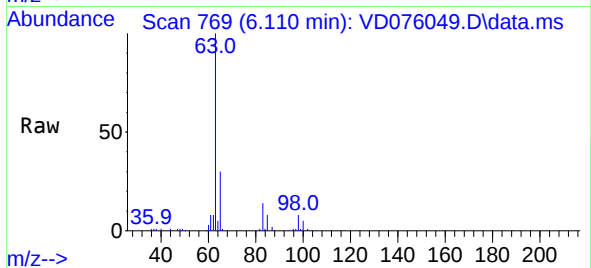




#19
1,1-Dichloroethane
Concen: 30.324 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.006 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

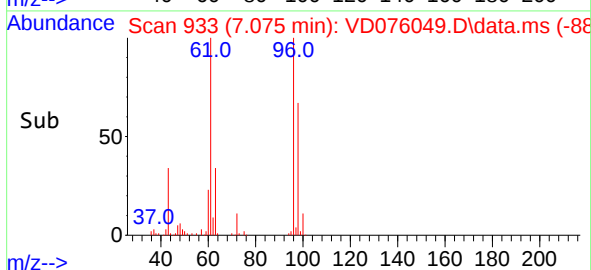
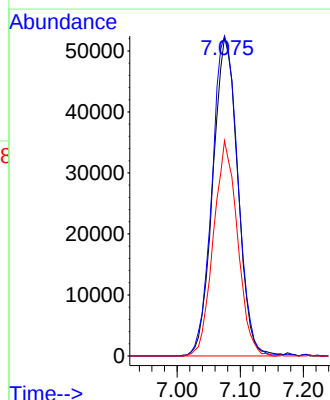
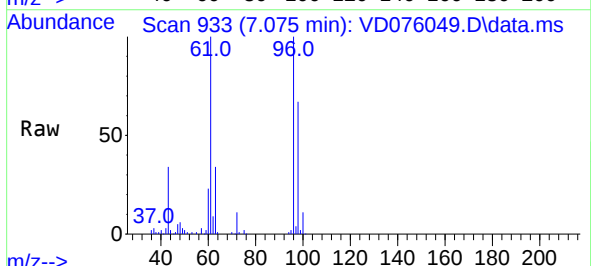
Instrument :
MSVOA_D
ClientSampleId :
VSTD025153

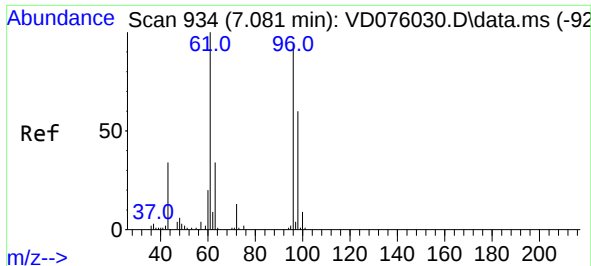
Tgt Ion: 63 Resp: 217689
Ion Ratio Lower Upper
63 100
65 30.0 22.8 42.4
83 14.4 11.2 20.8



#20
cis-1,2-Dichloroethene
Concen: 27.576 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion: 96 Resp: 142888
Ion Ratio Lower Upper
96 100
61 100.4 67.5 125.3
98 67.5 47.5 88.1

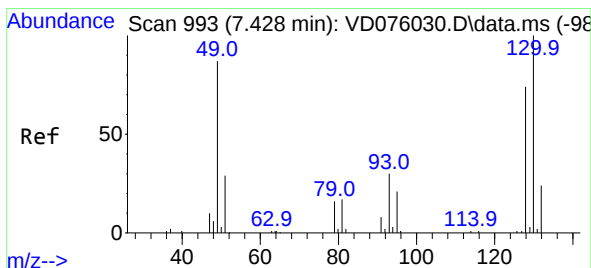
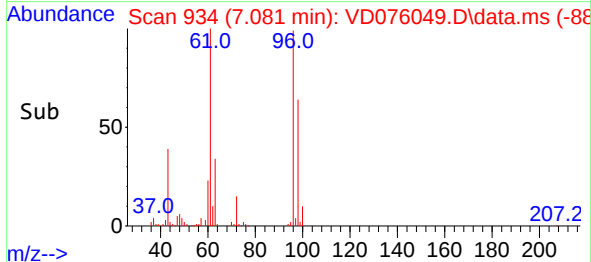
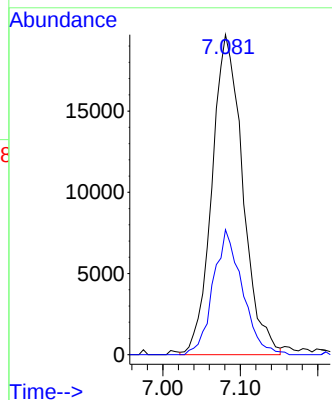
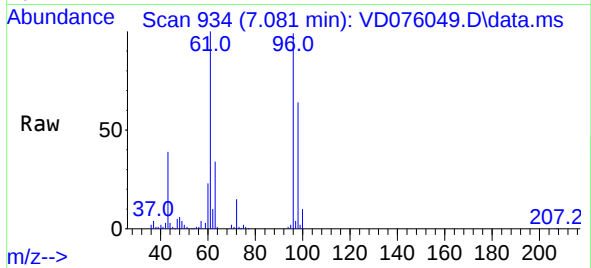




#22
2-Butanone
Concen: 77.170 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

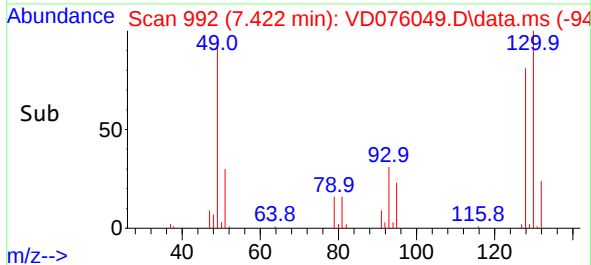
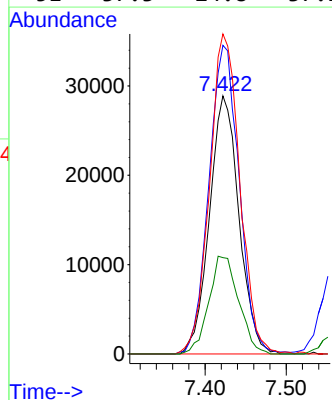
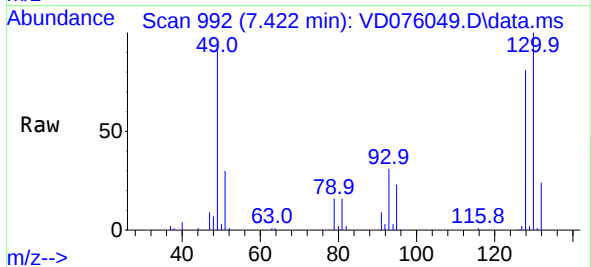
Instrument :
MSVOA_D
ClientSampleId :
VSTD025153

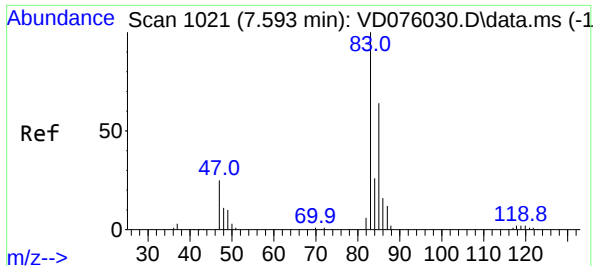
Tgt Ion: 43 Resp: 54497
Ion Ratio Lower Upper
43 100
72 36.9 20.5 61.5



#23
Bromochloromethane
Concen: 30.402 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion: 128 Resp: 73057
Ion Ratio Lower Upper
128 100
49 119.5 76.4 142.0
130 124.0 93.5 173.7
51 37.3 24.8 37.2#





#25

Chloroform

Concen: 29.026 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD076049.D

Acq: 08 May 2023 20:04

Instrument :

MSVOA_D

ClientSampleId :

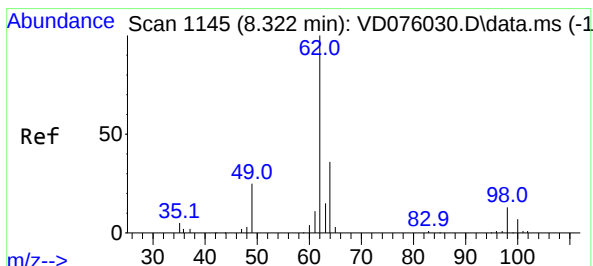
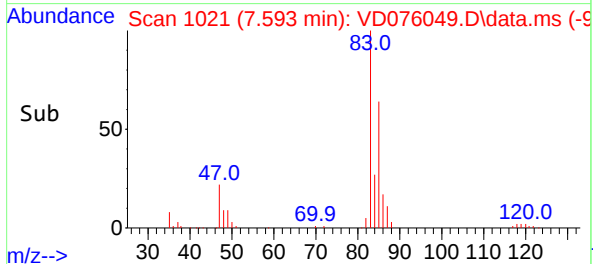
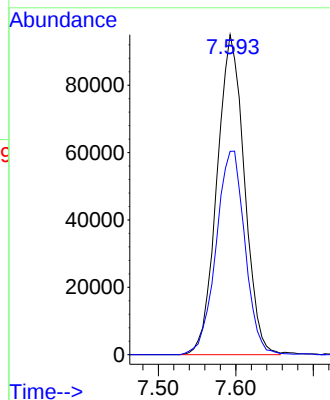
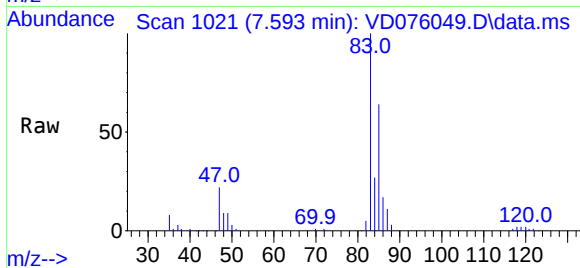
VSTD025153

Tgt Ion: 83 Resp: 233526

Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.5



#27

1,2-Dichloroethane

Concen: 32.274 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD076049.D

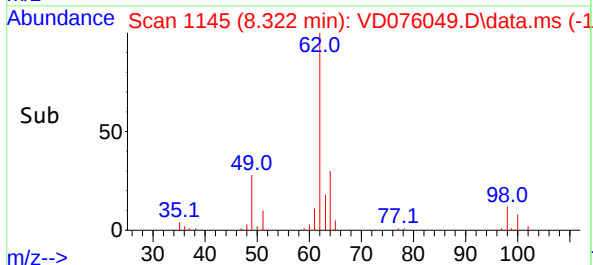
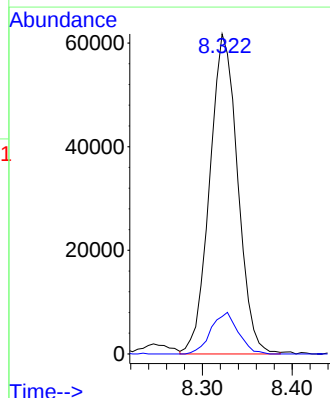
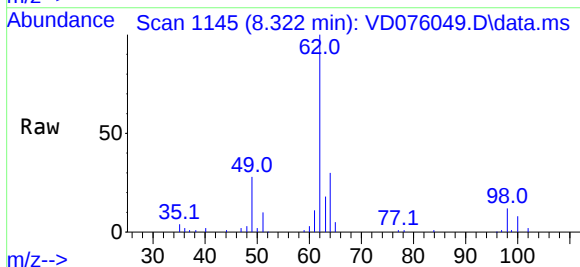
Acq: 08 May 2023 20:04

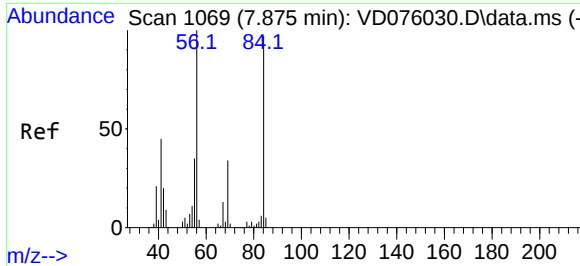
Tgt Ion: 62 Resp: 134032

Ion Ratio Lower Upper

62 100

98 11.7 10.2 15.2





#29

Cyclohexane

Concen: 30.281 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076049.D

Acq: 08 May 2023 20:04

Instrument :

MSVOA_D

ClientSampleId :

VSTD025153

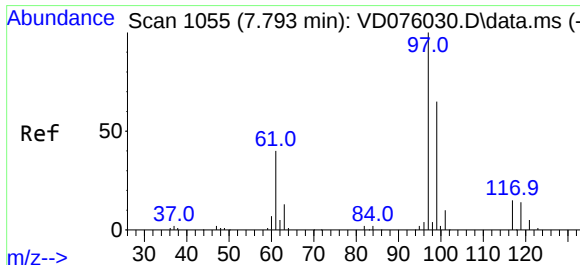
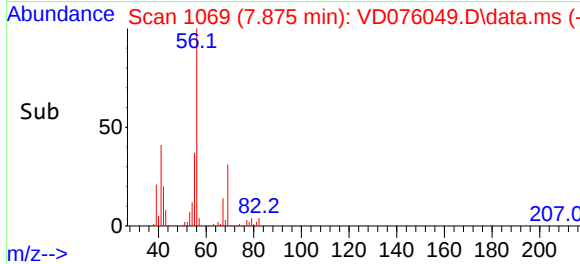
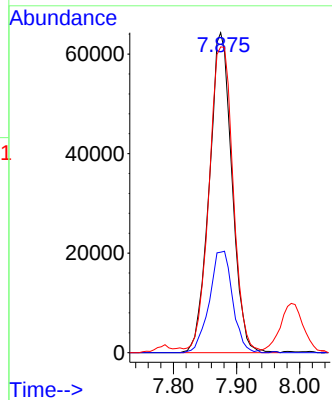
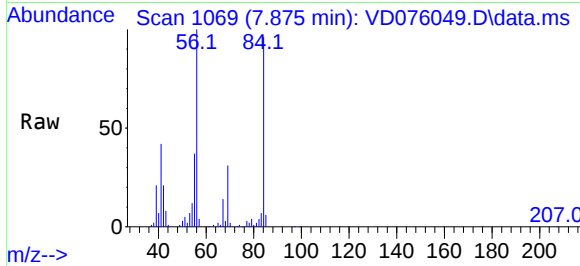
Tgt Ion: 56 Resp: 160504

Ion Ratio Lower Upper

56 100

69 32.5 28.2 42.2

84 101.3 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 28.016 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD076049.D

Acq: 08 May 2023 20:04

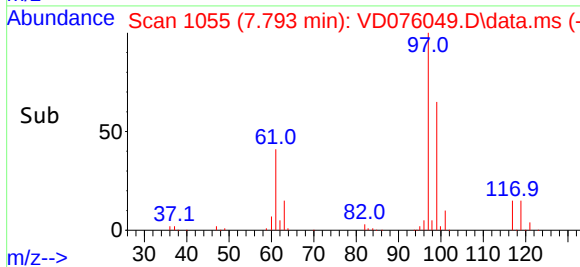
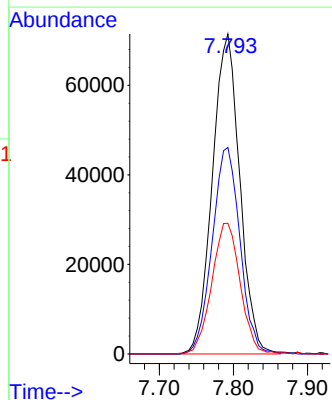
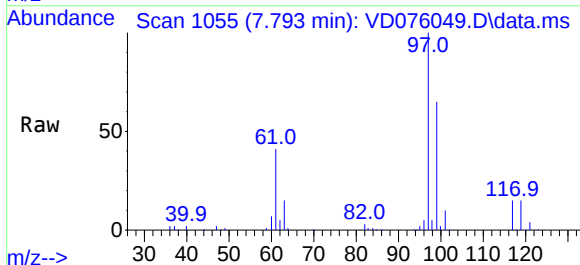
Tgt Ion: 97 Resp: 183533

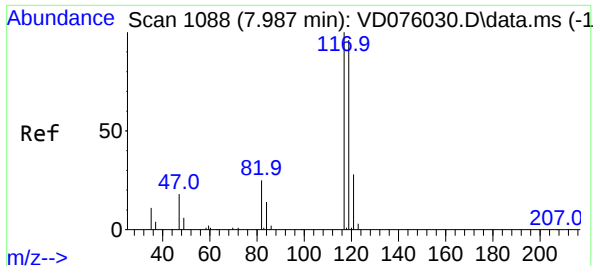
Ion Ratio Lower Upper

97 100

99 65.4 51.5 77.3

61 42.4 32.1 48.1

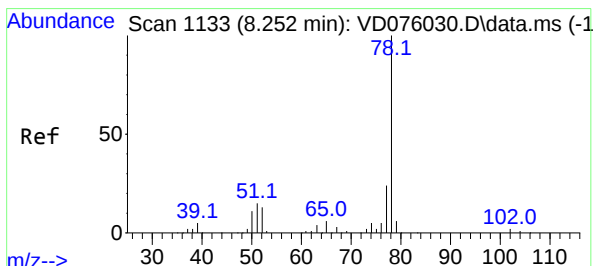
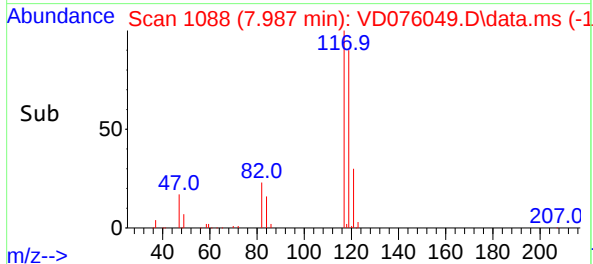
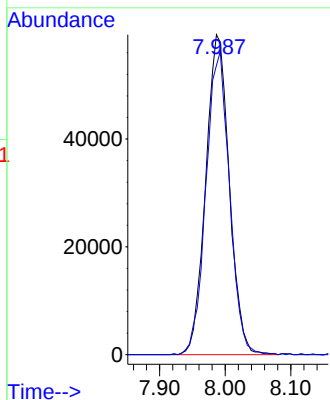
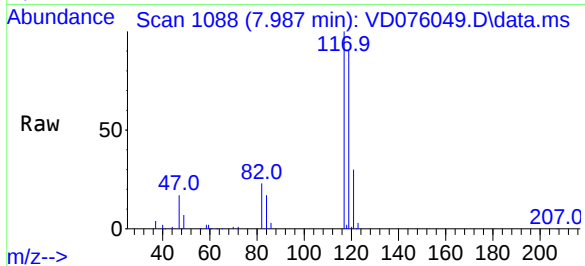




#31
Carbon tetrachloride
Concen: 28.220 ug/L
RT: 7.987 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

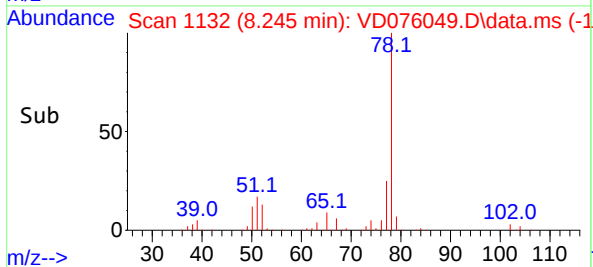
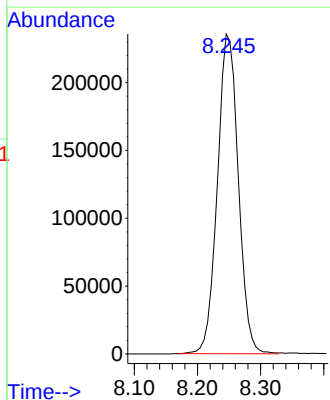
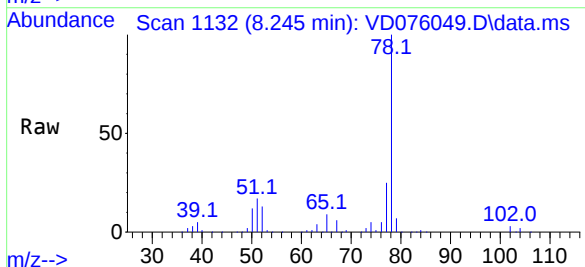
Instrument :
MSVOA_D
ClientSampleId :
VSTD025153

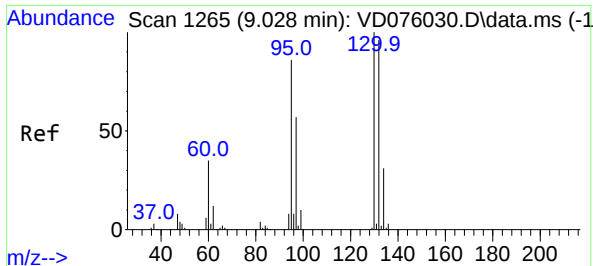
Tgt Ion:117 Resp: 148319
Ion Ratio Lower Upper
117 100
119 94.8 78.2 117.4



#33
Benzene
Concen: 28.969 ug/L
RT: 8.245 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion: 78 Resp: 542559



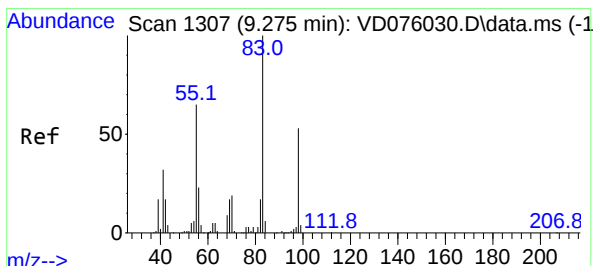
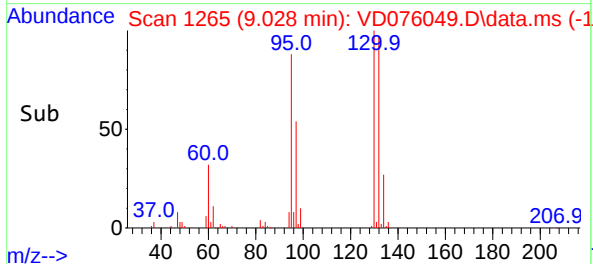
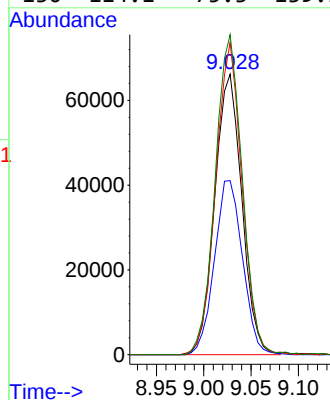
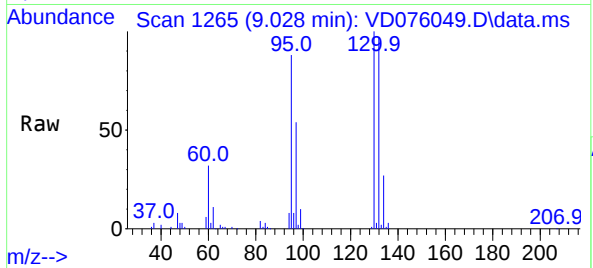


#34
Trichloroethene
Concen: 27.262 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Instrument :
MSVOA_D
ClientSampleId :
VSTD025153

Tgt Ion: 95 Resp: 132040

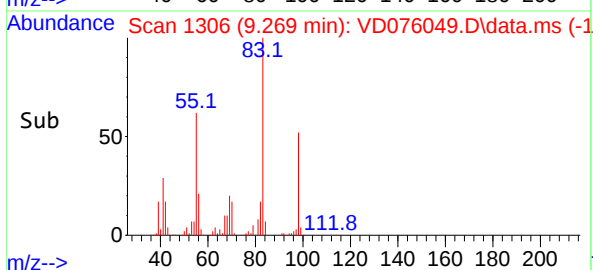
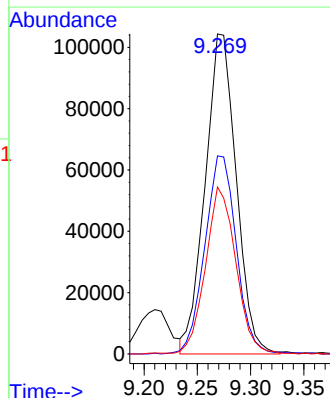
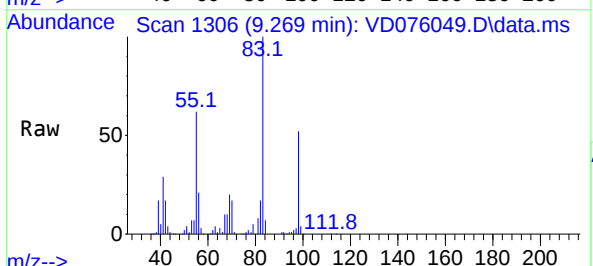
Ion	Ratio	Lower	Upper
95	100		
97	62.1	46.0	85.4
132	111.2	73.3	136.1
130	114.1	75.3	139.9

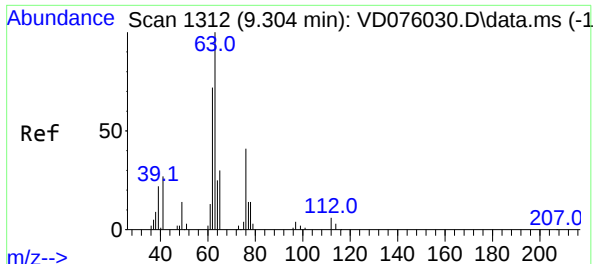


#35
Methylcyclohexane
Concen: 28.381 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion: 83 Resp: 211932

Ion	Ratio	Lower	Upper
83	100		
55	62.8	48.2	72.2
98	50.8	40.8	61.2

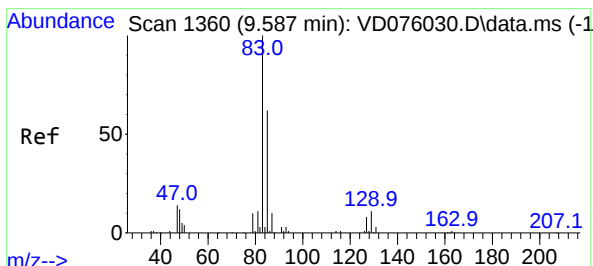
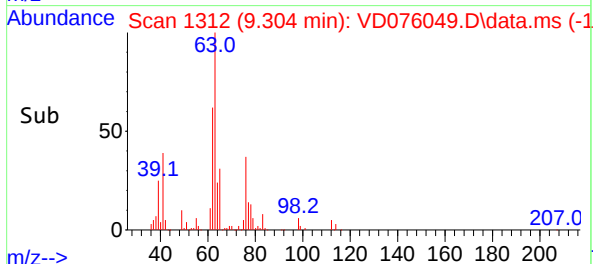
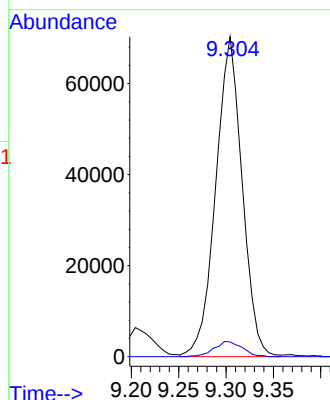
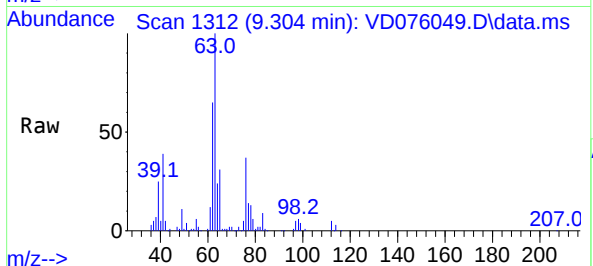




#37
1,2-Dichloropropane
Concen: 31.701 ug/L
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

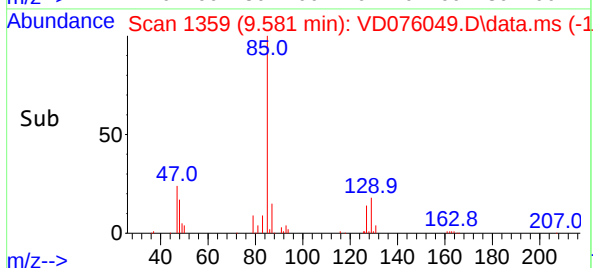
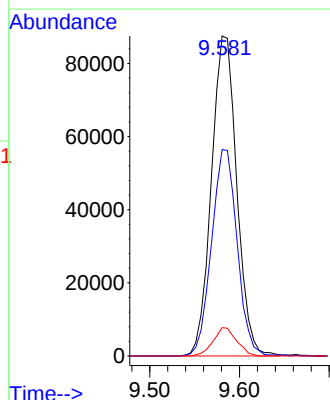
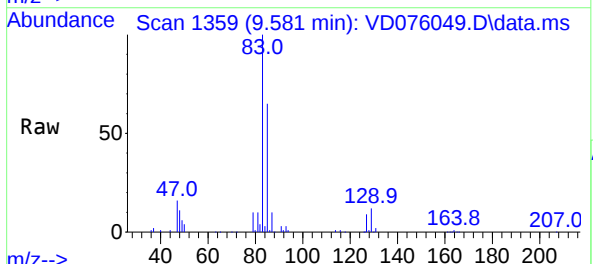
Instrument :
MSVOA_D
ClientSampleId :
VSTD025153

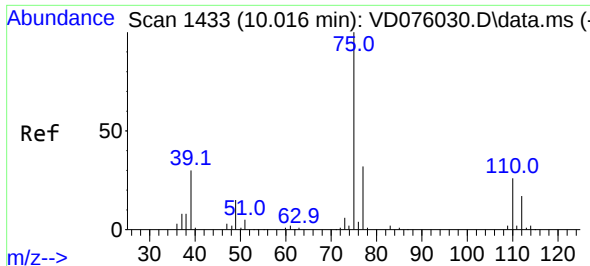
Tgt Ion: 63 Resp: 136382
Ion Ratio Lower Upper
63 100
112 5.1 4.0 6.0



#38
Bromodichloromethane
Concen: 29.622 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion: 83 Resp: 171835
Ion Ratio Lower Upper
83 100
85 64.5 44.2 82.2
127 8.9 6.3 9.5

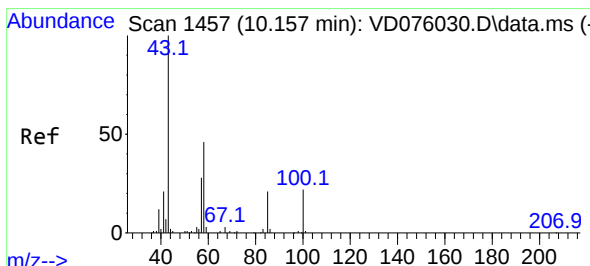
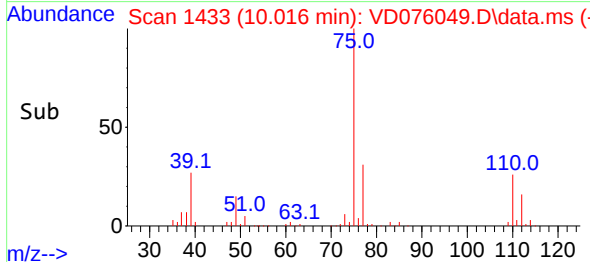
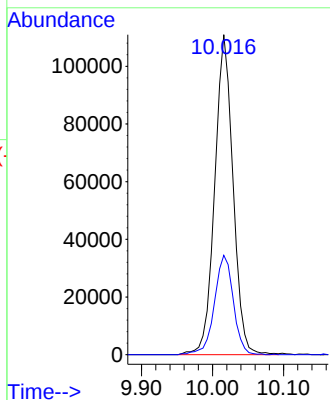
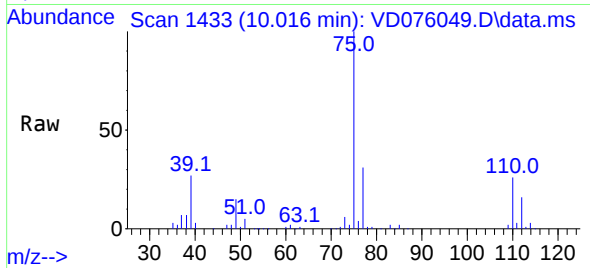




#39
cis-1,3-Dichloropropene
Concen: 28.955 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

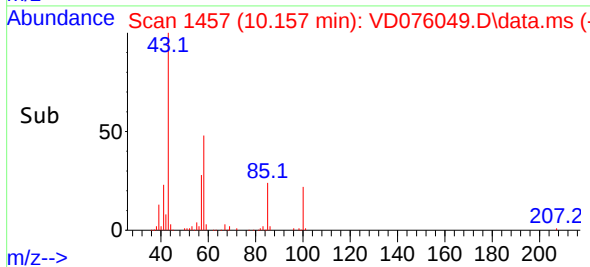
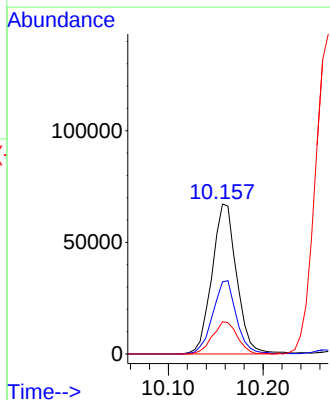
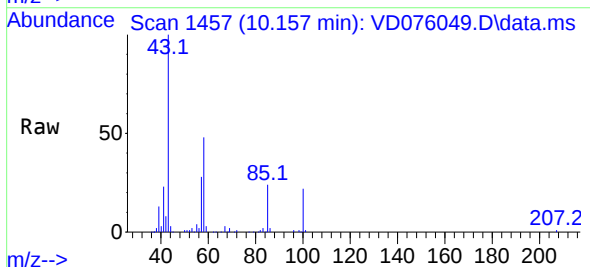
Instrument :
MSVOA_D
ClientSampleId :
VSTD025153

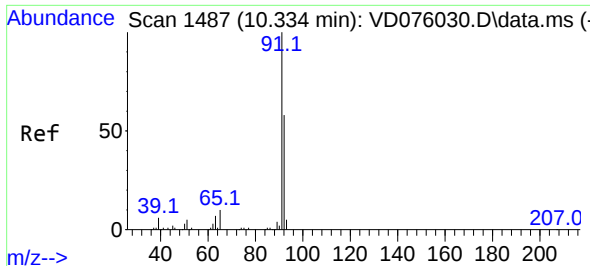
Tgt Ion: 75 Resp: 198112
Ion Ratio Lower Upper
75 100
77 31.1 23.4 43.6



#40
4-Methyl-2-pentanone
Concen: 77.658 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion: 43 Resp: 121811
Ion Ratio Lower Upper
43 100
58 46.9 39.1 58.7
100 21.4 19.4 29.0

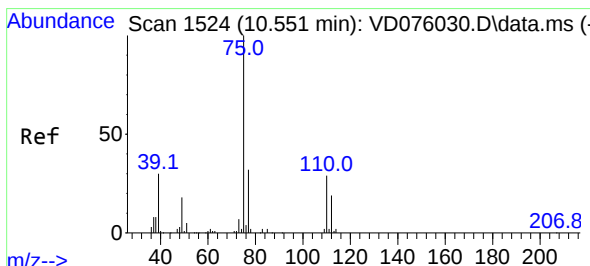
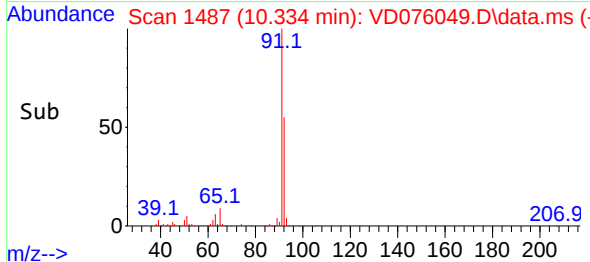
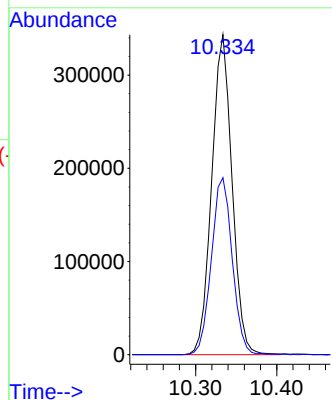
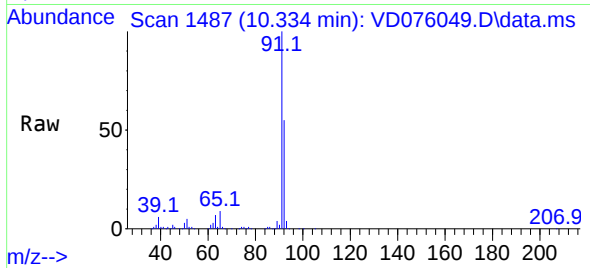




#42
Toluene
Concen: 29.461 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

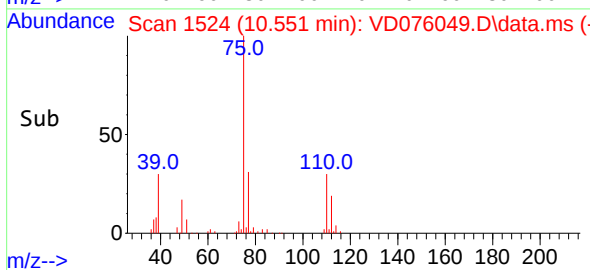
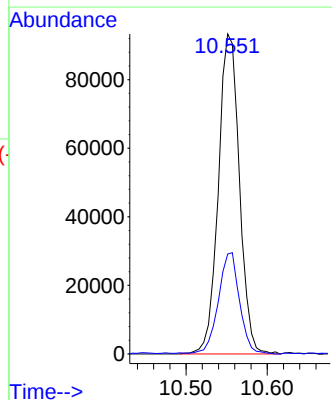
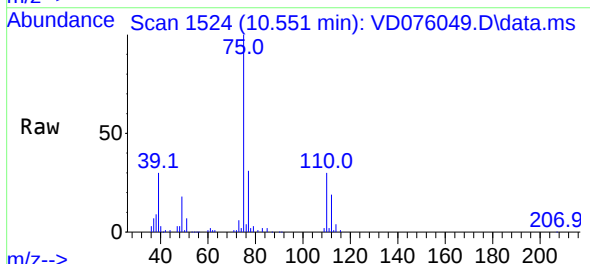
Instrument :
MSVOA_D
ClientSampleId :
VSTD025153

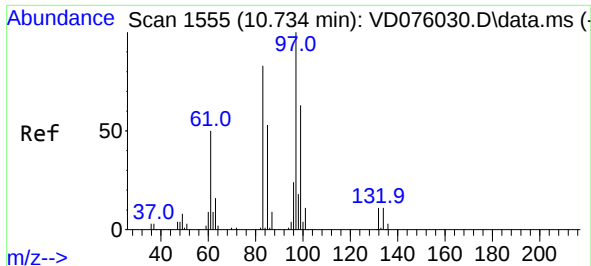
Tgt Ion: 91 Resp: 597116
Ion Ratio Lower Upper
91 100
92 55.3 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 30.648 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion: 75 Resp: 168455
Ion Ratio Lower Upper
75 100
77 31.3 22.0 41.0

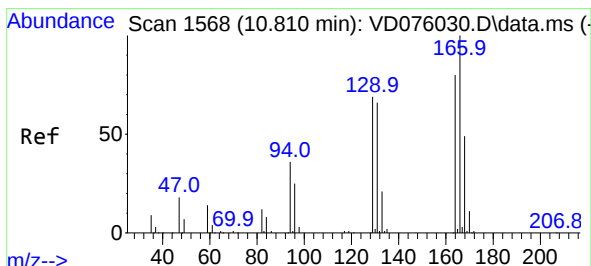
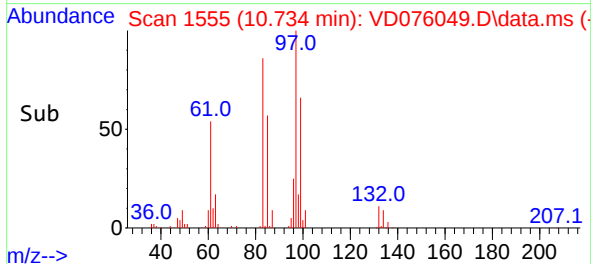
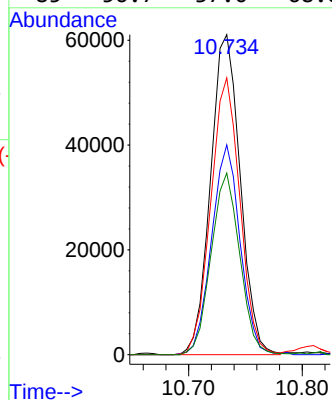
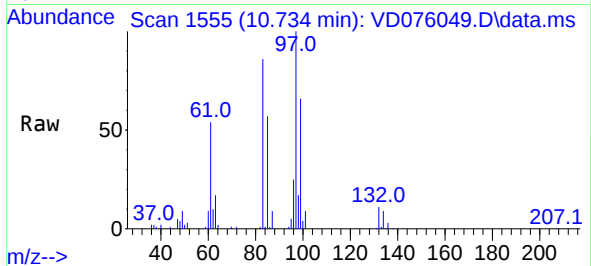




#45
1,1,2-Trichloroethane
Concen: 30.331 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

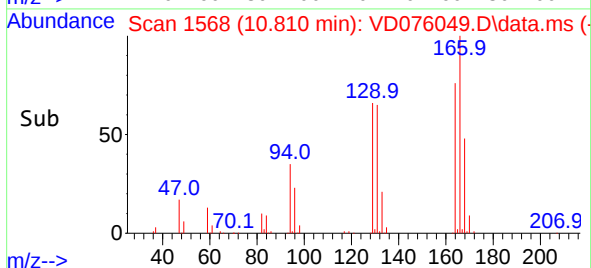
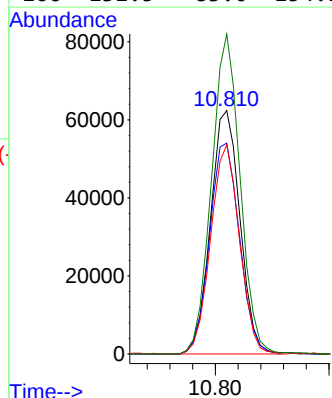
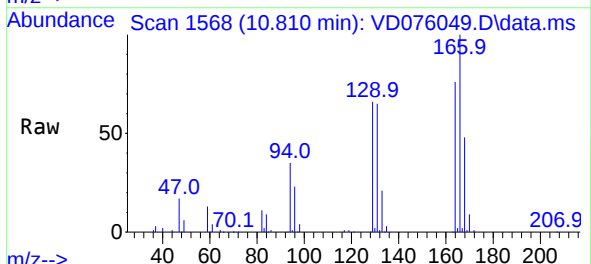
Instrument :
MSVOA_D
ClientSampleId :
VSTD025153

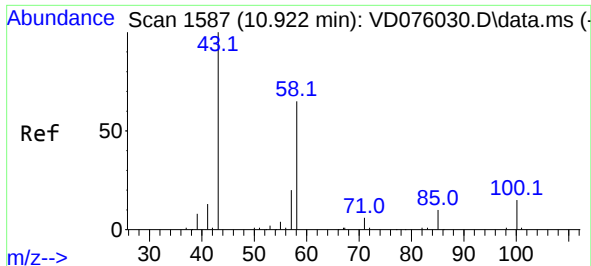
Tgt Ion:	97	Resp:	111015
Ion	Ratio	Lower	Upper
97	100		
99	65.5	42.2	78.4
83	86.5	54.8	101.8
85	56.7	37.0	68.8



#46
Tetrachloroethene
Concen: 28.274 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion:	164	Resp:	112323
Ion	Ratio	Lower	Upper
164	100		
129	86.6	60.3	112.1
131	85.9	58.9	109.3
166	131.5	83.0	154.1

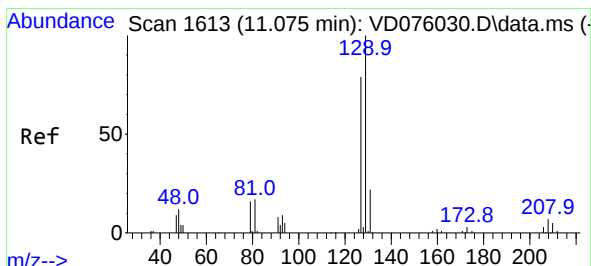
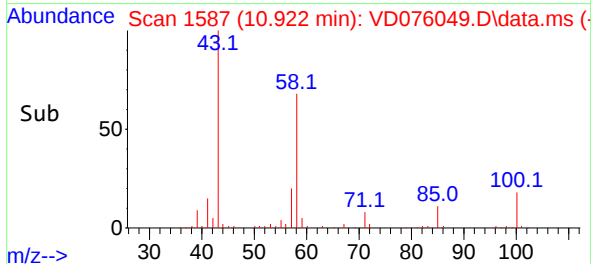
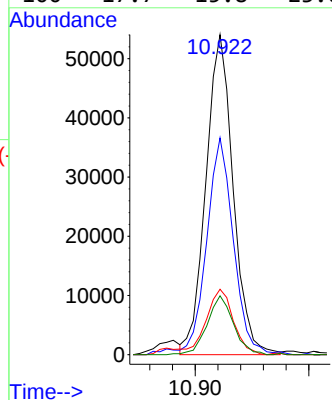
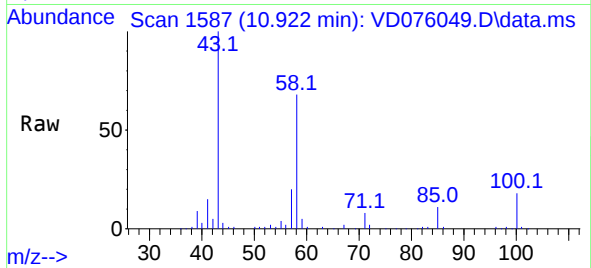




#48
2-Hexanone
Concen: 81.578 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

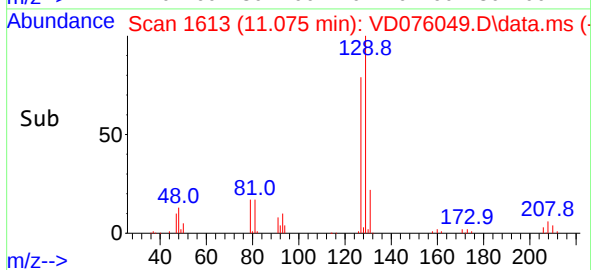
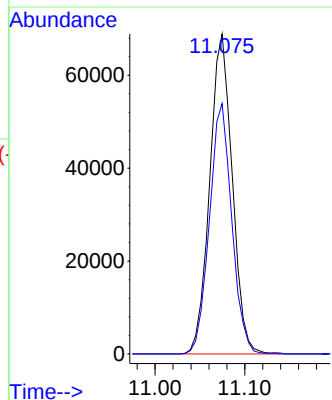
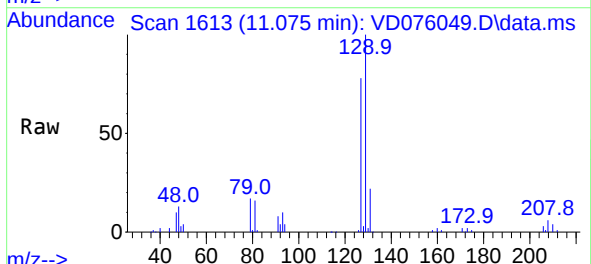
Instrument :
MSVOA_D
ClientSampleId :
VSTD025153

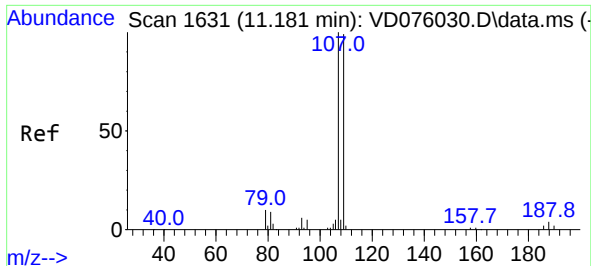
Tgt Ion:	43	Resp:	90209
Ion	Ratio	Lower	Upper
43	100		
58	65.7	59.7	89.5
57	20.1	17.9	26.9
100	17.7	15.8	23.6



#49
Dibromochloromethane
Concen: 30.139 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion:	129	Resp:	120088
Ion	Ratio	Lower	Upper
129	100		
127	78.3	55.6	103.4



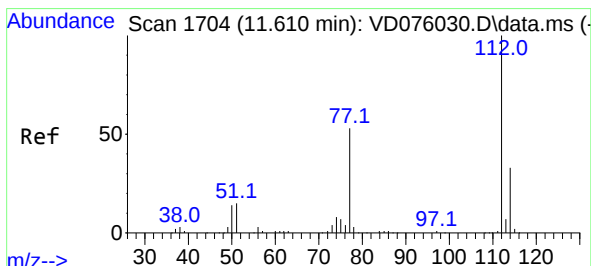
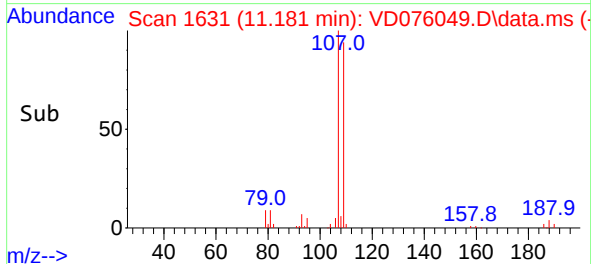
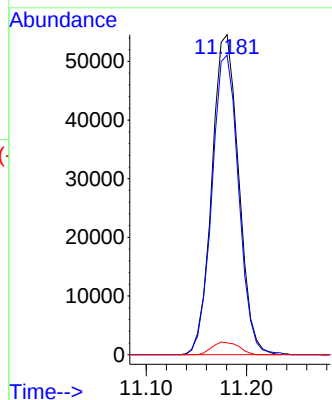
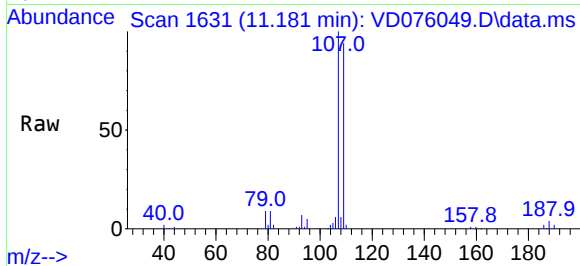


#50
1,2-Dibromoethane
Concen: 30.647 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Instrument :
MSVOA_D
ClientSampleId :
VSTD025153

Tgt Ion:107 Resp: 101128

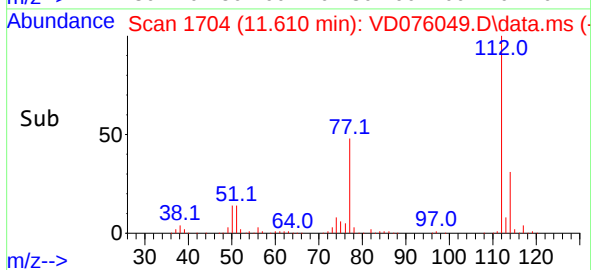
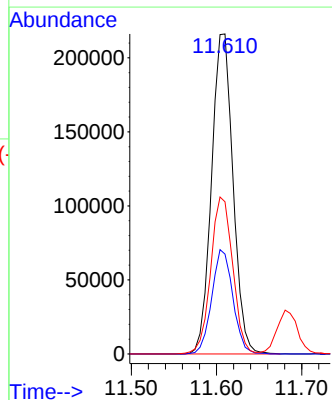
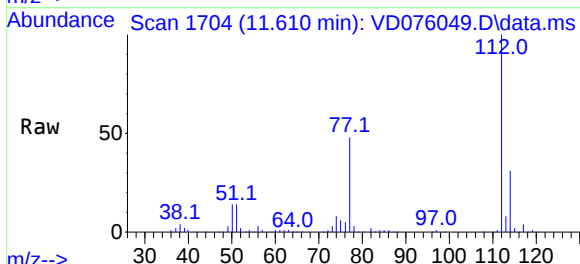
Ion	Ratio	Lower	Upper
107	100		
109	93.6	67.6	125.6
188	3.7	3.0	4.6

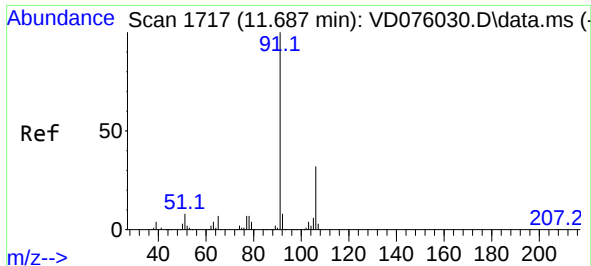


#51
Chlorobenzene
Concen: 28.570 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion:112 Resp: 378820

Ion	Ratio	Lower	Upper
112	100		
114	31.2	23.0	42.8
77	47.5	39.7	59.5

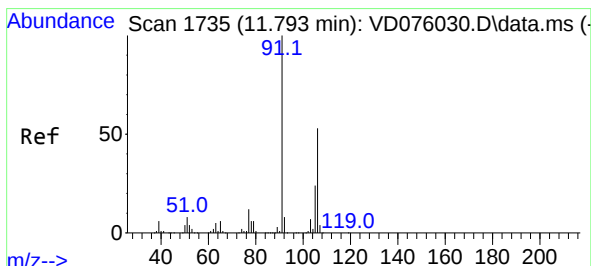
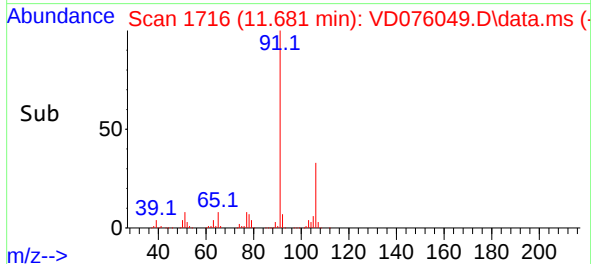
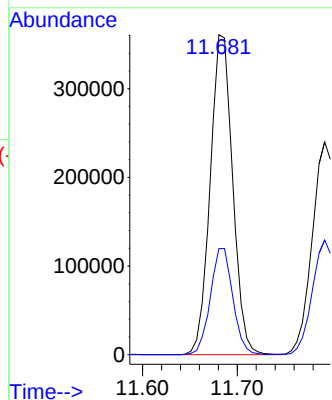
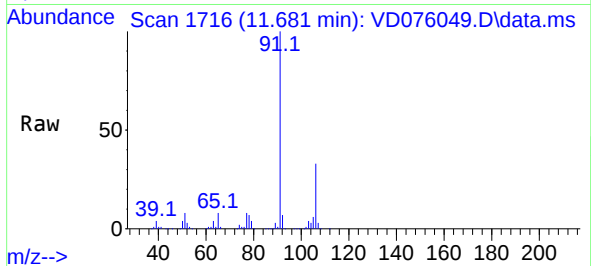




#52
Ethylbenzene
Concen: 28.605 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

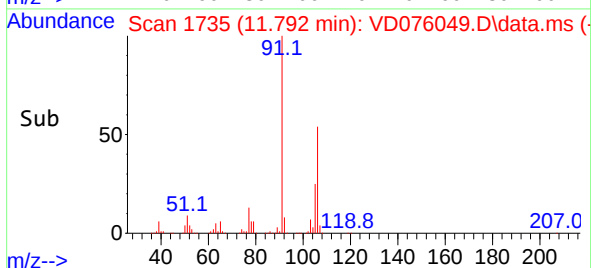
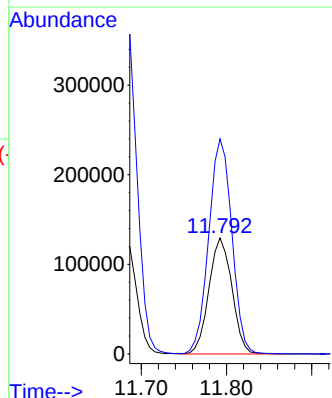
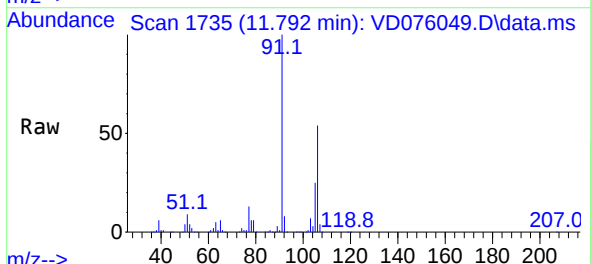
Instrument :
MSVOA_D
ClientSampleId :
VSTD025153

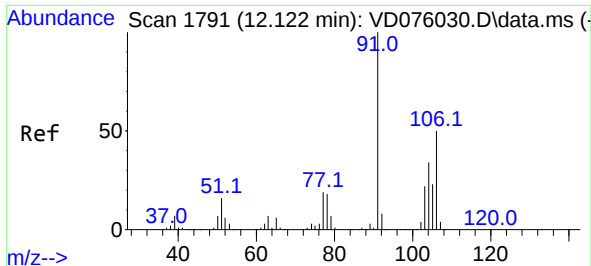
Tgt Ion: 91 Resp: 594503
Ion Ratio Lower Upper
91 100
106 33.1 23.7 43.9



#53
m,p-Xylene
Concen: 29.297 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion: 106 Resp: 242457
Ion Ratio Lower Upper
106 100
91 185.4 130.9 243.1

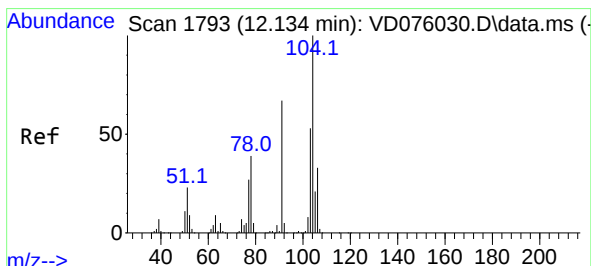
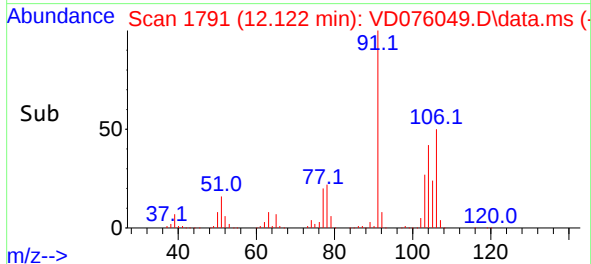
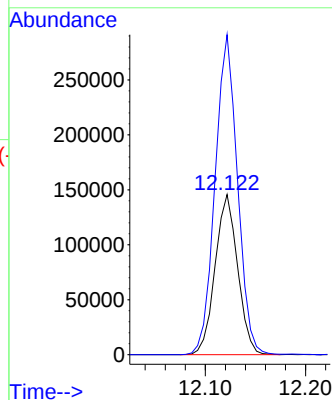
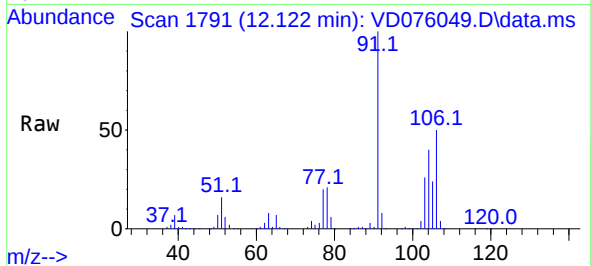




#54
o-Xylene
Concen: 28.908 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

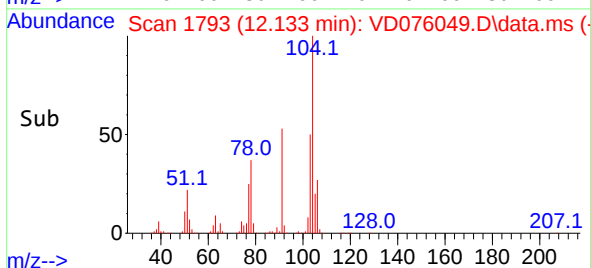
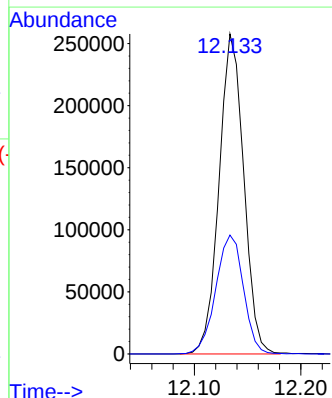
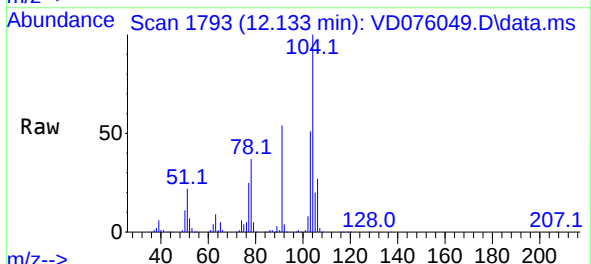
Instrument :
MSVOA_D
ClientSampleId :
VSTD025153

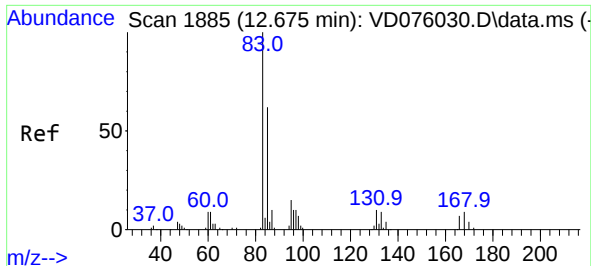
Tgt Ion:106 Resp: 227226
Ion Ratio Lower Upper
106 100
91 199.7 139.8 259.6



#55
Styrene
Concen: 30.309 ug/L
RT: 12.133 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion:104 Resp: 414657
Ion Ratio Lower Upper
104 100
78 37.2 26.2 48.6

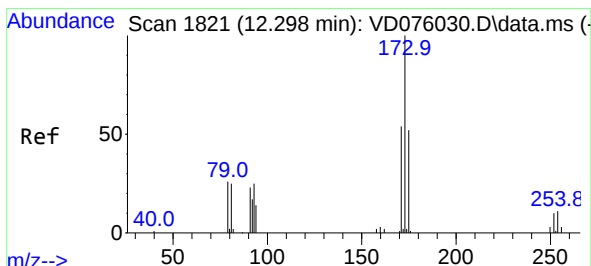
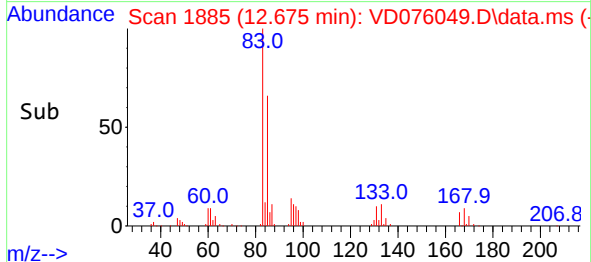
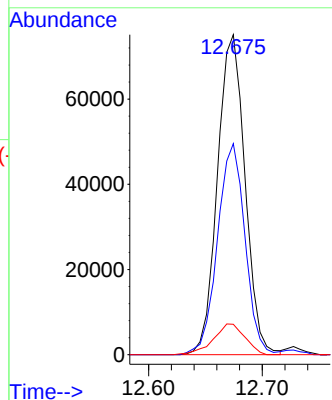
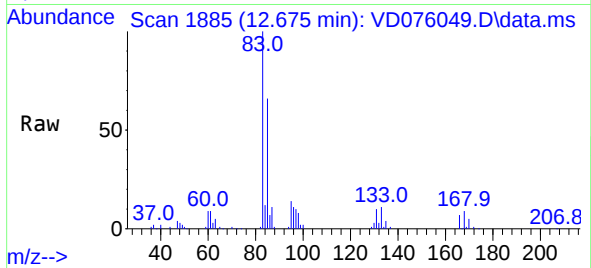




#57
1,1,2,2-Tetrachloroethane
Concen: 34.010 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

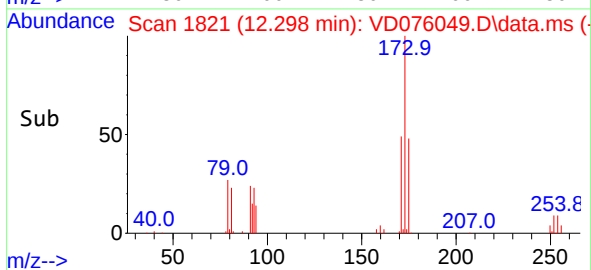
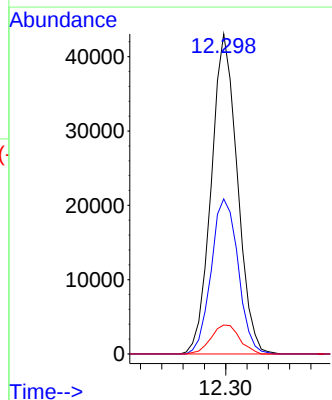
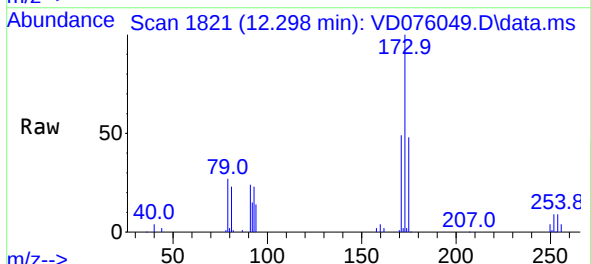
Instrument :
MSVOA_D
ClientSampleId :
VSTD025153

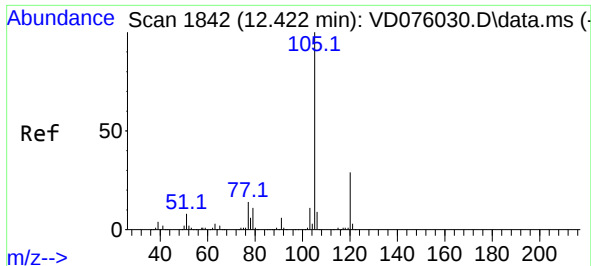
Tgt Ion: 83 Resp: 126654
Ion Ratio Lower Upper
83 100
85 65.9 45.1 83.7
131 9.5 7.0 10.6



#59
Bromoform
Concen: 28.839 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion: 173 Resp: 73127
Ion Ratio Lower Upper
173 100
175 50.1 39.4 59.0
254 9.9 7.4 11.2

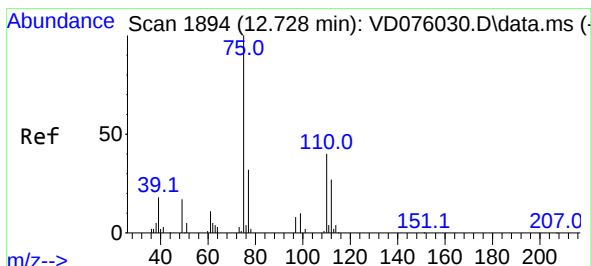
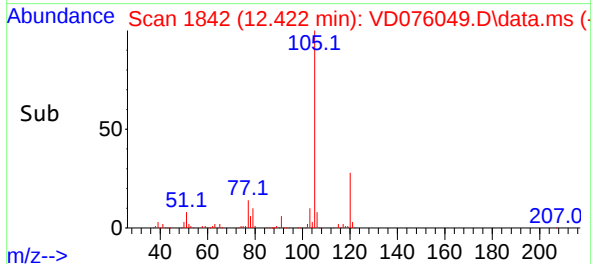
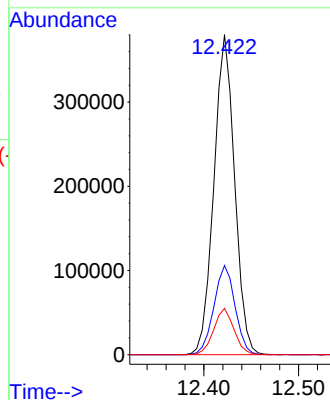
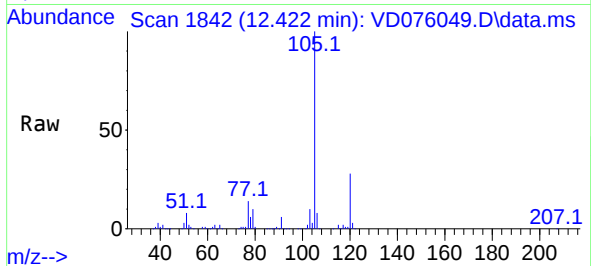




#60
Isopropylbenzene
Concen: 26.347 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

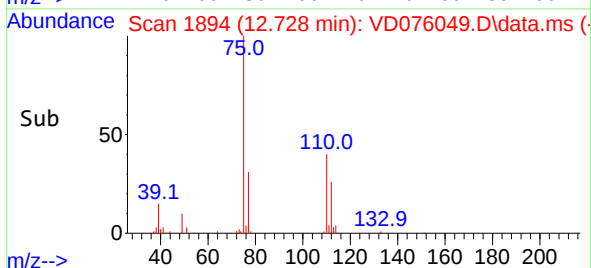
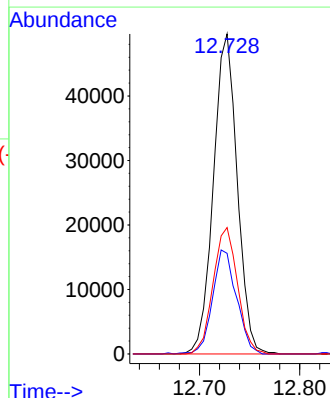
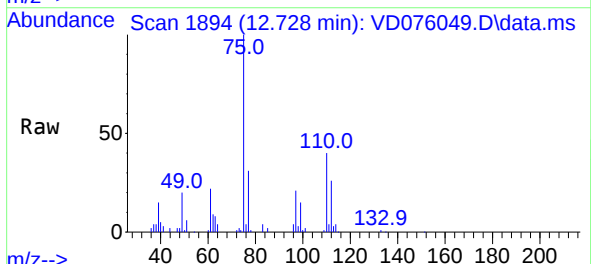
Instrument :
MSVOA_D
ClientSampleId :
VSTD025153

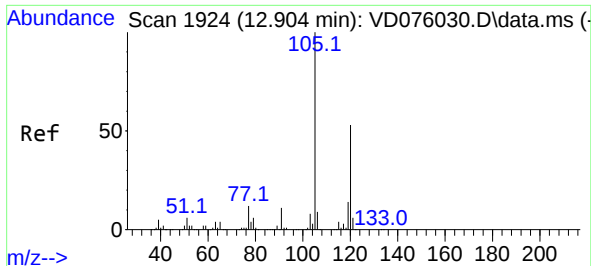
Tgt Ion:105 Resp: 578011
Ion Ratio Lower Upper
105 100
120 28.5 22.7 34.1
77 14.2 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 31.491 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion: 75 Resp: 81848
Ion Ratio Lower Upper
75 100
77 32.6 26.6 39.8
110 40.6 33.5 50.3

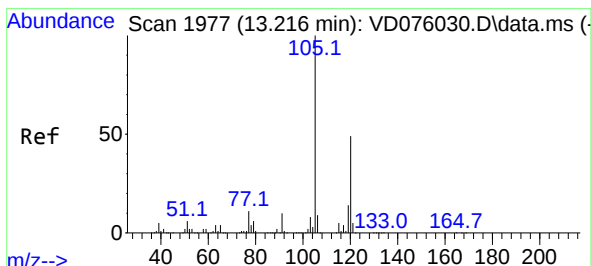
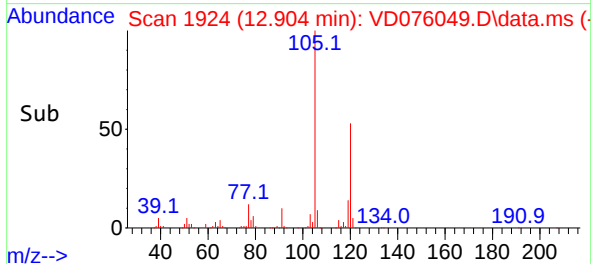
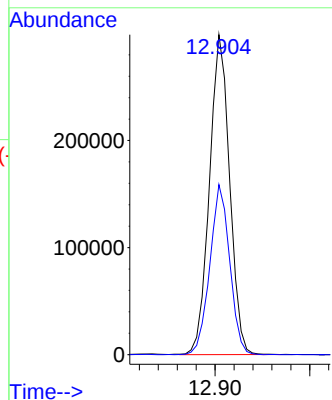
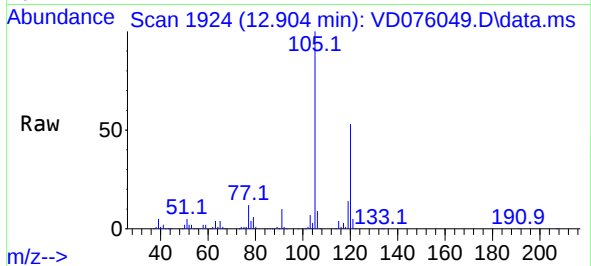




#62
1,3,5-Trimethylbenzene
Concen: 26.909 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

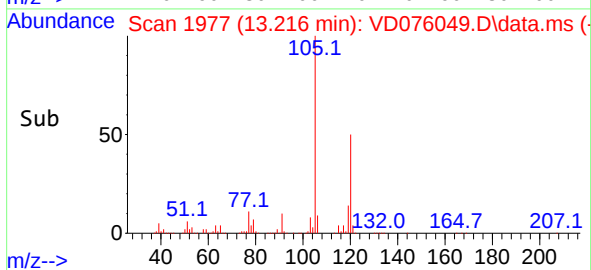
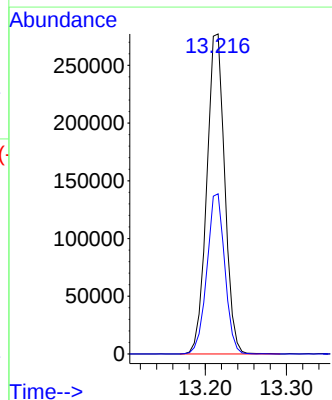
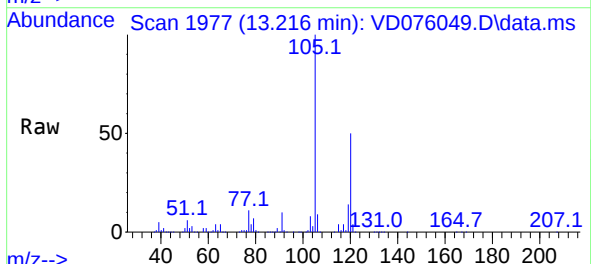
Instrument :
MSVOA_D
ClientSampleId :
VSTD025153

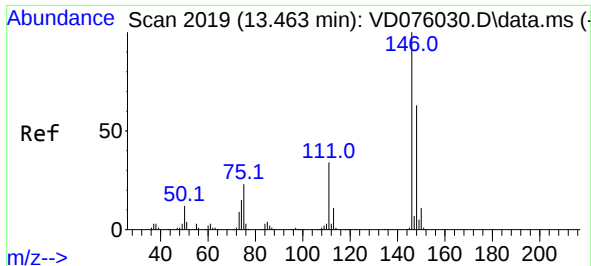
Tgt Ion:105 Resp: 440217
Ion Ratio Lower Upper
105 100
120 52.4 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 26.920 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion:105 Resp: 424512
Ion Ratio Lower Upper
105 100
120 49.8 39.0 58.6

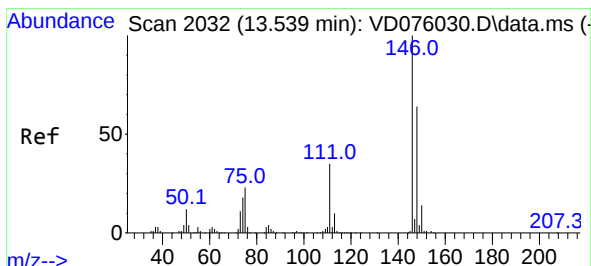
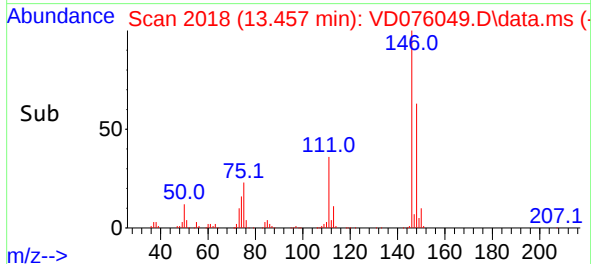
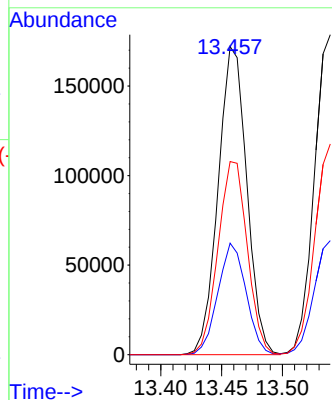
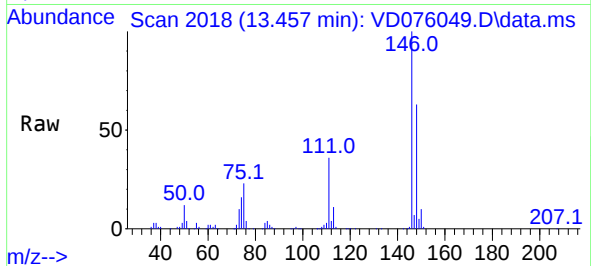




#64
1,3-Dichlorobenzene
Concen: 26.888 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

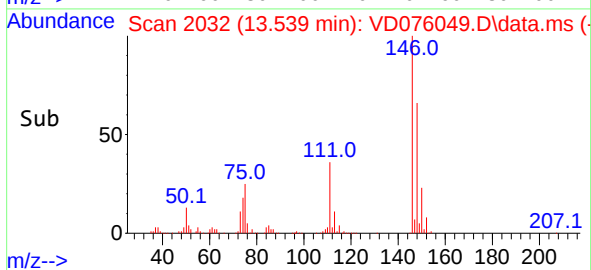
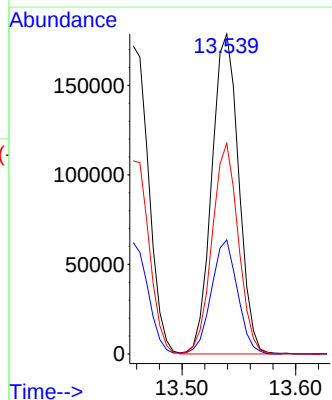
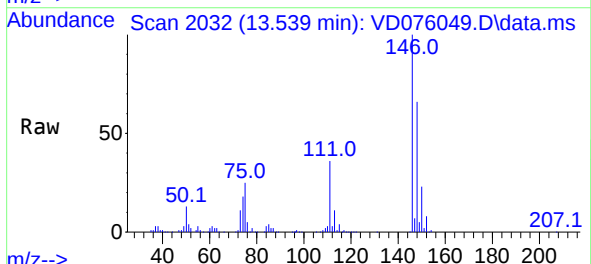
Instrument :
MSVOA_D
ClientSampleId :
VSTD025153

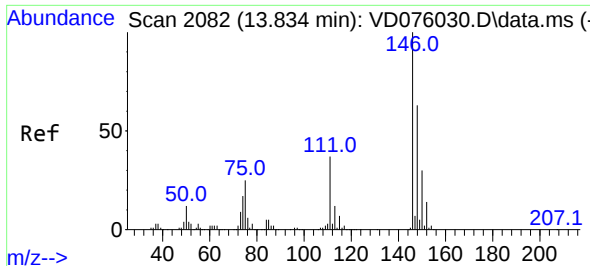
Tgt Ion:146 Resp: 282246
Ion Ratio Lower Upper
146 100
111 36.2 26.5 49.1
148 62.6 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 26.712 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion:146 Resp: 294281
Ion Ratio Lower Upper
146 100
111 35.7 24.6 45.8
148 65.9 44.4 82.4

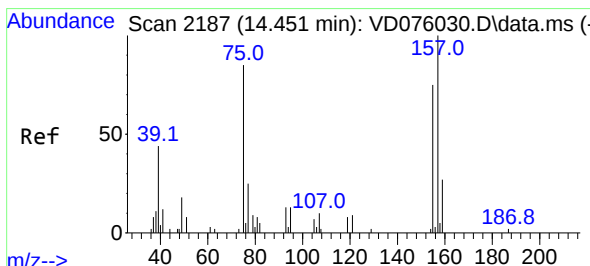
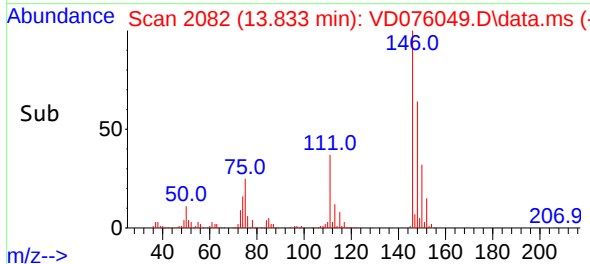
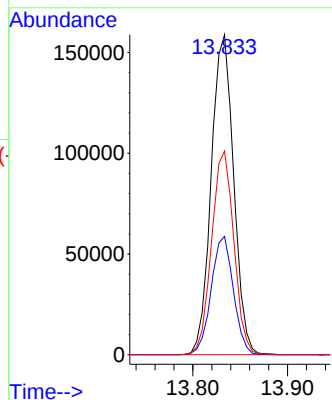
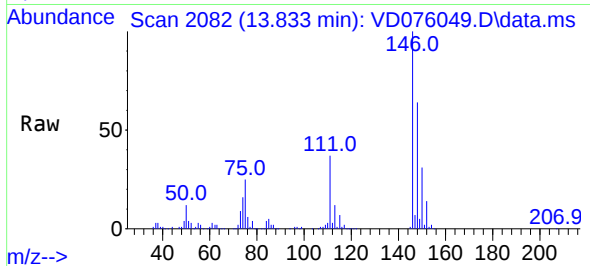




#67
1,2-Dichlorobenzene
Concen: 27.912 ug/L
RT: 13.833 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

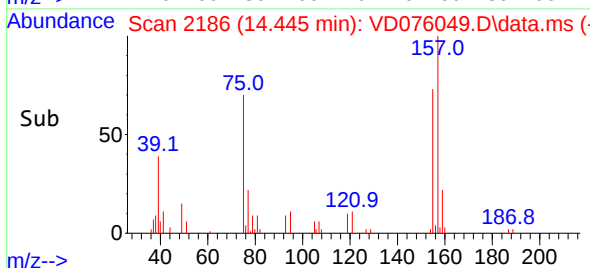
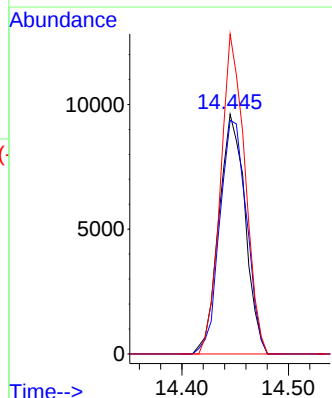
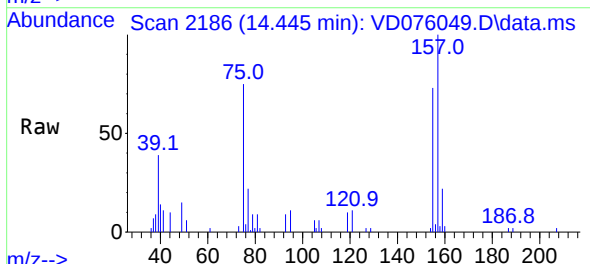
Instrument :
MSVOA_D
ClientSampleId :
VSTD025153

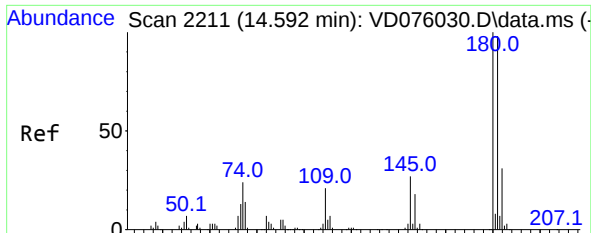
Tgt Ion:146 Resp: 261649
Ion Ratio Lower Upper
146 100
111 37.0 30.6 46.0
148 63.7 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 31.662 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion: 75 Resp: 16451
Ion Ratio Lower Upper
75 100
155 97.5 74.6 111.8
157 133.5 109.4 164.2



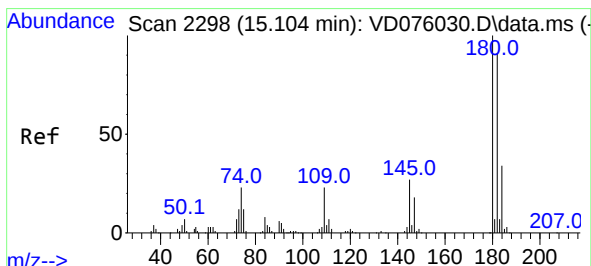
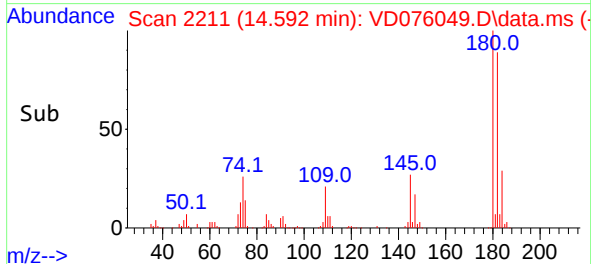
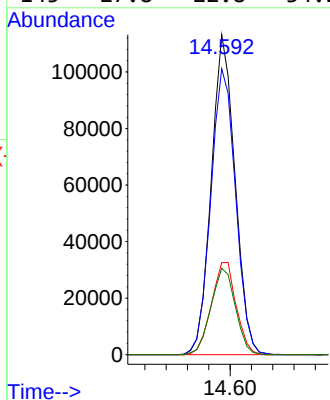
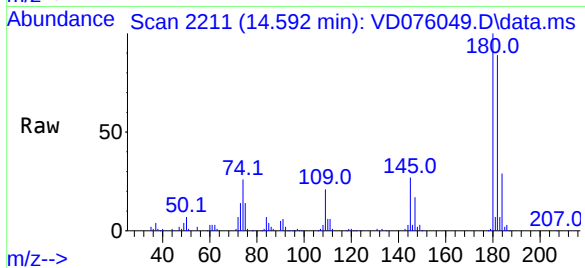


#69
 1,3,5-Trichlorobenzene
 Concen: 24.838 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD076049.D
 Acq: 08 May 2023 20:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025153

Tgt Ion:180 Resp: 174753

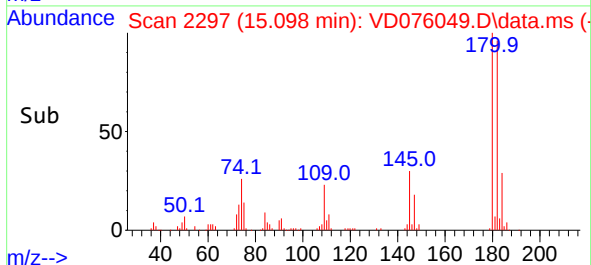
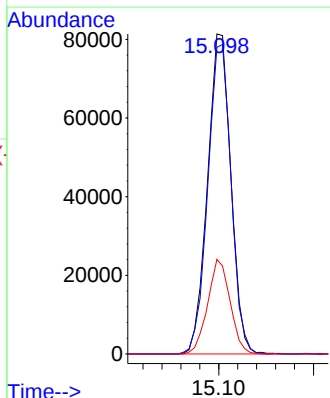
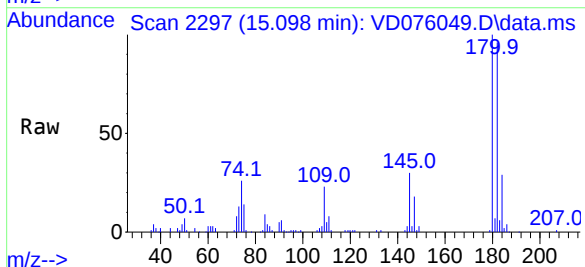
Ion	Ratio	Lower	Upper
180	100		
182	93.4	74.9	112.3
184	30.1	25.0	37.4
145	27.8	22.8	34.2

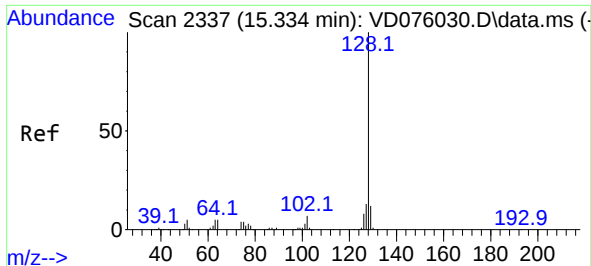


#70
 1,2,4-trichlorobenzene
 Concen: 23.870 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD076049.D
 Acq: 08 May 2023 20:04

Tgt Ion:180 Resp: 139177

Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.4	113.2
145	28.4	23.6	35.4

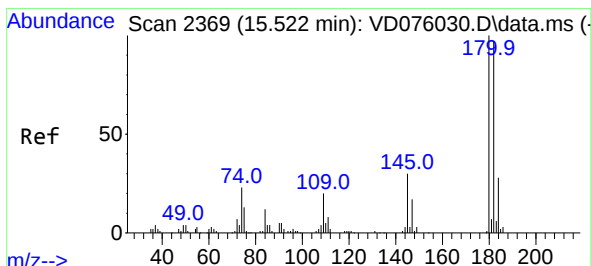
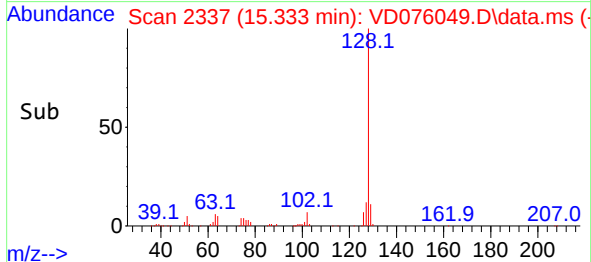
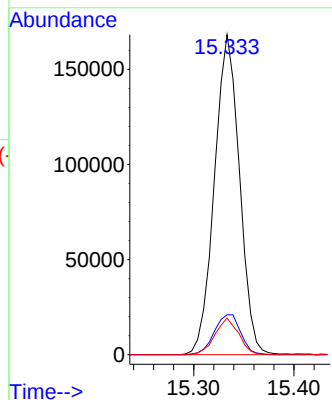
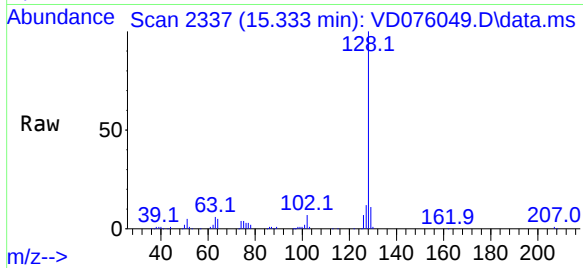




#71
Naphthalene
Concen: 27.317 ug/L
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Instrument :
MSVOA_D
ClientSampleId :
VSTD025153

Tgt Ion:128 Resp: 291467
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 26.546 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD076049.D
Acq: 08 May 2023 20:04

Tgt Ion:180 Resp: 138161
Ion Ratio Lower Upper
180 100
182 93.3 76.3 114.5
145 29.1 25.0 37.6

