

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081123\
 Data File : VW026720.D
 Acq On : 11 Aug 2023 19:12
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025576

Quant Time: Aug 12 00:46:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 12 00:39:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	527905	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	532575	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	291437	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	157515	18.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.600%
7) Chloroethane-d5	2.893	69	129399	20.052	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	4.033	65	90520	21.208	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.840%
21) 2-Butanone-d5	7.075	46	125889	50.471	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.940%
24) Chloroform-d	7.648	84	440370	24.854	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	8.307	65	256591	26.242	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.960%
32) Benzene-d6	8.276	84	902327	24.583	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.320%
36) 1,2-Dichloropropane-d6	9.270	67	286618	25.069	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.280%
41) Toluene-d8	10.325	98	782903	24.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	10.575	79	112631	23.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.440%
47) 2-Hexanone-d5	10.922	63	64226	53.461	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.920%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	238483	26.413	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	255944	24.536	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	152417	21.235	ug/L	94
3) Chloromethane	2.228	50	222409	22.661	ug/L	99
5) Vinyl chloride	2.375	62	173293	18.470	ug/L	99
6) Bromomethane	2.783	94	109413	20.016	ug/L	98
8) Chloroethane	2.930	64	108477	19.296	ug/L	96
9) Trichlorofluoromethane	2.365	101	152474	19.802	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	177235	21.310	ug/L	94
12) 1,1-Dichloroethene	4.051	96	169827	21.765	ug/L	96
13) Acetone	4.118	43	82790	33.382	ug/L	96
14) Carbon disulfide	4.393	76	613726	21.863	ug/L	100
15) Methyl Acetate	4.667	43	125660	25.295	ug/L	99
16) Methylene chloride	4.923	84	229879	22.511	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	200159	22.988	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	319970	24.287	ug/L	100
19) 1,1-Dichloroethane	6.216	63	423950	23.657	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	222689	23.794	ug/L	99
22) 2-Butanone	7.173	43	164277	44.948	ug/L	99
23) Bromochloromethane	7.508	128	94297	23.325	ug/L	94
25) Chloroform	7.673	83	405352	23.413	ug/L	94

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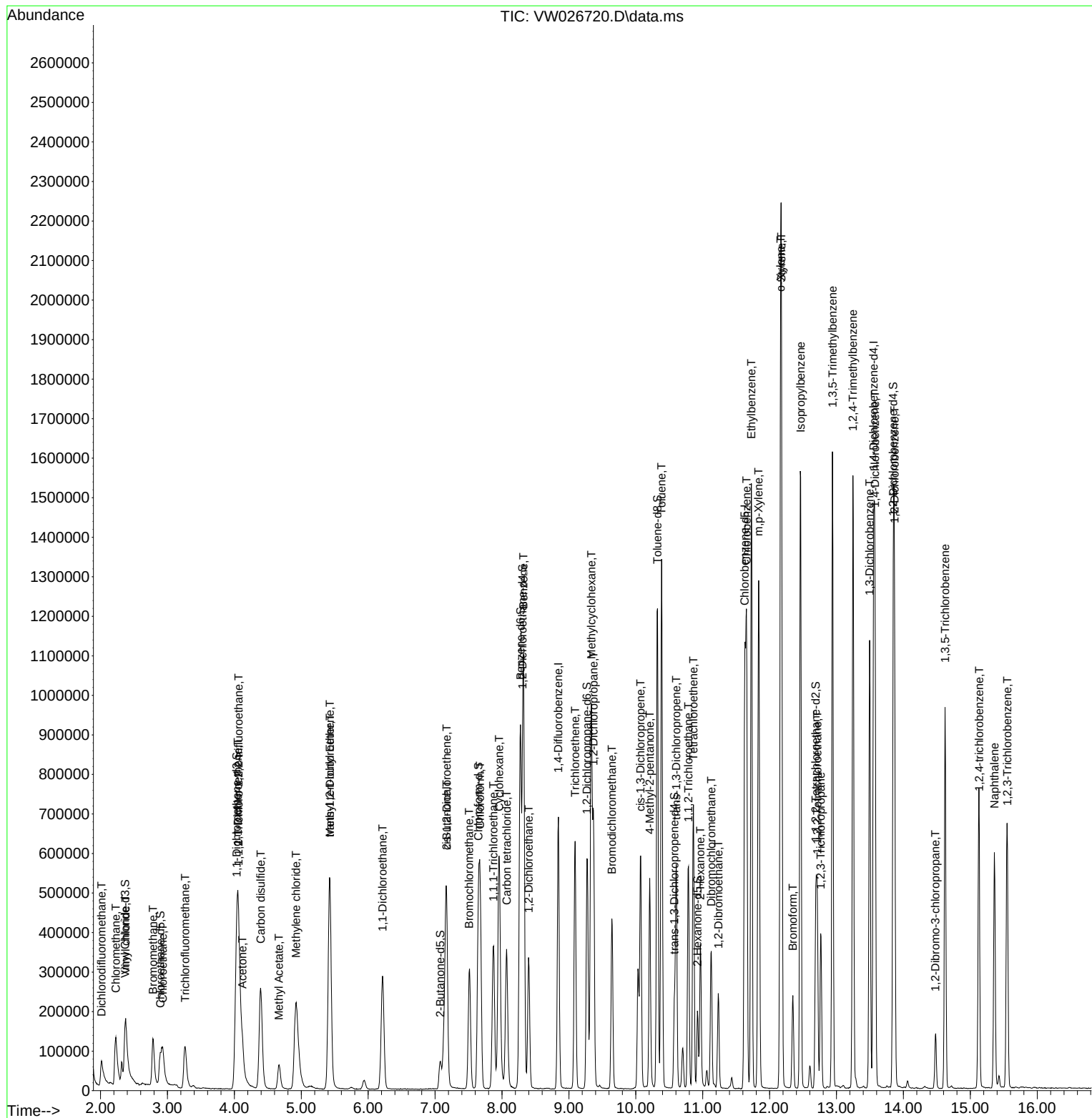
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	297456	24.628	ug/L	99
29) Cyclohexane	7.959	56	349112	21.197	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	299688	21.561	ug/L	99
31) Carbon tetrachloride	8.069	117	266893	21.001	ug/L	95
33) Benzene	8.319	78	902436	23.269	ug/L	100
34) Trichloroethene	9.093	95	219706	22.242	ug/L	98
35) Methylcyclohexane	9.337	83	367174	21.729	ug/L	99
37) 1,2-Dichloropropane	9.367	63	249827	23.517	ug/L	99
38) Bromodichloromethane	9.642	83	290989	23.350	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	346592	22.679	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	350364	50.704	ug/L	99
42) Toluene	10.386	91	917381	23.383	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	301804	22.944	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	176197	24.252	ug/L	98
46) Tetrachloroethene	10.861	164	151761	21.148	ug/L	86
48) 2-Hexanone	10.965	43	238260	50.673	ug/L	99
49) Dibromochloromethane	11.129	129	180099	23.701	ug/L	91
50) 1,2-Dibromoethane	11.233	107	158498	23.250	ug/L	99
51) Chlorobenzene	11.654	112	566395	22.855	ug/L	96
52) Ethylbenzene	11.727	91	1026691	23.336	ug/L	96
53) m,p-Xylene	11.836	106	385943	23.679	ug/L	94
54) o-Xylene	12.166	106	361091	23.737	ug/L	98
55) Styrene	12.178	104	656358	24.816	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	222374	24.168	ug/L	97
59) Bromoform	12.349	173	105456	23.099	ug/L	99
60) Isopropylbenzene	12.464	105	972090	22.435	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	166282	23.522	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	806235	23.541	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	786674	23.440	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	429166	22.775	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	431517	21.943	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	388810	22.690	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	38433	22.551	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	260745	20.481	ug/L	98
70) 1,2,4-trichlorobenzene	15.135	180	219471	20.333	ug/L	94
71) Naphthalene	15.360	128	475978	23.117	ug/L	99
72) 1,2,3-Trichlorobenzene	15.555	180	212618	21.839	ug/L	96

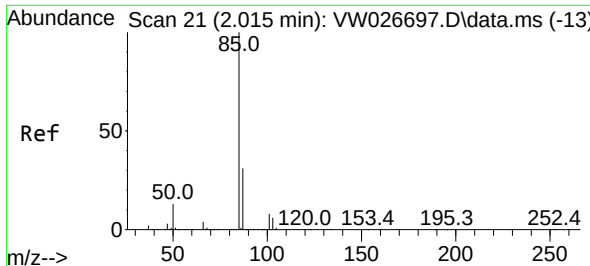
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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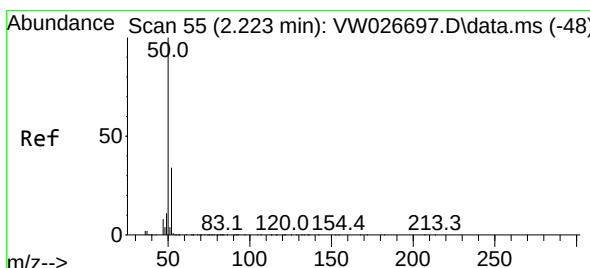
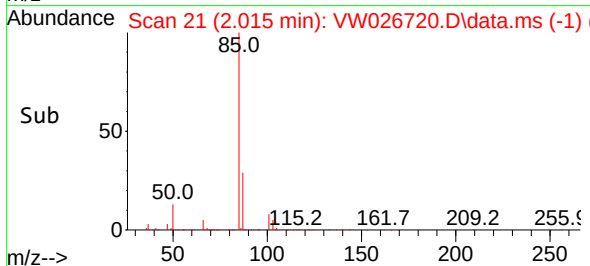
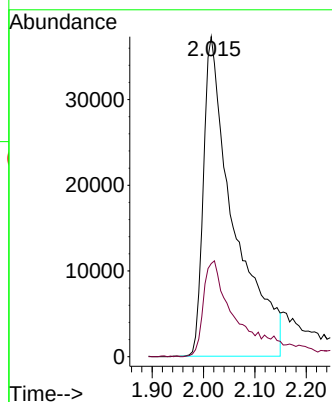
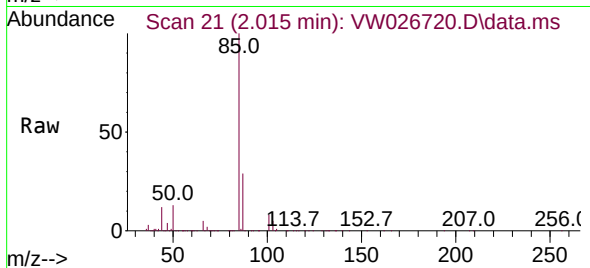




#2
Dichlorodifluoromethane
Concen: 21.235 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

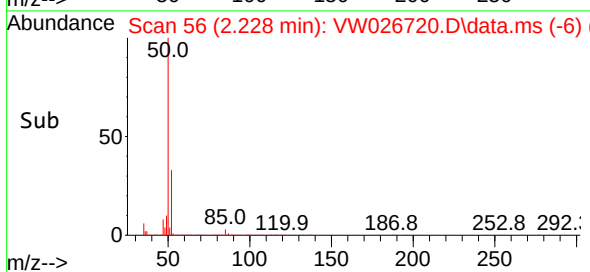
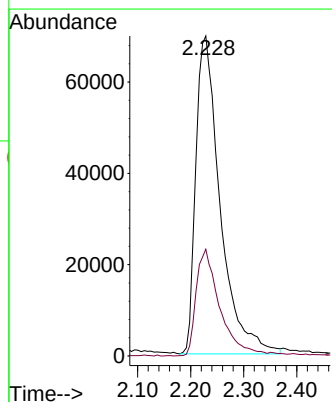
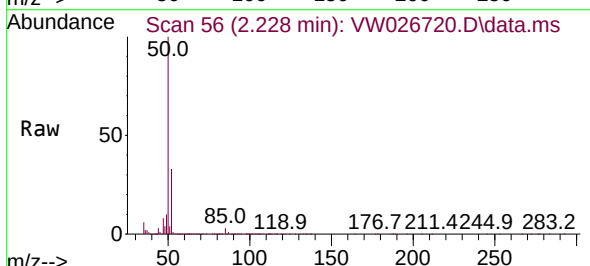
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MSVOA_W
ClientSampleId :
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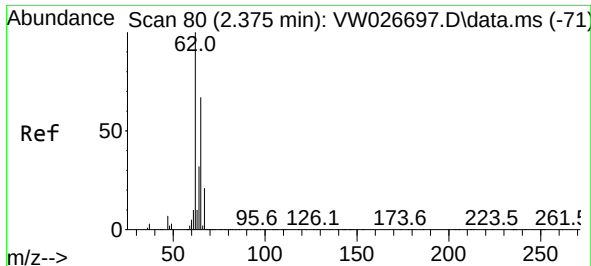
Tgt Ion: 85 Resp: 152417
Ion Ratio Lower Upper
85 100
87 27.2 19.5 29.3



#3
Chloromethane
Concen: 22.661 ug/L
RT: 2.228 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

Tgt Ion: 50 Resp: 222409
Ion Ratio Lower Upper
50 100
52 33.4 23.0 42.8

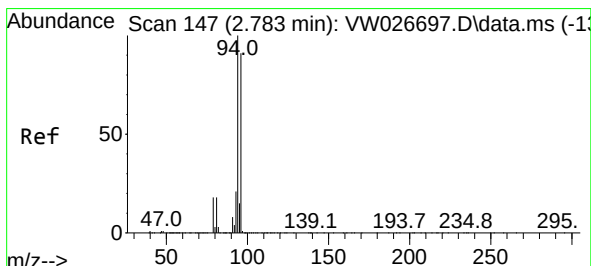
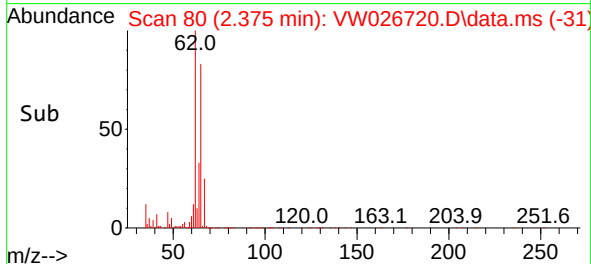
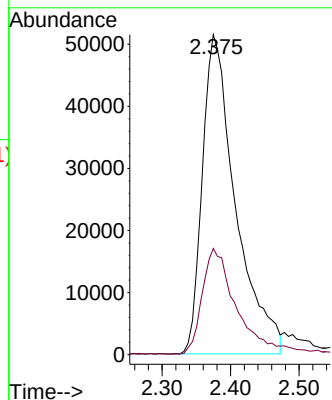
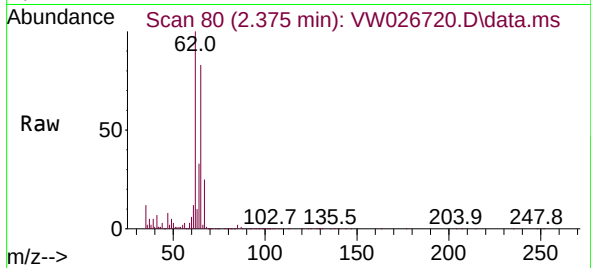




#5
 Vinyl chloride
 Concen: 18.470 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026720.D
 Acq: 11 Aug 2023 19:12

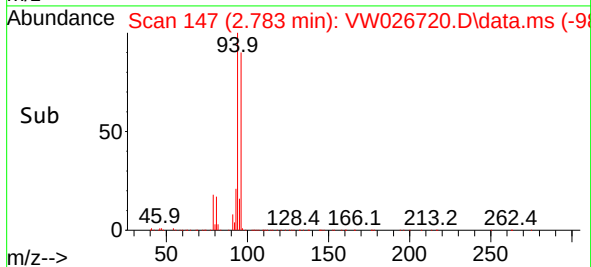
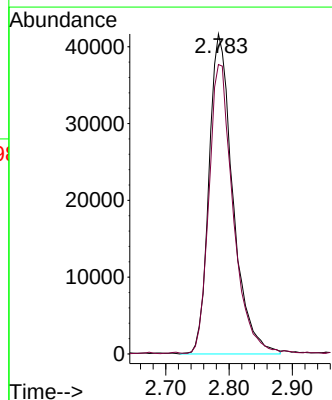
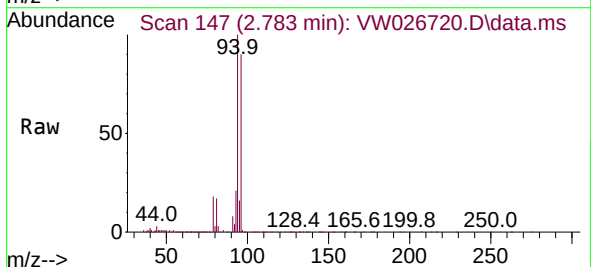
Instrument :
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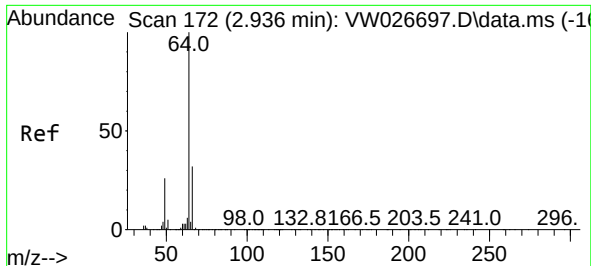
Tgt Ion: 62 Resp: 173293
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.7 42.3



#6
 Bromomethane
 Concen: 20.016 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW026720.D
 Acq: 11 Aug 2023 19:12

Tgt Ion: 94 Resp: 109413
 Ion Ratio Lower Upper
 94 100
 96 90.5 64.8 120.3

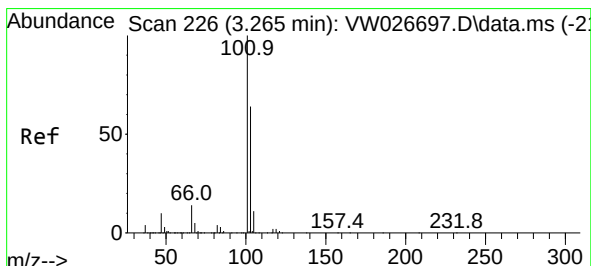
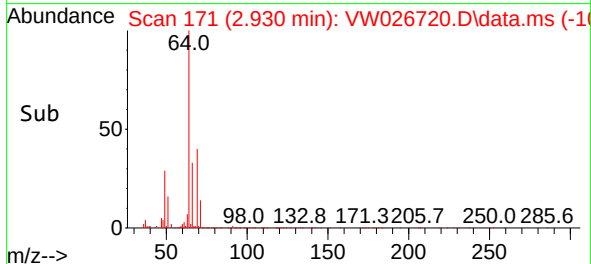
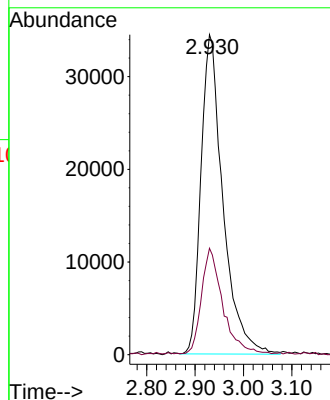
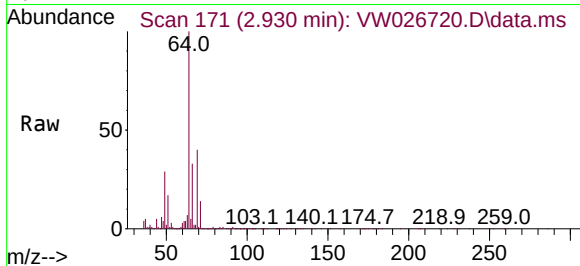




#8
Chloroethane
Concen: 19.296 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

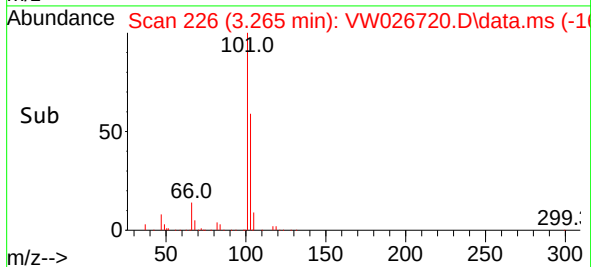
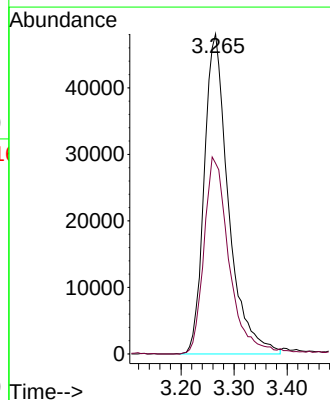
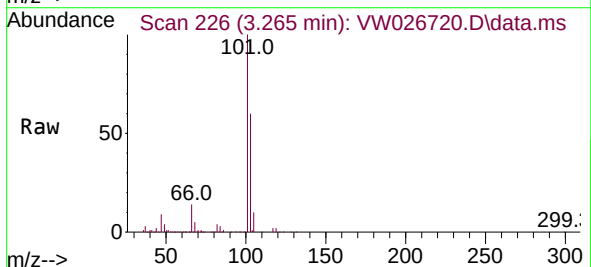
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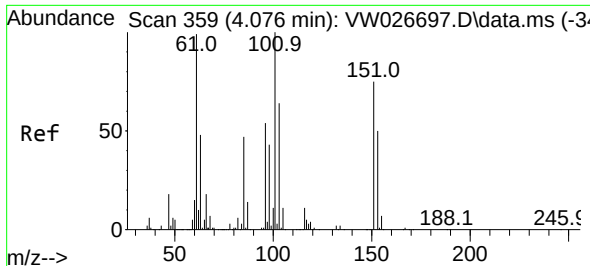
Tgt Ion: 64 Resp: 108477
Ion Ratio Lower Upper
64 100
66 33.3 21.7 40.3



#9
Trichlorofluoromethane
Concen: 19.802 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

Tgt Ion: 101 Resp: 152474
Ion Ratio Lower Upper
101 100
103 63.4 51.9 77.9

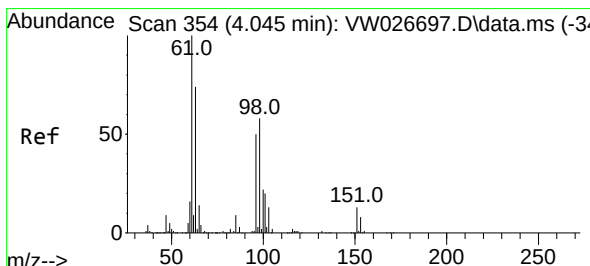
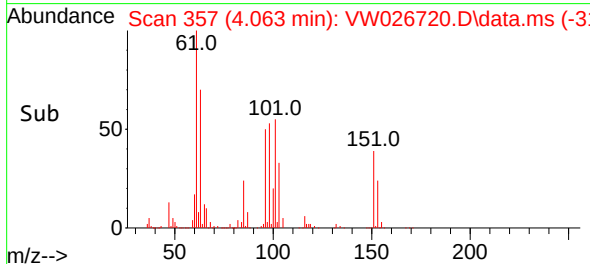
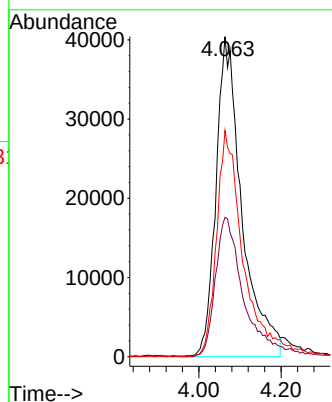
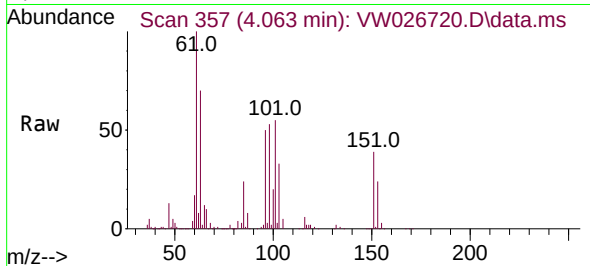




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.310 ug/L
 RT: 4.063 min Scan# 357
 Delta R.T. -0.012 min
 Lab File: VW026720.D
 Acq: 11 Aug 2023 19:12

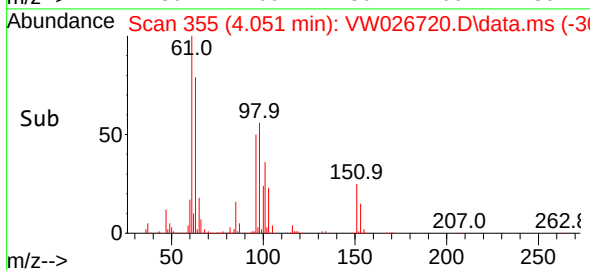
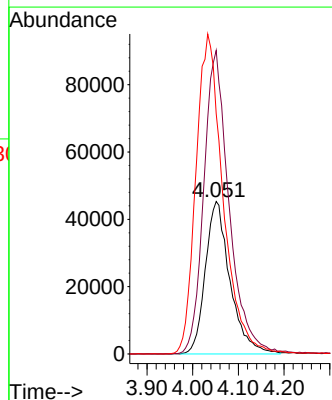
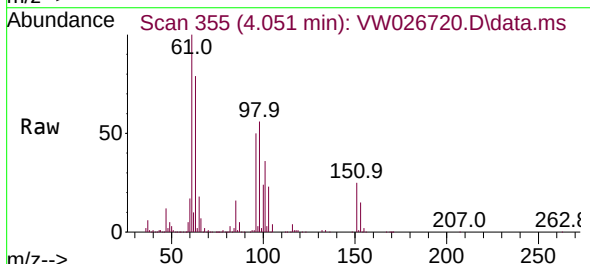
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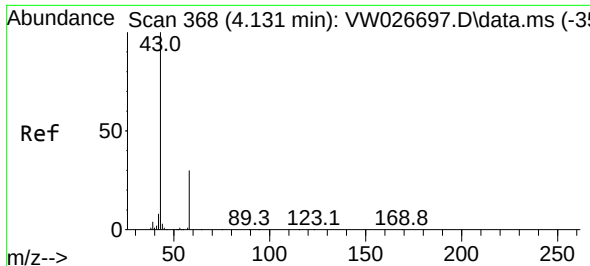
Tgt Ion:101 Resp: 177235
 Ion Ratio Lower Upper
 101 100
 85 46.5 32.8 49.2
 151 71.3 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 21.765 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW026720.D
 Acq: 11 Aug 2023 19:12

Tgt Ion: 96 Resp: 169827
 Ion Ratio Lower Upper
 96 100
 61 199.1 133.2 247.4
 63 157.6 109.0 202.4

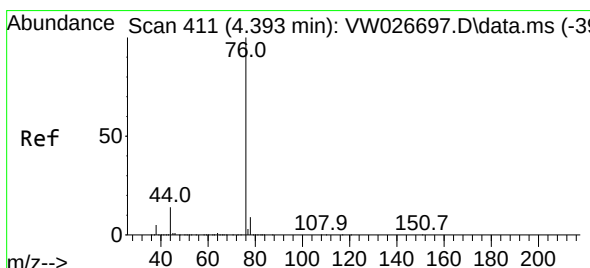
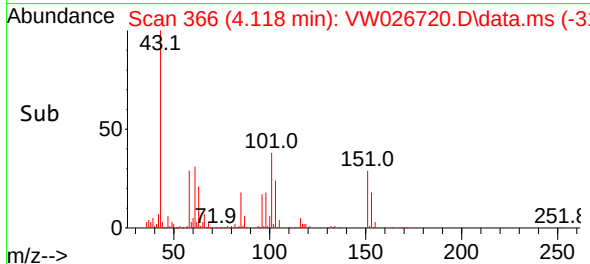
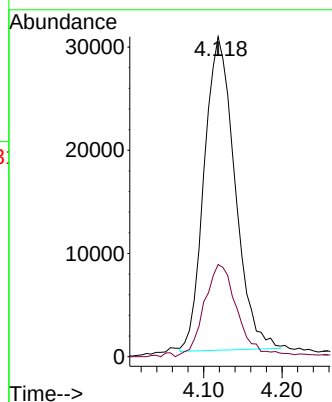
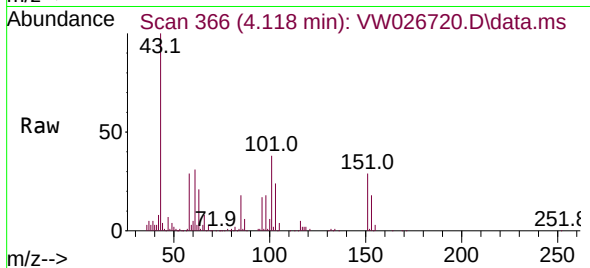




#13
Acetone
Concen: 33.382 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

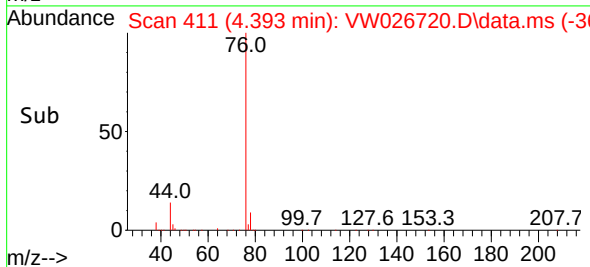
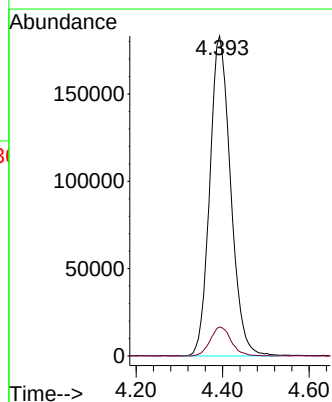
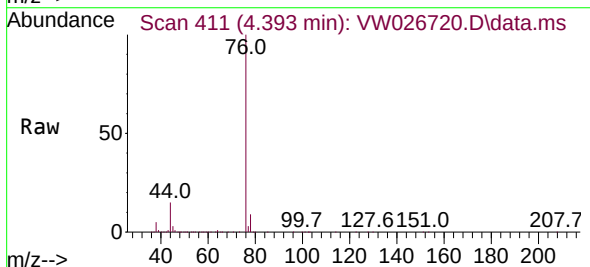
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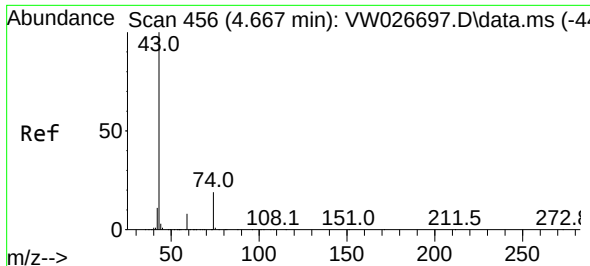
Tgt Ion: 43 Resp: 82790
Ion Ratio Lower Upper
43 100
58 30.7 0.0 57.4



#14
Carbon disulfide
Concen: 21.863 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 613726
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

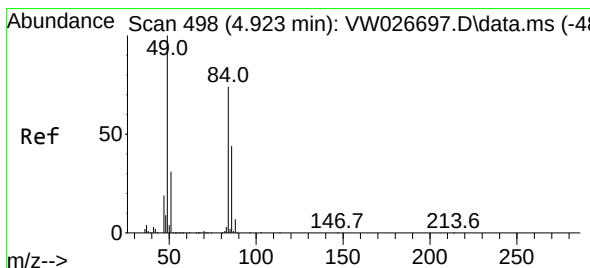
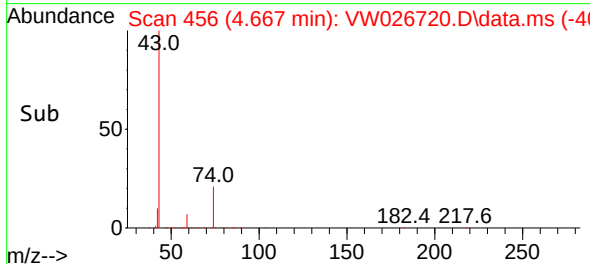
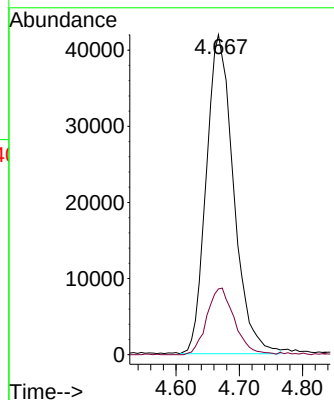
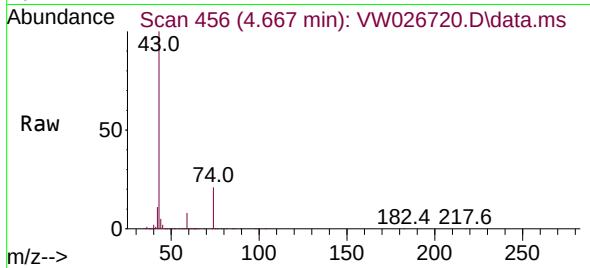




#15
Methyl Acetate
Concen: 25.295 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

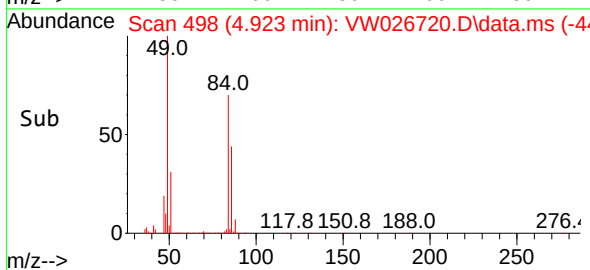
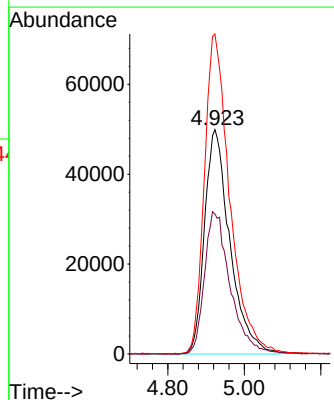
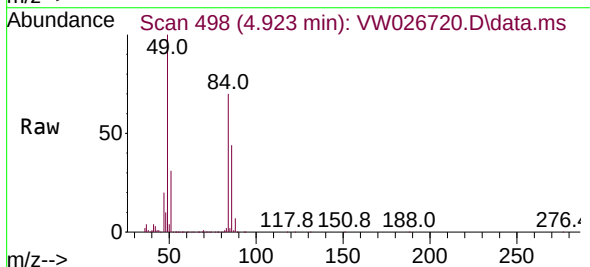
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

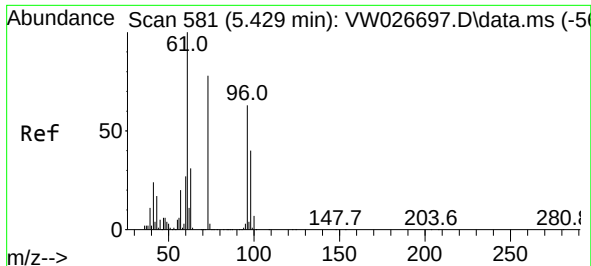
Tgt Ion: 43 Resp: 125660
Ion Ratio Lower Upper
43 100
74 21.1 16.4 24.6



#16
Methylene chloride
Concen: 22.511 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

Tgt Ion: 84 Resp: 229879
Ion Ratio Lower Upper
84 100
86 62.4 43.5 80.9
49 142.6 96.0 178.2





#17

trans-1,2-Dichloroethene

Concen: 22.988 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW026720.D

Acq: 11 Aug 2023 19:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

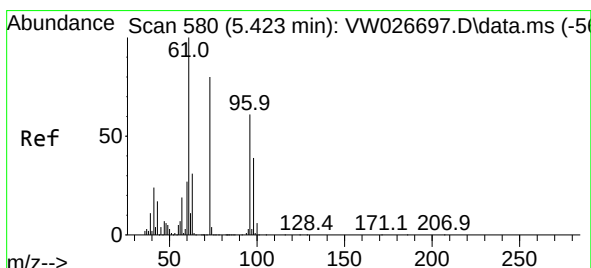
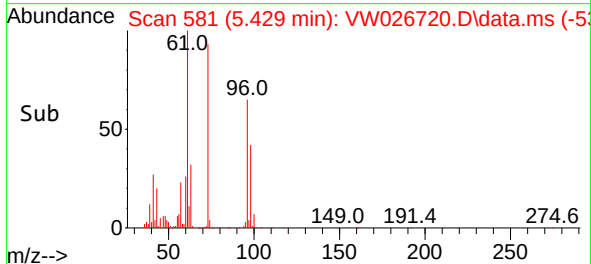
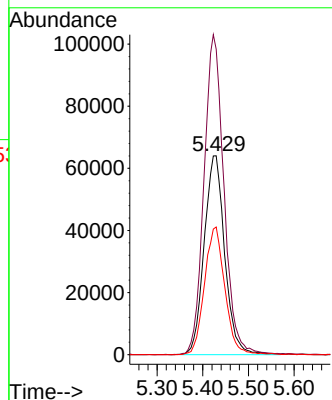
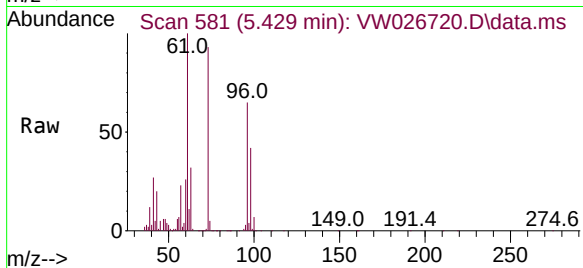
Tgt Ion: 96 Resp: 200159

Ion Ratio Lower Upper

96 100

61 153.5 109.4 203.2

98 64.2 43.6 81.0



#18

Methyl tert-butyl Ether

Concen: 24.287 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW026720.D

Acq: 11 Aug 2023 19:12

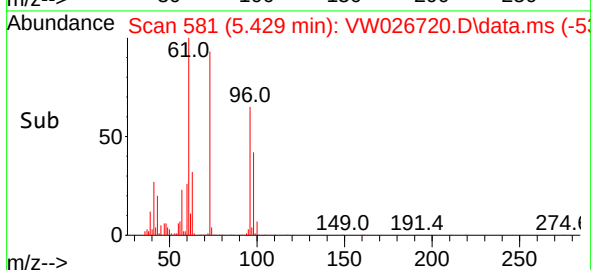
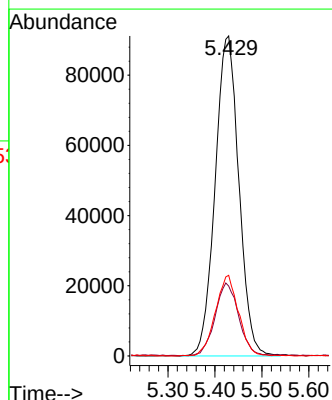
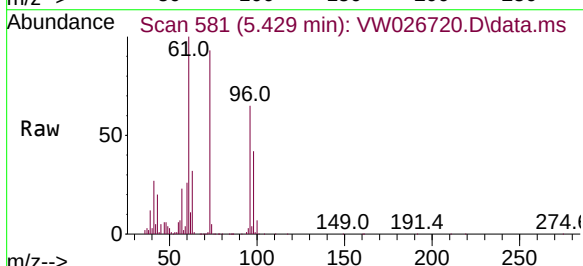
Tgt Ion: 73 Resp: 319970

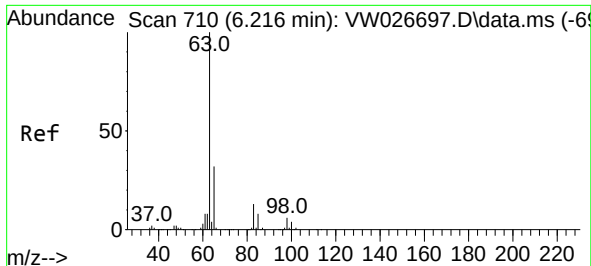
Ion Ratio Lower Upper

73 100

43 22.5 18.0 27.0

57 24.1 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.657 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026720.D

Acq: 11 Aug 2023 19:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

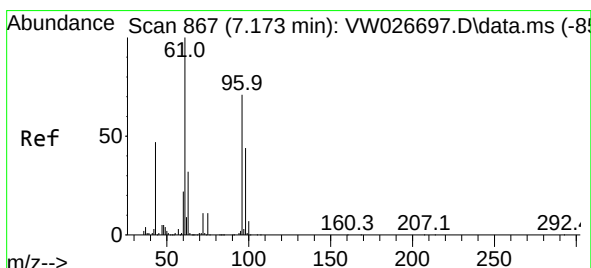
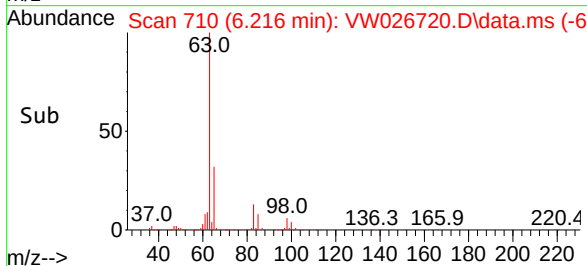
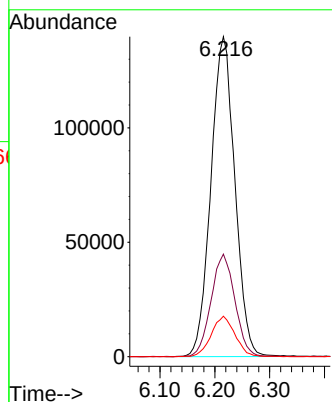
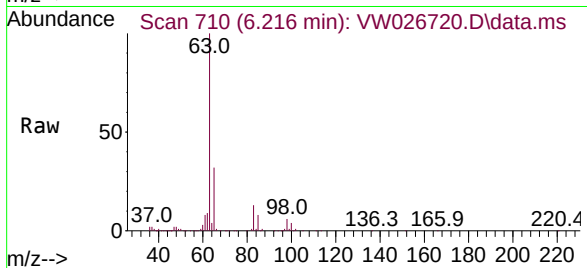
Tgt Ion: 63 Resp: 423950

Ion Ratio Lower Upper

63 100

65 32.0 21.8 40.6

83 12.6 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 23.794 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW026720.D

Acq: 11 Aug 2023 19:12

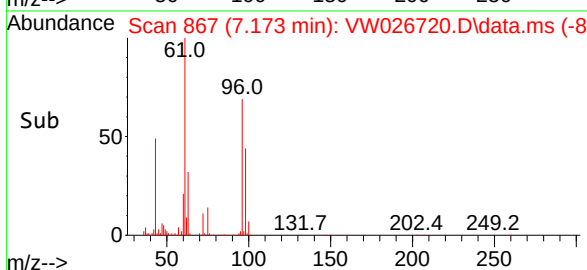
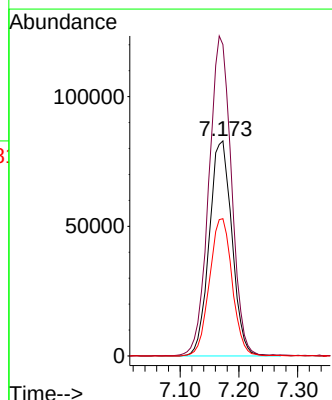
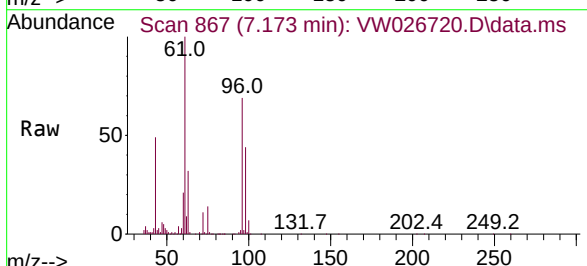
Tgt Ion: 96 Resp: 222689

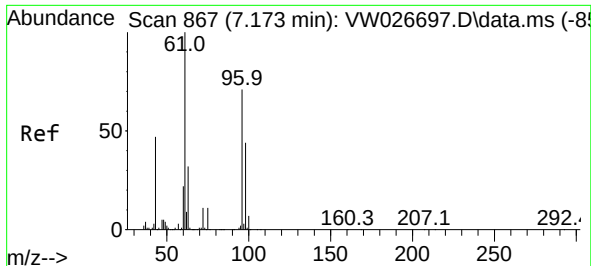
Ion Ratio Lower Upper

96 100

61 144.7 101.2 188.0

98 63.8 43.8 81.3

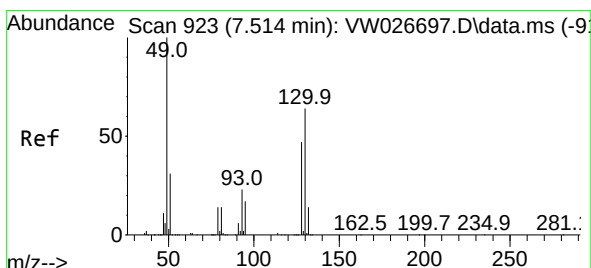
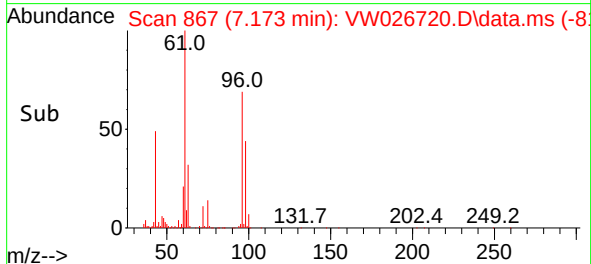
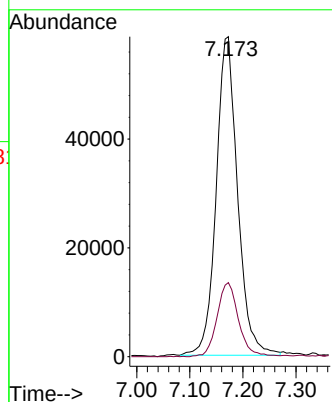
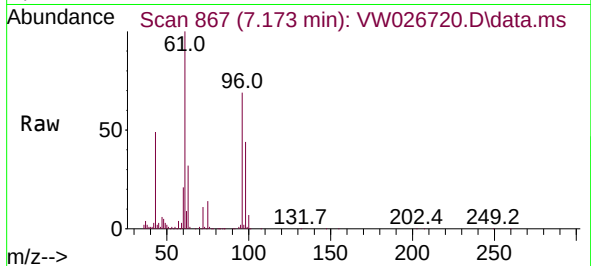




#22
2-Butanone
Concen: 44.948 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

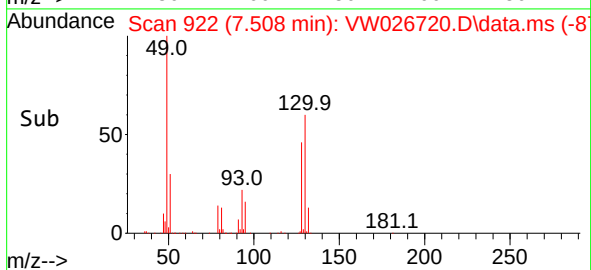
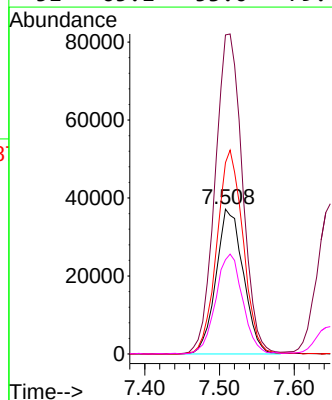
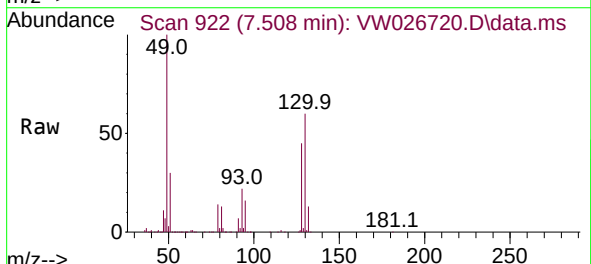
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

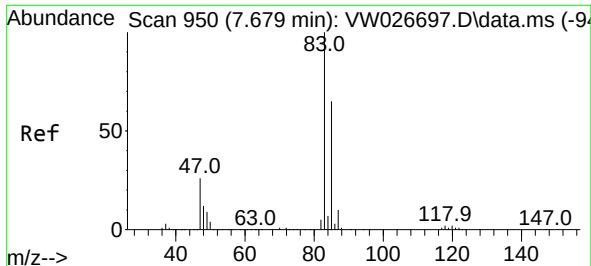
Tgt Ion: 43 Resp: 164277
Ion Ratio Lower Upper
43 100
72 23.2 11.8 35.4



#23
Bromochloromethane
Concen: 23.325 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

Tgt Ion: 128 Resp: 94297
Ion Ratio Lower Upper
128 100
49 220.3 143.1 265.7
130 132.2 91.8 170.4
51 65.1 53.0 79.4

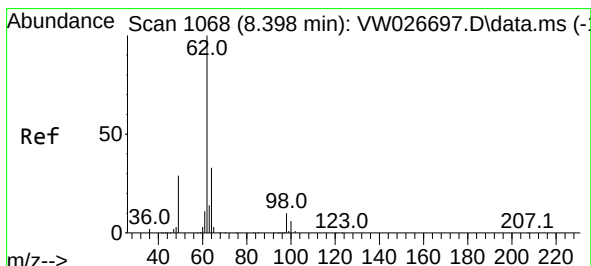
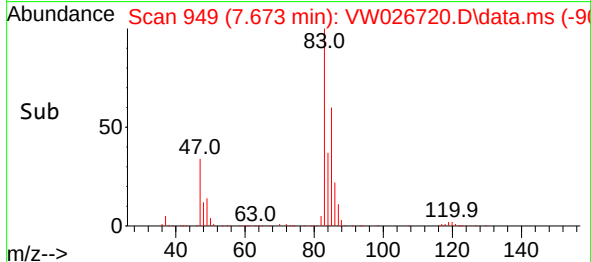
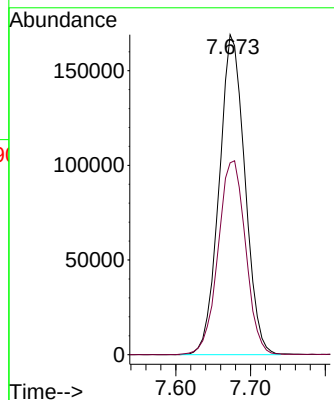
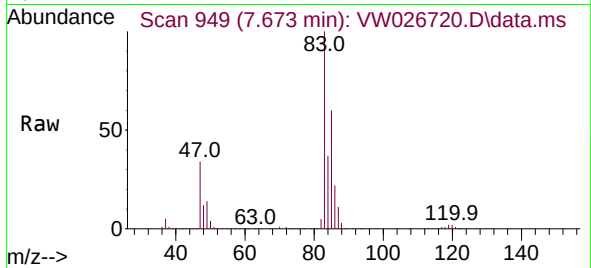




#25
Chloroform
Concen: 23.413 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

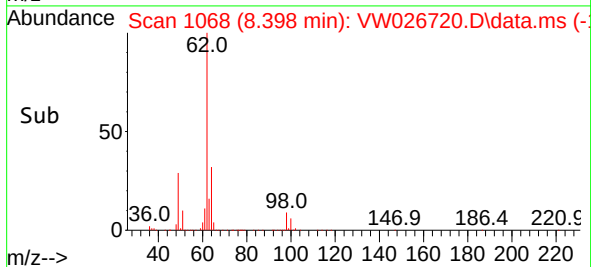
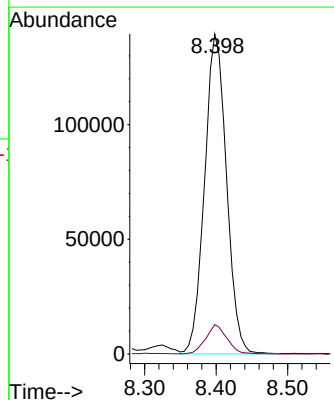
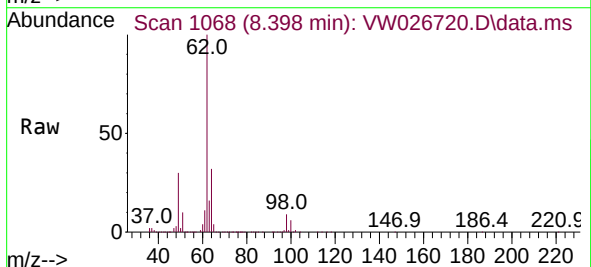
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

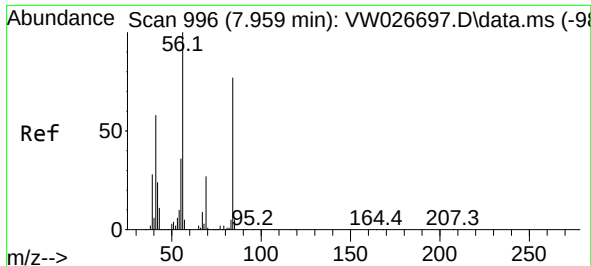
Tgt Ion: 83 Resp: 405352
Ion Ratio Lower Upper
83 100
85 60.0 45.4 84.2



#27
1,2-Dichloroethane
Concen: 24.628 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

Tgt Ion: 62 Resp: 297456
Ion Ratio Lower Upper
62 100
98 9.2 7.1 10.7

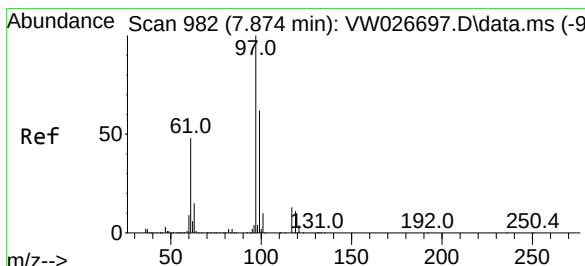
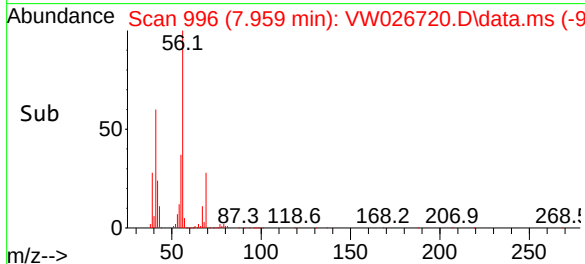
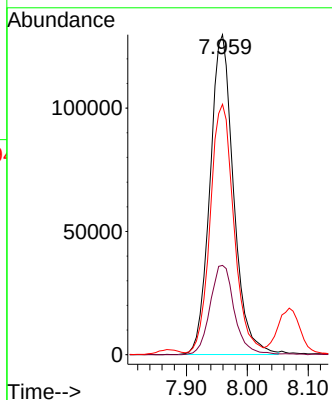
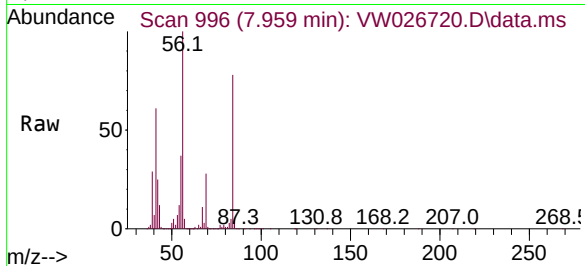




#29
Cyclohexane
Concen: 21.197 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

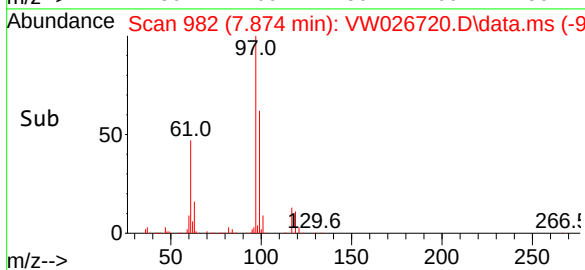
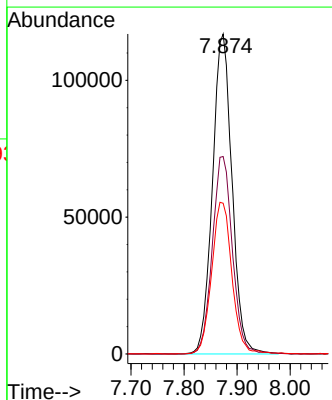
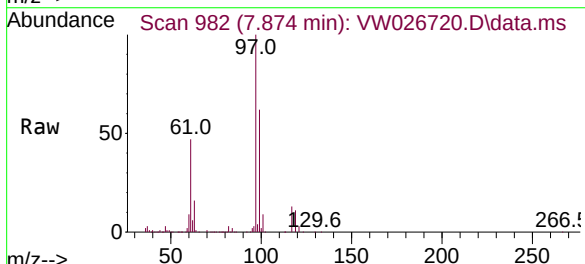
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

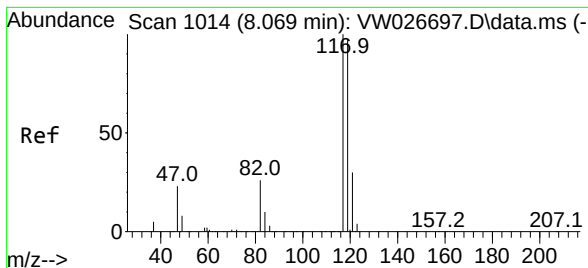
Tgt Ion: 56 Resp: 349112
Ion Ratio Lower Upper
56 100
69 28.6 23.2 34.8
84 78.9 62.7 94.1



#30
1,1,1-Trichloroethane
Concen: 21.561 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

Tgt Ion: 97 Resp: 299688
Ion Ratio Lower Upper
97 100
99 63.0 51.2 76.8
61 48.8 39.2 58.8

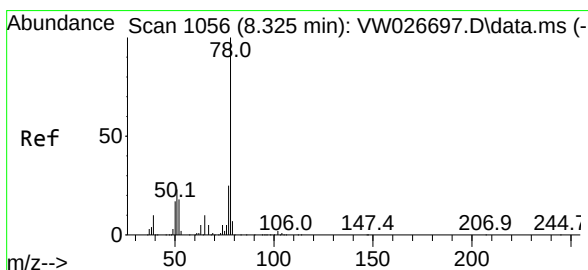
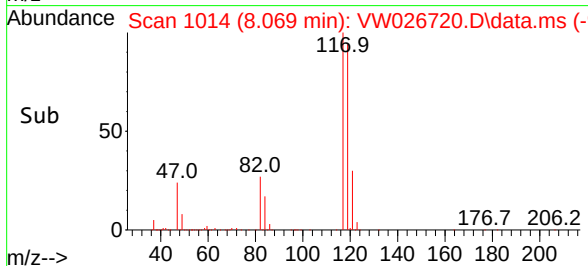
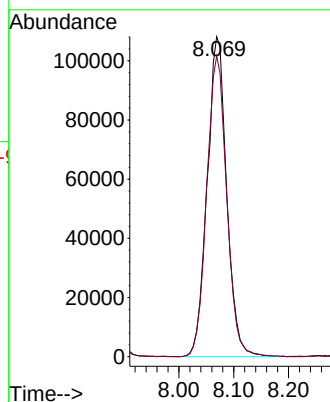
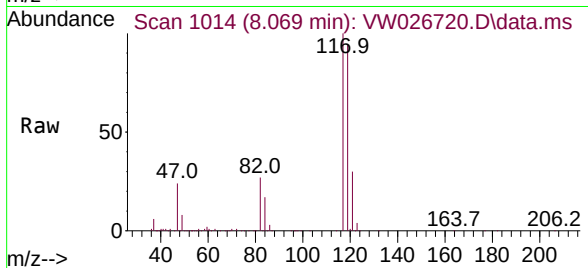




#31
Carbon tetrachloride
Concen: 21.001 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

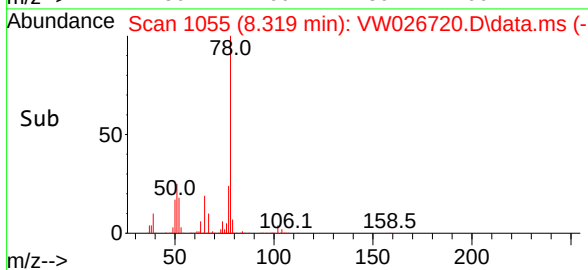
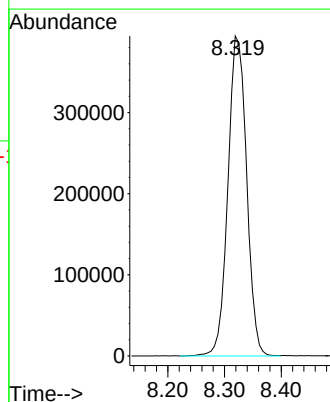
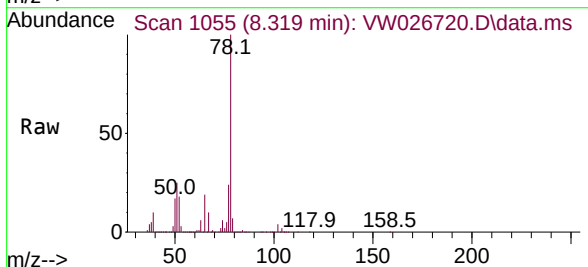
Instrument : MSVOA_W
ClientSampleId : VSTD025576

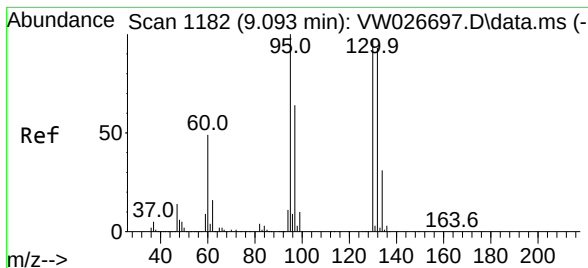
Tgt Ion:117 Resp: 266893
Ion Ratio Lower Upper
117 100
119 96.3 73.0 109.4



#33
Benzene
Concen: 23.269 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

Tgt Ion: 78 Resp: 902436





#34

Trichloroethene

Concen: 22.242 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026720.D

Acq: 11 Aug 2023 19:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

Tgt Ion: 95 Resp: 219706

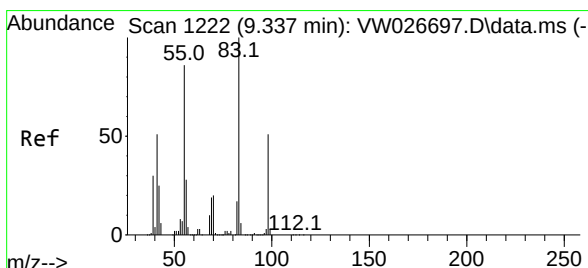
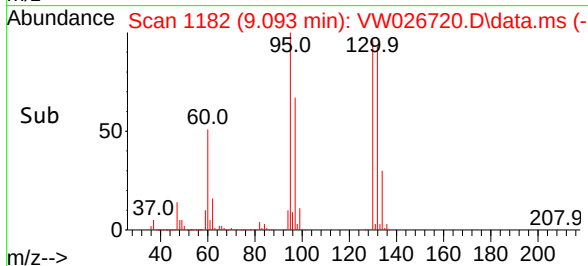
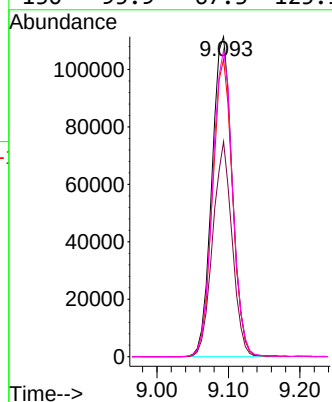
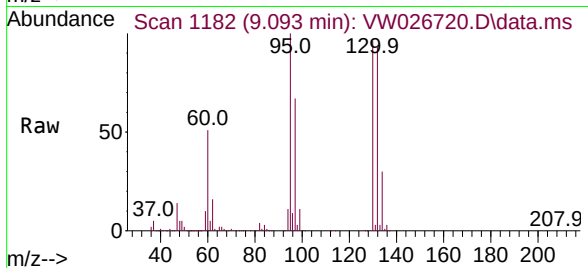
Ion Ratio Lower Upper

95 100

97 67.2 44.6 82.8

132 93.0 66.4 123.2

130 95.9 67.3 125.1



#35

Methylcyclohexane

Concen: 21.729 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW026720.D

Acq: 11 Aug 2023 19:12

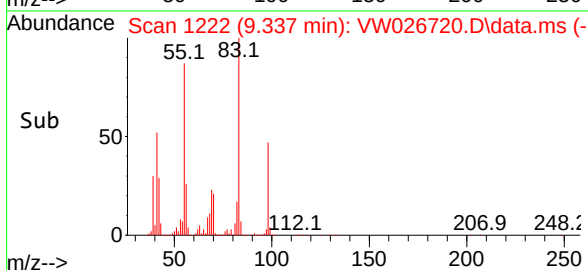
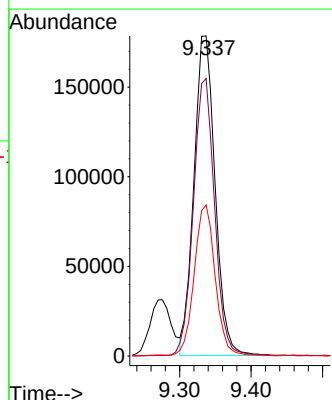
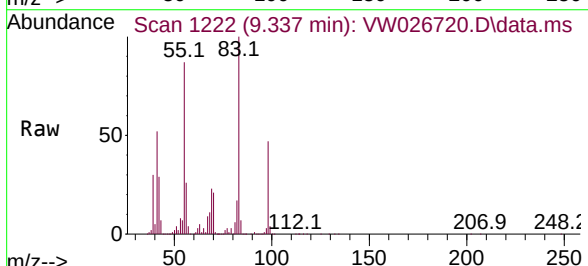
Tgt Ion: 83 Resp: 367174

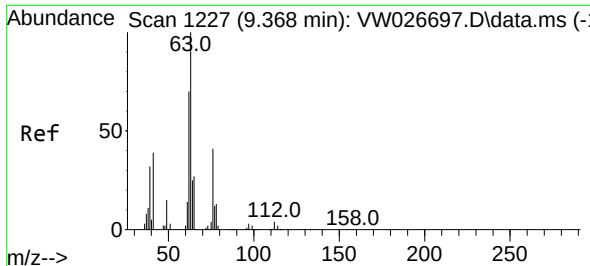
Ion Ratio Lower Upper

83 100

55 87.2 69.3 103.9

98 46.2 37.4 56.0

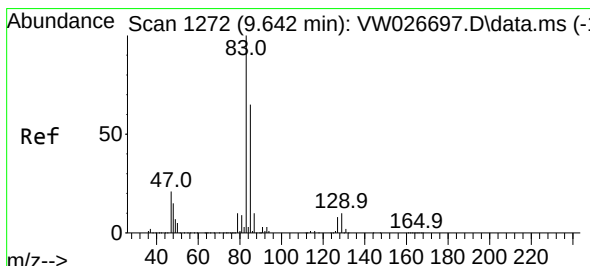
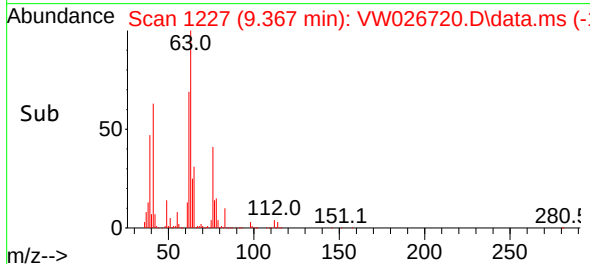
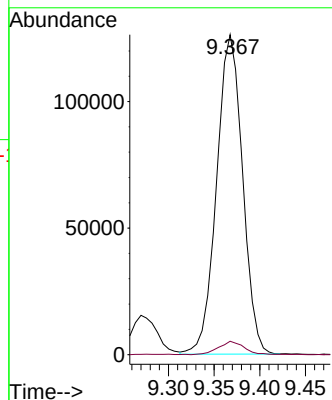
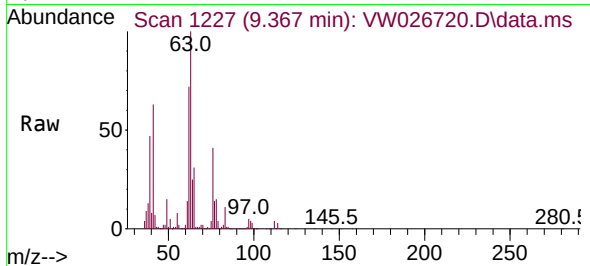




#37
1,2-Dichloropropane
Concen: 23.517 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

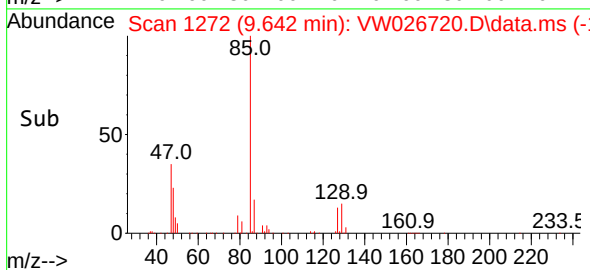
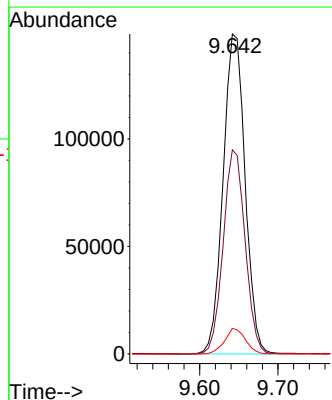
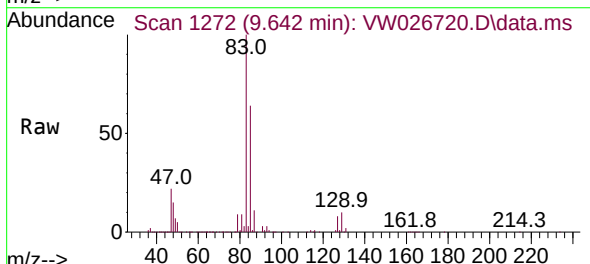
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

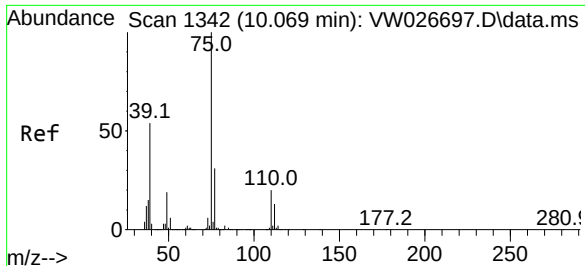
Tgt Ion: 63 Resp: 249827
Ion Ratio Lower Upper
63 100
112 4.2 3.1 4.7



#38
Bromodichloromethane
Concen: 23.350 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

Tgt Ion: 83 Resp: 290989
Ion Ratio Lower Upper
83 100
85 63.8 45.4 84.2
127 8.0 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 22.679 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW026720.D

Acq: 11 Aug 2023 19:12

Instrument :

MSVOA_W

ClientSampleId :

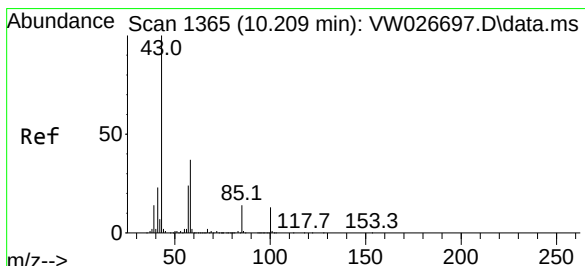
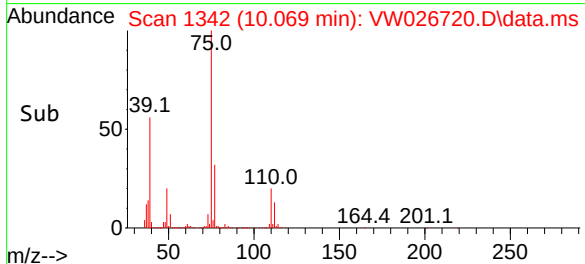
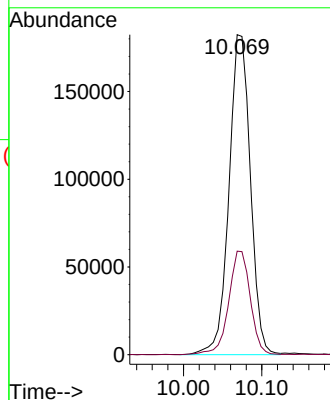
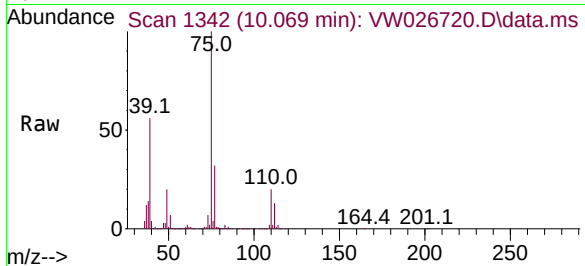
VSTD025576

Tgt Ion: 75 Resp: 346592

Ion Ratio Lower Upper

75 100

77 32.3 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 50.704 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026720.D

Acq: 11 Aug 2023 19:12

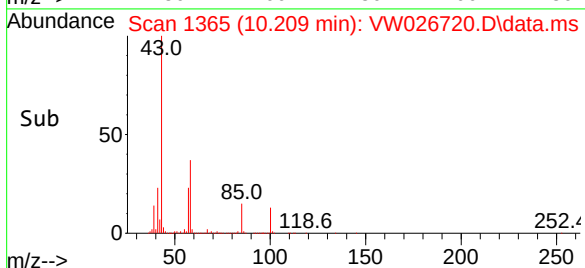
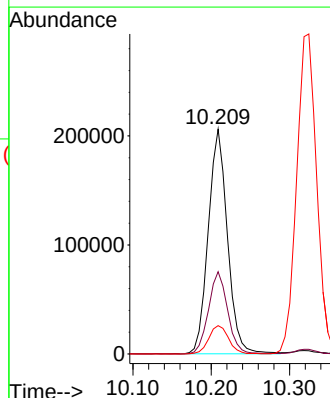
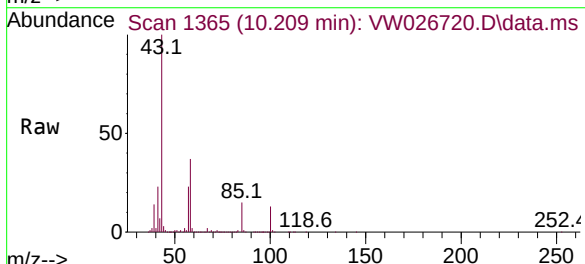
Tgt Ion: 43 Resp: 350364

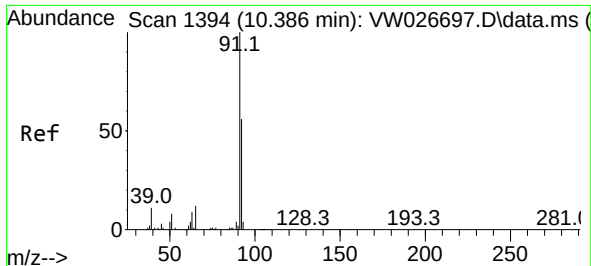
Ion Ratio Lower Upper

43 100

58 36.7 29.2 43.8

100 13.0 10.7 16.1

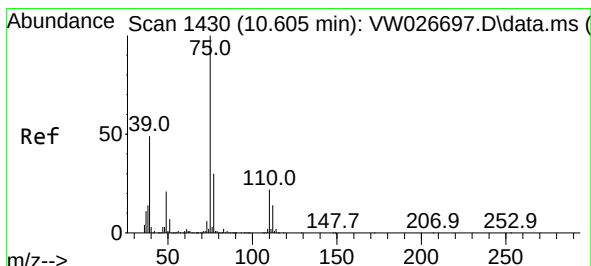
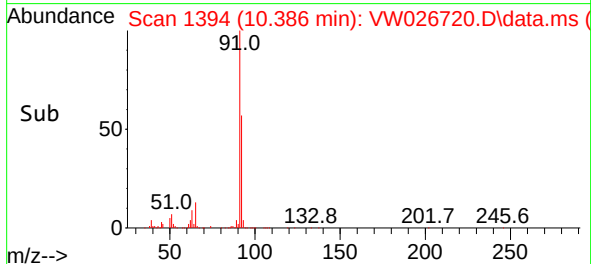
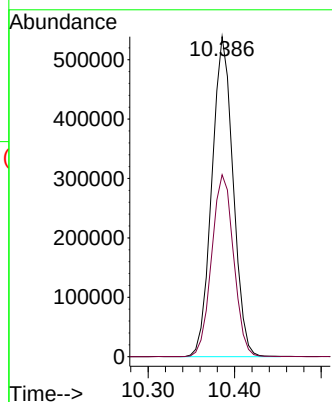
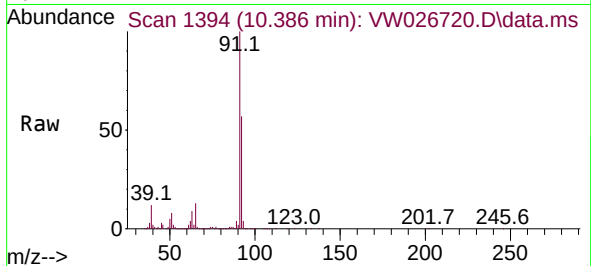




#42
Toluene
Concen: 23.383 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

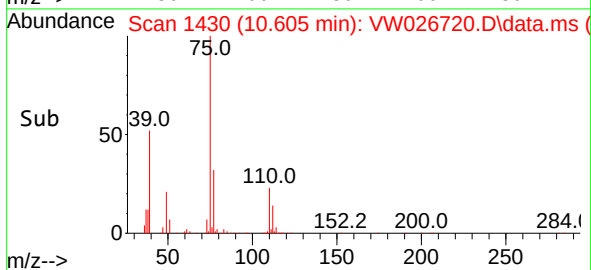
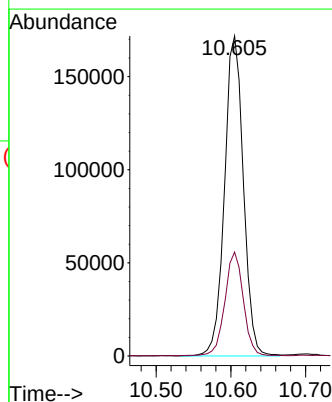
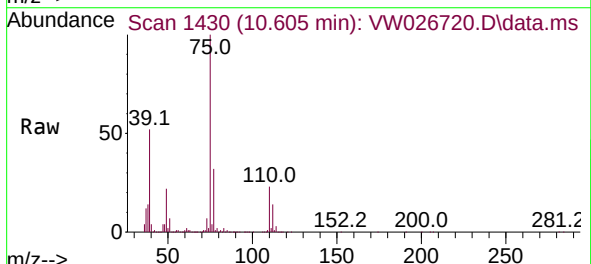
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

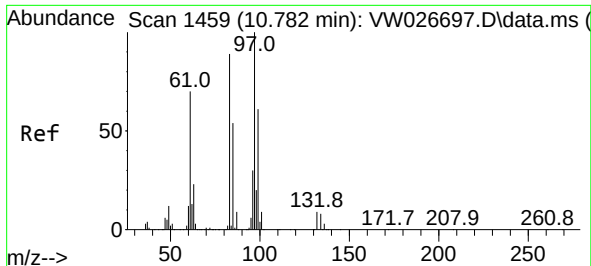
Tgt Ion: 91 Resp: 917381
Ion Ratio Lower Upper
91 100
92 56.9 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 22.944 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

Tgt Ion: 75 Resp: 301804
Ion Ratio Lower Upper
75 100
77 32.4 21.2 39.4

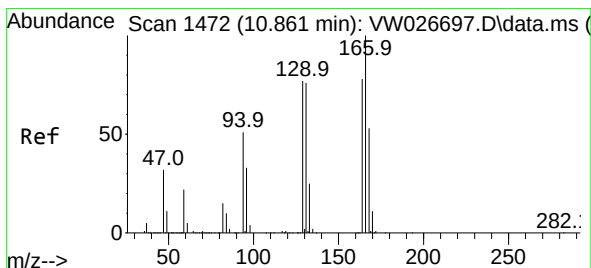
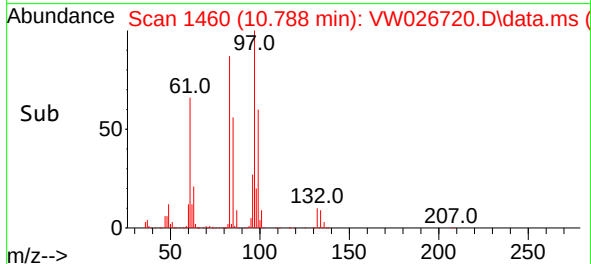
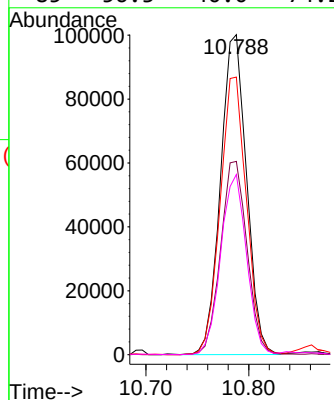
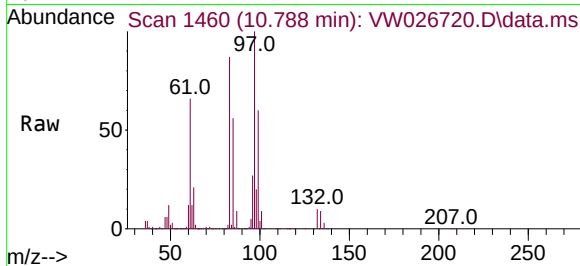




#45
1,1,2-Trichloroethane
Concen: 24.252 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

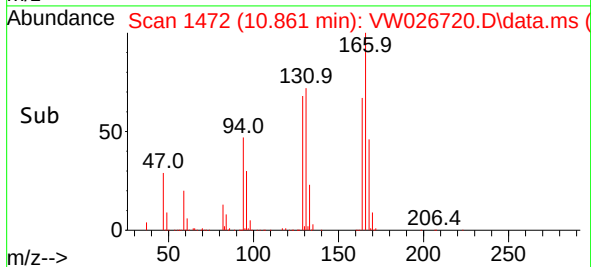
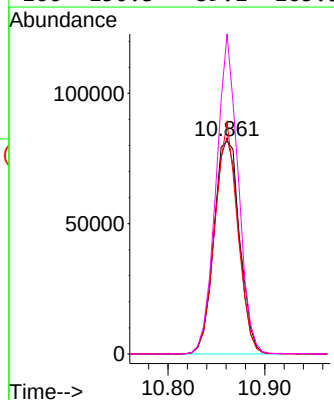
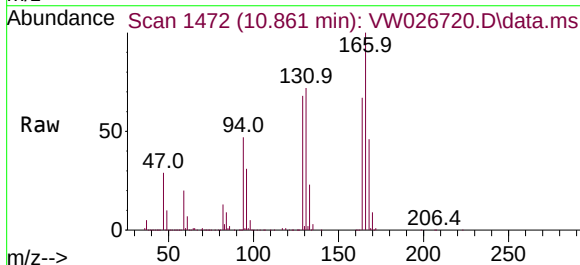
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

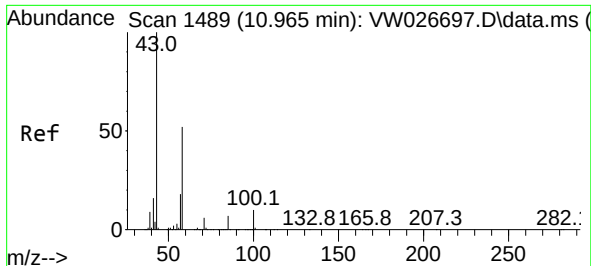
Tgt Ion: 97	Resp: 176197		
Ion	Ratio	Lower	Upper
97	100		
99	60.4	44.2	82.0
83	86.7	61.9	114.9
85	56.3	40.0	74.2



#46
Tetrachloroethene
Concen: 21.148 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

Tgt	Ion:164	Resp:	151761
Ion	Ratio	Lower	Upper
164	100		
129	101.6	68.1	126.5
131	108.7	65.5	121.7
166	150.3	89.1	165.5



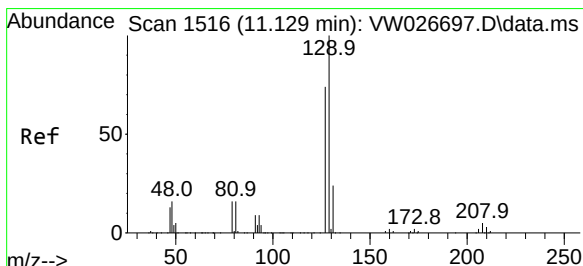
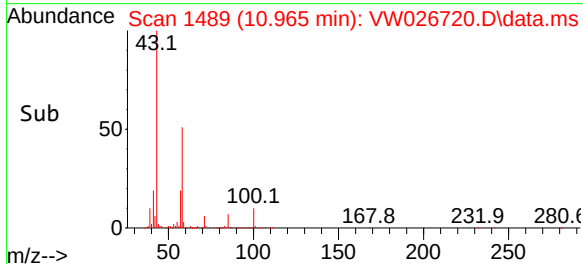
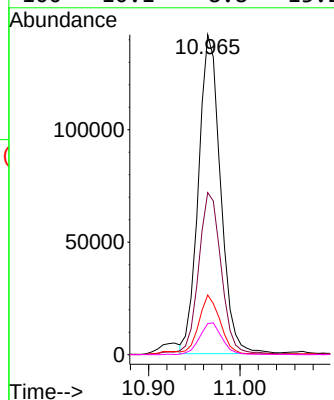
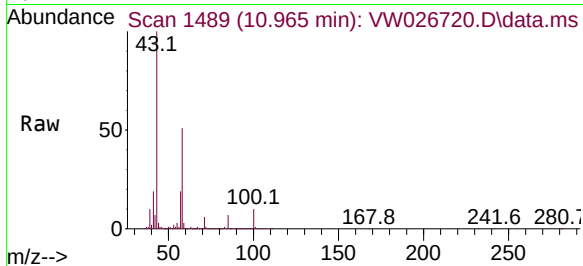


#48
2-Hexanone
Concen: 50.673 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

Tgt Ion: 43 Resp: 238260

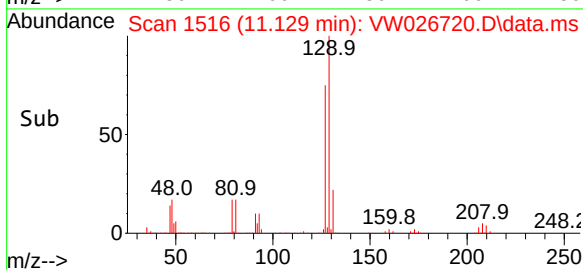
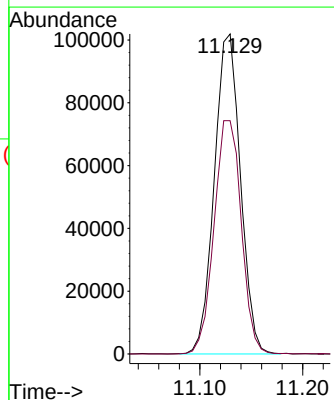
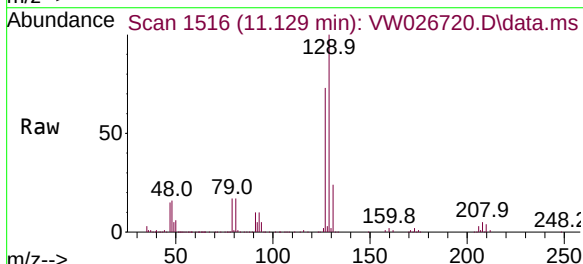
Ion	Ratio	Lower	Upper
43	100		
58	51.2	41.1	61.7
57	18.2	14.3	21.5
100	10.1	8.8	13.2

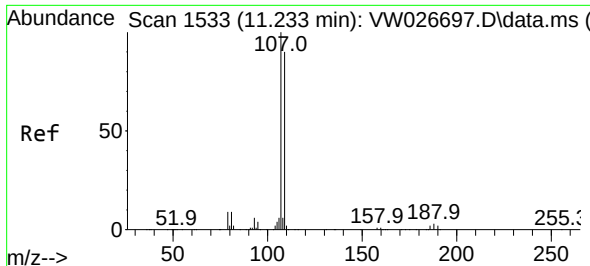


#49
Dibromochloromethane
Concen: 23.701 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

Tgt Ion: 129 Resp: 180099

Ion	Ratio	Lower	Upper
129	100		
127	72.9	56.6	105.2

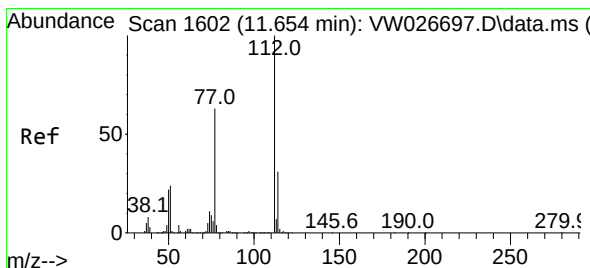
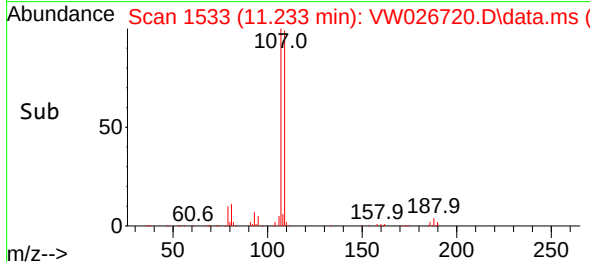
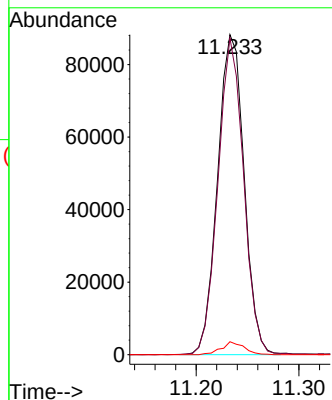
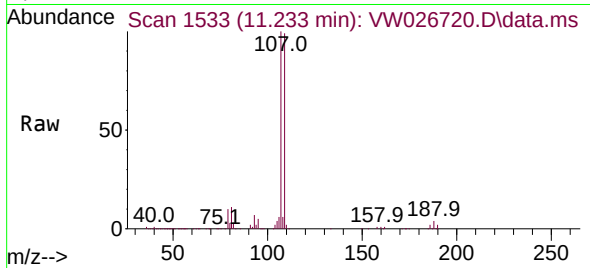




#50
1,2-Dibromoethane
Concen: 23.250 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

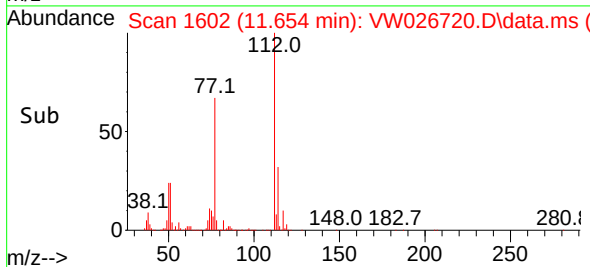
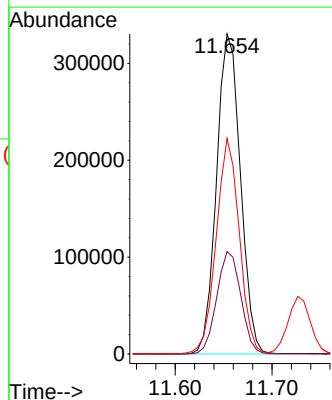
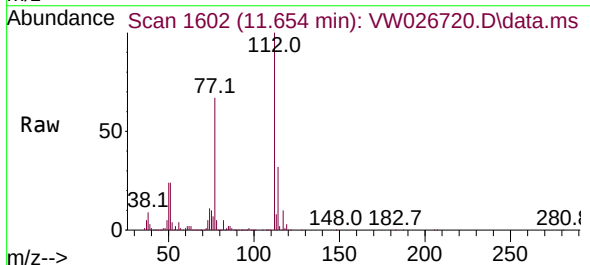
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

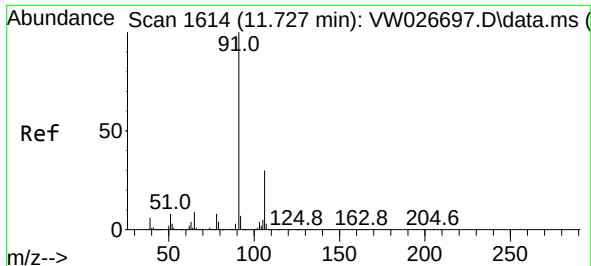
Tgt Ion:107 Resp: 158498
Ion Ratio Lower Upper
107 100
109 98.9 68.8 127.8
188 4.1 2.7 4.1



#51
Chlorobenzene
Concen: 22.855 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

Tgt Ion:112 Resp: 566395
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 67.4 50.2 75.2

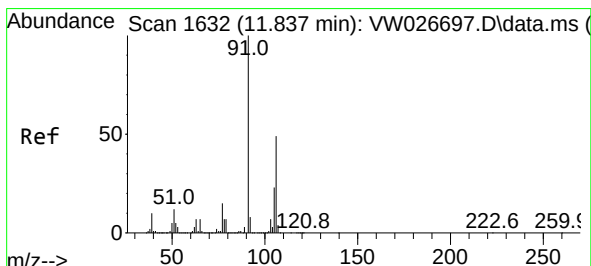
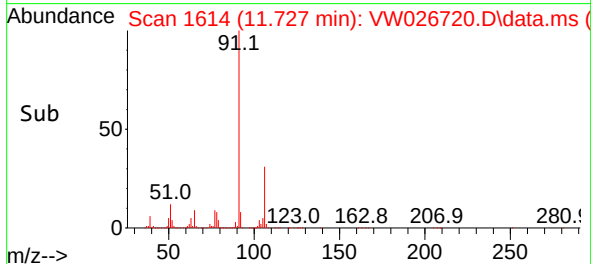
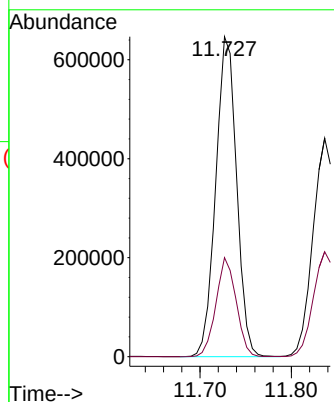
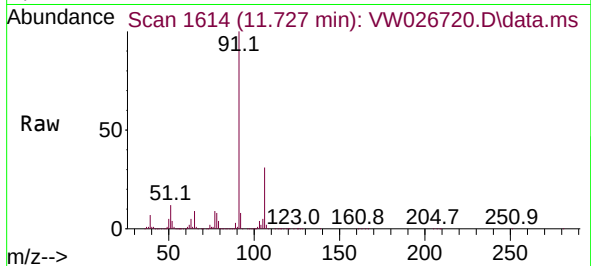




#52
Ethylbenzene
Concen: 23.336 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

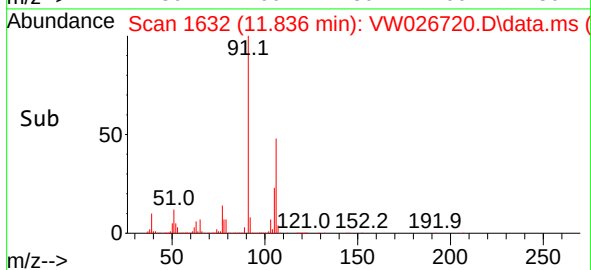
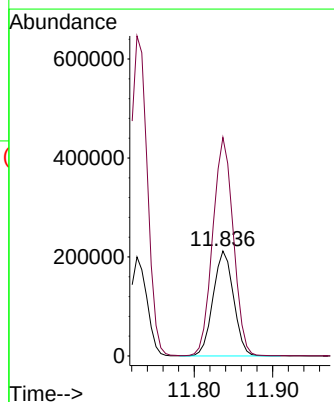
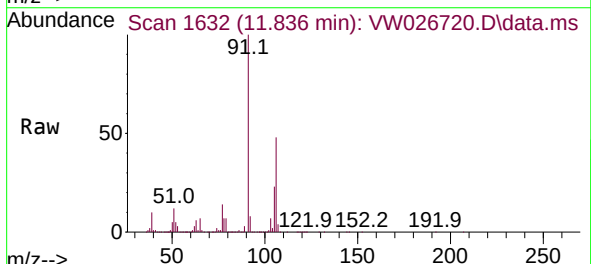
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

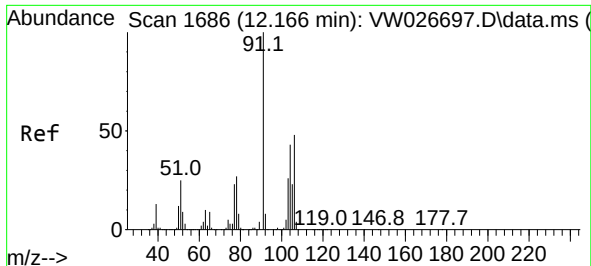
Tgt Ion: 91 Resp: 1026691
Ion Ratio Lower Upper
91 100
106 30.9 20.2 37.6



#53
m,p-Xylene
Concen: 23.679 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

Tgt Ion:106 Resp: 385943
Ion Ratio Lower Upper
106 100
91 208.3 152.9 284.1

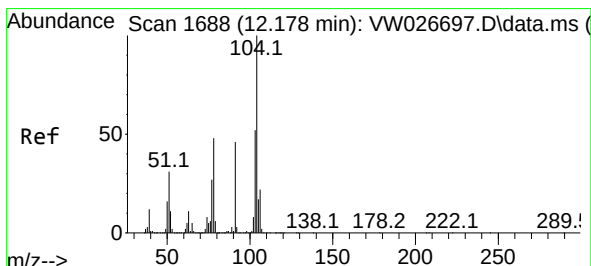
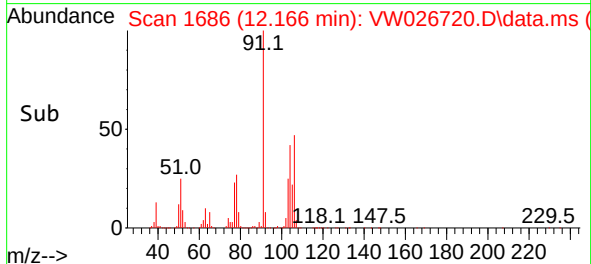
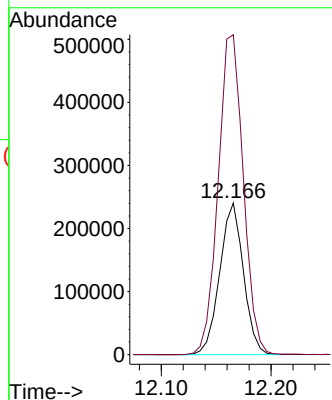
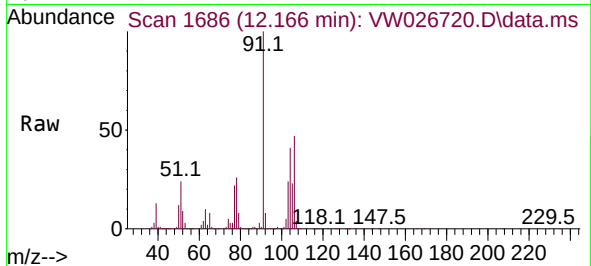




#54
o-Xylene
Concen: 23.737 ug/L
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

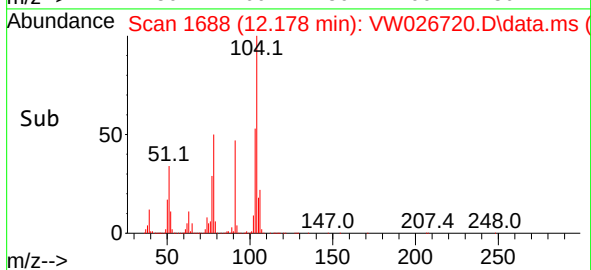
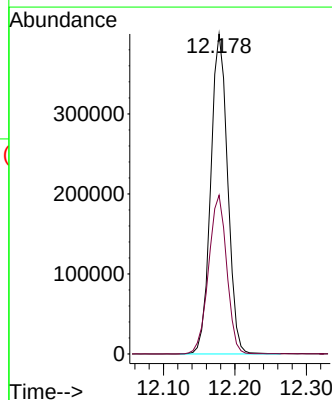
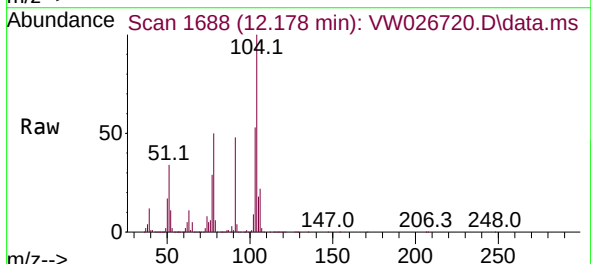
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

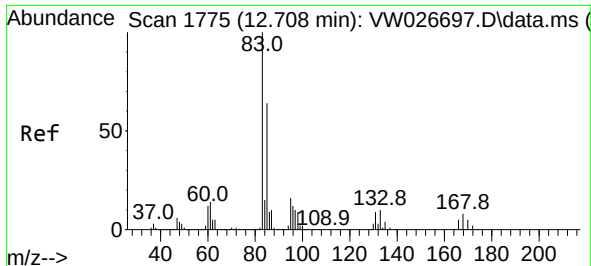
Tgt Ion:106 Resp: 361091
Ion Ratio Lower Upper
106 100
91 211.0 149.9 278.3



#55
Styrene
Concen: 24.816 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

Tgt Ion:104 Resp: 656358
Ion Ratio Lower Upper
104 100
78 49.6 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 24.168 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026720.D

Acq: 11 Aug 2023 19:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

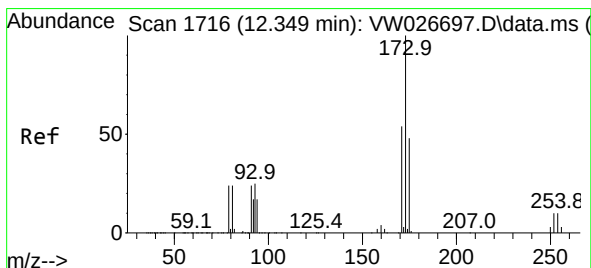
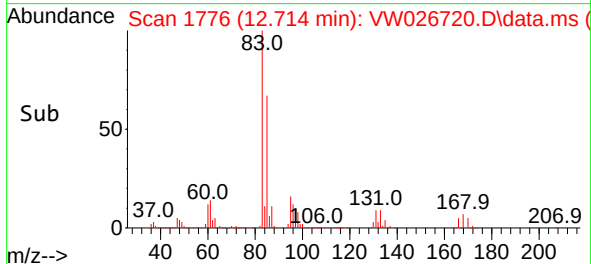
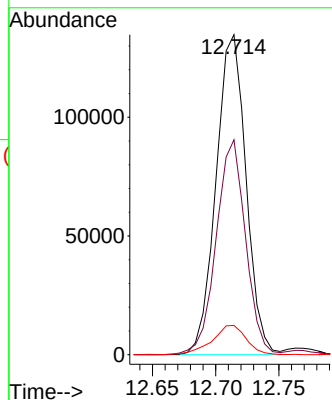
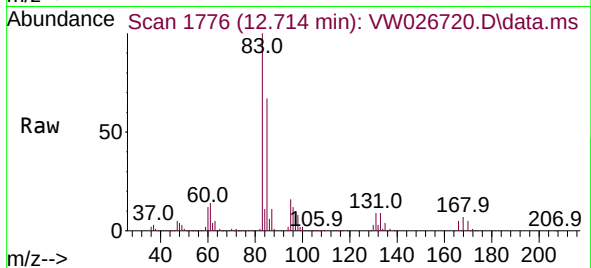
Tgt Ion: 83 Resp: 222374

Ion Ratio Lower Upper

83 100

85 67.2 44.9 83.3

131 9.1 7.4 11.0



#59

Bromoform

Concen: 23.099 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026720.D

Acq: 11 Aug 2023 19:12

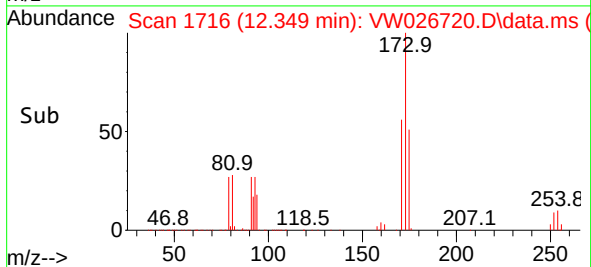
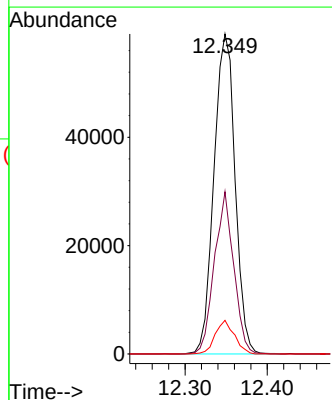
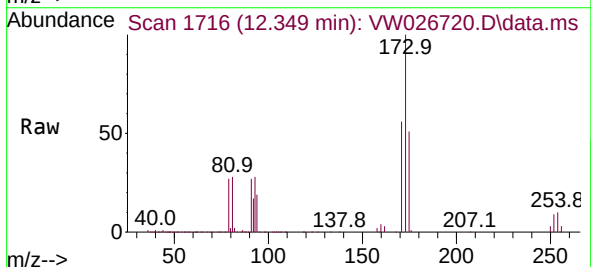
Tgt Ion:173 Resp: 105456

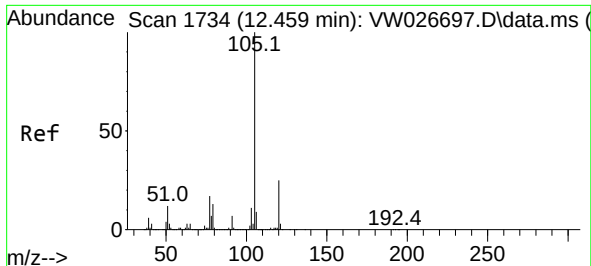
Ion Ratio Lower Upper

173 100

175 46.5 36.6 55.0

254 9.6 7.8 11.6

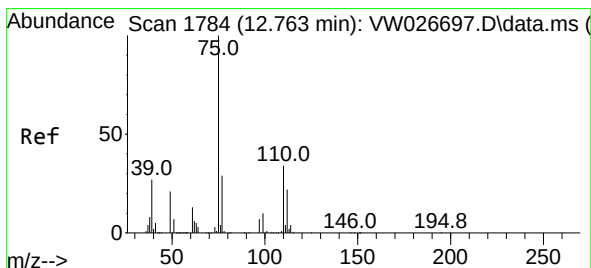
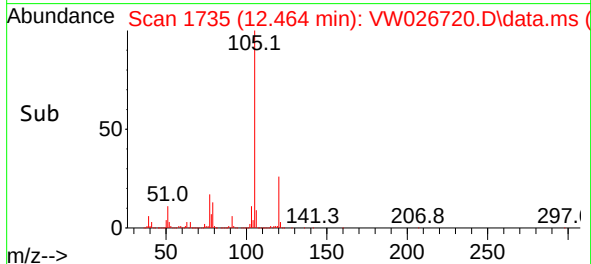
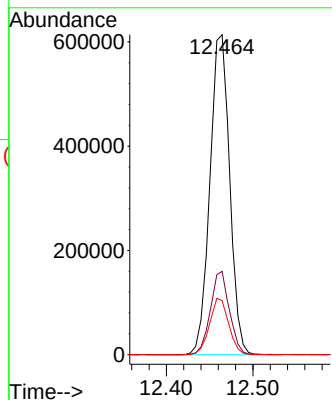
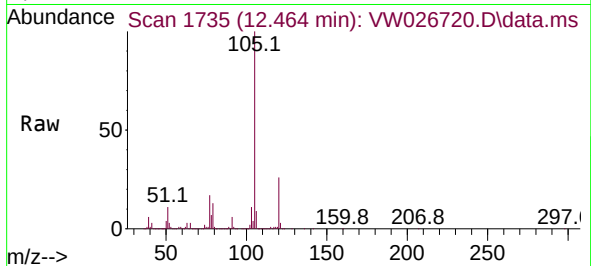




#60
Isopropylbenzene
Concen: 22.435 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

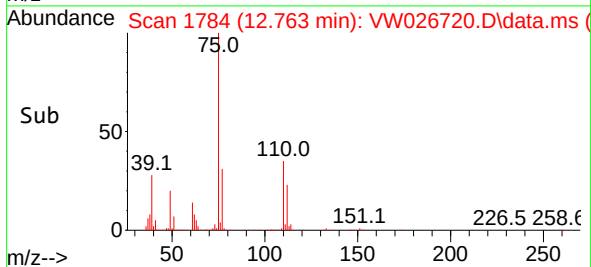
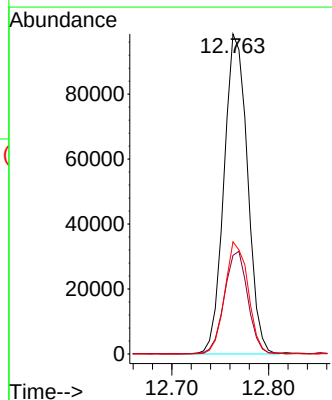
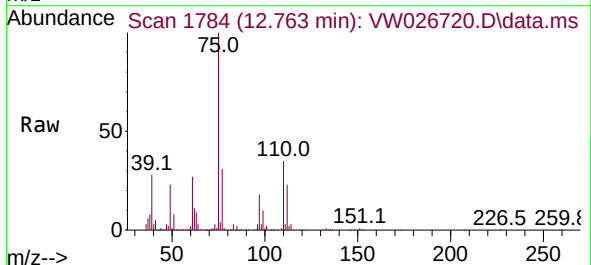
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

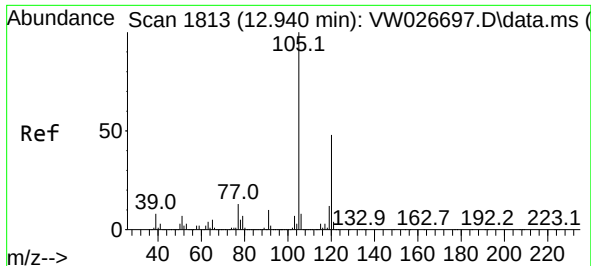
Tgt Ion:105 Resp: 972090
Ion Ratio Lower Upper
105 100
120 25.0 21.0 31.6
77 17.0 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 23.522 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

Tgt Ion: 75 Resp: 166282
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
110 34.8 29.9 44.9

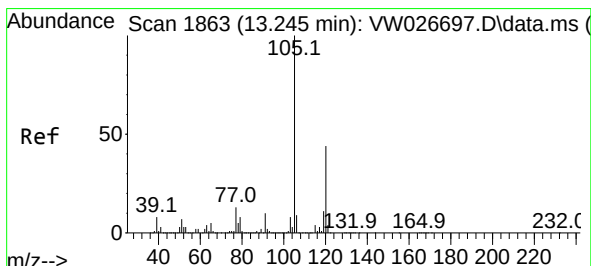
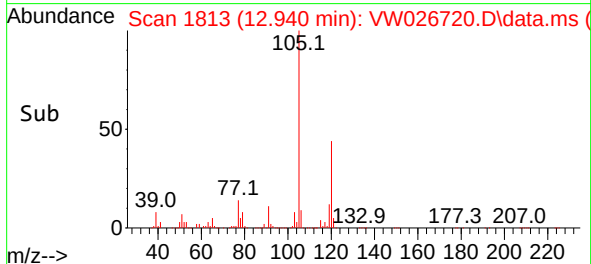
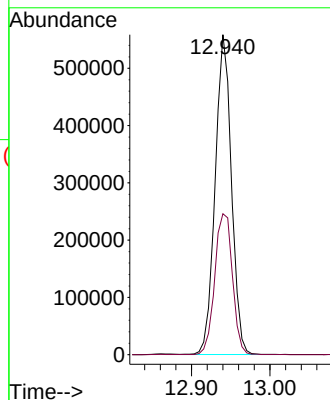
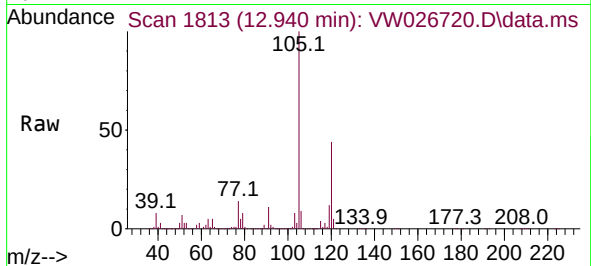




#62
1,3,5-Trimethylbenzene
Concen: 23.541 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

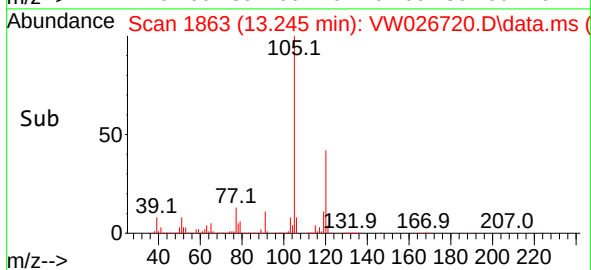
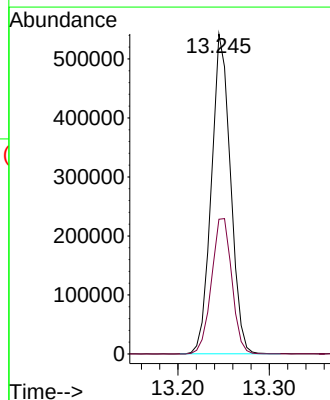
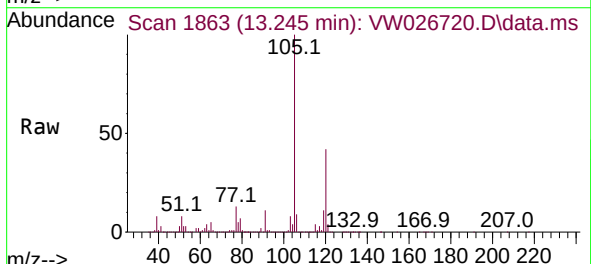
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

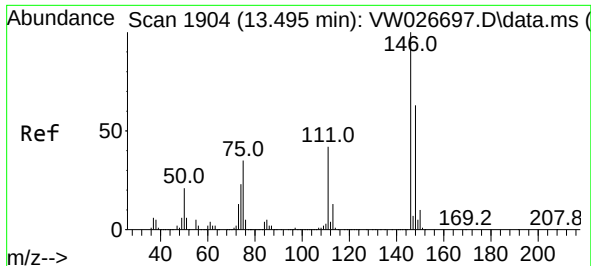
Tgt Ion:105 Resp: 806235
Ion Ratio Lower Upper
105 100
120 47.9 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 23.440 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

Tgt Ion:105 Resp: 786674
Ion Ratio Lower Upper
105 100
120 44.9 36.2 54.4

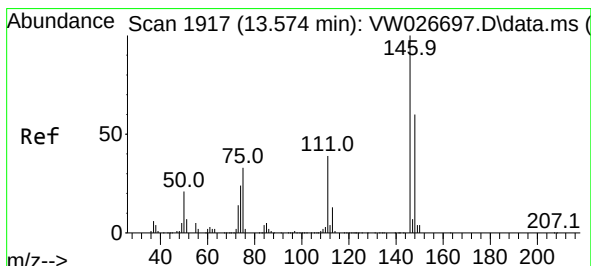
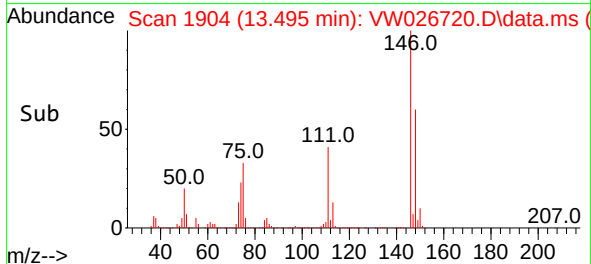
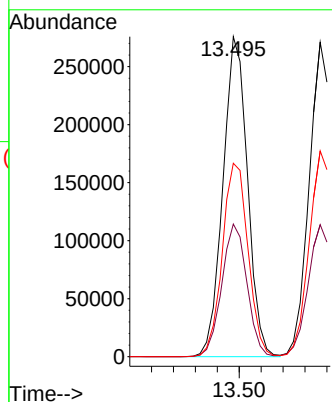
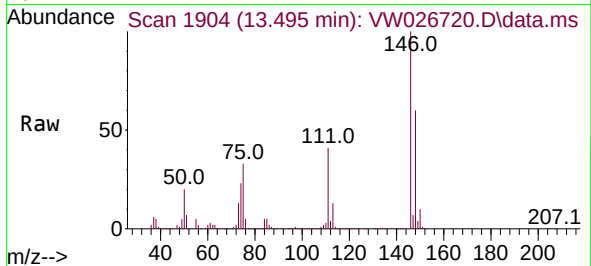




#64
1,3-Dichlorobenzene
Concen: 22.775 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

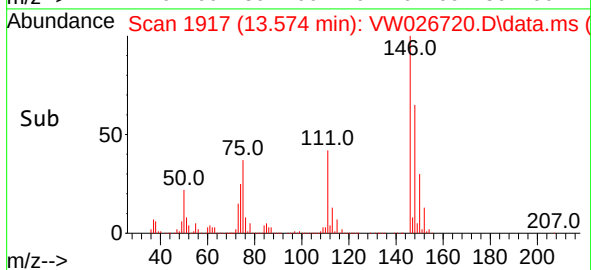
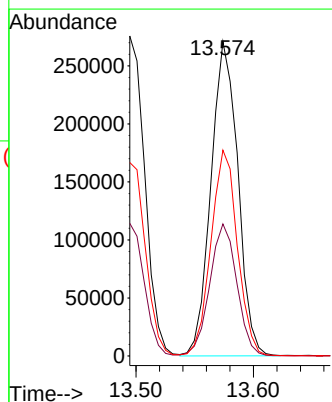
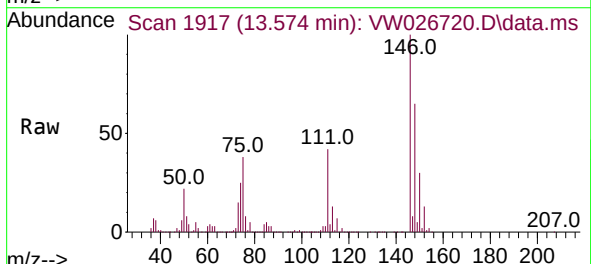
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

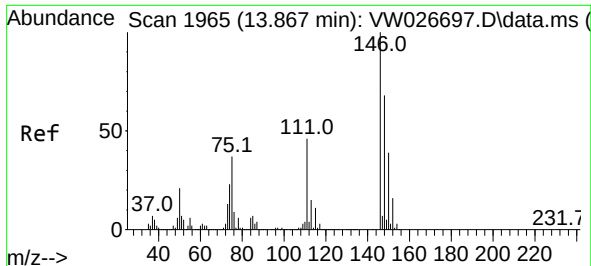
Tgt Ion:146 Resp: 429166
Ion Ratio Lower Upper
146 100
111 41.4 29.1 54.1
148 60.5 38.8 72.0



#65
1,4-Dichlorobenzene
Concen: 21.943 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026720.D
Acq: 11 Aug 2023 19:12

Tgt Ion:146 Resp: 431517
Ion Ratio Lower Upper
146 100
111 42.0 28.3 52.7
148 65.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 22.690 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026720.D

Acq: 11 Aug 2023 19:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

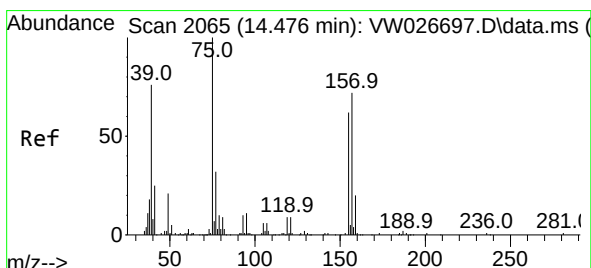
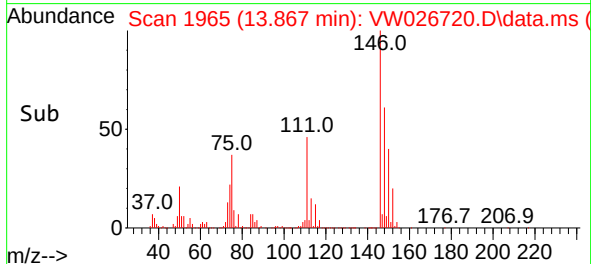
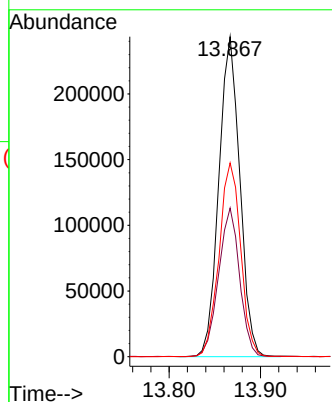
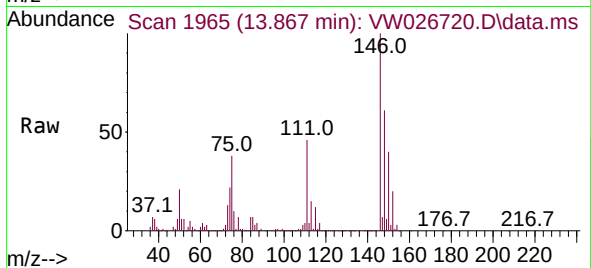
Tgt Ion:146 Resp: 388810

Ion Ratio Lower Upper

146 100

111 46.5 34.6 52.0

148 60.6 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.551 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW026720.D

Acq: 11 Aug 2023 19:12

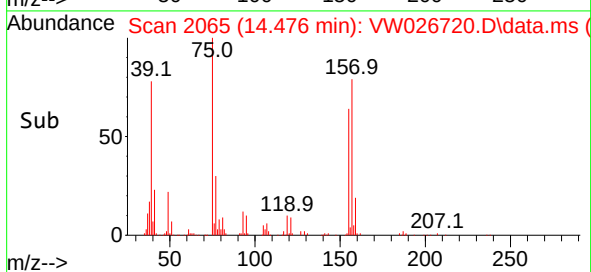
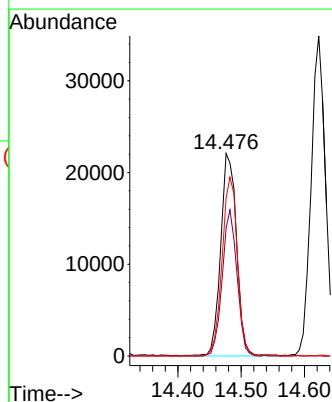
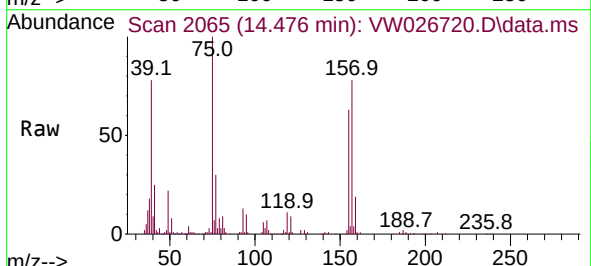
Tgt Ion: 75 Resp: 38433

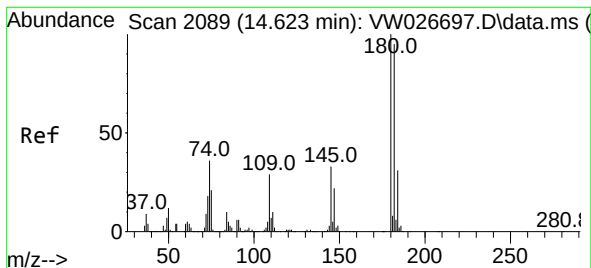
Ion Ratio Lower Upper

75 100

155 63.1 55.0 82.6

157 78.0 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 20.481 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026720.D

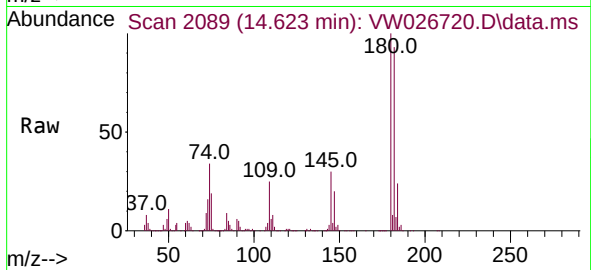
Acq: 11 Aug 2023 19:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576



Tgt Ion:180 Resp: 260745

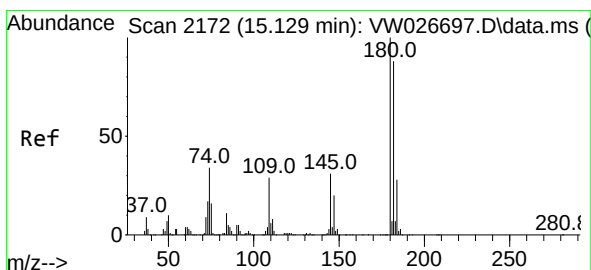
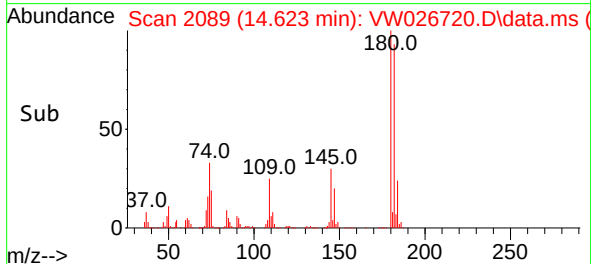
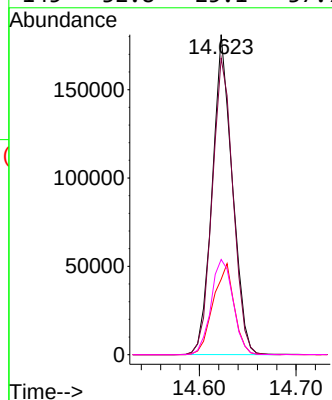
Ion Ratio Lower Upper

180 100

182 96.2 75.2 112.8

184 29.8 23.8 35.8

145 32.8 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 20.333 ug/L

RT: 15.135 min Scan# 2173

Delta R.T. 0.006 min

Lab File: VW026720.D

Acq: 11 Aug 2023 19:12

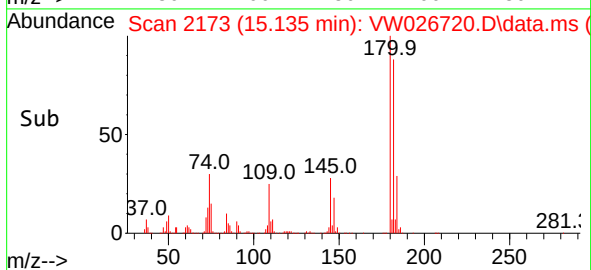
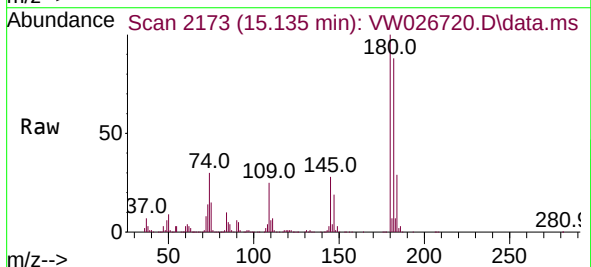
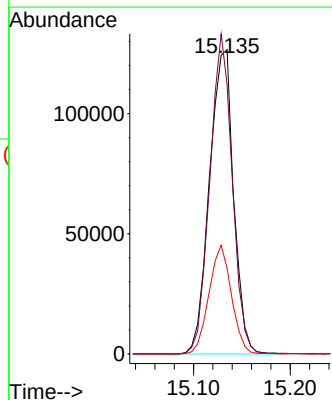
Tgt Ion:180 Resp: 219471

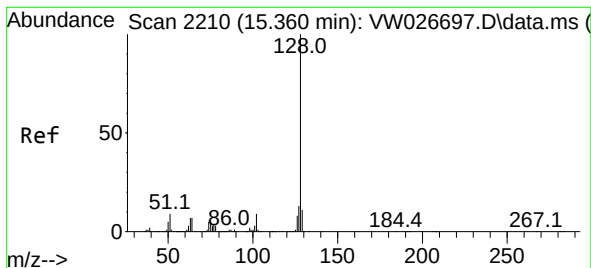
Ion Ratio Lower Upper

180 100

182 97.4 72.5 108.7

145 33.2 24.7 37.1





#71

Naphthalene

Concen: 23.117 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026720.D

Acq: 11 Aug 2023 19:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

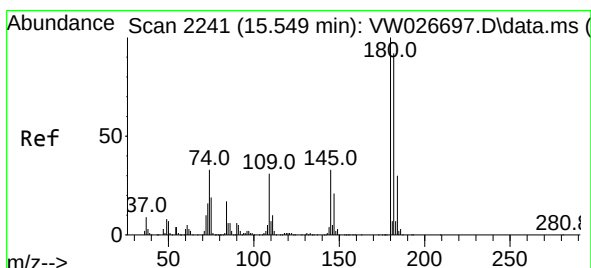
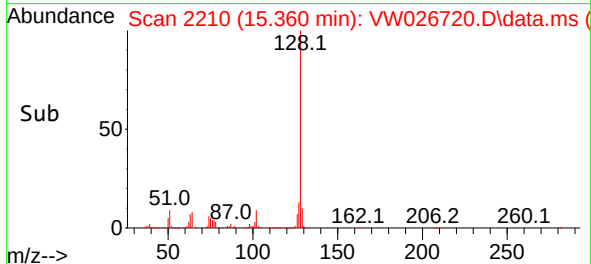
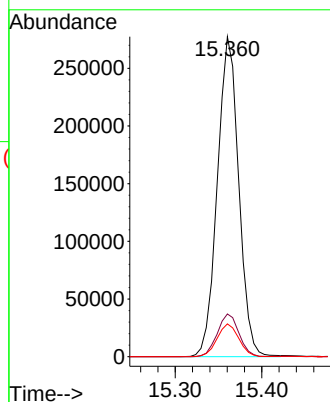
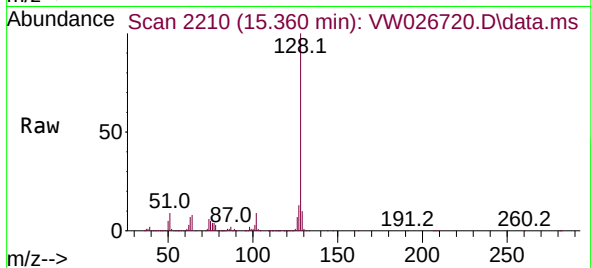
Tgt Ion:128 Resp: 475978

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 10.4 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 21.839 ug/L

RT: 15.555 min Scan# 2242

Delta R.T. 0.006 min

Lab File: VW026720.D

Acq: 11 Aug 2023 19:12

Tgt Ion:180 Resp: 212618

Ion Ratio Lower Upper

180 100

182 97.7 74.6 112.0

145 34.9 27.0 40.6

