

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031723\
 Data File : VW025427.D
 Acq On : 17 Mar 2023 20:07
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025551

Quant Time: Mar 17 21:44:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 17 21:39:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	634808	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	568145	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	280812	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	208434	19.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.000%
7) Chloroethane-d5	2.899	69	163972	21.590	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.360%
11) 1,1-Dichloroethene-d2	4.027	63	463551	22.738	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.960%
21) 2-Butanone-d5	7.075	46	179393	69.242	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.480%#
24) Chloroform-d	7.648	84	457945	25.023	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.080%
26) 1,2-Dichloroethane-d4	8.300	65	258871	26.355	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	8.276	84	922763	23.770	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.080%
36) 1,2-Dichloropropane-d6	9.270	67	296135	24.658	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.640%
41) Toluene-d8	10.318	98	827123	24.165	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.680%
43) trans-1,3-Dichloroprop...	10.574	79	115985	24.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.000%
47) 2-Hexanone-d5	10.922	63	120526	69.791	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.580%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	260969	29.660	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.640%
66) 1,2-Dichlorobenzene-d4	13.854	152	253591	24.284	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	166763	22.987	ug/L	91
3) Chloromethane	2.222	50	231535	26.835	ug/L	100
5) Vinyl chloride	2.375	62	245521	25.187	ug/L	99
6) Bromomethane	2.783	94	130745	25.158	ug/L	97
8) Chloroethane	2.929	64	146149	26.086	ug/L	93
9) Trichlorofluoromethane	3.265	101	169340	20.071	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	222492	27.193	ug/L	98
12) 1,1-Dichloroethene	4.051	96	205043	25.902	ug/L	89
13) Acetone	4.118	43	111392	44.726	ug/L	99
14) Carbon disulfide	4.392	76	642936	26.122	ug/L	98
15) Methyl Acetate	4.667	43	149409	31.978	ug/L	98
16) Methylene chloride	4.923	84	223219	25.253	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	221748	26.722	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	348134	27.866	ug/L	99
19) 1,1-Dichloroethane	6.215	63	460525	26.799	ug/L	100
20) cis-1,2-Dichloroethene	7.172	96	240949	26.519	ug/L	95
22) 2-Butanone	7.172	43	199306	61.862	ug/L	98
23) Bromochloromethane	7.514	128	105229	26.932	ug/L	95
25) Chloroform	7.672	83	429617	26.594	ug/L	100

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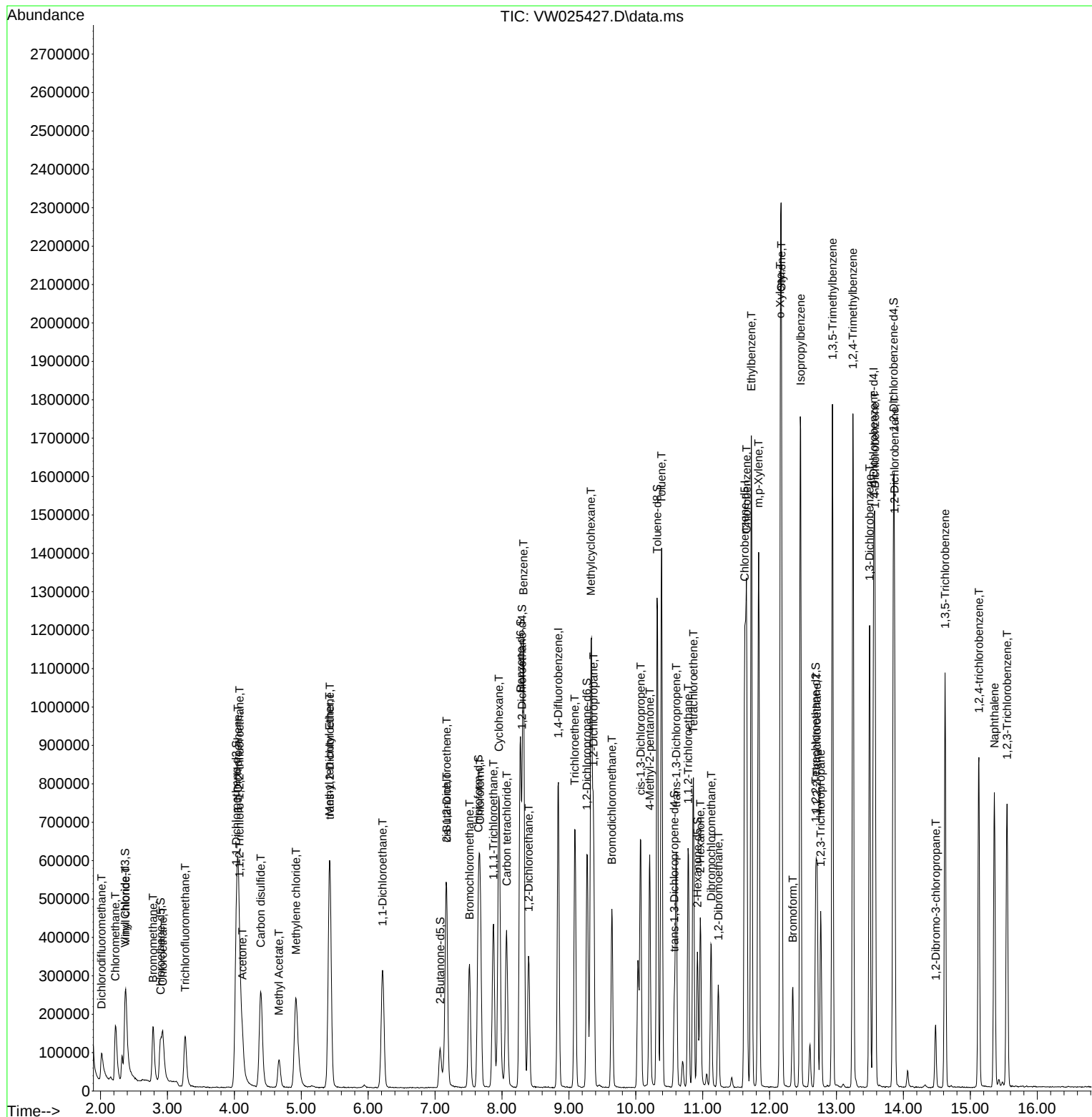
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	306591	28.438	ug/L	98
29) Cyclohexane	7.953	56	450920	28.117	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	341100	25.256	ug/L	100
31) Carbon tetrachloride	8.069	117	304956	25.190	ug/L	96
33) Benzene	8.319	78	968646	26.667	ug/L	100
34) Trichloroethene	9.087	95	243995	25.593	ug/L	96
35) Methylcyclohexane	9.331	83	458102	27.894	ug/L	99
37) 1,2-Dichloropropane	9.367	63	264370	26.440	ug/L	100
38) Bromodichloromethane	9.642	83	305652	26.212	ug/L	100
39) cis-1,3-Dichloropropene	10.074	75	380933	26.446	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	417261	69.433	ug/L	99
42) Toluene	10.385	91	996768	26.577	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	327236	27.128	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	189497	28.221	ug/L	98
46) Tetrachloroethene	10.861	164	172441	25.420	ug/L	98
48) 2-Hexanone	10.964	43	295004	68.231	ug/L	99
49) Dibromochloromethane	11.129	129	193474	26.967	ug/L	99
50) 1,2-Dibromoethane	11.233	107	179518	28.883	ug/L	92
51) Chlorobenzene	11.653	112	612270	25.723	ug/L	98
52) Ethylbenzene	11.727	91	1138943	26.627	ug/L	96
53) m,p-Xylene	11.836	106	426660	27.044	ug/L	96
54) o-Xylene	12.159	106	401334	27.034	ug/L	100
55) Styrene	12.178	104	690646	27.243	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	250507	29.992	ug/L	98
59) Bromoform	12.348	173	113371	27.983	ug/L	99
60) Isopropylbenzene	12.464	105	1106293	26.428	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	186303	30.451	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	891508	26.890	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	897444	27.478	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	447269	25.215	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	459331	25.245	ug/L	99
67) 1,2-Dichlorobenzene	13.866	146	419519	26.370	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.482	75	41894	29.578	ug/L	92
69) 1,3,5-Trichlorobenzene	14.622	180	294156	24.395	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	248996	24.906	ug/L	98
71) Naphthalene	15.360	128	621830	31.510	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	222539	24.783	ug/L	96

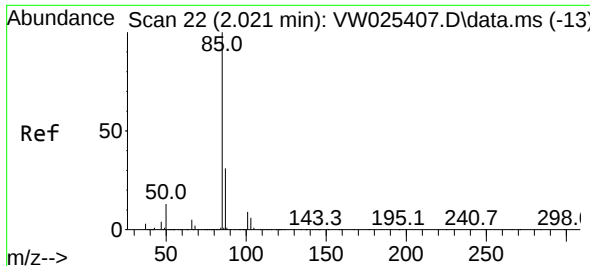
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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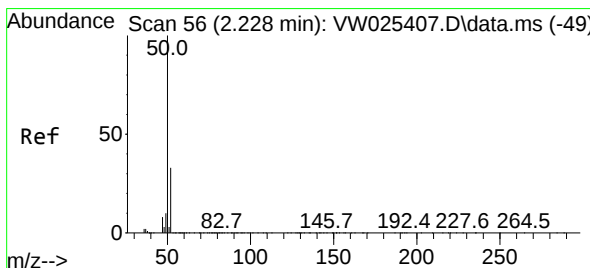
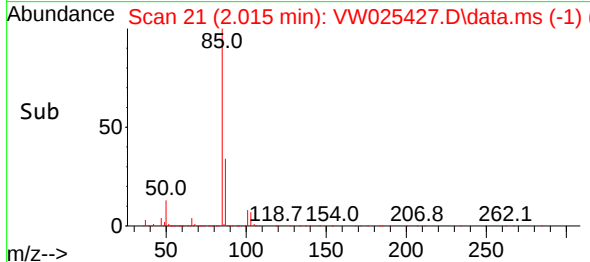
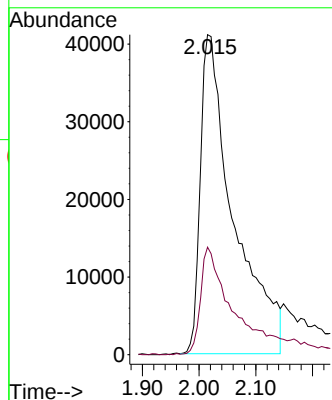
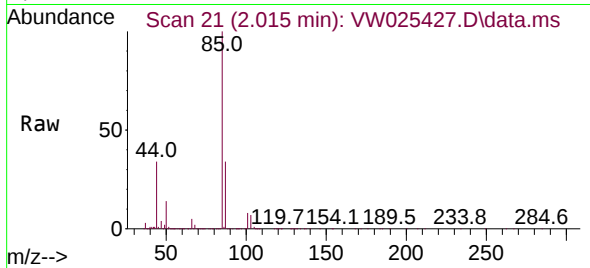




#2
 Dichlorodifluoromethane
 Concen: 22.987 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW025427.D
 Acq: 17 Mar 2023 20:07

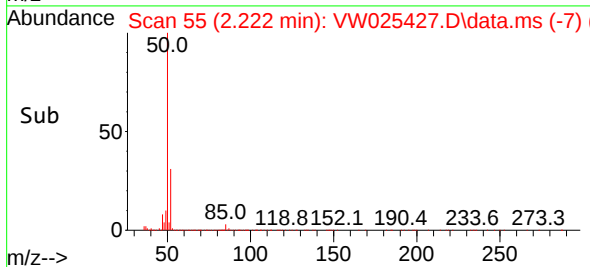
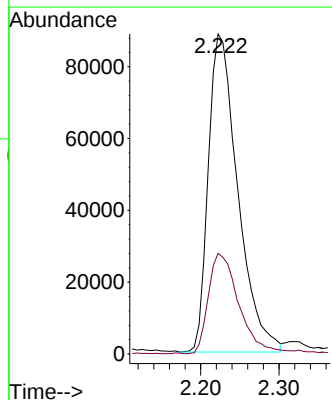
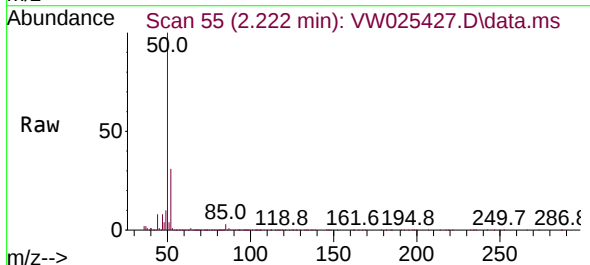
Instrument :
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 ClientSampleId :
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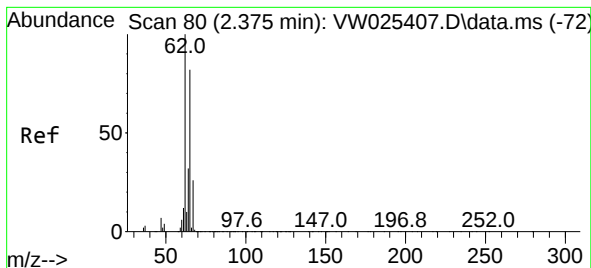
Tgt Ion: 85 Resp: 166763
 Ion Ratio Lower Upper
 85 100
 87 30.2 20.5 30.7



#3
 Chloromethane
 Concen: 26.835 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW025427.D
 Acq: 17 Mar 2023 20:07

Tgt Ion: 50 Resp: 231535
 Ion Ratio Lower Upper
 50 100
 52 31.5 21.9 40.7





#5

Vinyl chloride

Concen: 25.187 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

Instrument :

MSVOA_W

ClientSampleId :

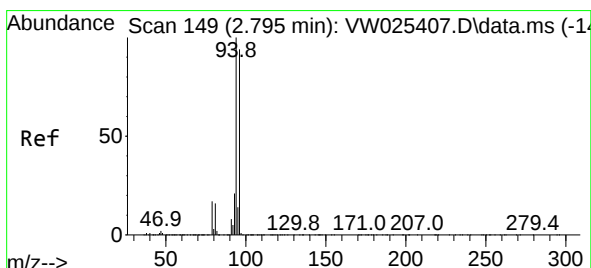
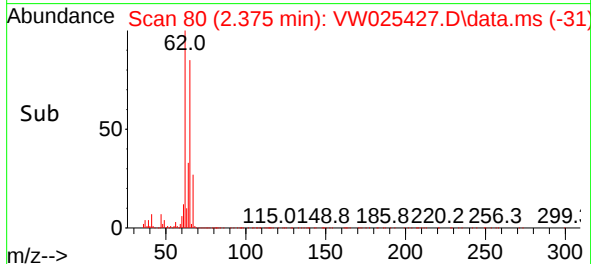
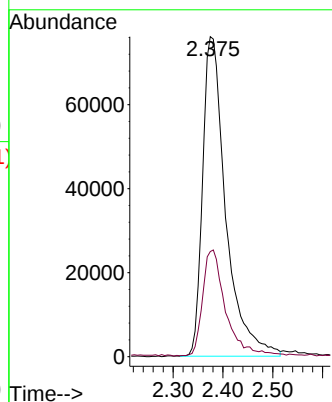
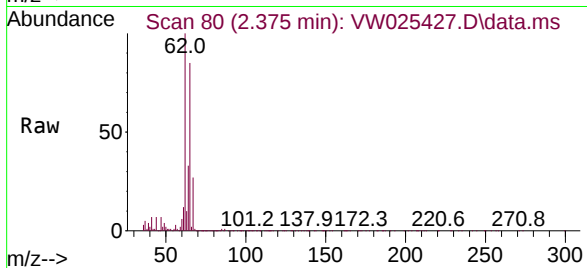
VSTD025551

Tgt Ion: 62 Resp: 245521

Ion Ratio Lower Upper

62 100

64 32.8 23.4 43.6



#6

Bromomethane

Concen: 25.158 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.012 min

Lab File: VW025427.D

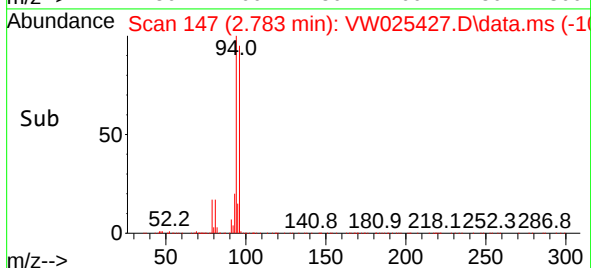
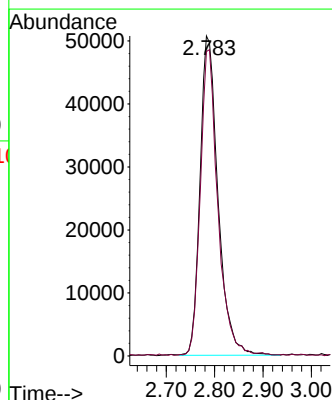
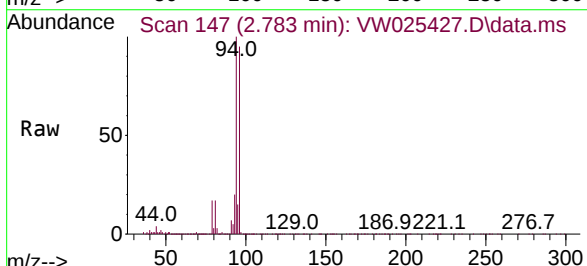
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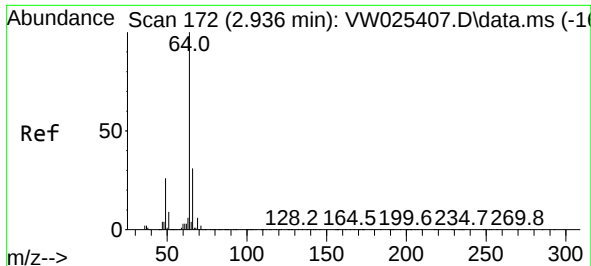
Tgt Ion: 94 Resp: 130745

Ion Ratio Lower Upper

94 100

96 95.1 64.5 119.9

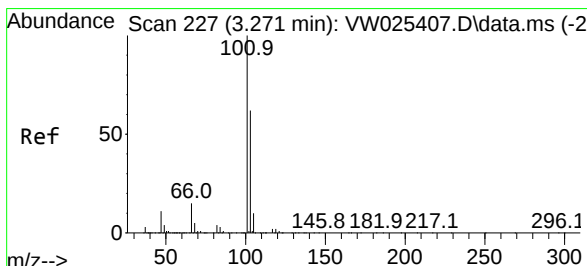
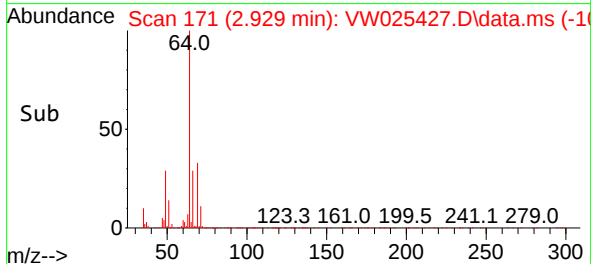
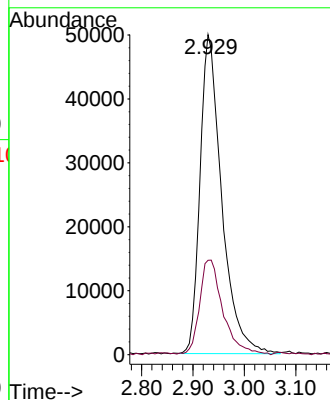
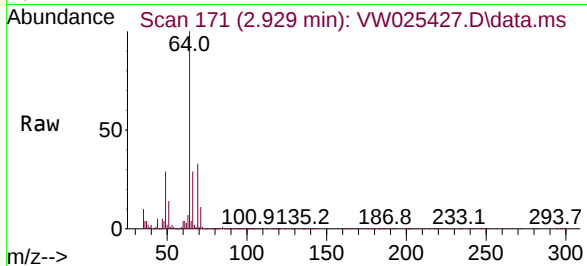




#8
Chloroethane
Concen: 26.086 ug/L
RT: 2.929 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

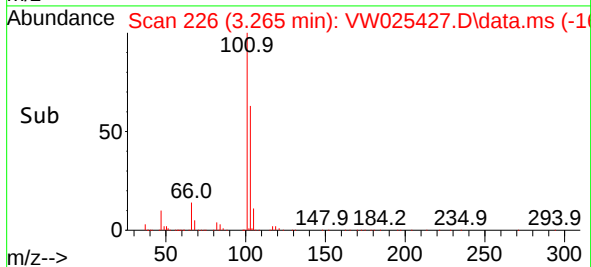
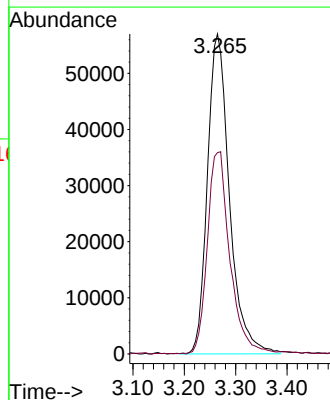
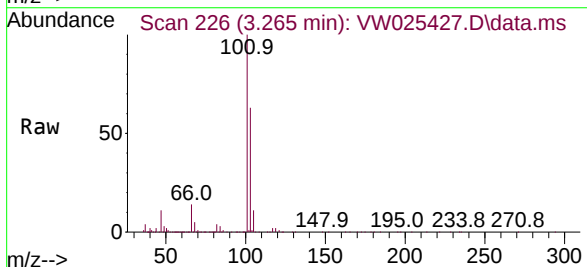
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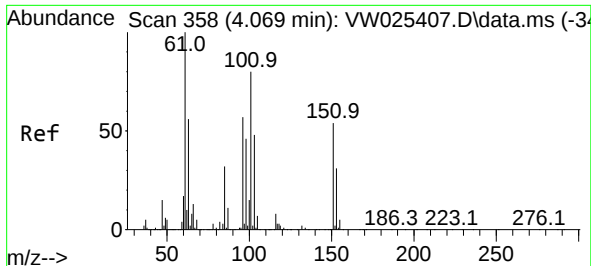
Tgt Ion: 64 Resp: 146149
Ion Ratio Lower Upper
64 100
66 29.5 23.3 43.3



#9
Trichlorofluoromethane
Concen: 20.071 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

Tgt Ion: 101 Resp: 169340
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

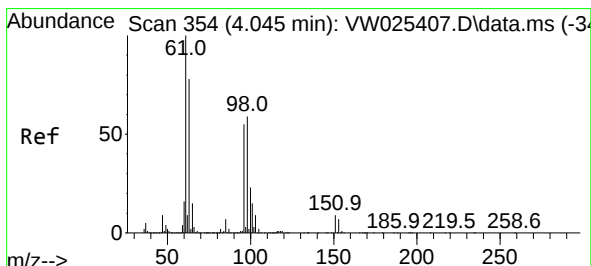
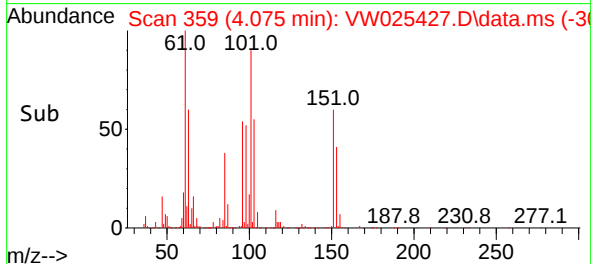
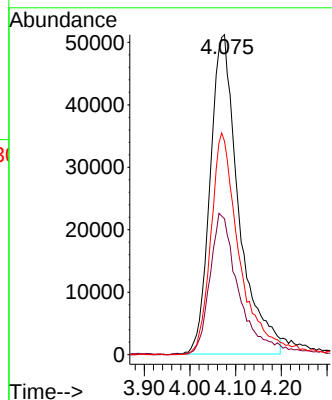
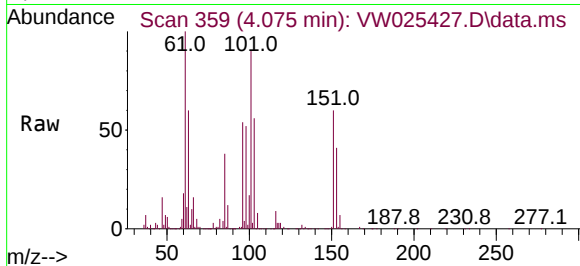




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.193 ug/L
 RT: 4.075 min Scan# 359
 Delta R.T. 0.006 min
 Lab File: VW025427.D
 Acq: 17 Mar 2023 20:07

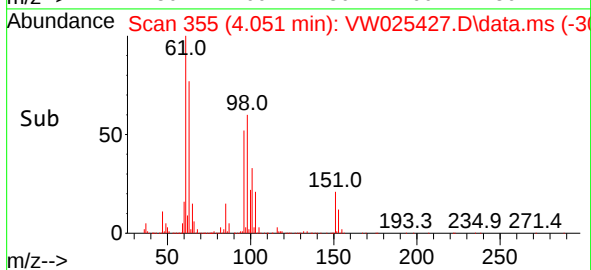
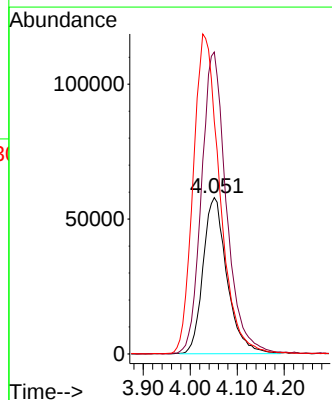
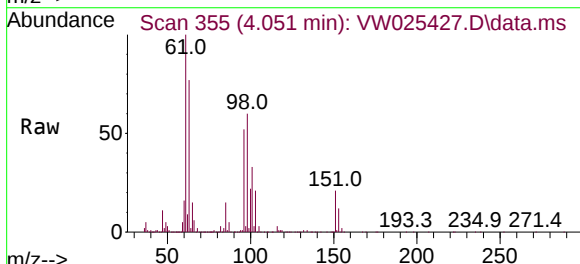
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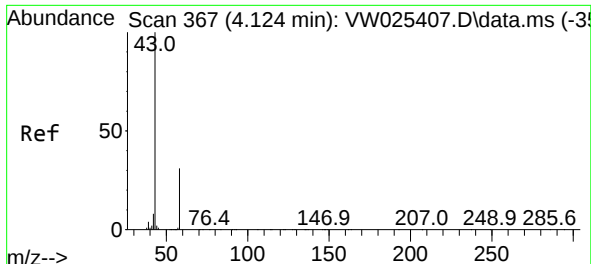
Tgt Ion:101 Resp: 222492
 Ion Ratio Lower Upper
 101 100
 85 42.8 35.8 53.8
 151 69.0 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 25.902 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW025427.D
 Acq: 17 Mar 2023 20:07

Tgt Ion: 96 Resp: 205043
 Ion Ratio Lower Upper
 96 100
 61 193.1 130.7 242.7
 63 148.9 88.3 164.1

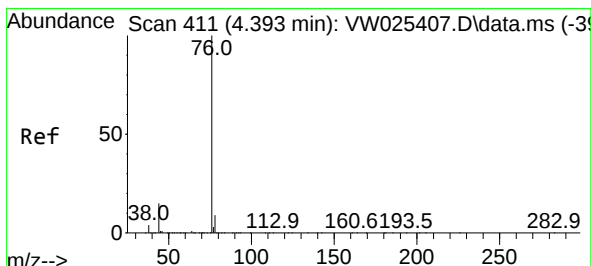
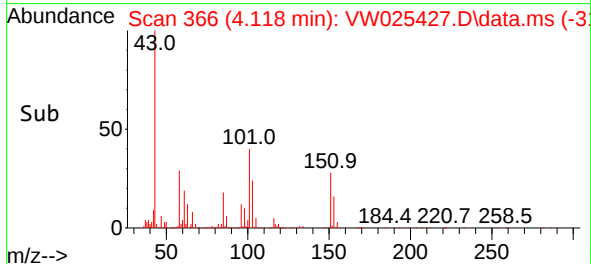
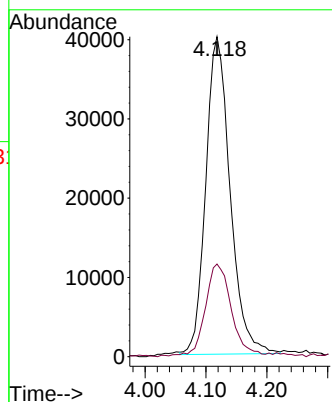
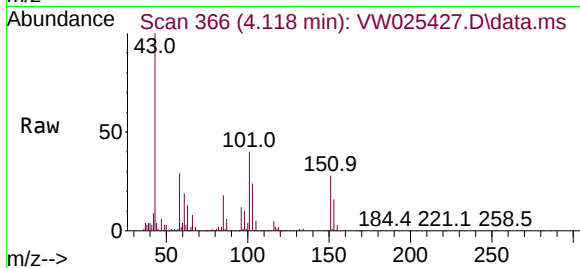




#13
Acetone
Concen: 44.726 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

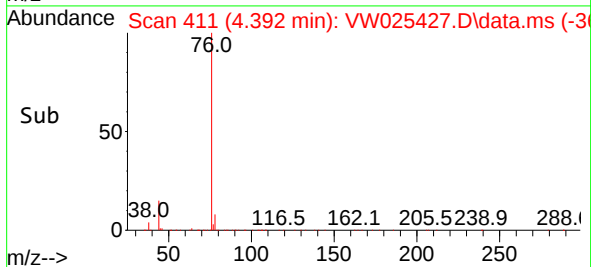
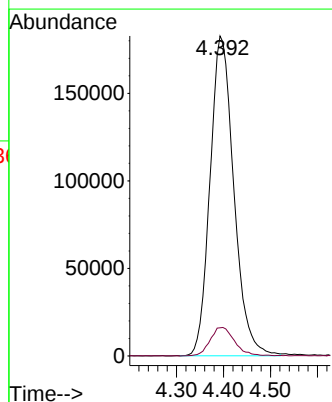
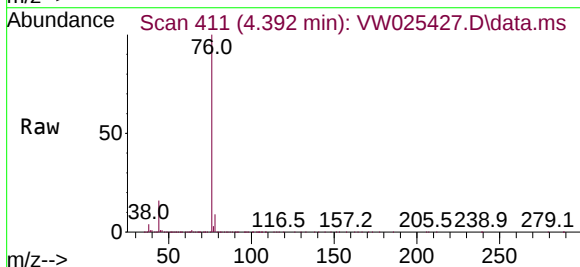
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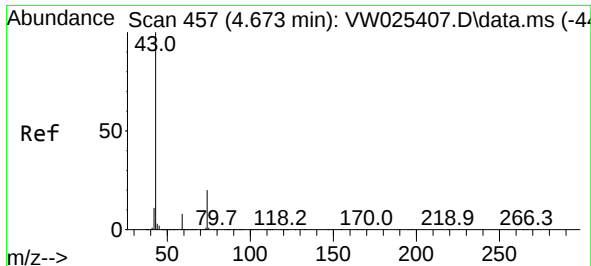
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Ion Ratio Lower Upper
43 100
58 29.4 0.0 60.0



#14
Carbon disulfide
Concen: 26.122 ug/L
RT: 4.392 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

Tgt Ion: 76 Resp: 642936
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4

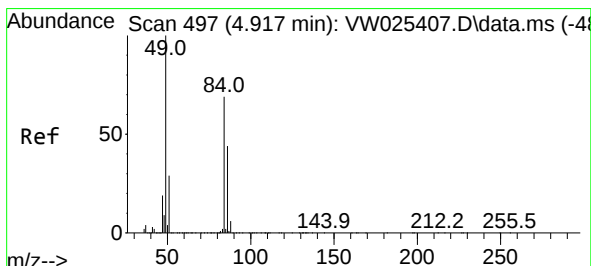
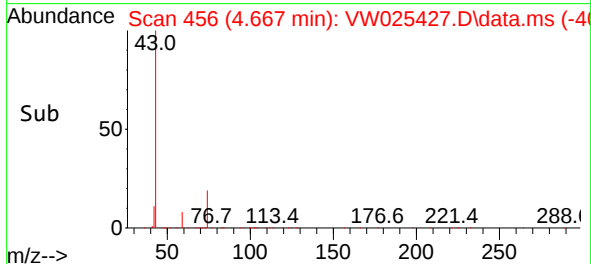
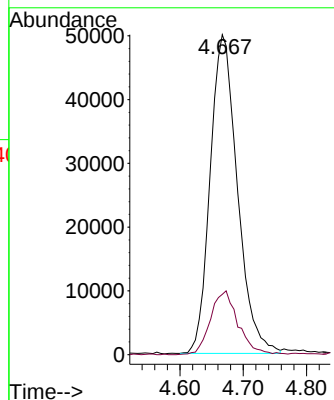
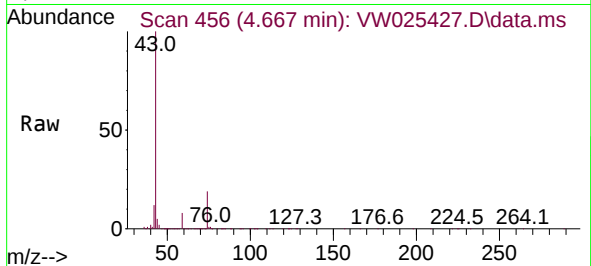




#15
Methyl Acetate
Concen: 31.978 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

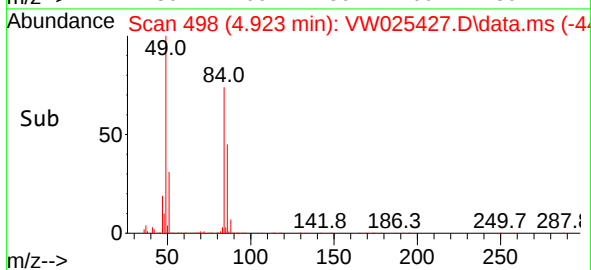
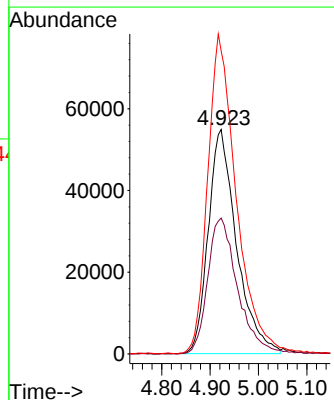
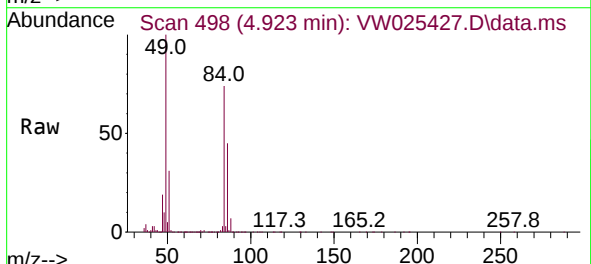
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

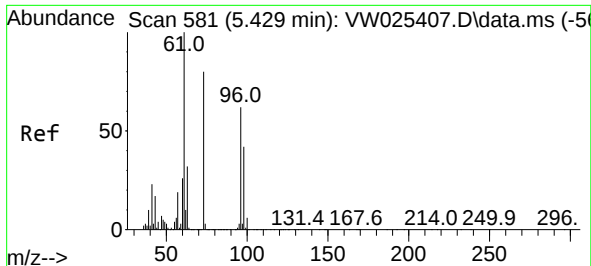
Tgt Ion: 43 Resp: 149409
Ion Ratio Lower Upper
43 100
74 20.2 17.0 25.4



#16
Methylene chloride
Concen: 25.253 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

Tgt Ion: 84 Resp: 223219
Ion Ratio Lower Upper
84 100
86 60.6 45.1 83.7
49 135.0 94.7 175.9

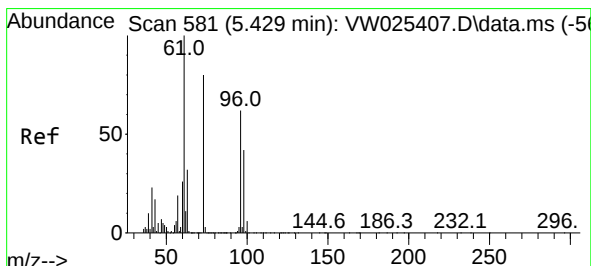
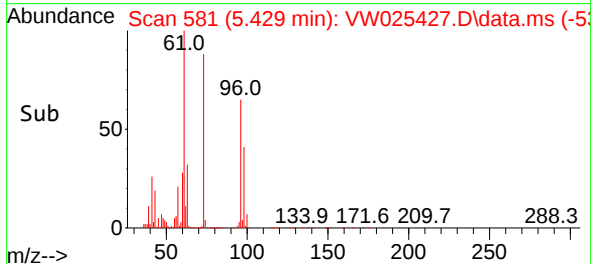
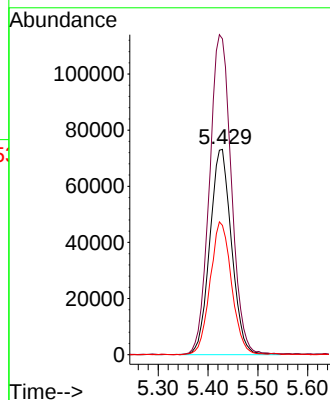
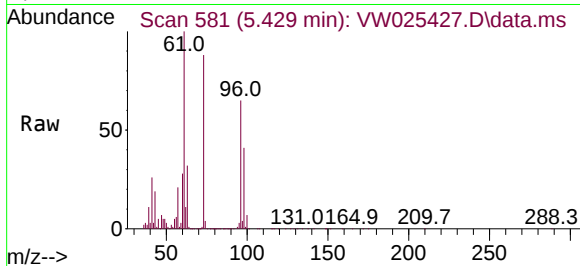




#17
trans-1,2-Dichloroethene
Concen: 26.722 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

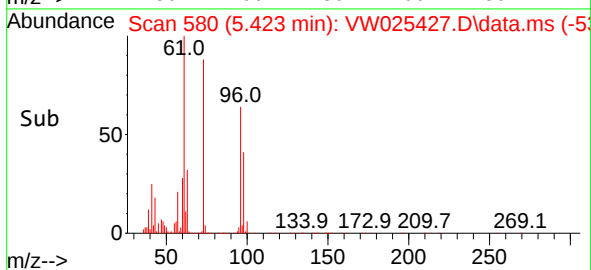
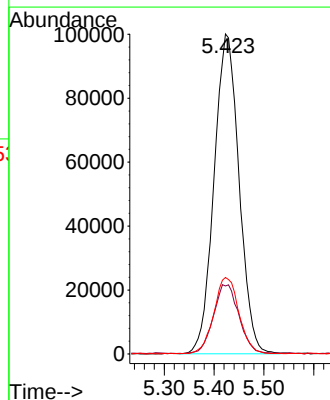
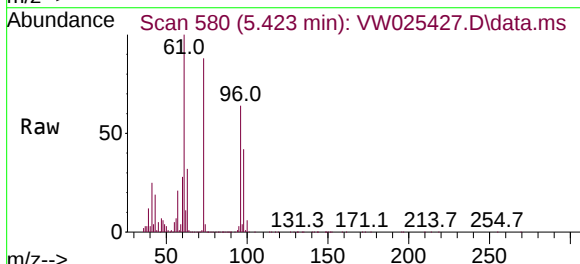
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

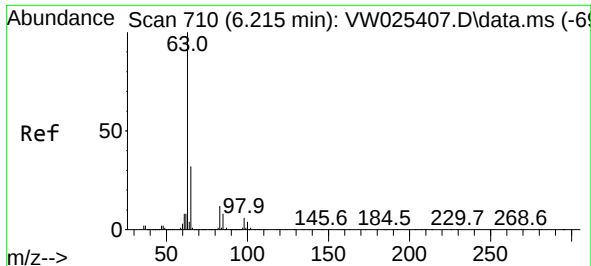
Tgt Ion: 96 Resp: 221748
Ion Ratio Lower Upper
96 100
61 153.9 103.0 191.4
98 63.0 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 27.866 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

Tgt Ion: 73 Resp: 348134
Ion Ratio Lower Upper
73 100
43 22.0 17.6 26.4
57 23.9 18.6 28.0





#19

1,1-Dichloroethane

Concen: 26.799 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025551

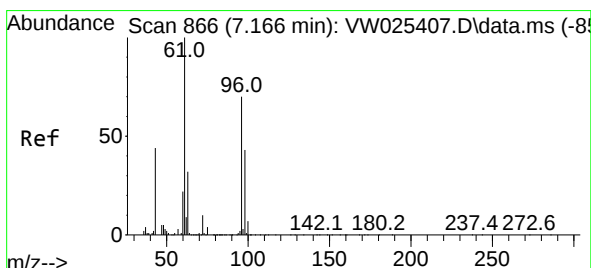
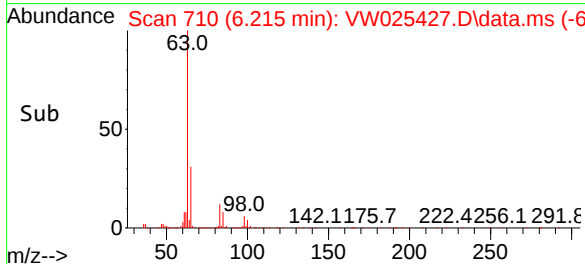
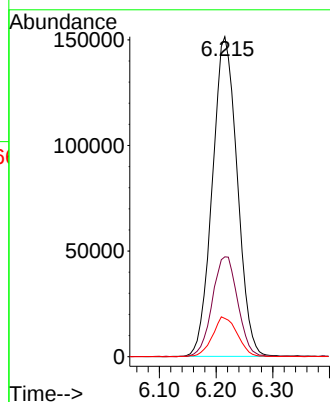
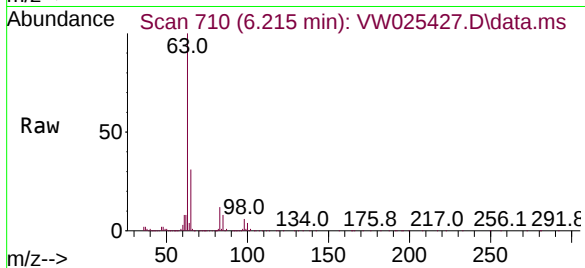
Tgt Ion: 63 Resp: 460525

Ion Ratio Lower Upper

63 100

65 31.2 21.7 40.3

83 11.9 8.4 15.6



#20

cis-1,2-Dichloroethene

Concen: 26.519 ug/L

RT: 7.172 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

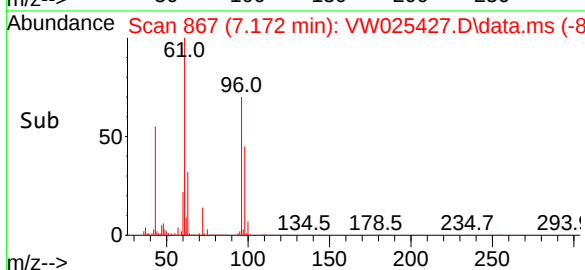
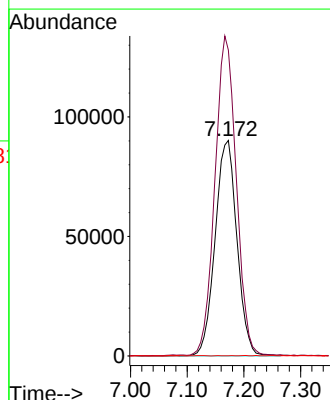
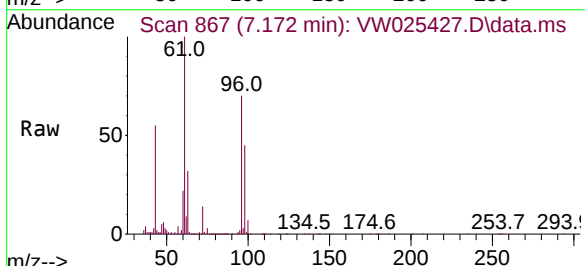
Tgt Ion: 96 Resp: 240949

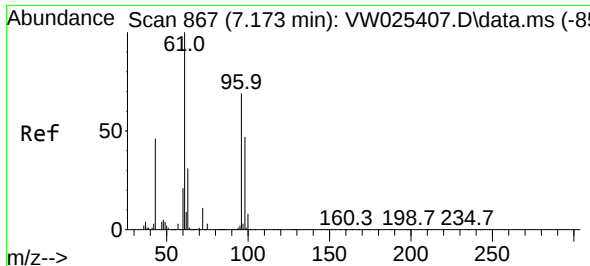
Ion Ratio Lower Upper

96 100

61 142.0 95.5 177.4

68 0.1 0.1 0.1

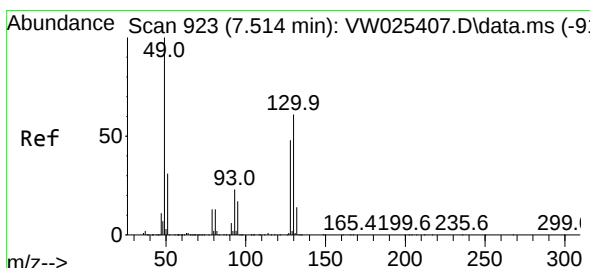
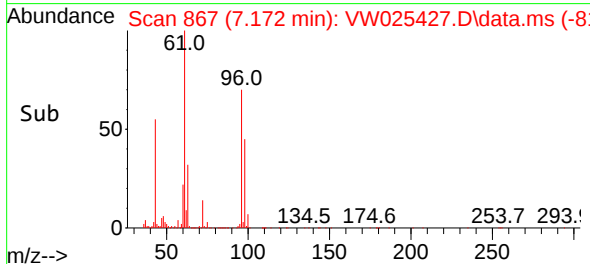
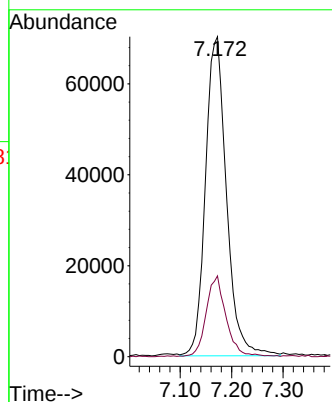
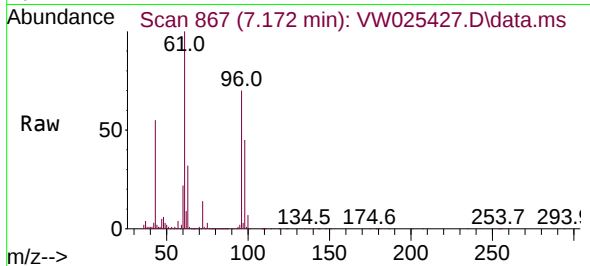




#22
2-Butanone
Concen: 61.862 ug/L
RT: 7.172 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

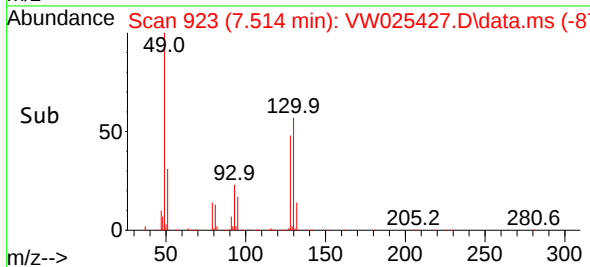
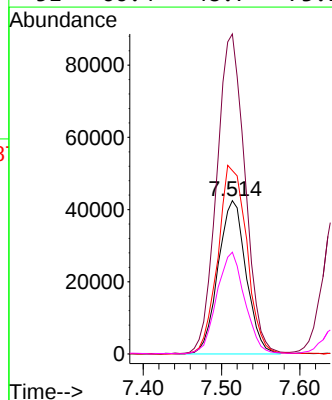
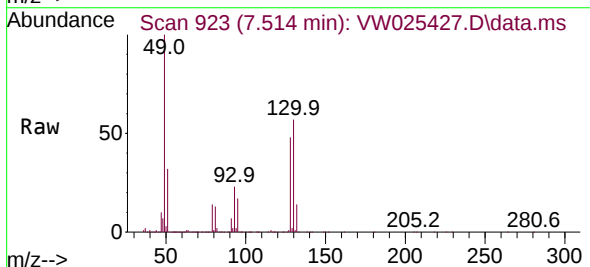
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

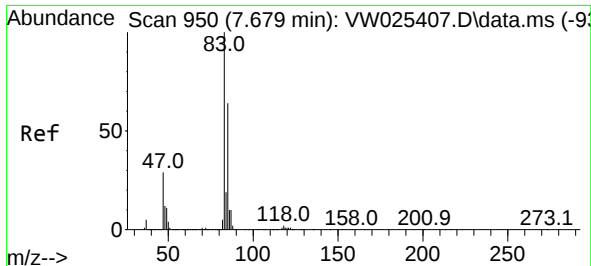
Tgt Ion: 43 Resp: 199306
Ion Ratio Lower Upper
43 100
72 23.2 12.0 36.1



#23
Bromochloromethane
Concen: 26.932 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

Tgt Ion: 128 Resp: 105229
Ion Ratio Lower Upper
128 100
49 208.7 140.6 261.0
130 119.6 80.8 150.0
51 66.4 48.7 73.1





#25

Chloroform

Concen: 26.594 ug/L

RT: 7.672 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

Instrument :

MSVOA_W

ClientSampleId :

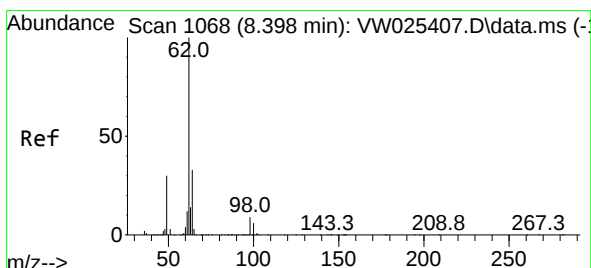
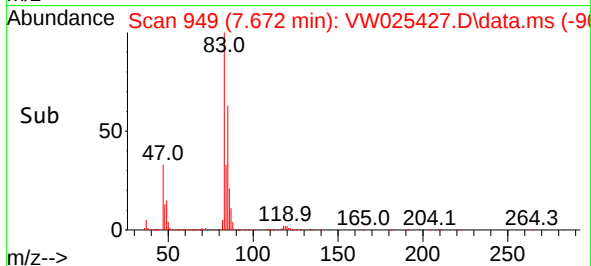
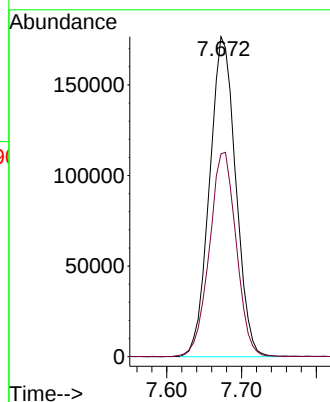
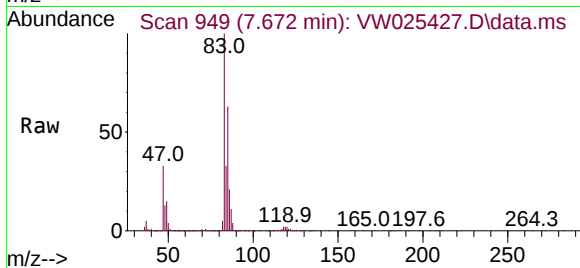
VSTD025551

Tgt Ion: 83 Resp: 429617

Ion Ratio Lower Upper

83 100

85 63.4 44.7 82.9



#27

1,2-Dichloroethane

Concen: 28.438 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW025427.D

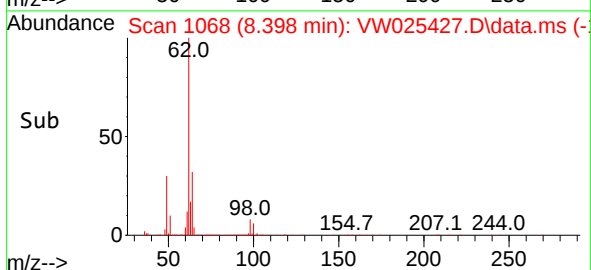
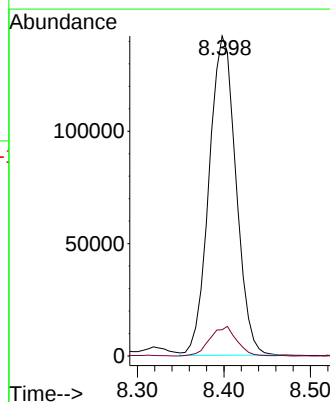
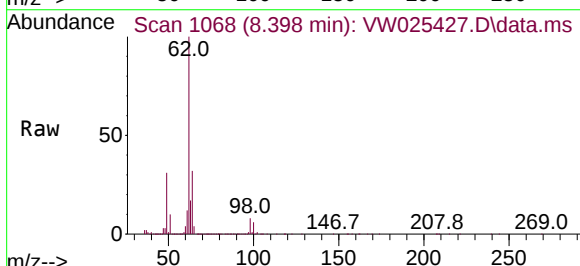
Acq: 17 Mar 2023 20:07

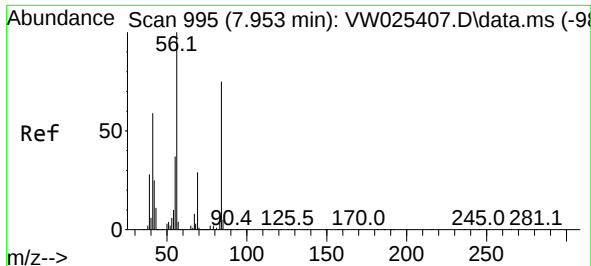
Tgt Ion: 62 Resp: 306591

Ion Ratio Lower Upper

62 100

98 8.2 7.2 10.8

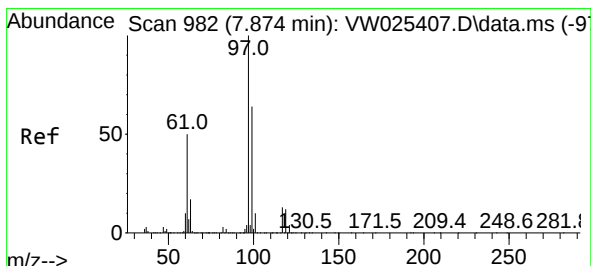
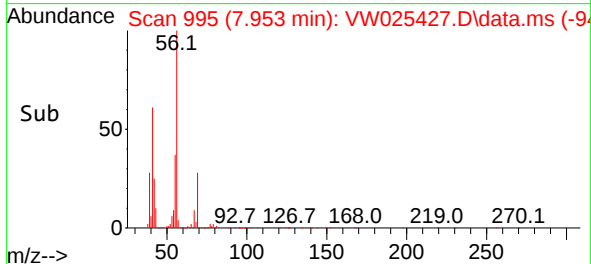
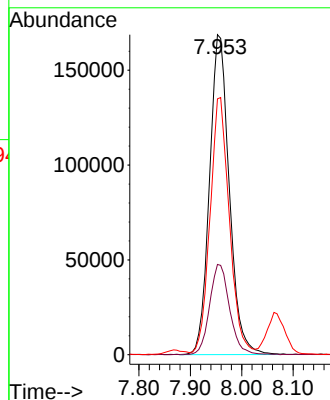
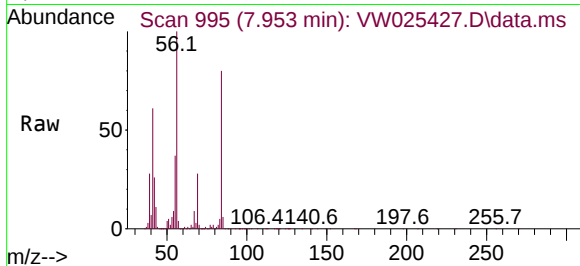




#29
Cyclohexane
Concen: 28.117 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

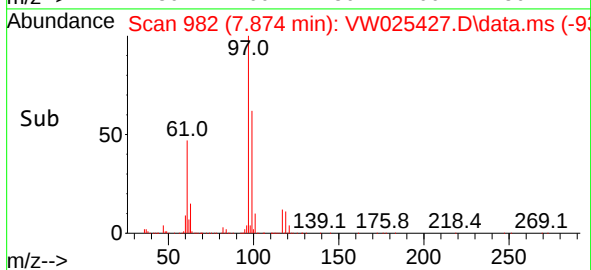
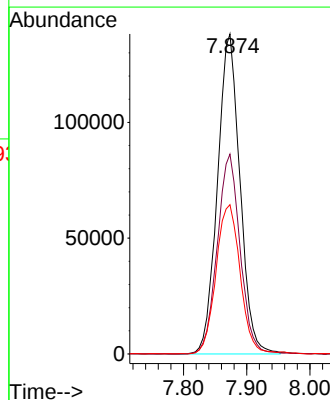
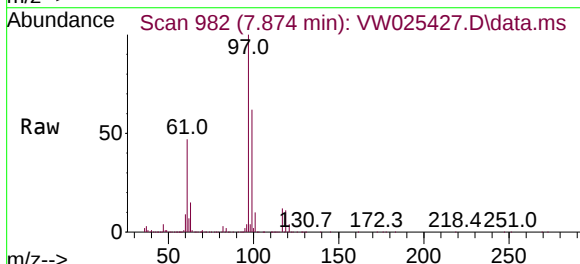
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

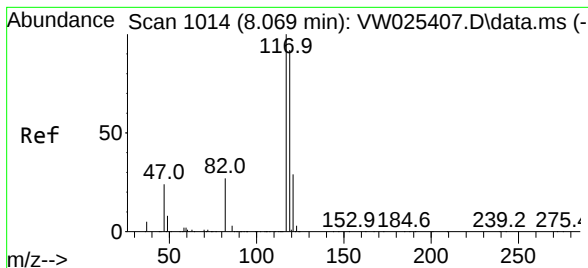
Tgt Ion: 56 Resp: 450920
Ion Ratio Lower Upper
56 100
69 28.4 23.1 34.7
84 78.7 63.9 95.9



#30
1,1,1-Trichloroethane
Concen: 25.256 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

Tgt Ion: 97 Resp: 341100
Ion Ratio Lower Upper
97 100
99 63.3 50.9 76.3
61 50.1 39.8 59.6





#31

Carbon tetrachloride

Concen: 25.190 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

Instrument :

MSVOA_W

ClientSampleId :

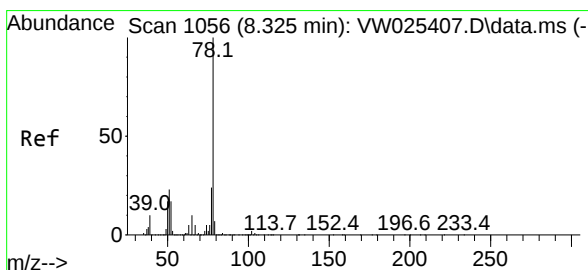
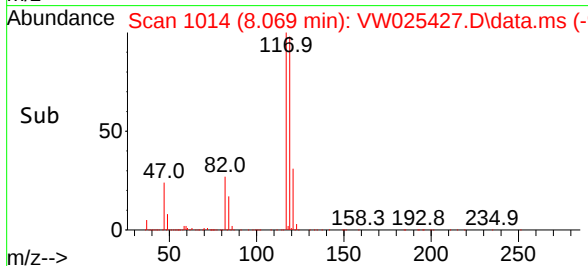
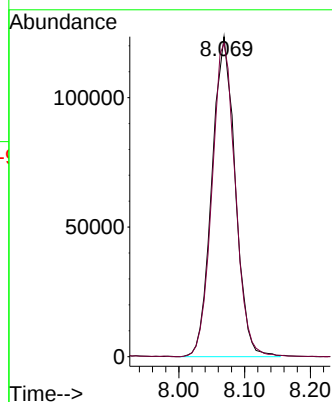
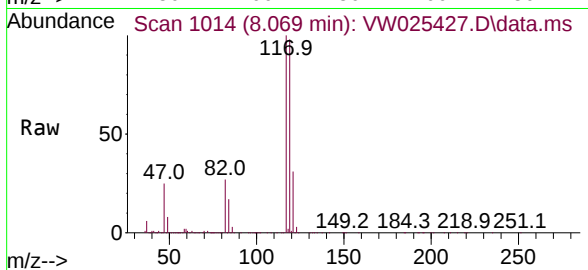
VSTD025551

Tgt Ion:117 Resp: 304956

Ion Ratio Lower Upper

117 100

119 98.4 75.8 113.6



#33

Benzene

Concen: 26.667 ug/L

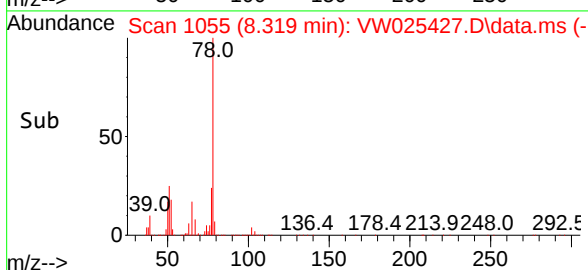
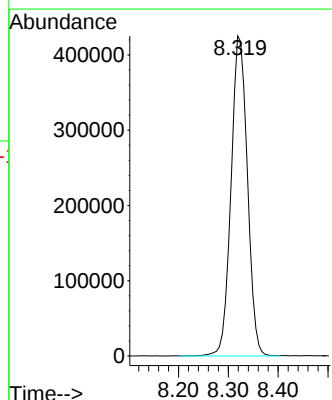
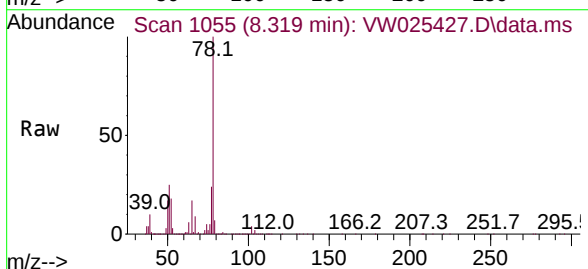
RT: 8.319 min Scan# 1055

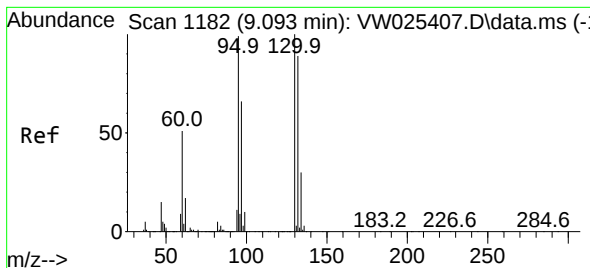
Delta R.T. -0.006 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

Tgt Ion: 78 Resp: 968646





#34

Trichloroethene

Concen: 25.593 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025551

Tgt Ion: 95 Resp: 243995

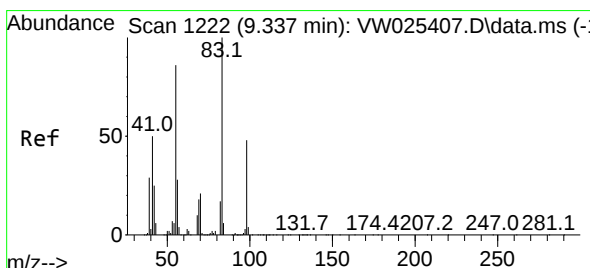
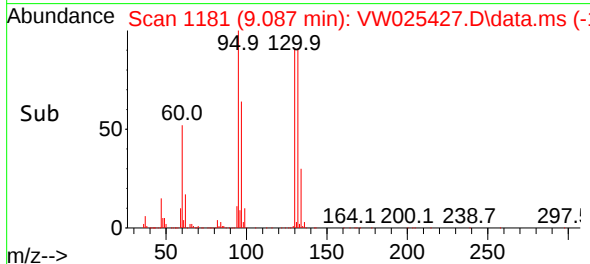
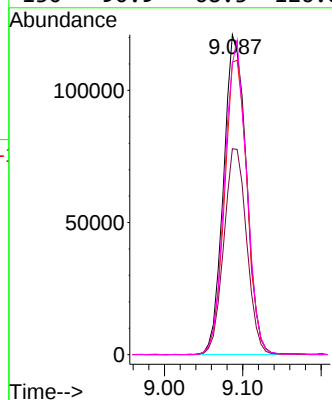
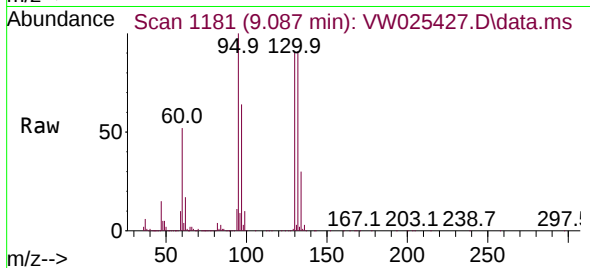
Ion Ratio Lower Upper

95 100

97 64.3 43.8 81.4

132 91.4 65.9 122.3

130 90.9 68.3 126.8



#35

Methylcyclohexane

Concen: 27.894 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

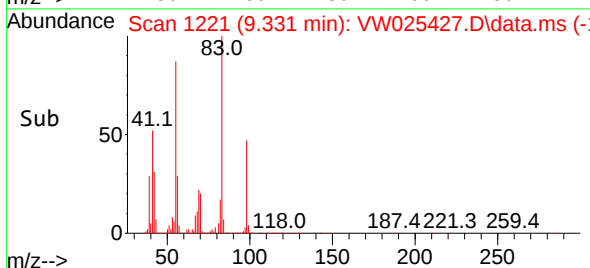
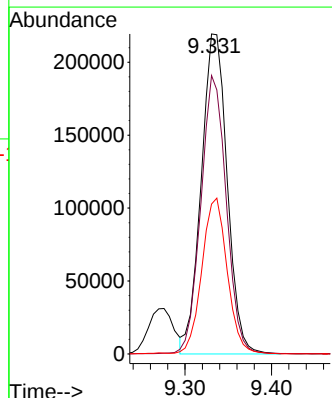
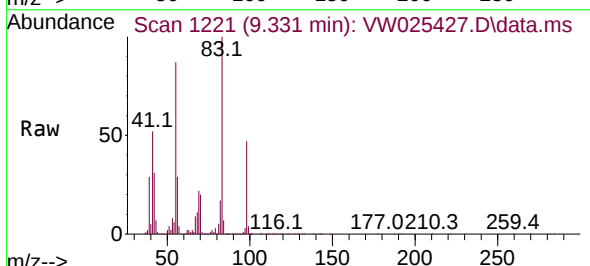
Tgt Ion: 83 Resp: 458102

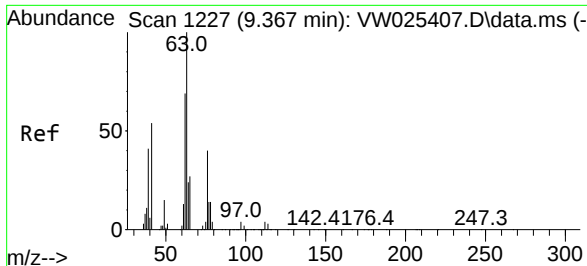
Ion Ratio Lower Upper

83 100

55 85.0 68.2 102.4

98 47.4 39.0 58.4





#37

1,2-Dichloropropane

Concen: 26.440 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

Instrument :

MSVOA_W

ClientSampleId :

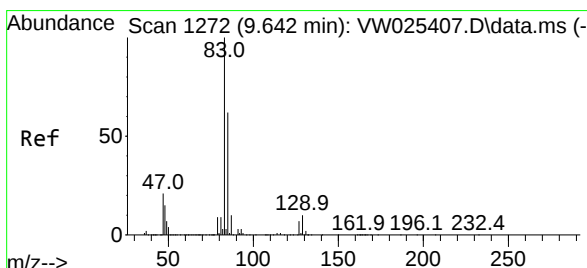
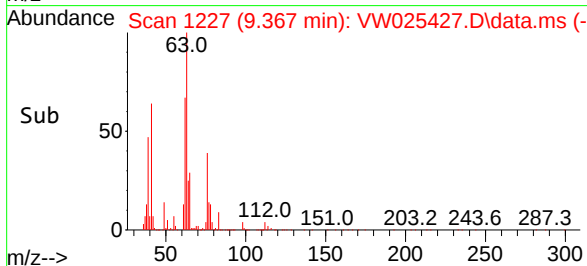
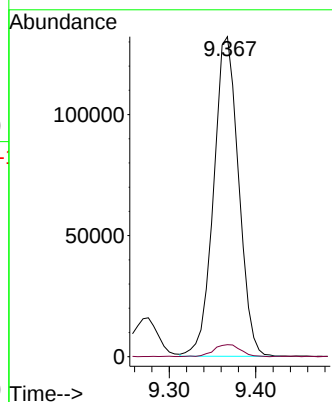
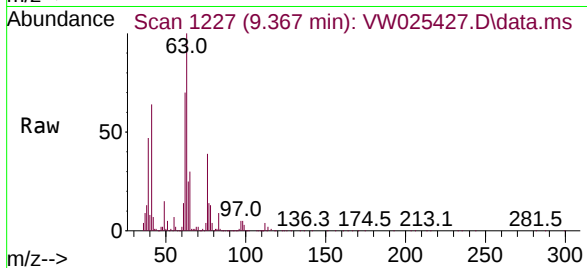
VSTD025551

Tgt Ion: 63 Resp: 264370

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 26.212 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

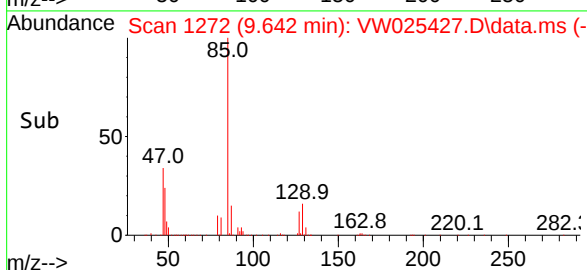
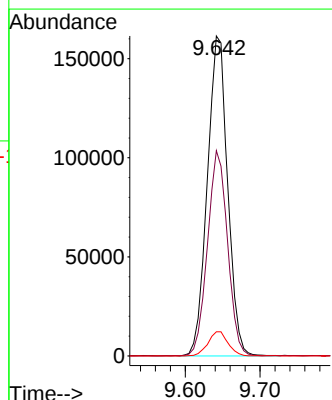
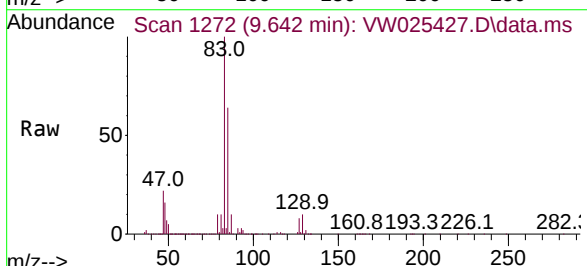
Tgt Ion: 83 Resp: 305652

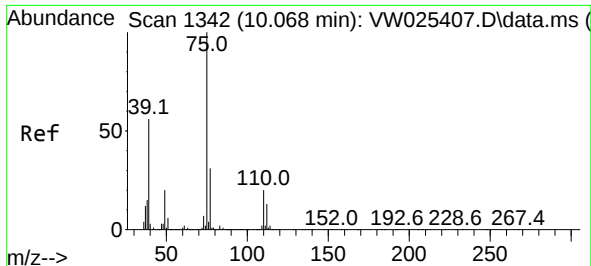
Ion Ratio Lower Upper

83 100

85 64.1 44.7 83.1

127 7.6 6.1 9.1

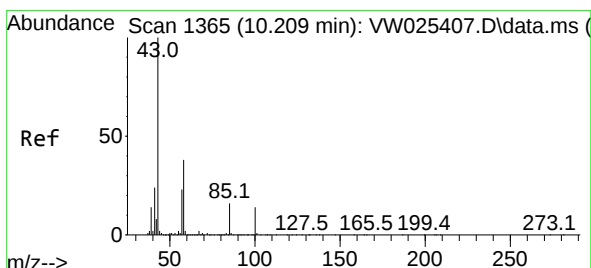
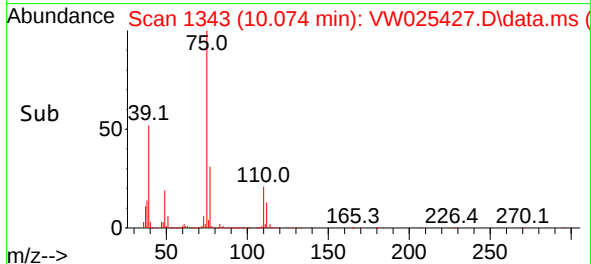
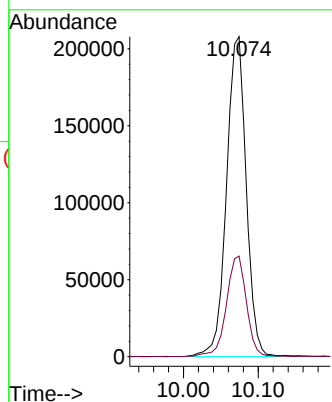
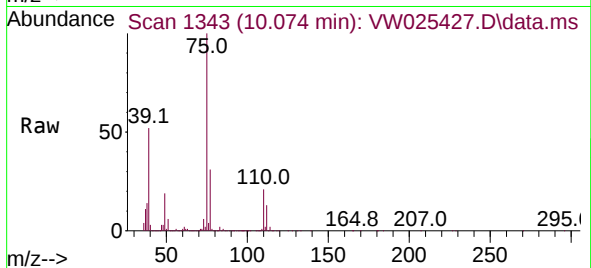




#39
 cis-1,3-Dichloropropene
 Concen: 26.446 ug/L
 RT: 10.074 min Scan# 1343
 Delta R.T. 0.006 min
 Lab File: VW025427.D
 Acq: 17 Mar 2023 20:07

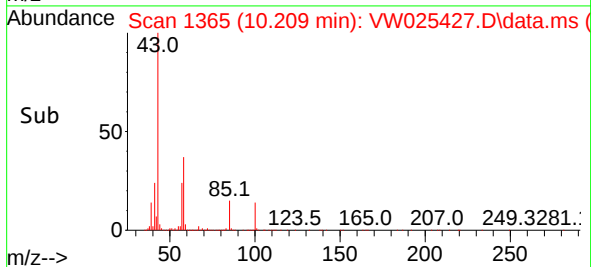
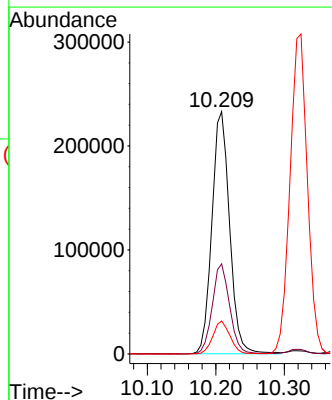
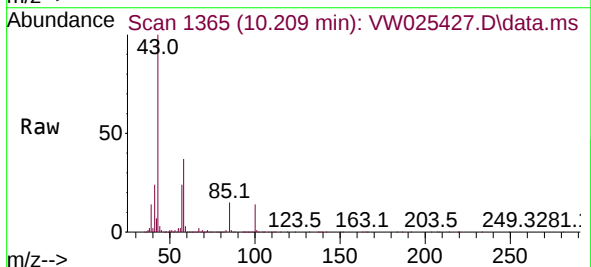
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025551

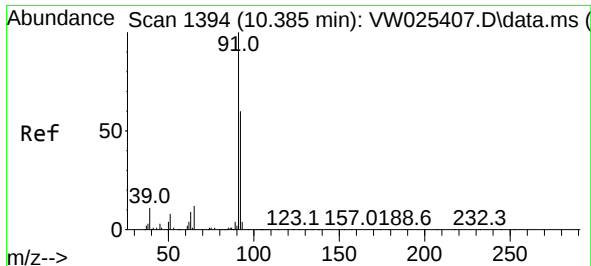
Tgt Ion: 75 Resp: 380933
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 69.433 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW025427.D
 Acq: 17 Mar 2023 20:07

Tgt Ion: 43 Resp: 417261
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.6 44.4
 100 13.3 10.6 16.0

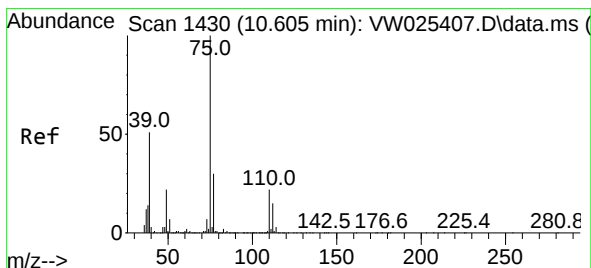
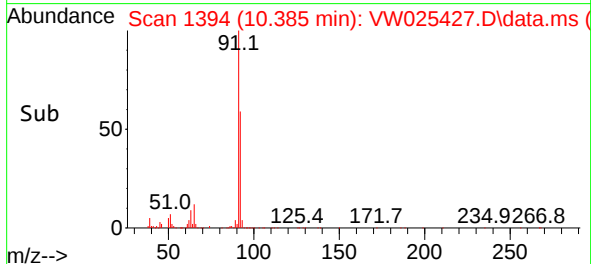
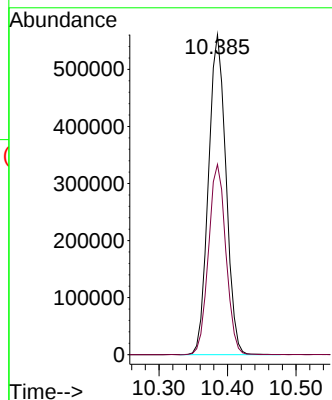
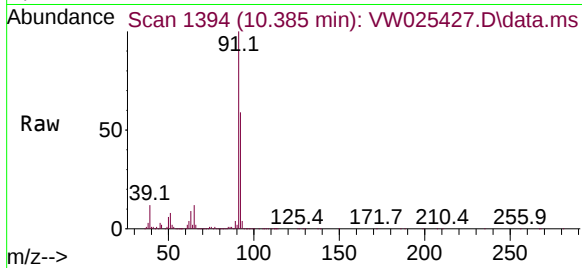




#42
Toluene
Concen: 26.577 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

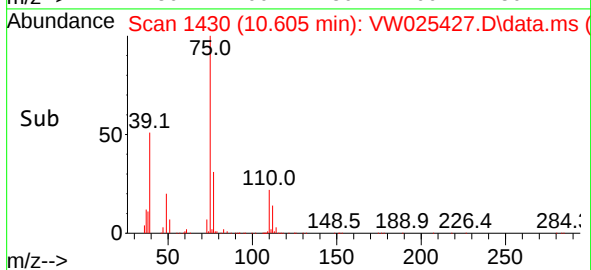
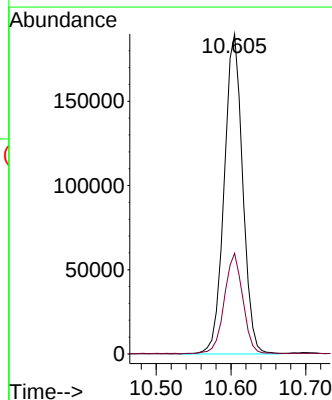
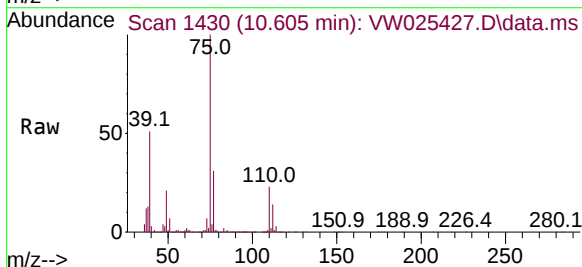
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

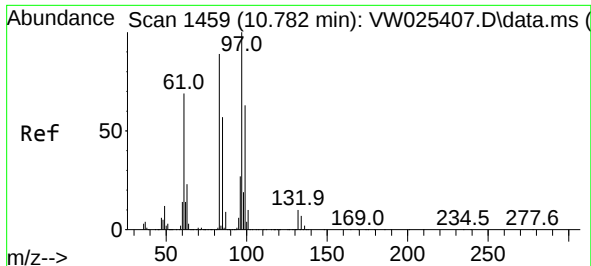
Tgt Ion: 91 Resp: 996768
Ion Ratio Lower Upper
91 100
92 59.4 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 27.128 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

Tgt Ion: 75 Resp: 327236
Ion Ratio Lower Upper
75 100
77 31.5 22.3 41.3

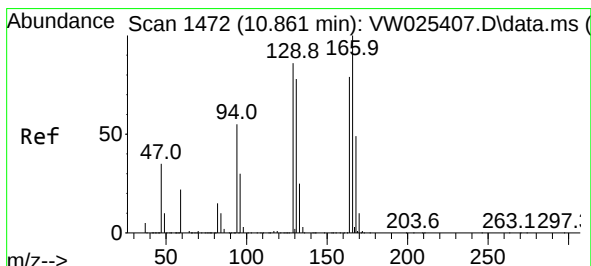
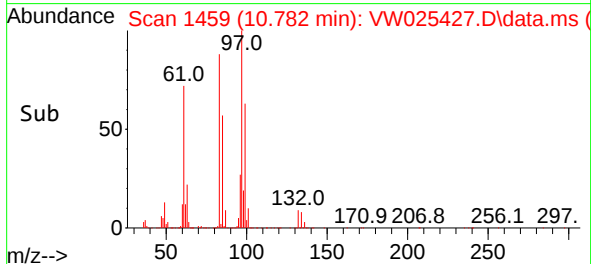
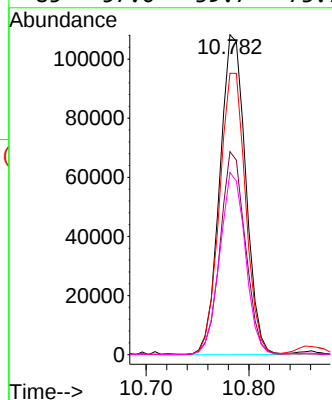
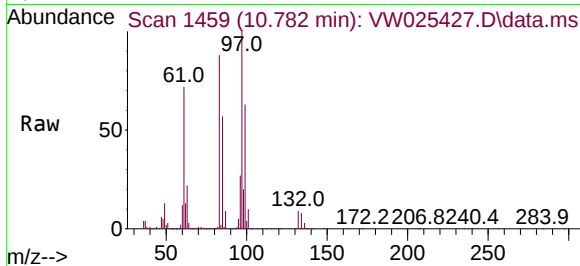




#45
1,1,2-Trichloroethane
Concen: 28.221 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

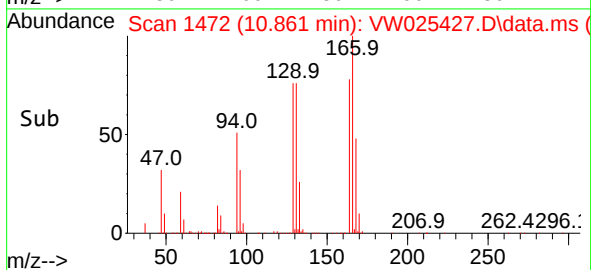
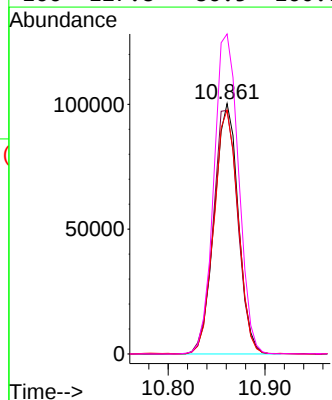
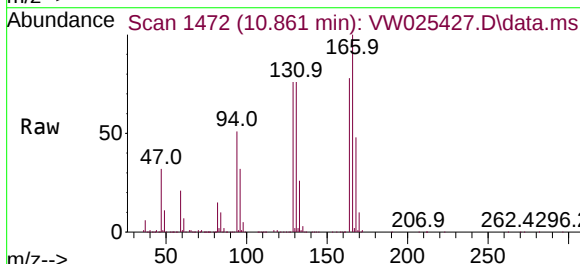
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

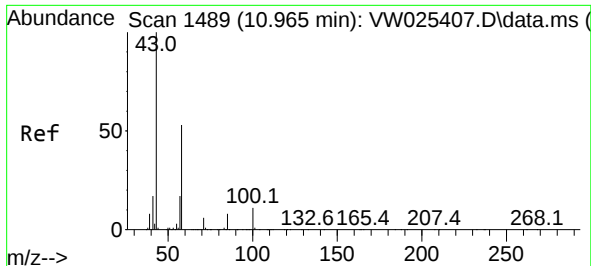
Tgt Ion:	97	Resp:	189497
Ion	Ratio	Lower	Upper
97	100		
99	63.4	42.6	79.0
83	87.9	60.5	112.3
85	57.0	39.7	73.7



#46
Tetrachloroethene
Concen: 25.420 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

Tgt Ion:	164	Resp:	172441
Ion	Ratio	Lower	Upper
164	100		
129	97.3	67.7	125.7
131	97.4	67.0	124.4
166	127.8	86.5	160.7



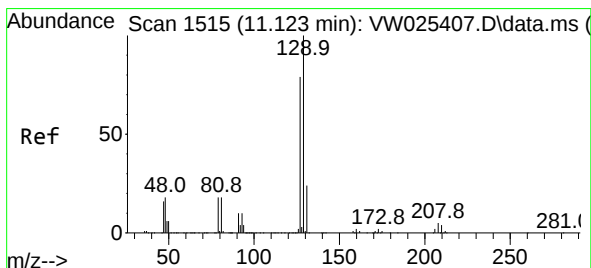
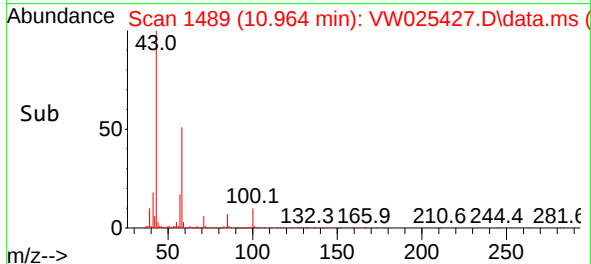
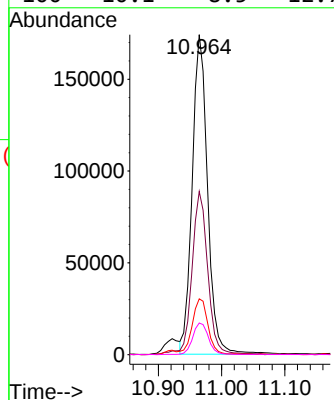
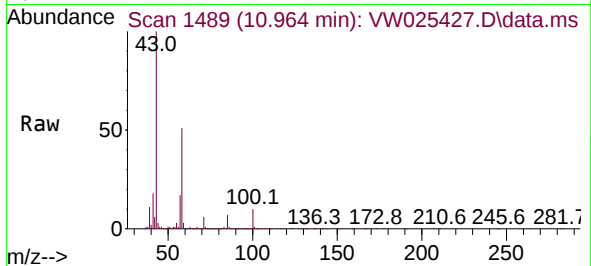


#48
2-Hexanone
Concen: 68.231 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

Tgt Ion: 43 Resp: 295004

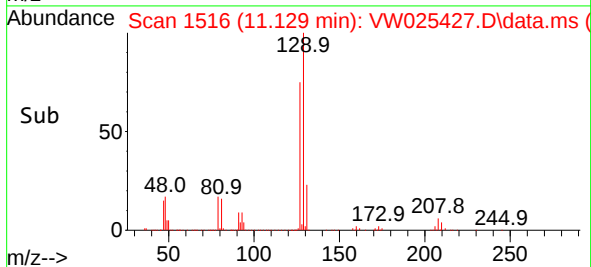
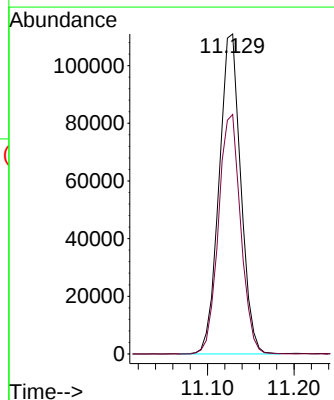
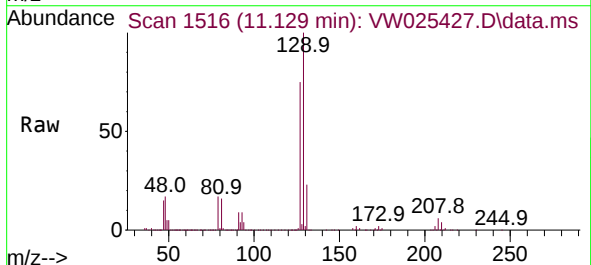
Ion	Ratio	Lower	Upper
43	100		
58	50.4	41.2	61.8
57	17.8	14.2	21.4
100	10.1	8.5	12.7

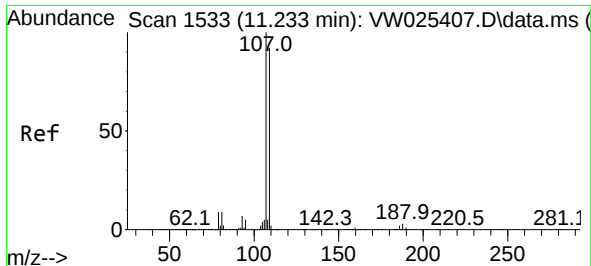


#49
Dibromochloromethane
Concen: 26.967 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

Tgt Ion: 129 Resp: 193474

Ion	Ratio	Lower	Upper
129	100		
127	74.8	52.8	98.2





#50

1,2-Dibromoethane

Concen: 28.883 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025551

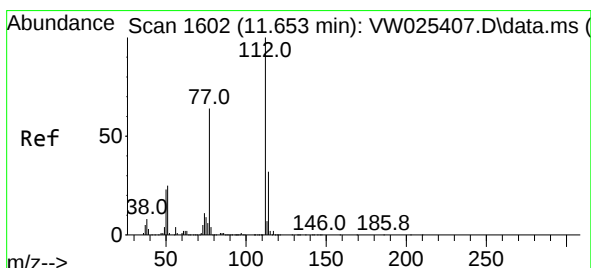
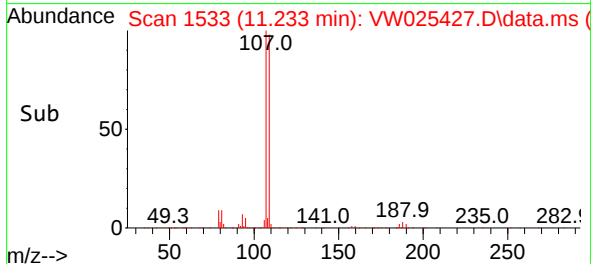
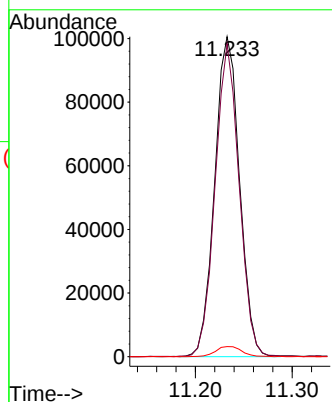
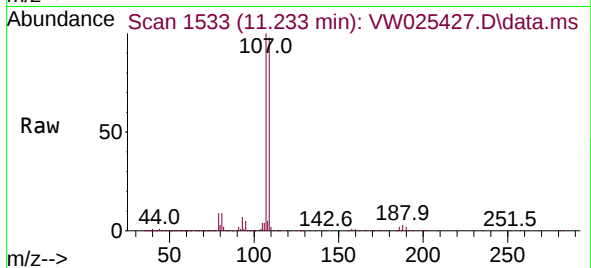
Tgt Ion:107 Resp: 179518

Ion Ratio Lower Upper

107 100

109 97.7 62.9 116.9

188 3.2 3.0 4.4



#51

Chlorobenzene

Concen: 25.723 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

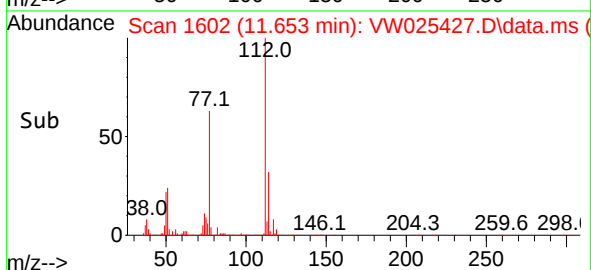
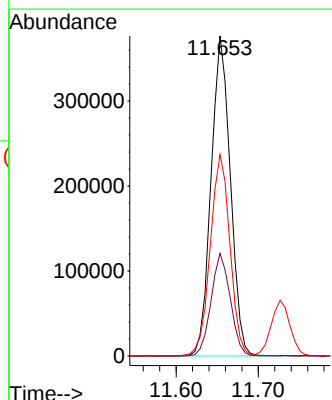
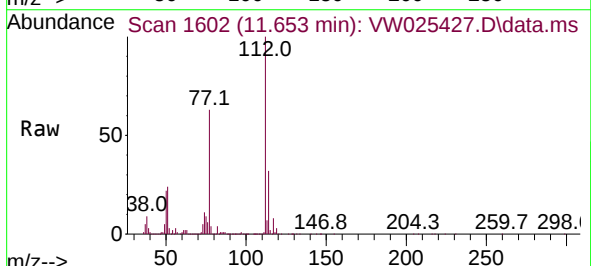
Tgt Ion:112 Resp: 612270

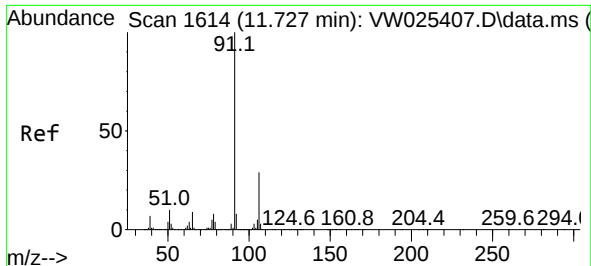
Ion Ratio Lower Upper

112 100

114 32.0 21.9 40.7

77 62.9 51.8 77.8

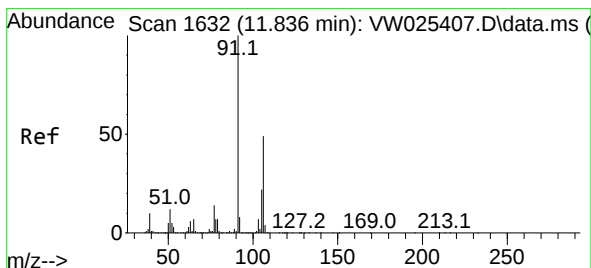
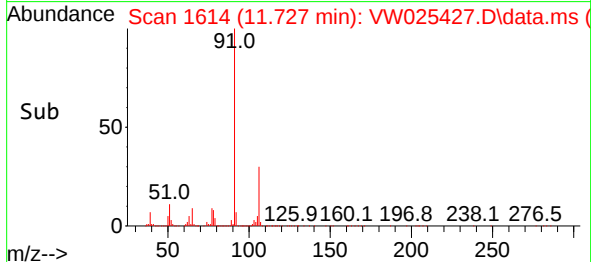
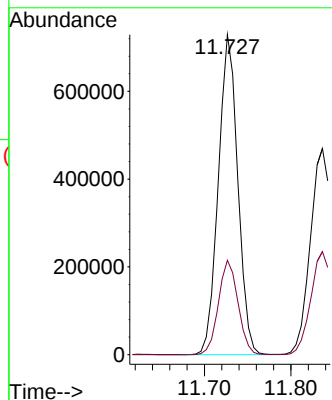
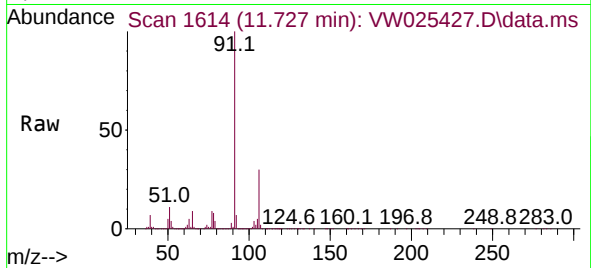




#52
Ethylbenzene
Concen: 26.627 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

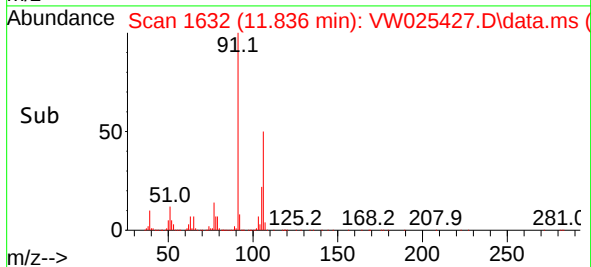
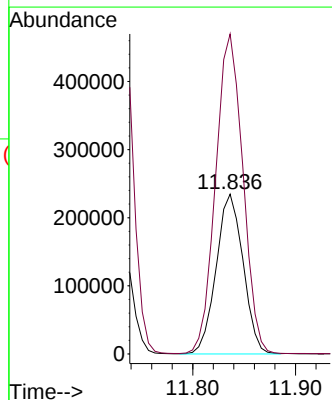
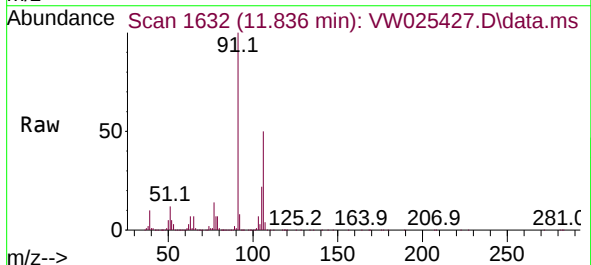
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

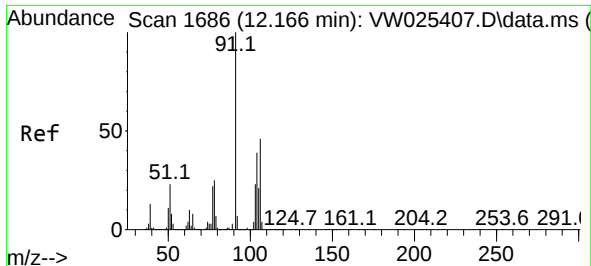
Tgt Ion: 91 Resp: 1138943
Ion Ratio Lower Upper
91 100
106 29.5 22.0 41.0



#53
m,p-Xylene
Concen: 27.044 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

Tgt Ion: 106 Resp: 426660
Ion Ratio Lower Upper
106 100
91 200.2 144.2 267.8

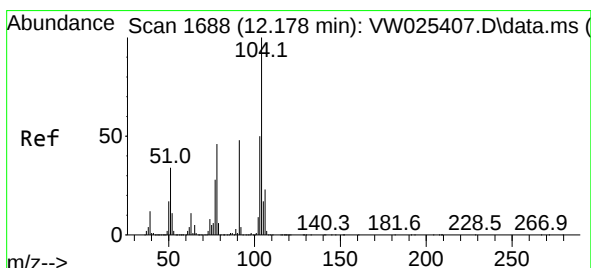
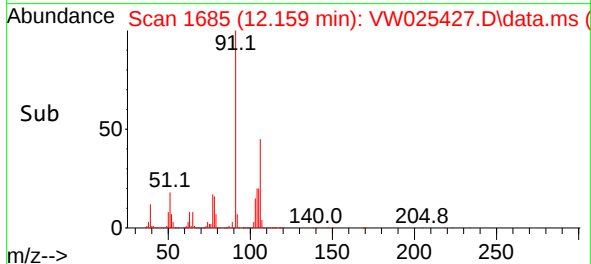
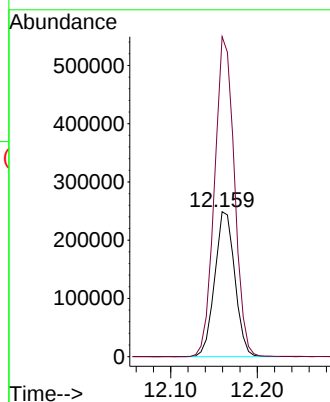
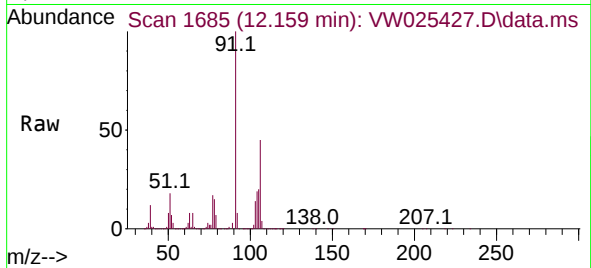




#54
o-Xylene
Concen: 27.034 ug/L
RT: 12.159 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

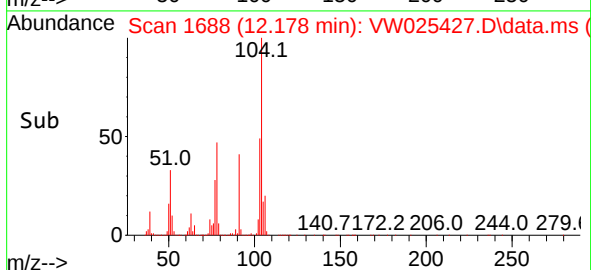
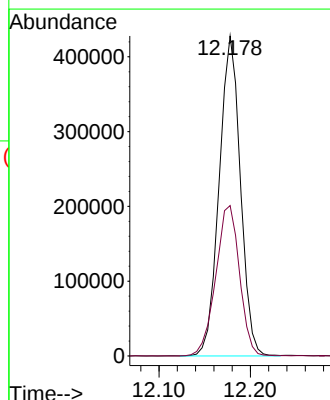
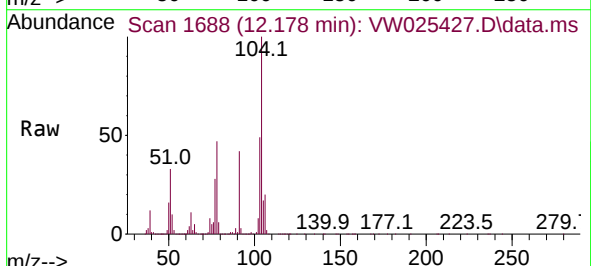
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

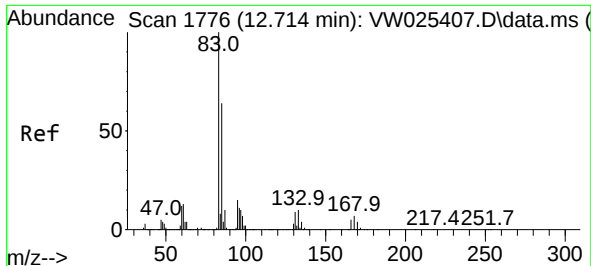
Tgt Ion:106 Resp: 401334
Ion Ratio Lower Upper
106 100
91 220.8 154.6 287.2



#55
Styrene
Concen: 27.243 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

Tgt Ion:104 Resp: 690646
Ion Ratio Lower Upper
104 100
78 47.0 31.1 57.9





#57

1,1,2-Tetrachloroethane

Concen: 29.992 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025551

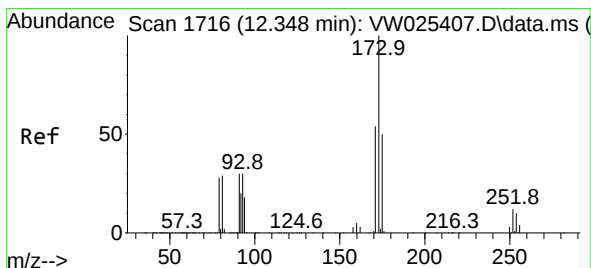
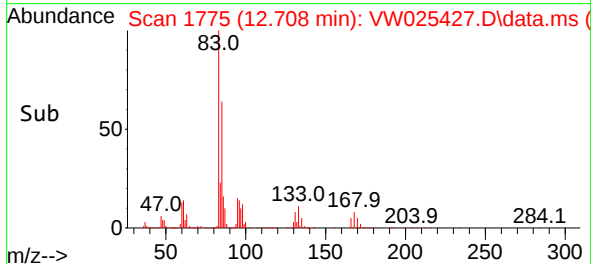
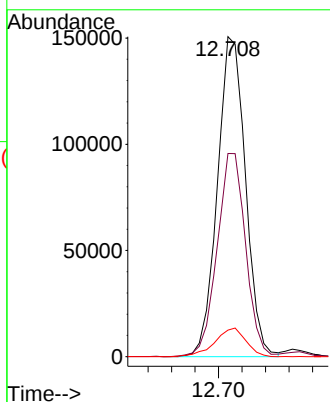
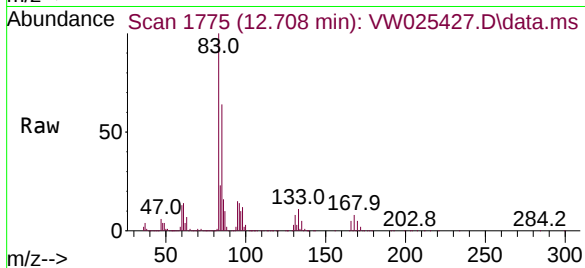
Tgt Ion: 83 Resp: 250507

Ion Ratio Lower Upper

83 100

85 63.5 45.4 84.2

131 8.3 8.0 12.0



#59

Bromoform

Concen: 27.983 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

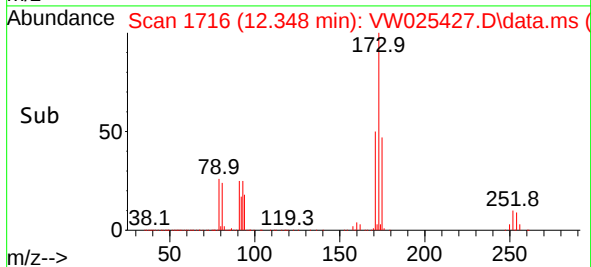
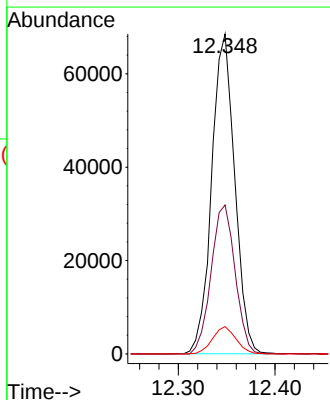
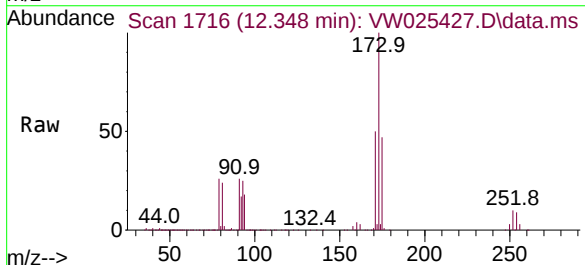
Tgt Ion: 173 Resp: 113371

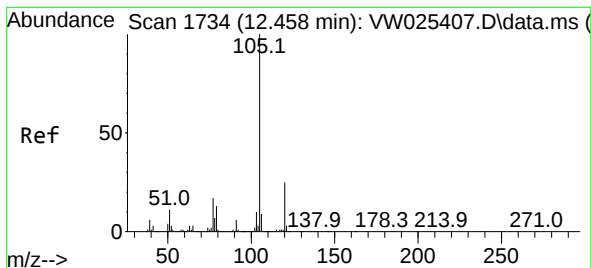
Ion Ratio Lower Upper

173 100

175 48.4 38.6 57.8

254 8.7 7.9 11.9





#60

Isopropylbenzene

Concen: 26.428 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025551

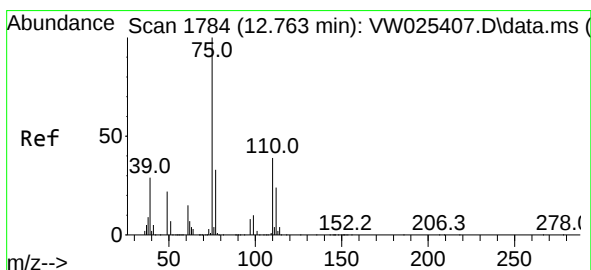
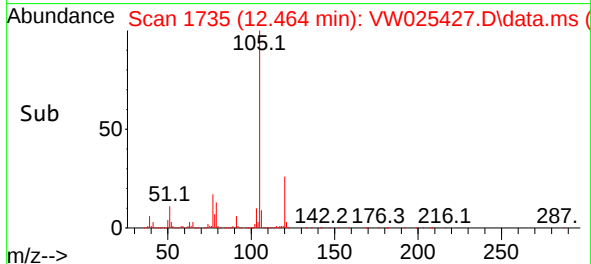
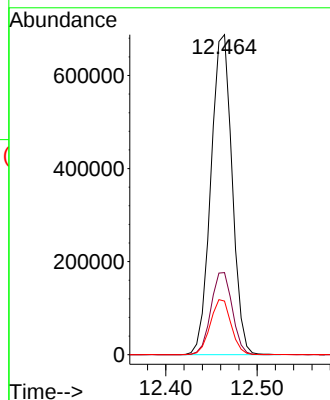
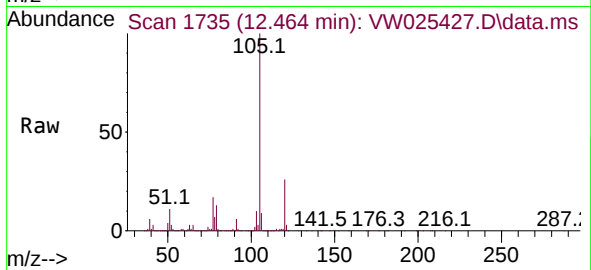
Tgt Ion:105 Resp: 1106293

Ion Ratio Lower Upper

105 100

120 25.9 20.9 31.3

77 16.9 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 30.451 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

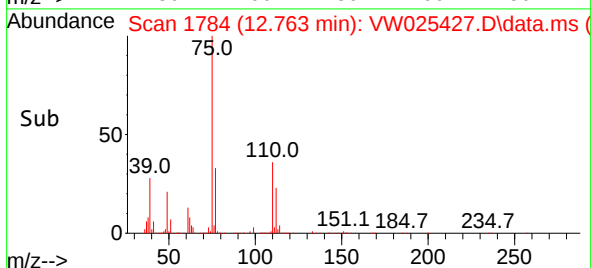
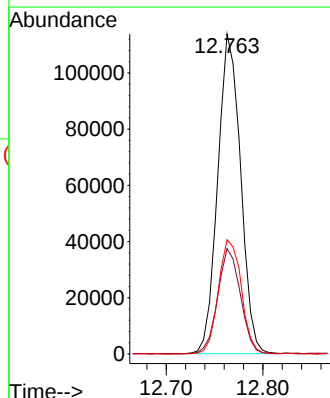
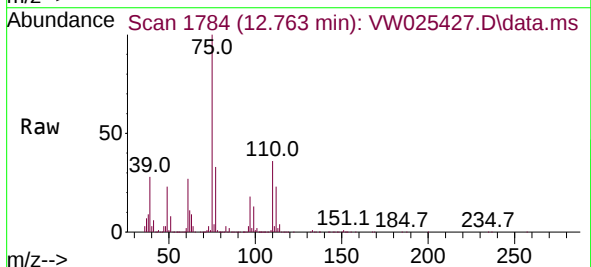
Tgt Ion: 75 Resp: 186303

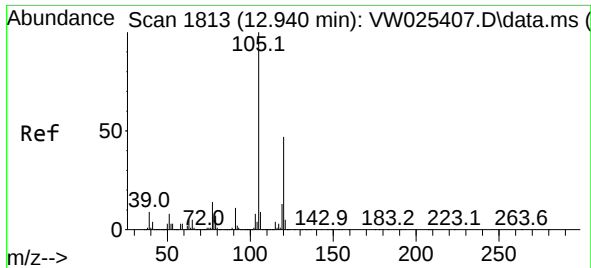
Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.2

110 36.1 28.9 43.3

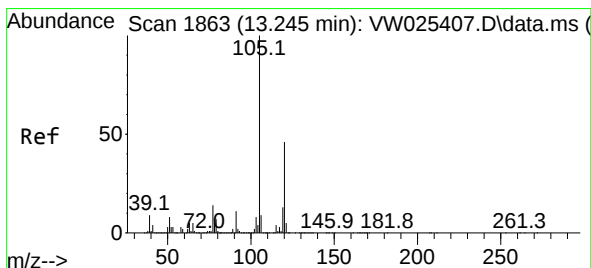
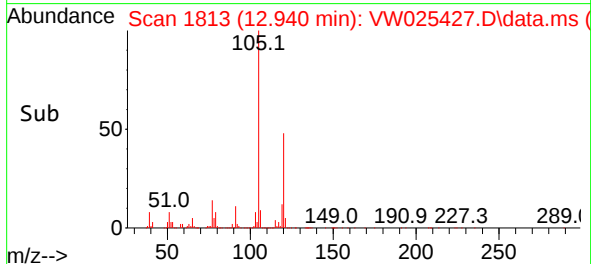
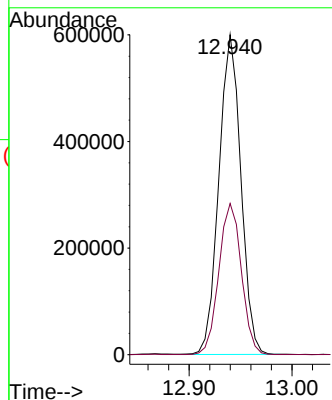
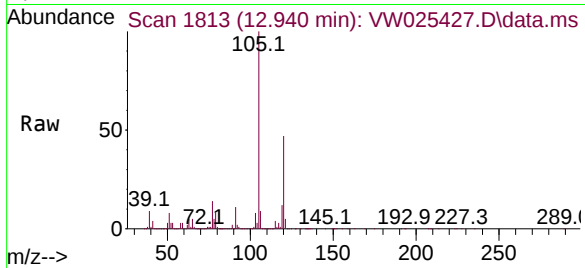




#62
1,3,5-Trimethylbenzene
Concen: 26.890 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

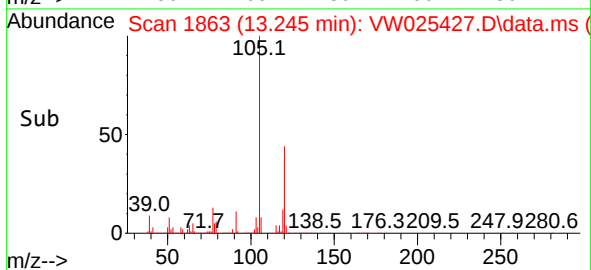
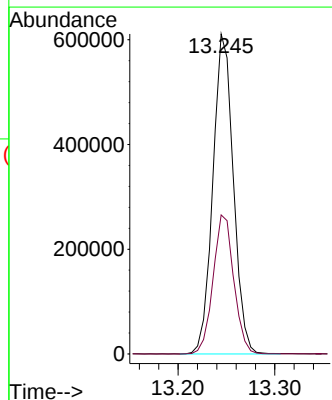
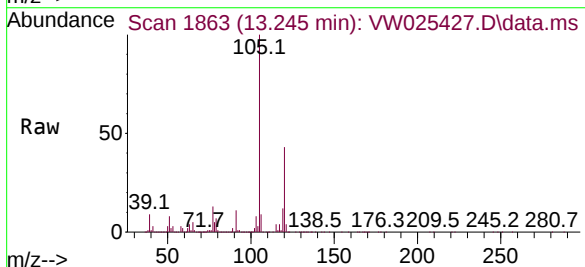
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

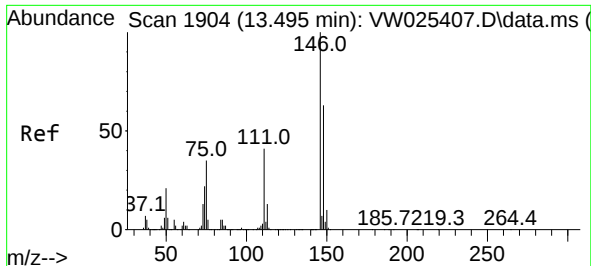
Tgt Ion:105 Resp: 891508
Ion Ratio Lower Upper
105 100
120 48.5 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 27.478 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025427.D
Acq: 17 Mar 2023 20:07

Tgt Ion:105 Resp: 897444
Ion Ratio Lower Upper
105 100
120 43.9 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 25.215 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025551

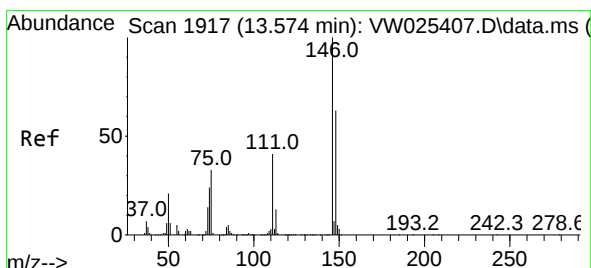
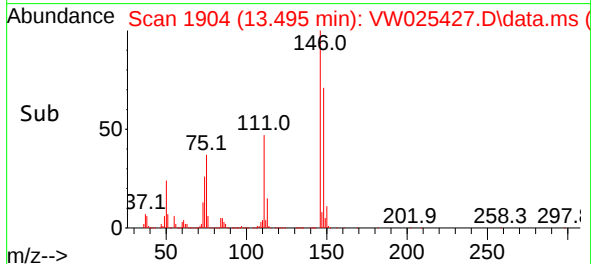
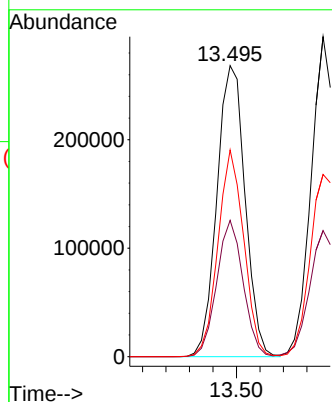
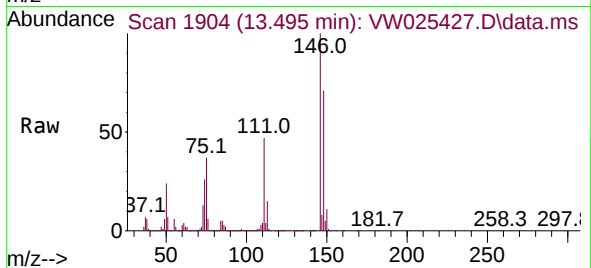
Tgt Ion:146 Resp: 447269

Ion Ratio Lower Upper

146 100

111 46.8 29.7 55.1

148 71.0 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 25.245 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

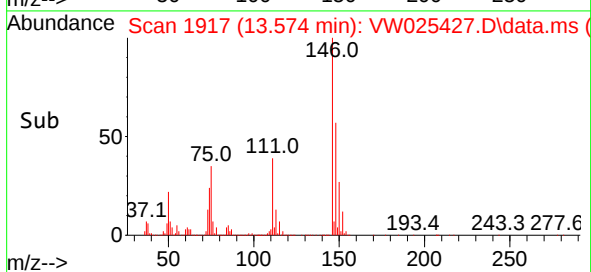
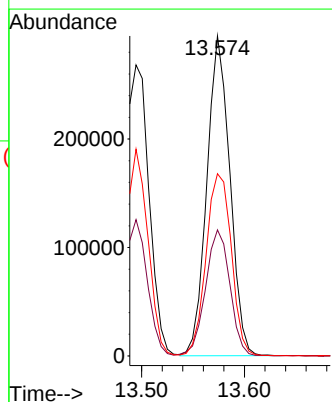
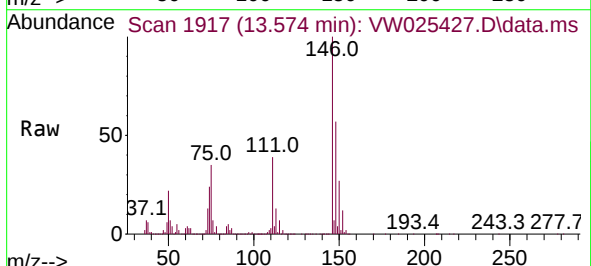
Tgt Ion:146 Resp: 459331

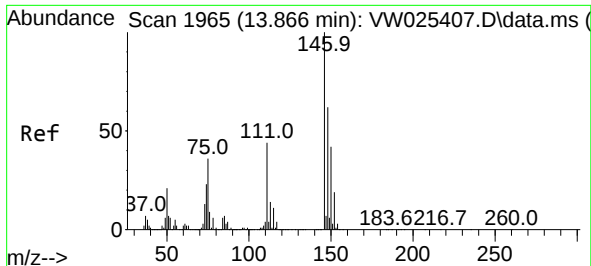
Ion Ratio Lower Upper

146 100

111 39.4 28.2 52.4

148 56.9 39.8 73.8





#67

1,2-Dichlorobenzene

Concen: 26.370 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025551

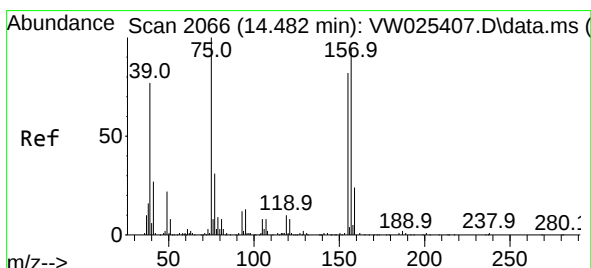
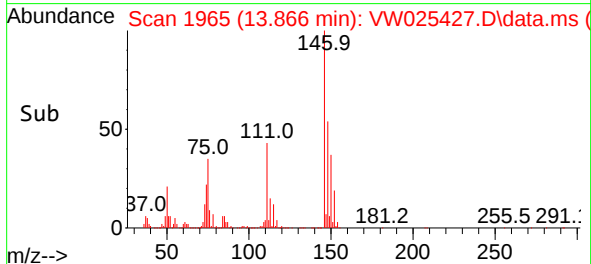
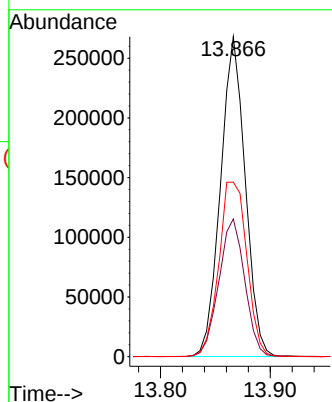
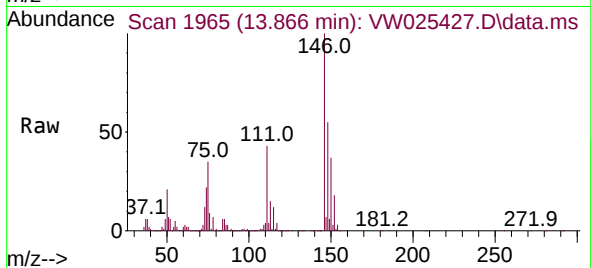
Tgt Ion:146 Resp: 419519

Ion Ratio Lower Upper

146 100

111 43.0 36.6 54.8

148 54.6 53.4 80.2



#68

1,2-Dibromo-3-chloropropane

Concen: 29.578 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

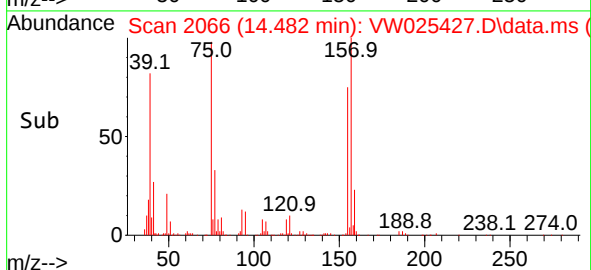
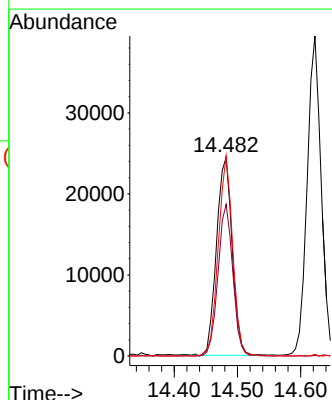
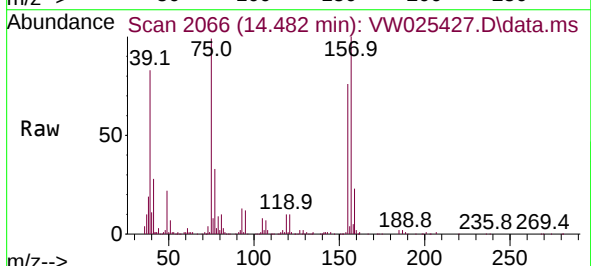
Tgt Ion: 75 Resp: 41894

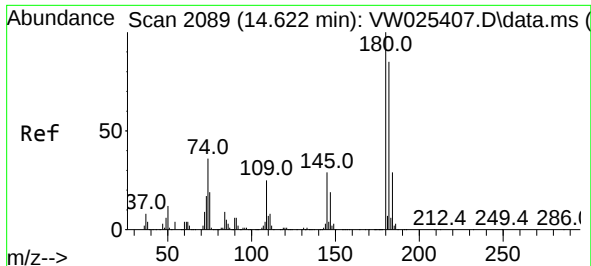
Ion Ratio Lower Upper

75 100

155 76.4 55.4 83.0

157 100.8 75.3 112.9





#69

1,3,5-Trichlorobenzene

Concen: 24.395 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025551

Tgt Ion:180 Resp: 294156

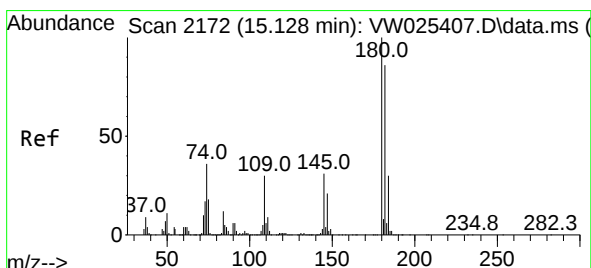
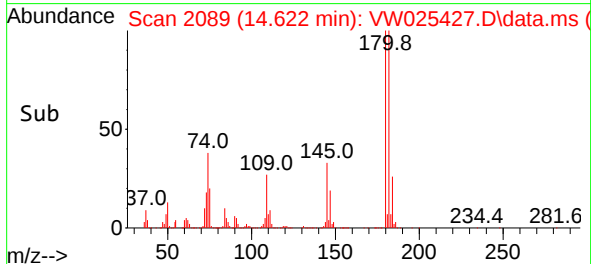
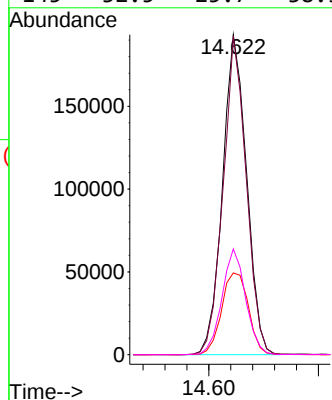
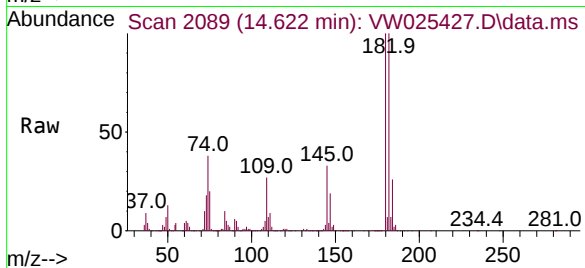
Ion Ratio Lower Upper

180 100

182 95.6 77.1 115.7

184 28.6 24.7 37.1

145 32.5 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 24.906 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

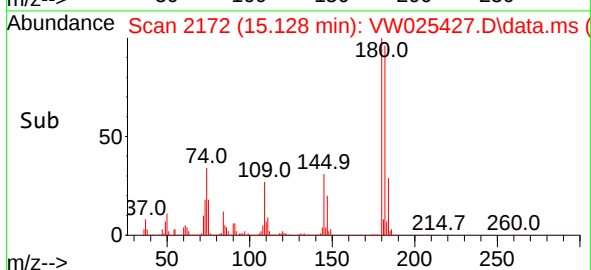
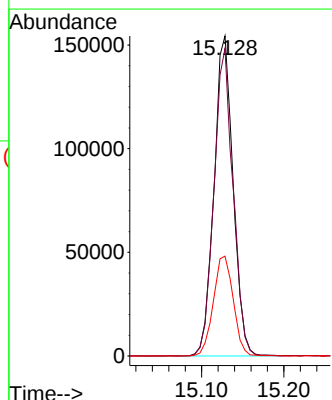
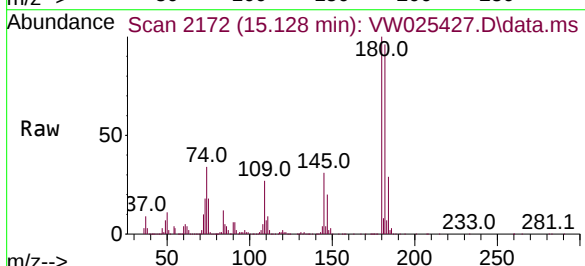
Tgt Ion:180 Resp: 248996

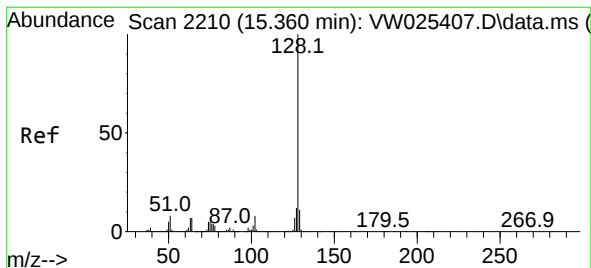
Ion Ratio Lower Upper

180 100

182 96.2 75.5 113.3

145 32.5 25.2 37.8





#71

Naphthalene

Concen: 31.510 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025551

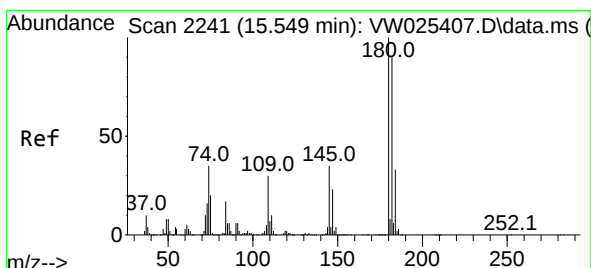
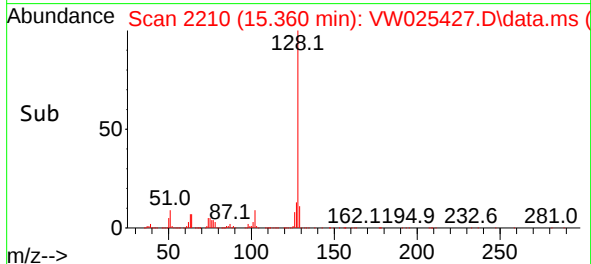
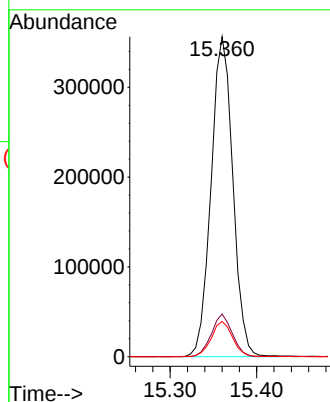
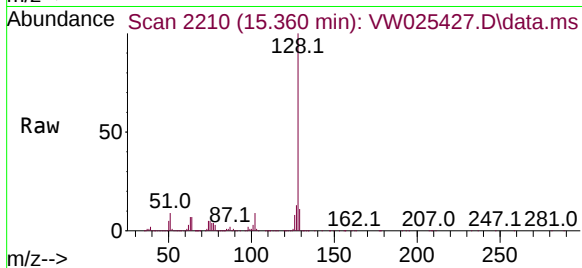
Tgt Ion:128 Resp: 621830

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 24.783 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025427.D

Acq: 17 Mar 2023 20:07

Tgt Ion:180 Resp: 222539

Ion Ratio Lower Upper

180 100

182 99.8 76.6 114.8

145 36.6 27.7 41.5

