

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026509.D
 Acq On : 01 Jul 2023 06:48
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

Quant Time: Jul 03 01:17:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 01 01:41:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	772775	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	711872	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	353240	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	168642	19.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.680%
7) Chloroethane-d5	2.893	69	181195	25.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.160%
11) 1,1-Dichloroethene-d2	4.021	65	82695	18.784	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.120%
21) 2-Butanone-d5	7.075	46	124612	37.474	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.940%
24) Chloroform-d	7.648	84	372505	19.776	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.120%
26) 1,2-Dichloroethane-d4	8.307	65	215451	20.926	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.720%
32) Benzene-d6	8.276	84	690935	16.689	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.760%
36) 1,2-Dichloropropane-d6	9.276	67	286211	21.690	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.760%
41) Toluene-d8	10.325	98	822541	22.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.960%
43) trans-1,3-Dichloroprop...	10.575	79	107068	20.130	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.520%
47) 2-Hexanone-d5	10.922	63	107663	48.789	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	252413	24.774	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.080%
66) 1,2-Dichlorobenzene-d4	13.854	152	277114	22.530	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	177791	23.577	ug/L	99
3) Chloromethane	2.222	50	231081	21.739	ug/L	96
5) Vinyl chloride	2.375	62	238682	21.787	ug/L	99
6) Bromomethane	2.789	94	180982	29.049	ug/L	99
8) Chloroethane	2.930	64	194829	29.323	ug/L	99
9) Trichlorofluoromethane	3.265	101	161902	20.324	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	190632	21.560	ug/L #	72
12) 1,1-Dichloroethene	4.039	96	179561	20.749	ug/L	95
13) Acetone	4.118	43	88264	37.575	ug/L	94
14) Carbon disulfide	4.393	76	570848	20.383	ug/L	99
15) Methyl Acetate	4.667	43	125186	24.544	ug/L	100
16) Methylene chloride	4.917	84	215686	16.518	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	203338	21.843	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	380519	25.012	ug/L	95
19) 1,1-Dichloroethane	6.216	63	423913	22.631	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	223417	21.189	ug/L	96
22) 2-Butanone	7.167	43	144146	37.429	ug/L	99
23) Bromochloromethane	7.514	128	93267	21.268	ug/L	93
25) Chloroform	7.679	83	406227	22.344	ug/L	96

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 Response via : Initial Calibration

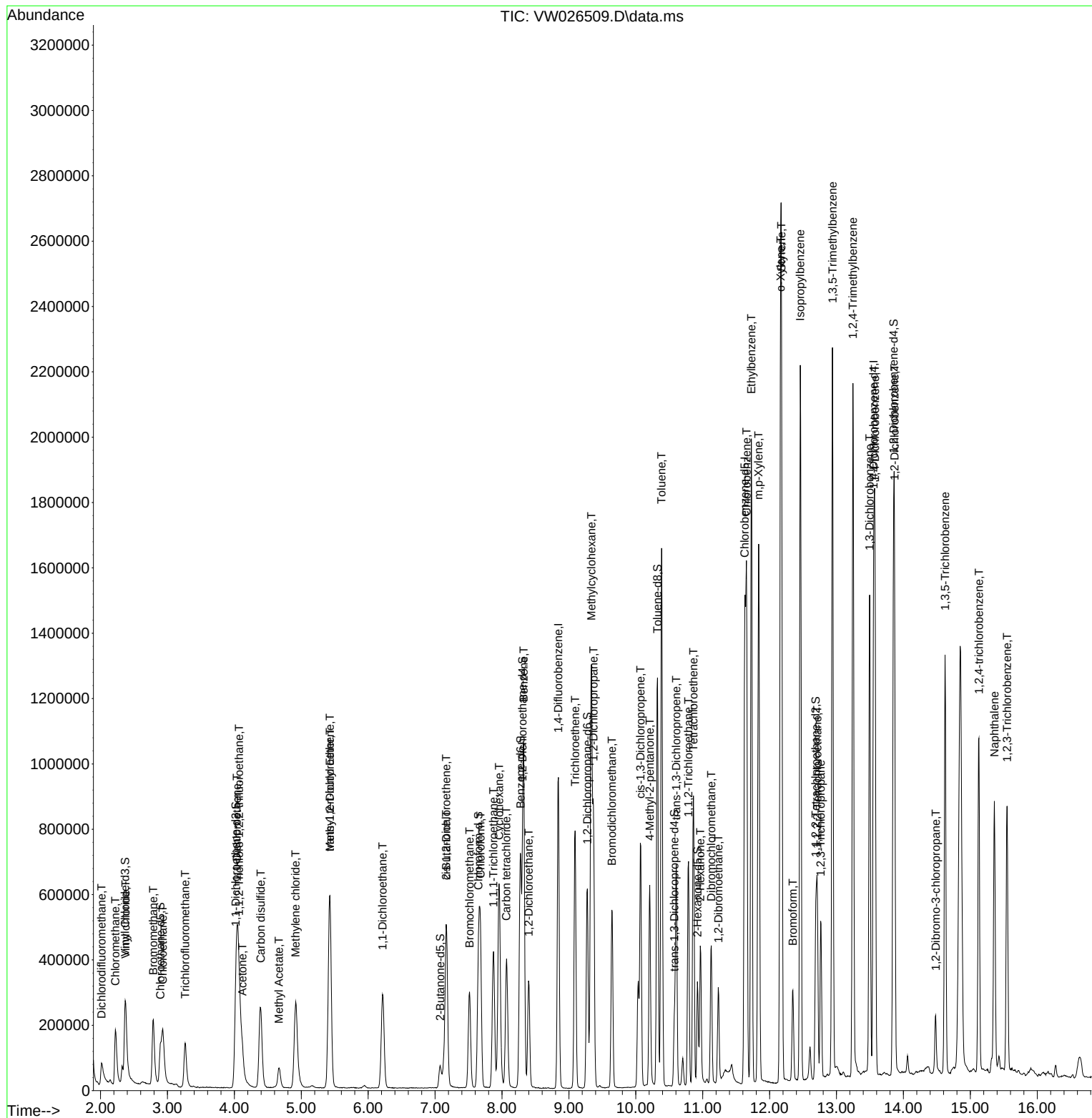
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	304796	24.519	ug/L	98
29) Cyclohexane	7.959	56	372652	18.466	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	331861	21.884	ug/L	98
31) Carbon tetrachloride	8.063	117	290351	21.267	ug/L	100
33) Benzene	8.325	78	875426	19.638	ug/L	100
34) Trichloroethene	9.093	95	278722	24.544	ug/L	97
35) Methylcyclohexane	9.337	83	515196	25.466	ug/L	100
37) 1,2-Dichloropropane	9.367	63	303266	25.626	ug/L	100
38) Bromodichloromethane	9.642	83	375343	28.258	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	428008	24.164	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	433357	53.333	ug/L	100
42) Toluene	10.386	91	1148077	25.172	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	354767	24.507	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	211142	26.191	ug/L	98
46) Tetrachloroethene	10.861	164	186603	23.242	ug/L	87
48) 2-Hexanone	10.965	43	287689	52.749	ug/L	99
49) Dibromochloromethane	11.129	129	215105	26.790	ug/L	100
50) 1,2-Dibromoethane	11.233	107	191646	25.853	ug/L	97
51) Chlorobenzene	11.654	112	754994	26.754	ug/L	98
52) Ethylbenzene	11.727	91	1324732	25.812	ug/L	98
53) m,p-Xylene	11.836	106	490526	25.776	ug/L	100
54) o-Xylene	12.166	106	474139	26.863	ug/L	94
55) Styrene	12.178	104	797076	26.457	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	277875	28.228	ug/L	100
59) Bromoform	12.349	173	130552	27.912	ug/L	100
60) Isopropylbenzene	12.458	105	1398420	27.142	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	207939	26.933	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1154904	28.189	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1151975	28.781	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	564133	26.097	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	558003	25.954	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	521053	26.636	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.482	75	46154	26.087	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	368848	25.065	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	305487	23.985	ug/L	98
71) Naphthalene	15.360	128	674979	25.999	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	247992	22.642	ug/L	97

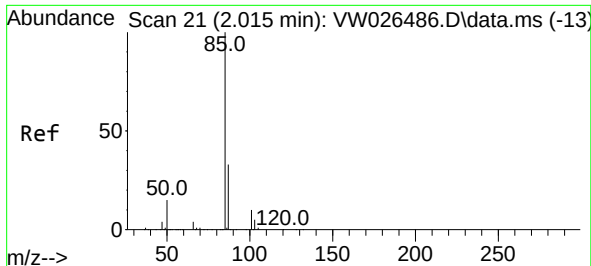
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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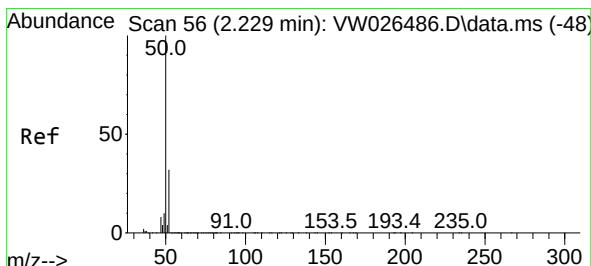
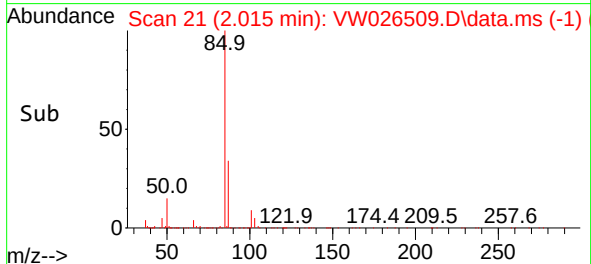
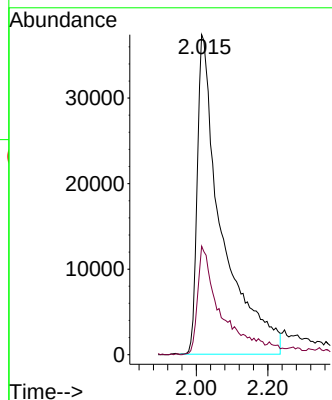
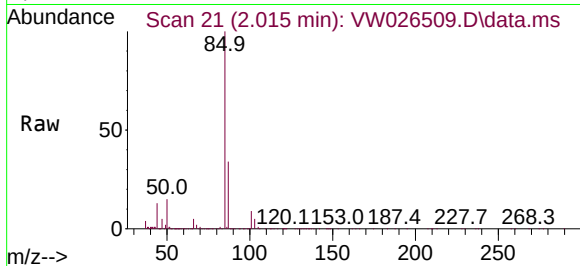




#2
 Dichlorodifluoromethane
 Concen: 23.577 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026509.D
 Acq: 01 Jul 2023 06:48

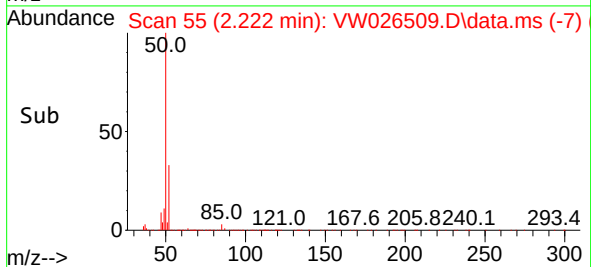
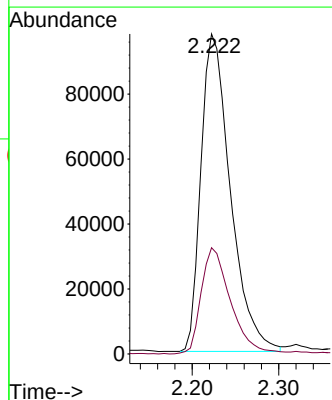
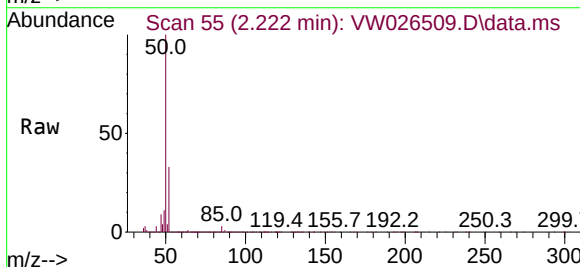
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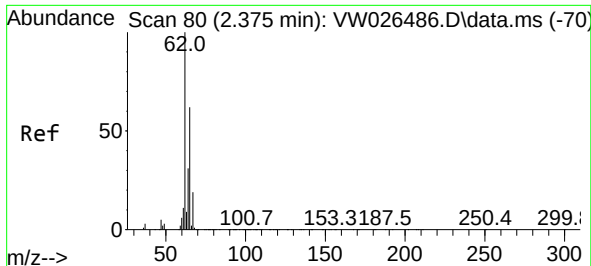
Tgt Ion: 85 Resp: 177791
 Ion Ratio Lower Upper
 85 100
 87 24.1 19.0 28.4



#3
 Chloromethane
 Concen: 21.739 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW026509.D
 Acq: 01 Jul 2023 06:48

Tgt Ion: 50 Resp: 231081
 Ion Ratio Lower Upper
 50 100
 52 33.2 21.7 40.3

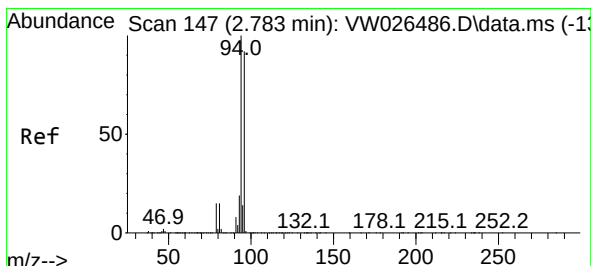
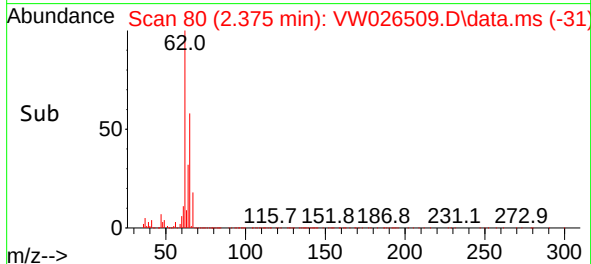
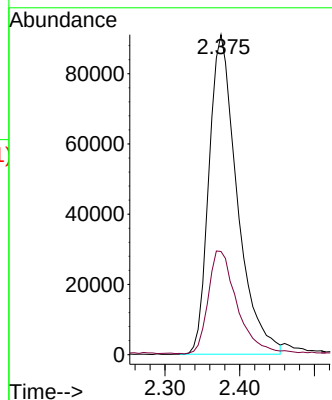
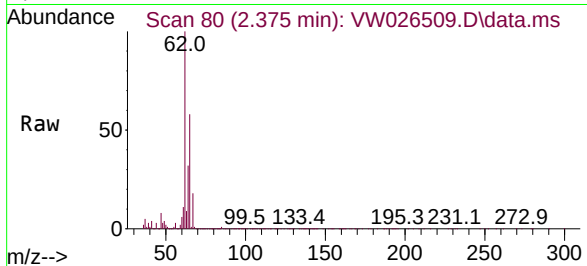




#5
 Vinyl chloride
 Concen: 21.787 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026509.D
 Acq: 01 Jul 2023 06:48

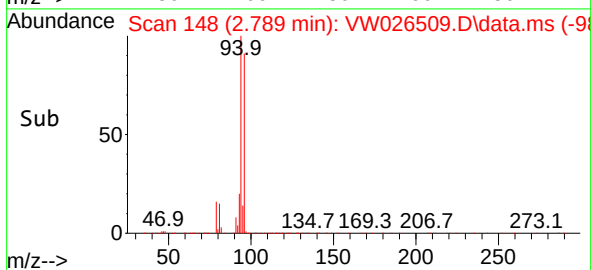
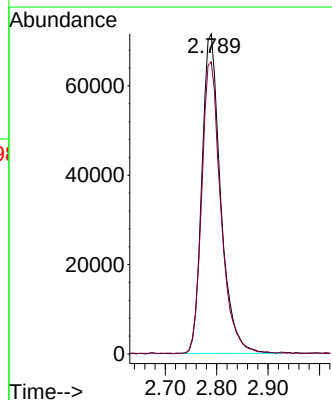
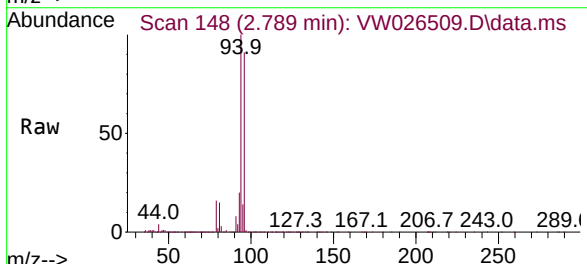
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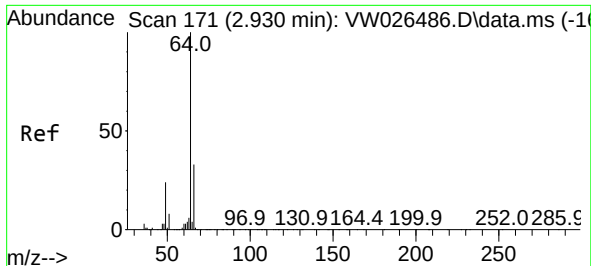
Tgt Ion: 62 Resp: 238682
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.0 42.8



#6
 Bromomethane
 Concen: 29.049 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026509.D
 Acq: 01 Jul 2023 06:48

Tgt Ion: 94 Resp: 180982
 Ion Ratio Lower Upper
 94 100
 96 91.3 64.3 119.3

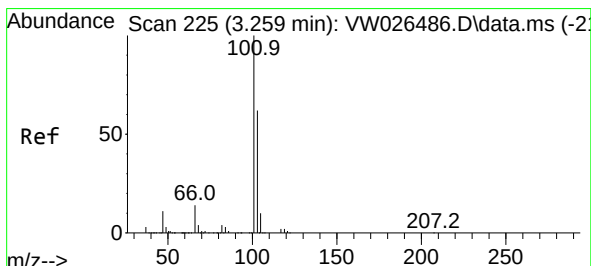
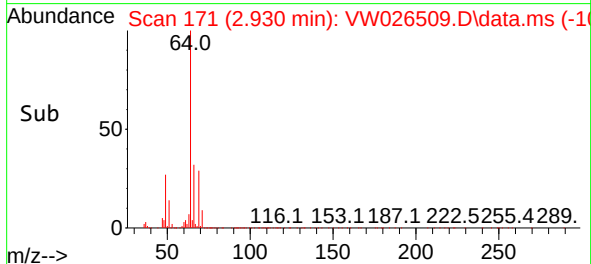
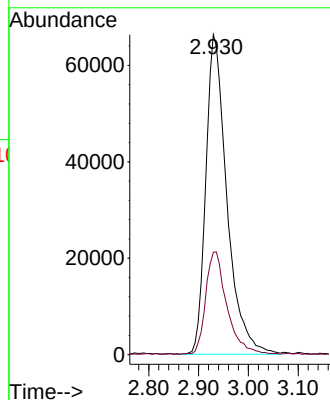
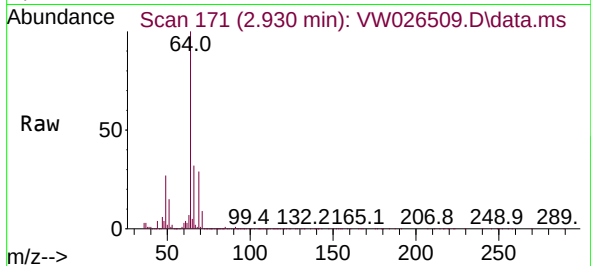




#8
Chloroethane
Concen: 29.323 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

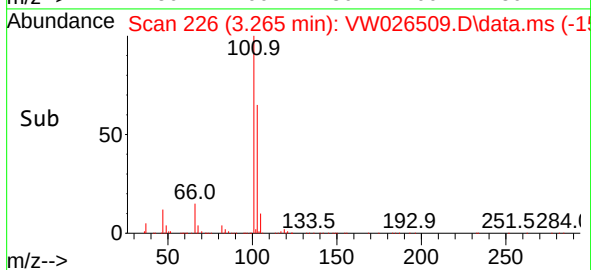
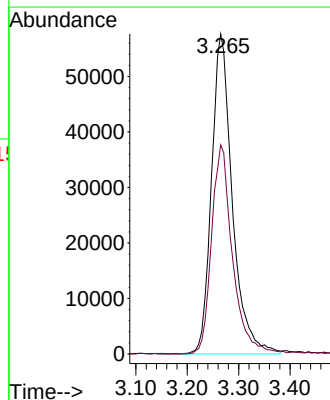
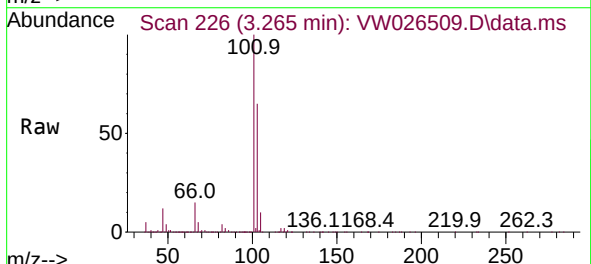
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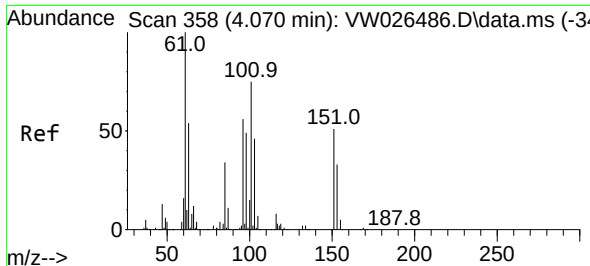
Tgt Ion: 64 Resp: 194829
Ion Ratio Lower Upper
64 100
66 32.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 20.324 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

Tgt Ion: 101 Resp: 161902
Ion Ratio Lower Upper
101 100
103 65.4 52.0 78.0

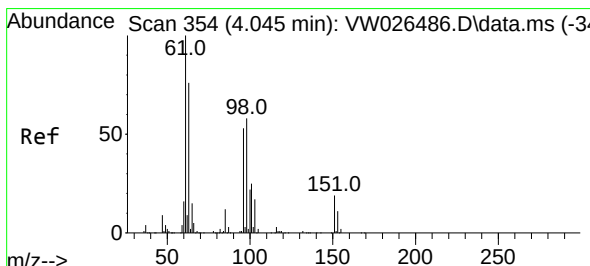
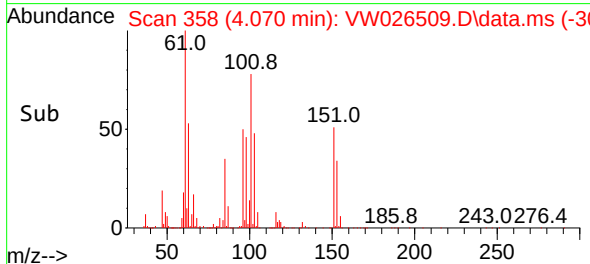
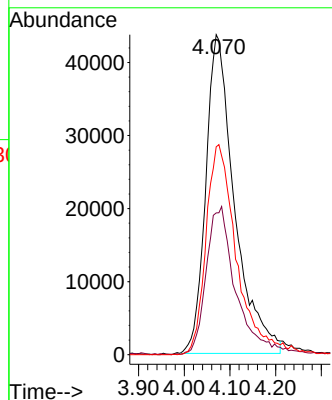
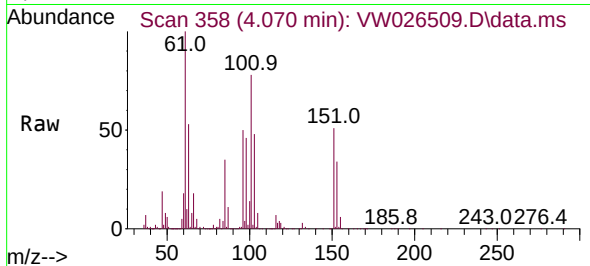




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.560 ug/L
 RT: 4.070 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW026509.D
 Acq: 01 Jul 2023 06:48

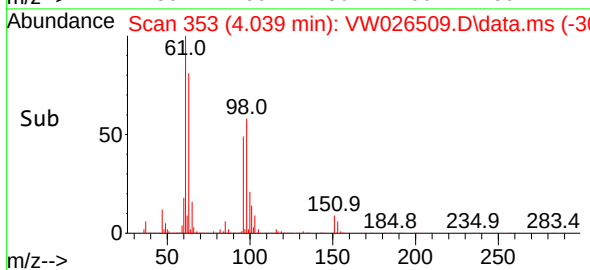
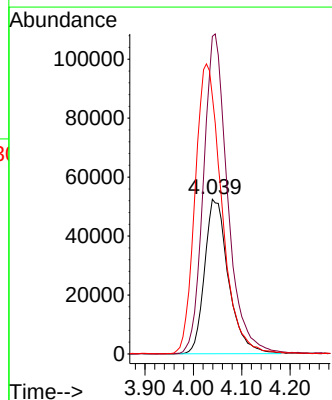
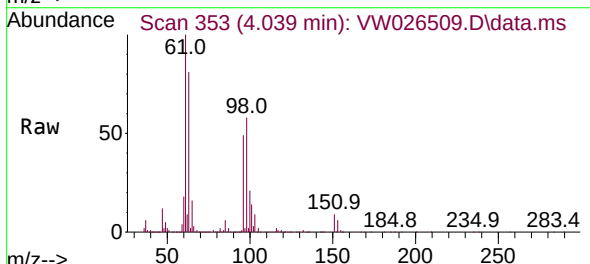
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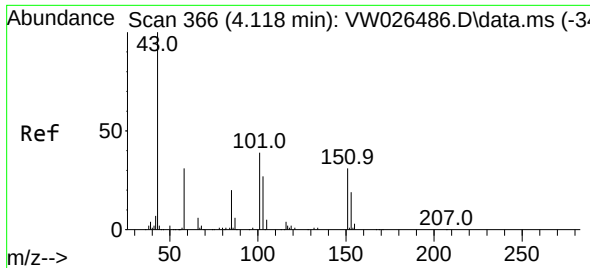
Tgt Ion:101 Resp: 190632
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.1 51.1#
 151 69.2 53.7 80.5



#12
 1,1-Dichloroethene
 Concen: 20.749 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW026509.D
 Acq: 01 Jul 2023 06:48

Tgt Ion: 96 Resp: 179561
 Ion Ratio Lower Upper
 96 100
 61 205.4 134.0 248.8
 63 166.6 117.1 217.5

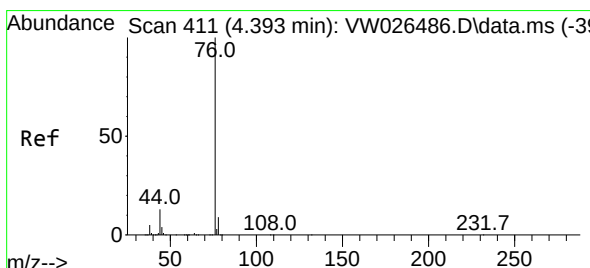
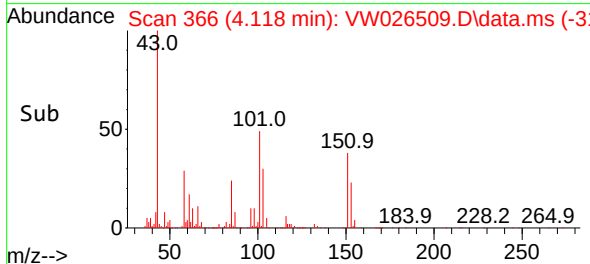
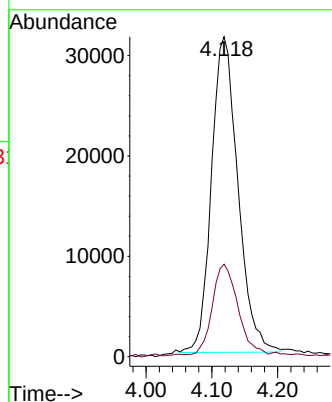
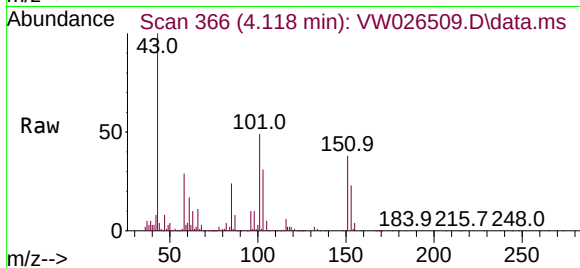




#13
Acetone
Concen: 37.575 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

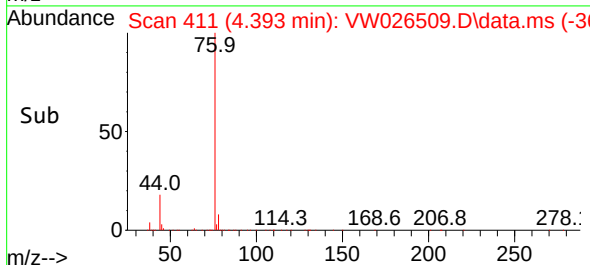
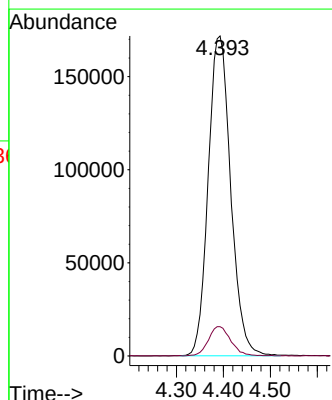
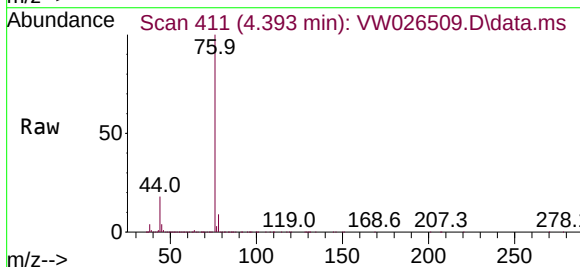
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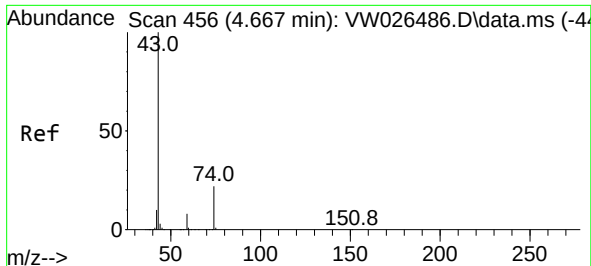
Tgt Ion: 43 Resp: 88264
Ion Ratio Lower Upper
43 100
58 28.1 0.0 63.2



#14
Carbon disulfide
Concen: 20.383 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 570848
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

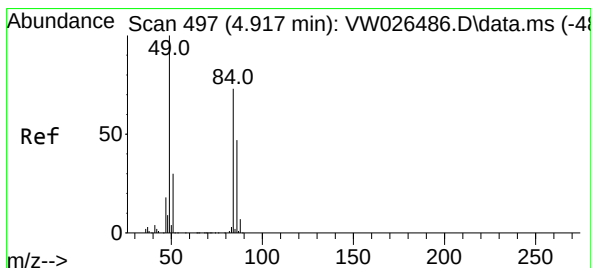
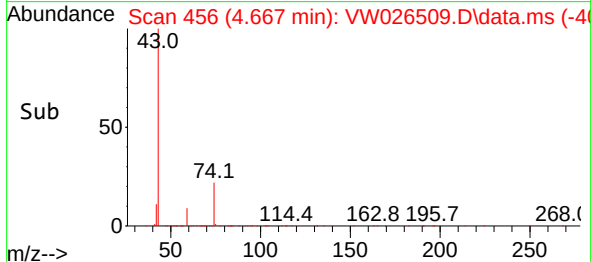
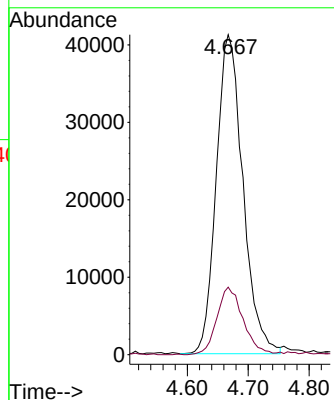
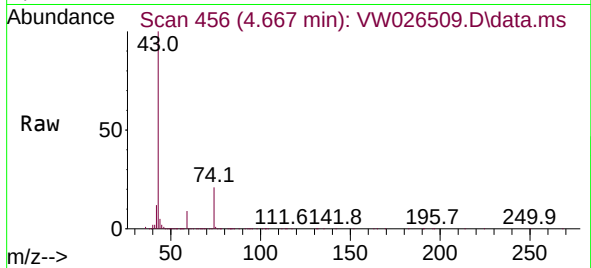




#15
Methyl Acetate
Concen: 24.544 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

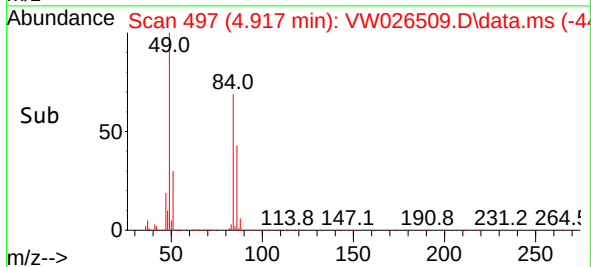
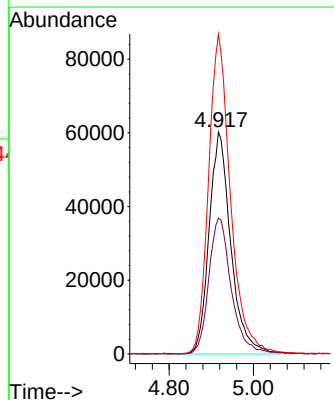
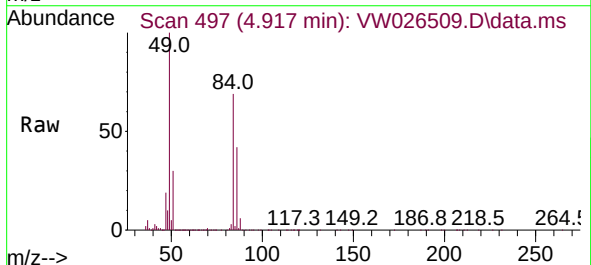
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

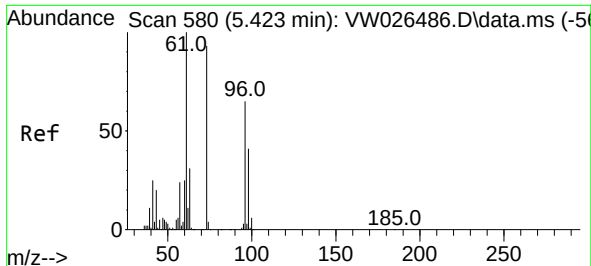
Tgt Ion: 43 Resp: 125186
Ion Ratio Lower Upper
43 100
74 20.7 16.6 24.8



#16
Methylene chloride
Concen: 16.518 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

Tgt Ion: 84 Resp: 215686
Ion Ratio Lower Upper
84 100
86 61.2 44.1 81.9
49 144.2 94.1 174.8

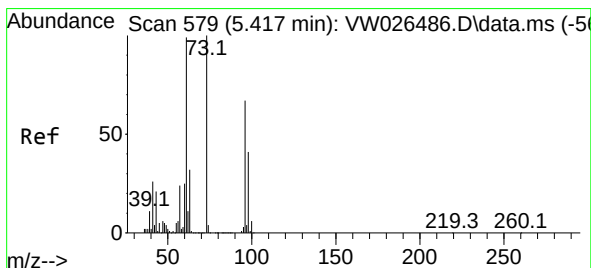
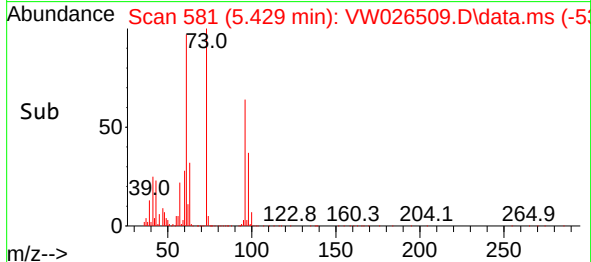
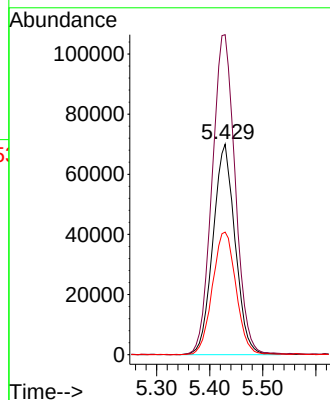
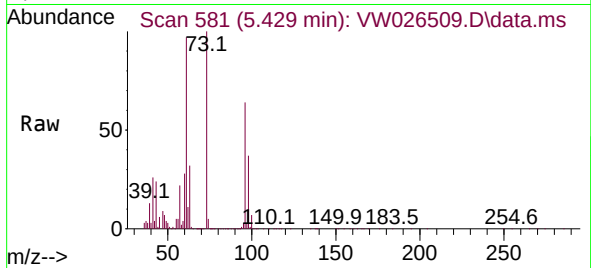




#17
trans-1,2-Dichloroethene
Concen: 21.843 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

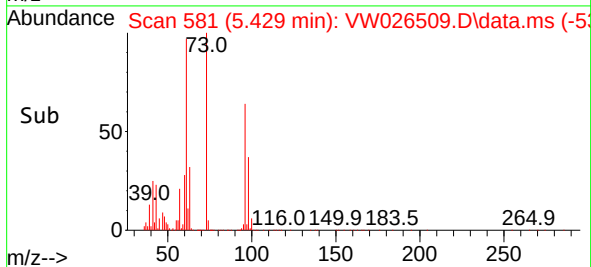
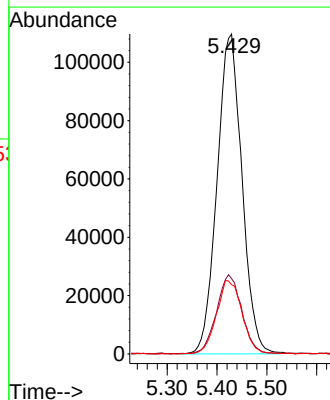
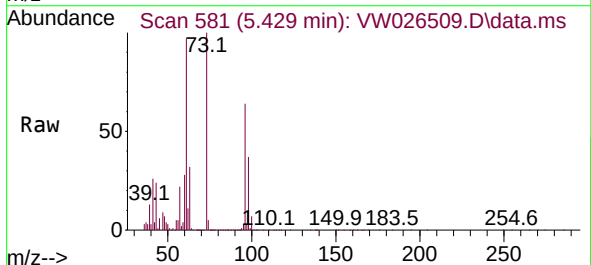
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

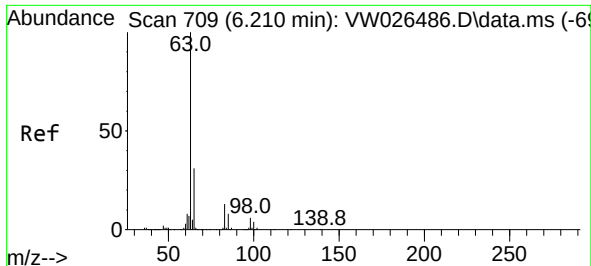
Tgt Ion: 96 Resp: 203338
Ion Ratio Lower Upper
96 100
61 152.0 105.2 195.4
98 58.2 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 25.012 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.012 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

Tgt Ion: 73 Resp: 380519
Ion Ratio Lower Upper
73 100
43 24.9 16.6 25.0
57 23.7 19.3 28.9

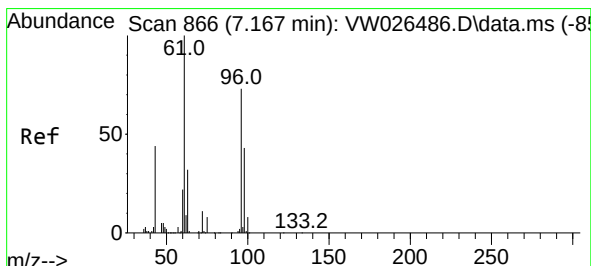
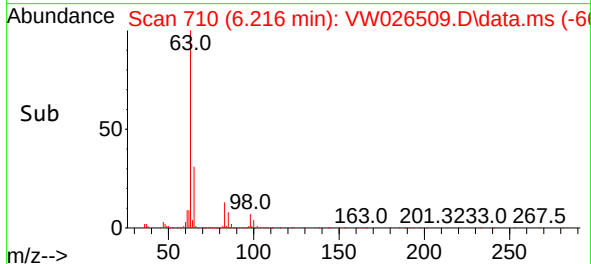
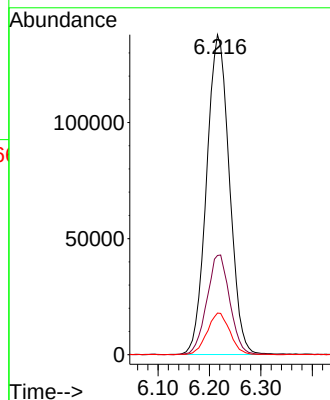
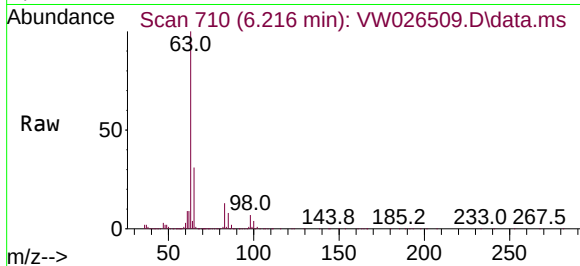




#19
1,1-Dichloroethane
Concen: 22.631 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

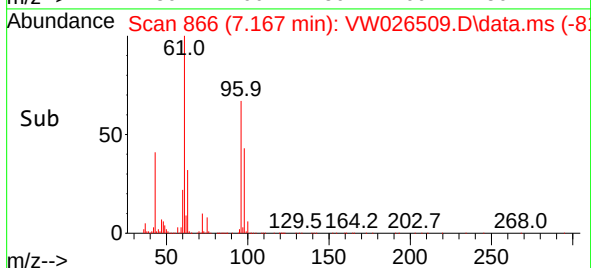
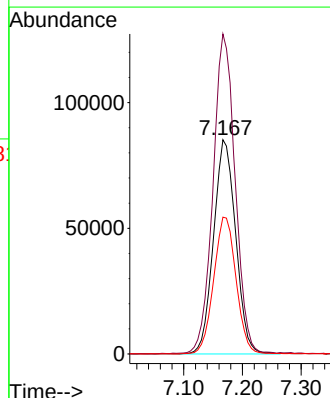
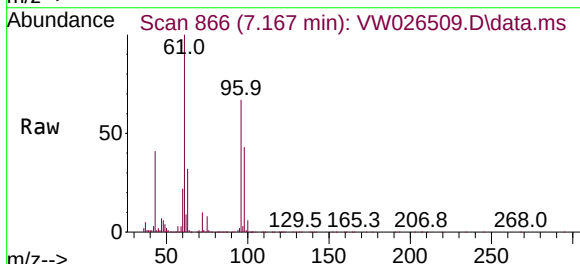
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

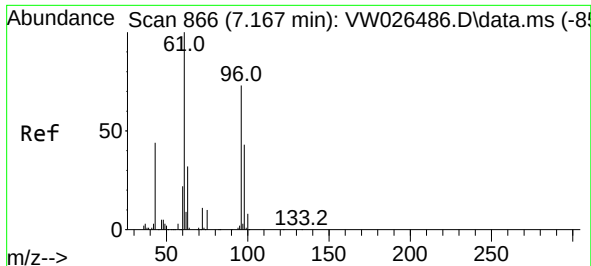
Tgt Ion: 63 Resp: 423913
Ion Ratio Lower Upper
63 100
65 31.0 22.3 41.5
83 13.0 8.3 15.3



#20
cis-1,2-Dichloroethene
Concen: 21.189 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

Tgt Ion: 96 Resp: 223417
Ion Ratio Lower Upper
96 100
61 149.4 99.3 184.5
98 63.9 44.3 82.3

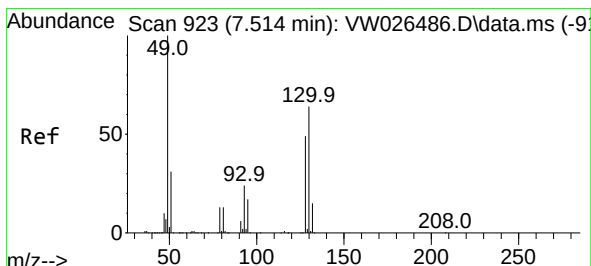
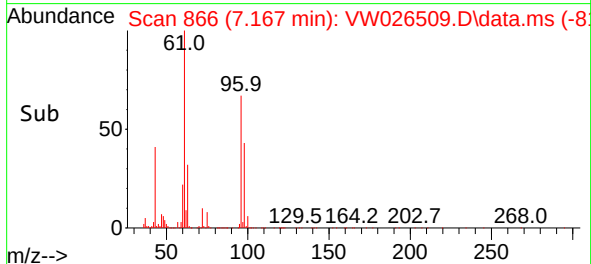
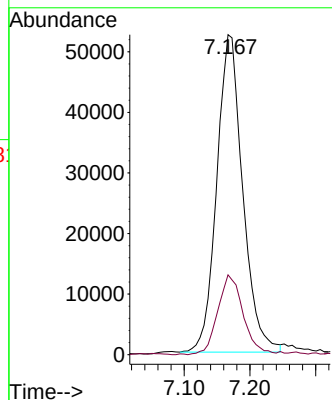
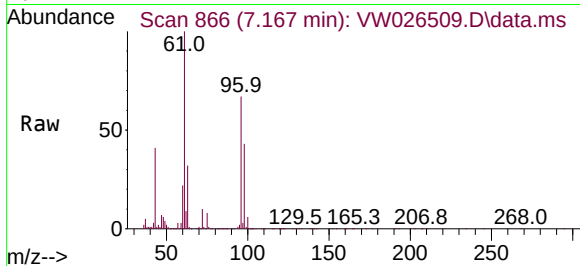




#22
2-Butanone
Concen: 37.429 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

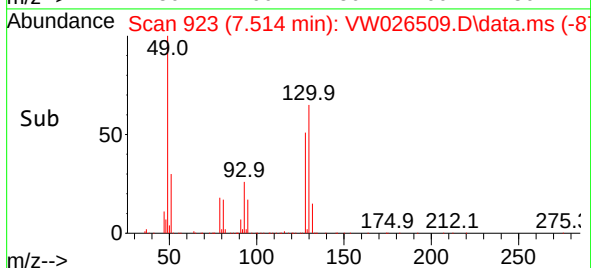
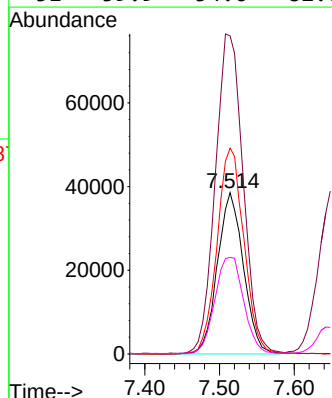
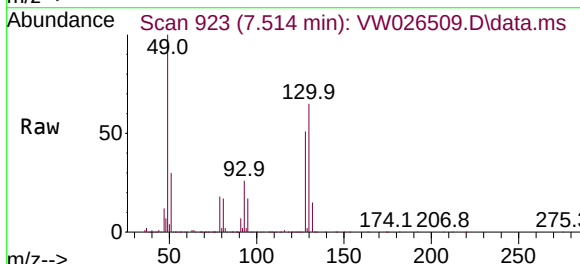
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

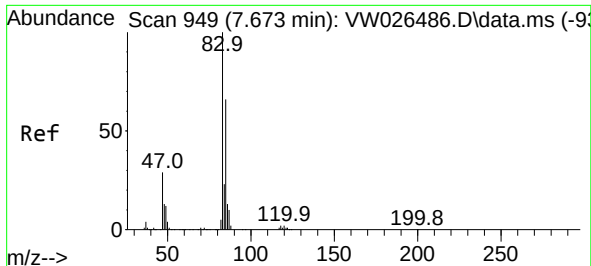
Tgt Ion: 43 Resp: 144146
Ion Ratio Lower Upper
43 100
72 24.5 12.6 37.8



#23
Bromochloromethane
Concen: 21.268 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

Tgt Ion: 128 Resp: 93267
Ion Ratio Lower Upper
128 100
49 197.2 149.2 277.2
130 127.7 89.2 165.8
51 59.9 54.6 82.0

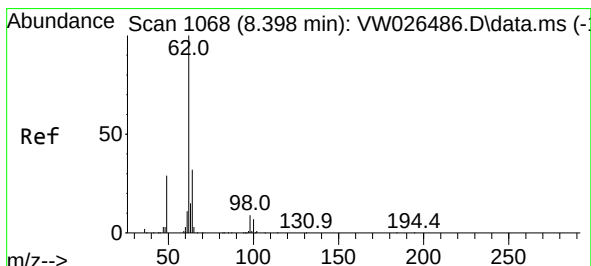
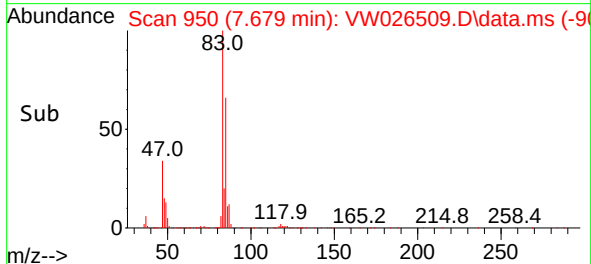
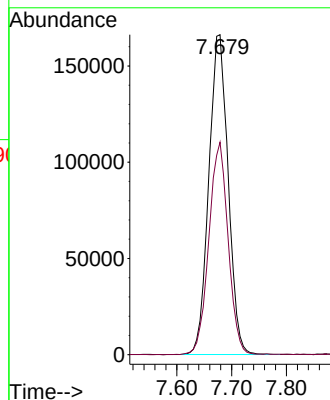
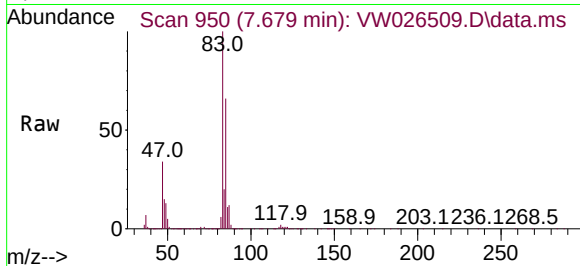




#25
Chloroform
Concen: 22.344 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

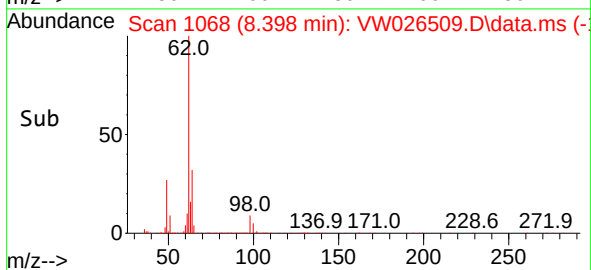
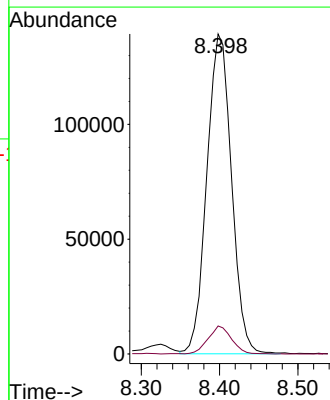
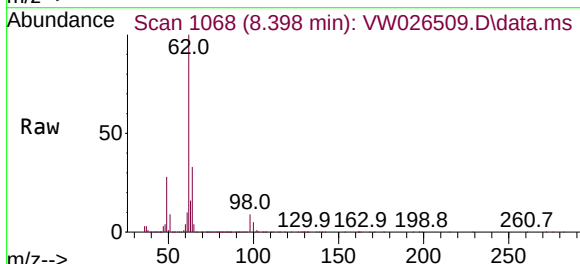
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

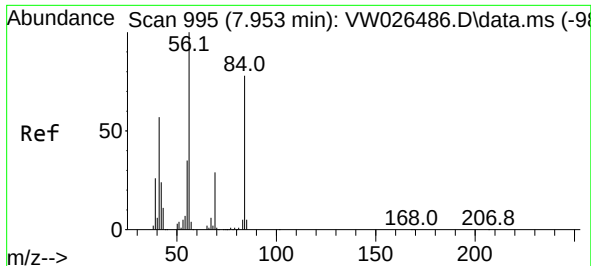
Tgt Ion: 83 Resp: 406227
Ion Ratio Lower Upper
83 100
85 66.4 44.4 82.4



#27
1,2-Dichloroethane
Concen: 24.519 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

Tgt Ion: 62 Resp: 304796
Ion Ratio Lower Upper
62 100
98 8.8 7.6 11.4





#29

Cyclohexane

Concen: 18.466 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW026509.D

Acq: 01 Jul 2023 06:48

Instrument :

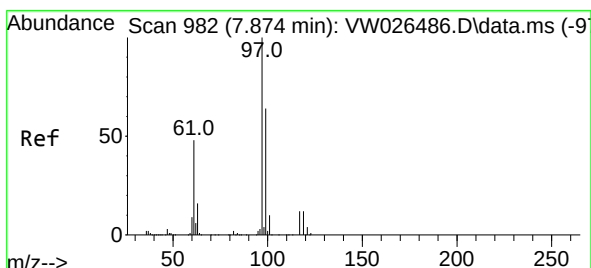
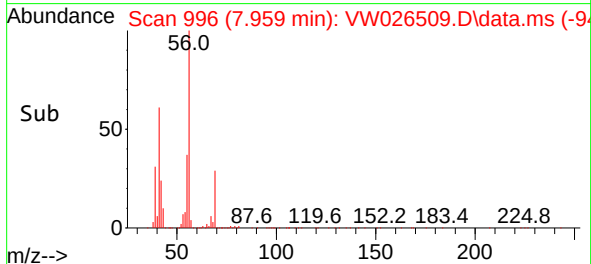
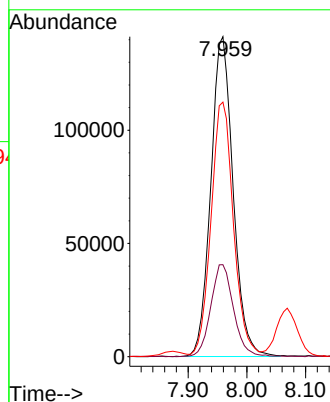
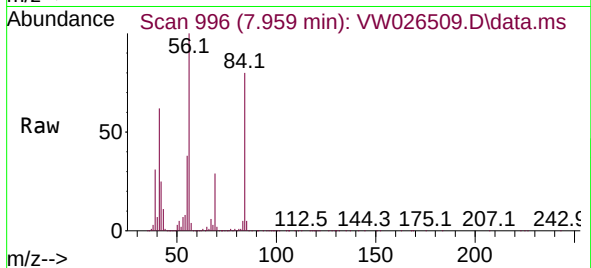
MSVOA_W

ClientSampleId :

VSTD025547

Tgt Ion: 56 Resp: 372652

Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.2	34.8
84	80.1	63.5	95.3



#30

1,1,1-Trichloroethane

Concen: 21.884 ug/L

RT: 7.874 min Scan# 982

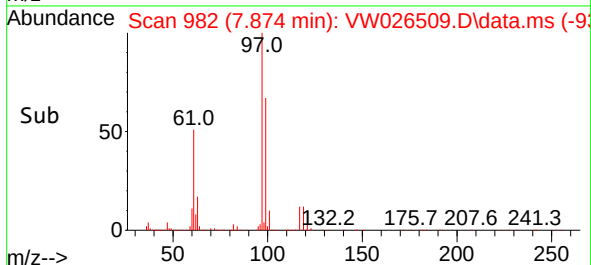
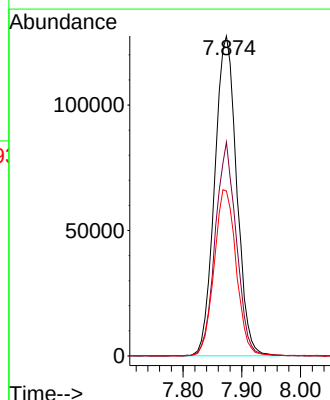
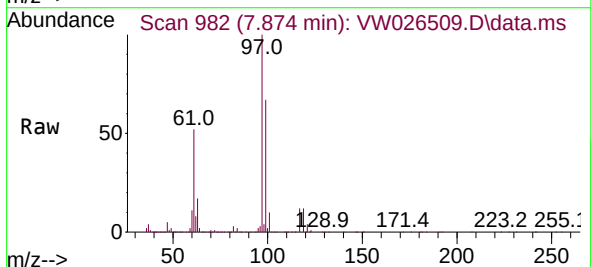
Delta R.T. -0.000 min

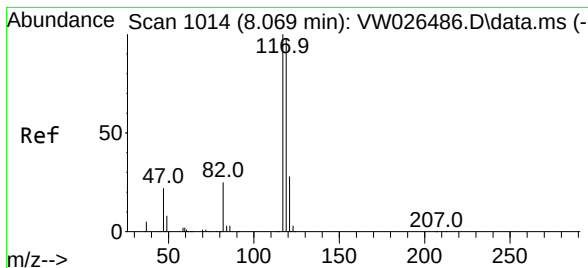
Lab File: VW026509.D

Acq: 01 Jul 2023 06:48

Tgt Ion: 97 Resp: 331861

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	52.3	39.5	59.3

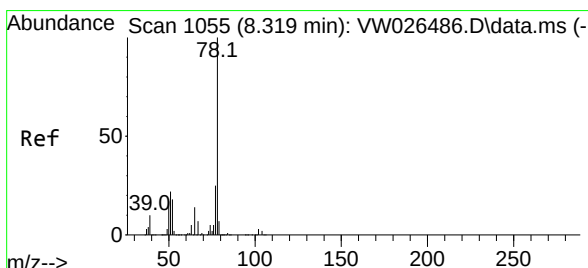
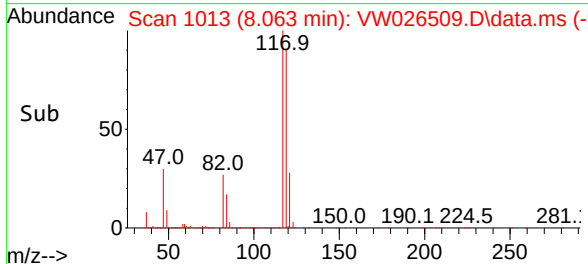
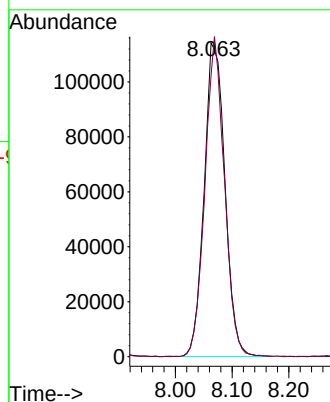
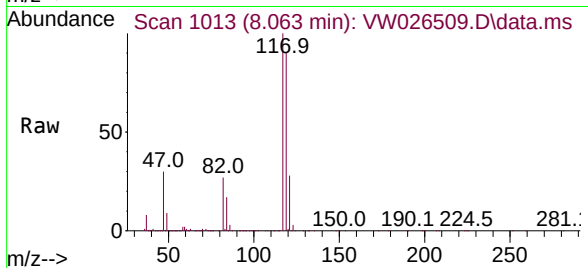




#31
Carbon tetrachloride
Concen: 21.267 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

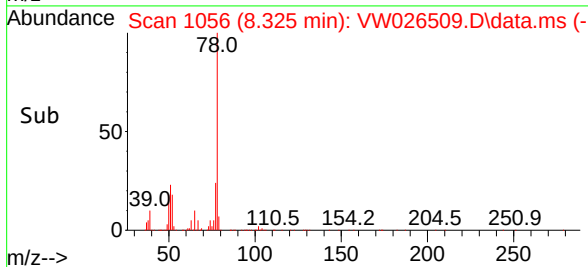
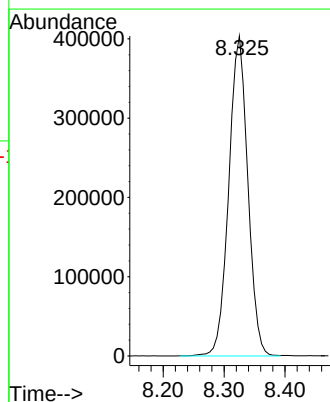
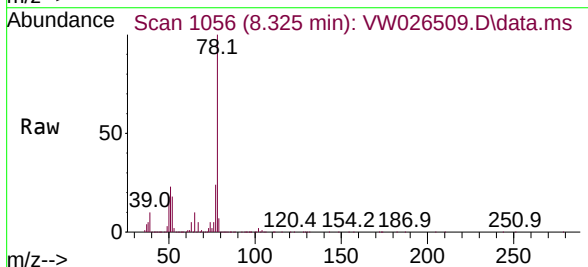
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

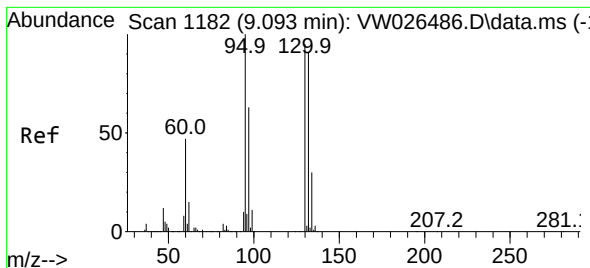
Tgt Ion:117 Resp: 290351
Ion Ratio Lower Upper
117 100
119 95.6 76.2 114.2



#33
Benzene
Concen: 19.638 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

Tgt Ion: 78 Resp: 875426





#34

Trichloroethene

Concen: 24.544 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026509.D

Acq: 01 Jul 2023 06:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

Tgt Ion: 95 Resp: 278722

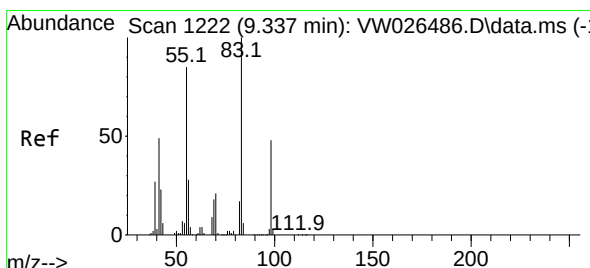
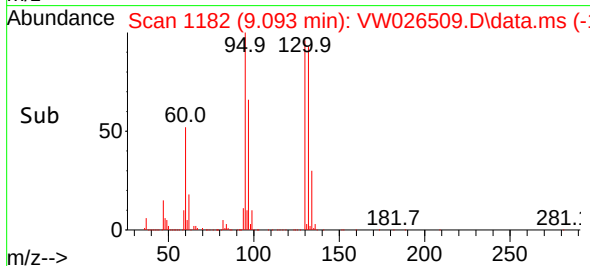
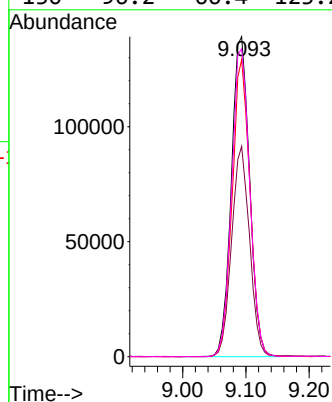
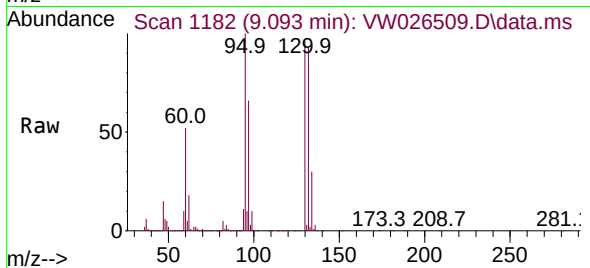
Ion Ratio Lower Upper

95 100

97 65.7 44.1 81.9

132 92.8 61.8 114.8

130 96.2 66.4 123.2



#35

Methylcyclohexane

Concen: 25.466 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW026509.D

Acq: 01 Jul 2023 06:48

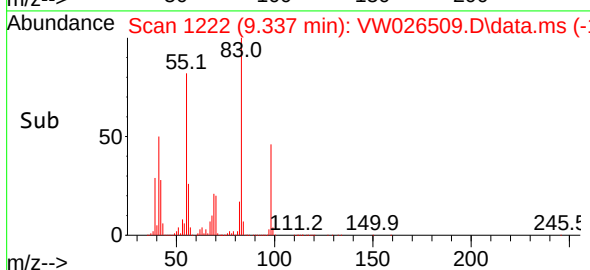
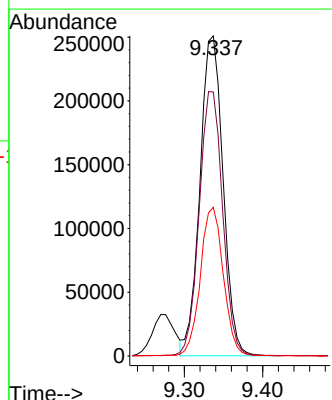
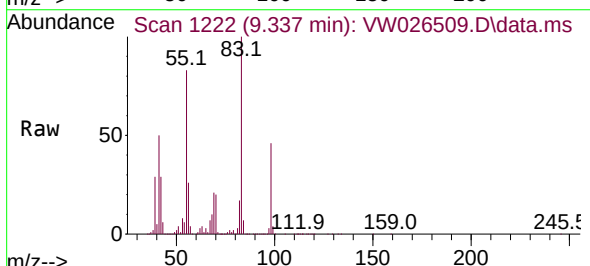
Tgt Ion: 83 Resp: 515196

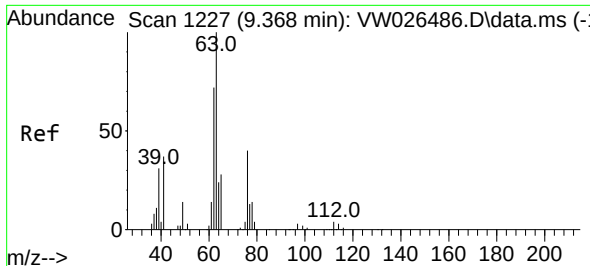
Ion Ratio Lower Upper

83 100

55 83.6 66.5 99.7

98 46.2 37.0 55.6





#37

1,2-Dichloropropane

Concen: 25.626 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026509.D

Acq: 01 Jul 2023 06:48

Instrument :

MSVOA_W

ClientSampleId :

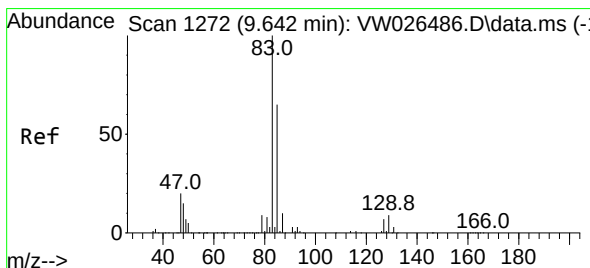
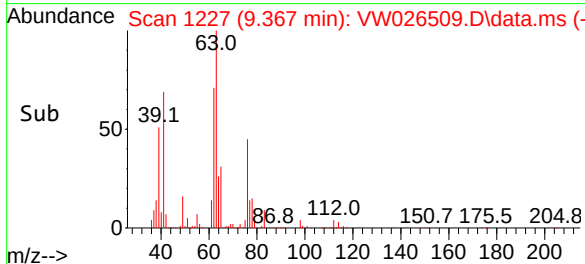
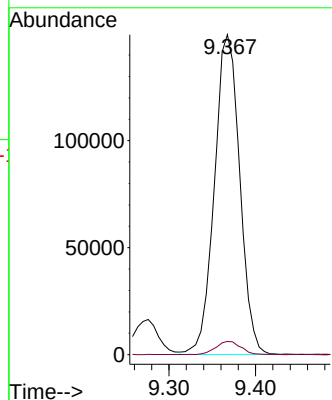
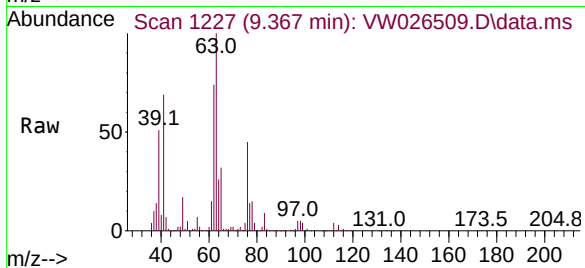
VSTD025547

Tgt Ion: 63 Resp: 303266

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 28.258 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026509.D

Acq: 01 Jul 2023 06:48

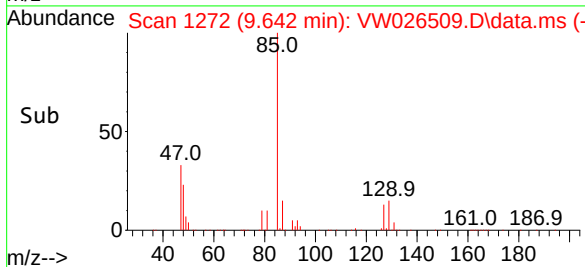
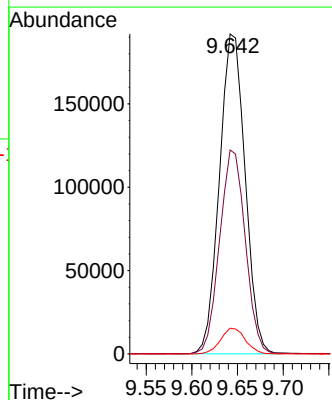
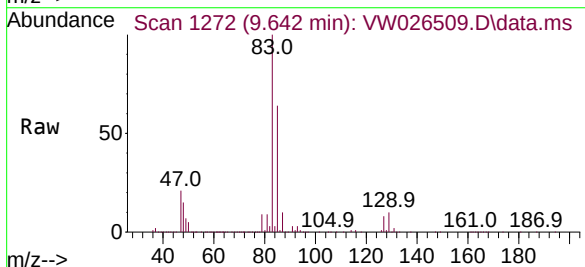
Tgt Ion: 83 Resp: 375343

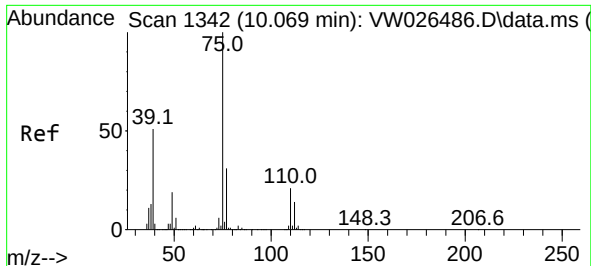
Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.7

127 8.0 5.9 8.9

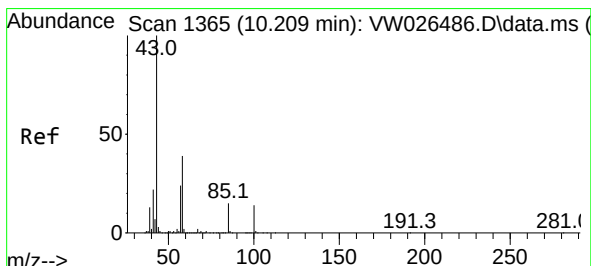
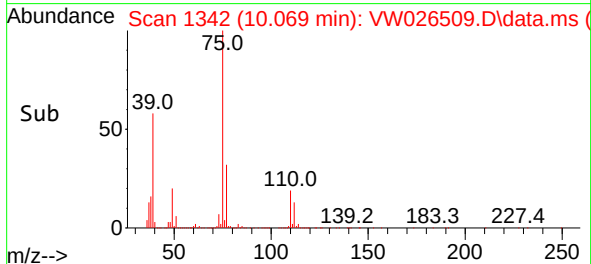
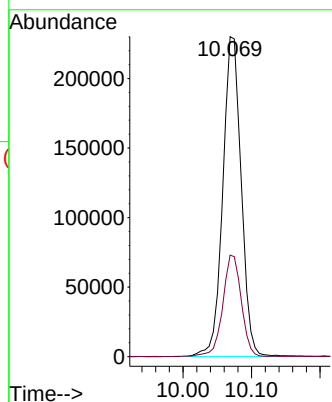
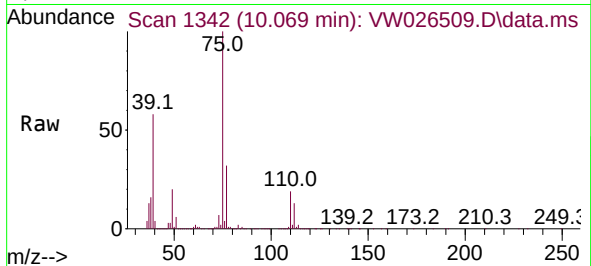




#39
 cis-1,3-Dichloropropene
 Concen: 24.164 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW026509.D
 Acq: 01 Jul 2023 06:48

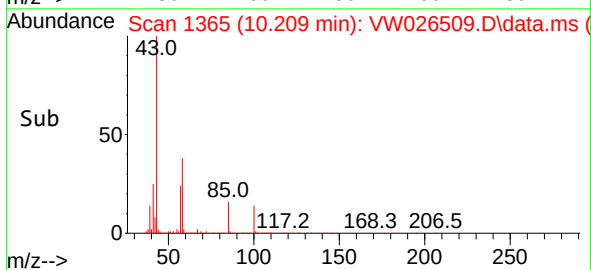
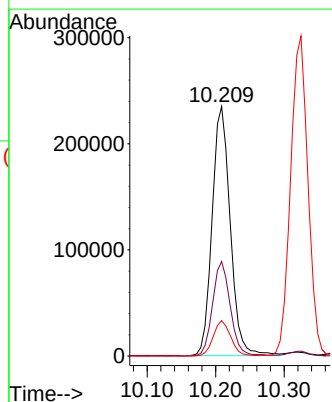
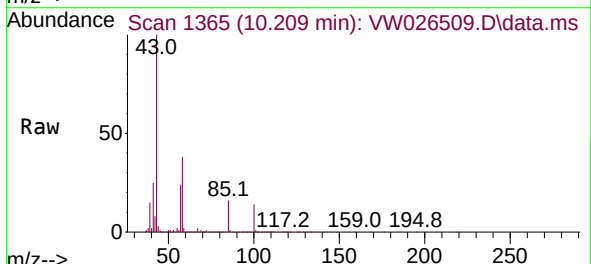
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

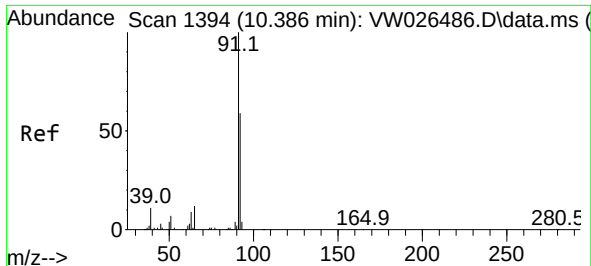
Tgt Ion: 75 Resp: 428008
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 53.333 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW026509.D
 Acq: 01 Jul 2023 06:48

Tgt Ion: 43 Resp: 433357
 Ion Ratio Lower Upper
 43 100
 58 36.9 29.7 44.5
 100 13.6 10.9 16.3

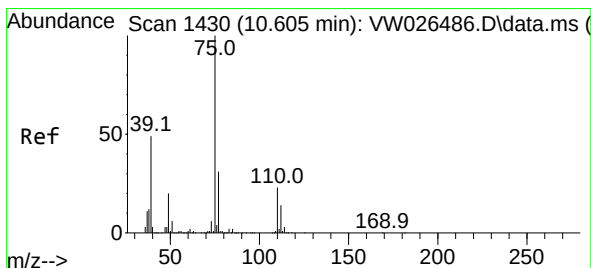
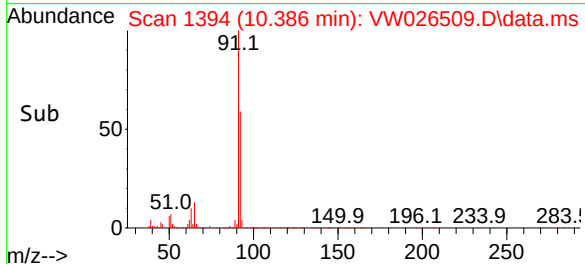
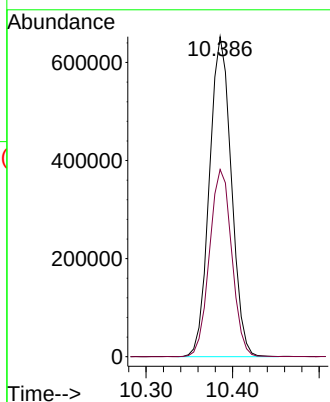
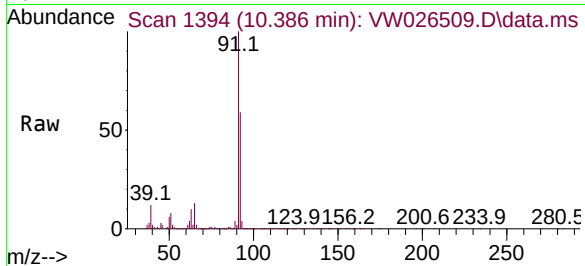




#42
Toluene
Concen: 25.172 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

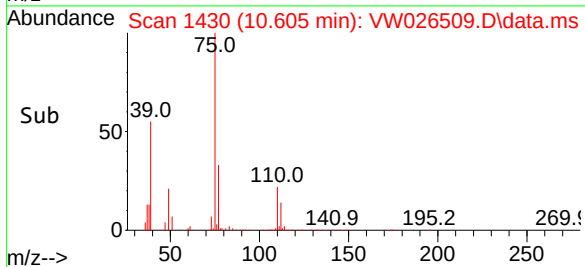
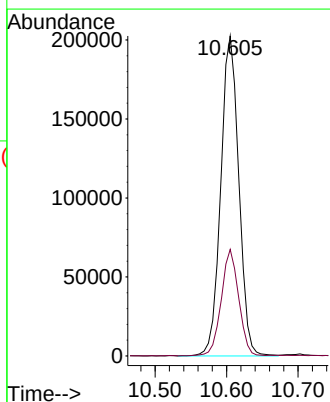
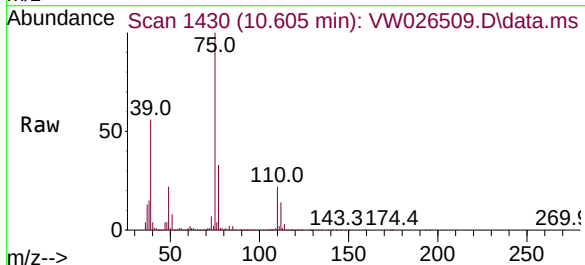
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

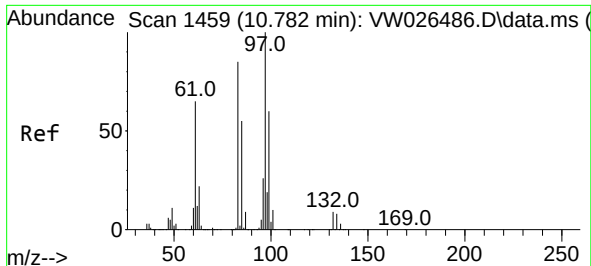
Tgt Ion: 91 Resp: 1148077
Ion Ratio Lower Upper
91 100
92 58.5 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 24.507 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

Tgt Ion: 75 Resp: 354767
Ion Ratio Lower Upper
75 100
77 33.3 21.8 40.6



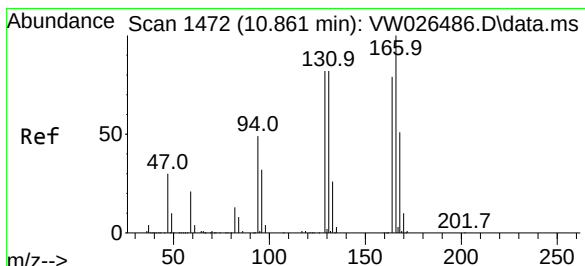
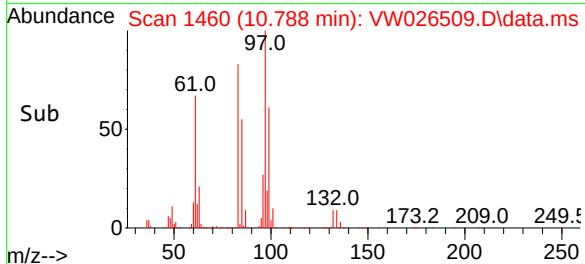
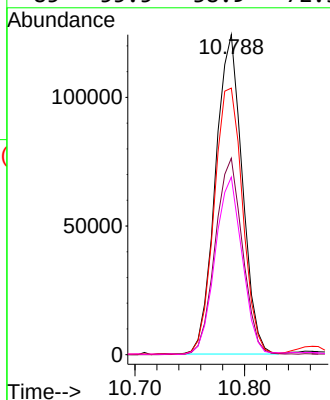
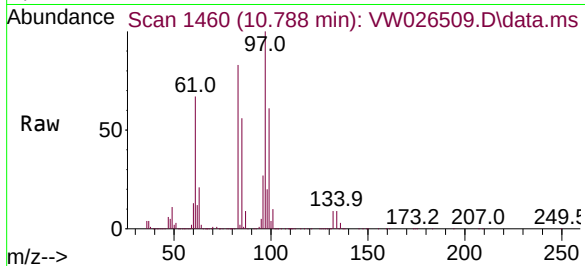


#45
1,1,2-Trichloroethane
Concen: 26.191 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

Tgt Ion: 97 Resp: 211142

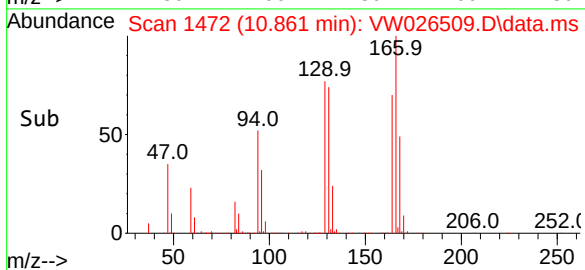
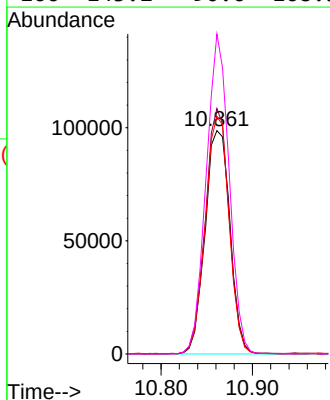
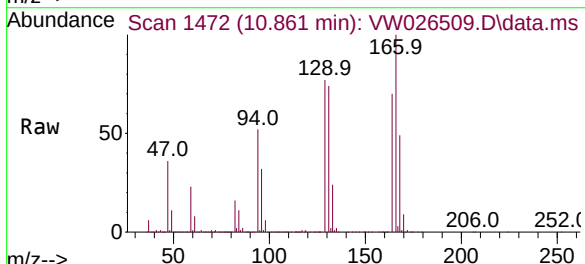
Ion	Ratio	Lower	Upper
97	100		
99	61.4	42.1	78.3
83	83.3	60.5	112.5
85	55.5	38.9	72.3

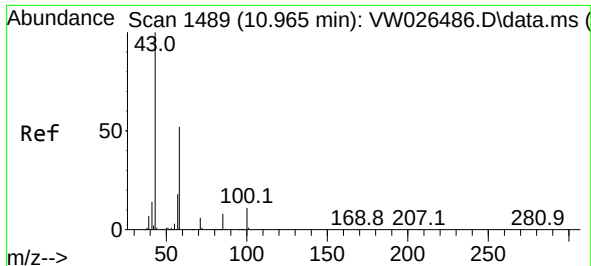


#46
Tetrachloroethene
Concen: 23.242 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

Tgt Ion: 164 Resp: 186603

Ion	Ratio	Lower	Upper
164	100		
129	109.9	69.0	128.2
131	106.3	62.6	116.3
166	143.2	90.6	168.3

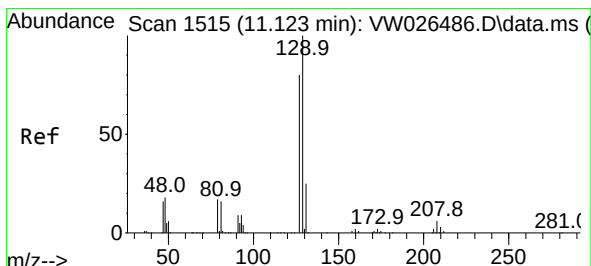
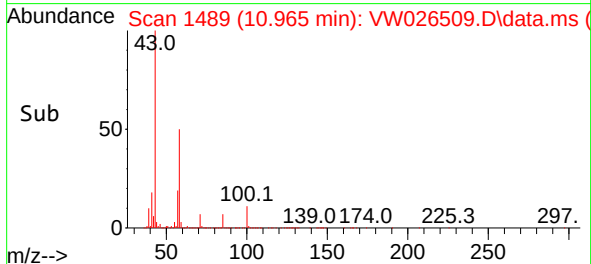
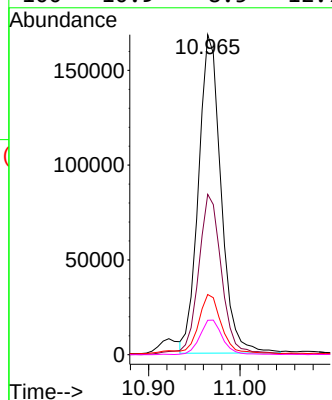
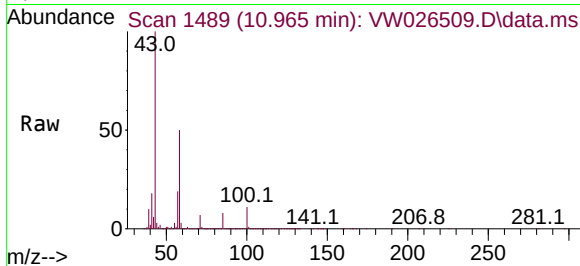




#48
2-Hexanone
Concen: 52.749 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

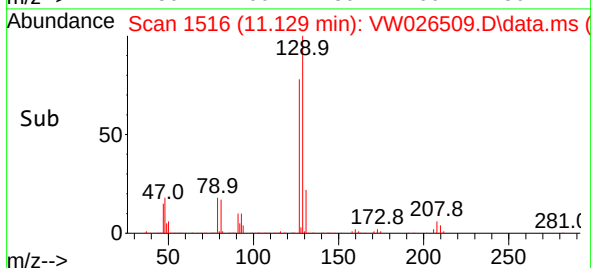
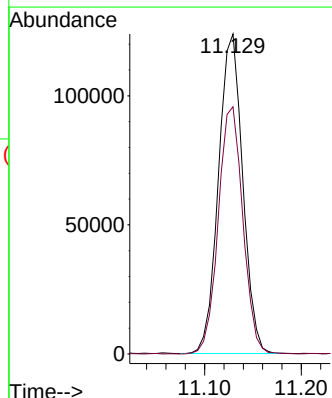
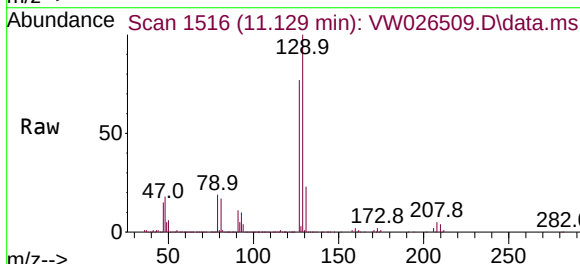
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

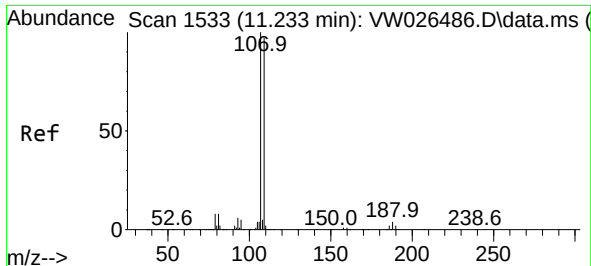
Tgt Ion: 43 Resp: 287689
Ion Ratio Lower Upper
43 100
58 52.2 42.1 63.1
57 18.3 14.5 21.7
100 10.9 8.5 12.7



#49
Dibromochloromethane
Concen: 26.790 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

Tgt Ion: 129 Resp: 215105
Ion Ratio Lower Upper
129 100
127 77.3 54.0 100.4





#50

1,2-Dibromoethane

Concen: 25.853 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026509.D

Acq: 01 Jul 2023 06:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

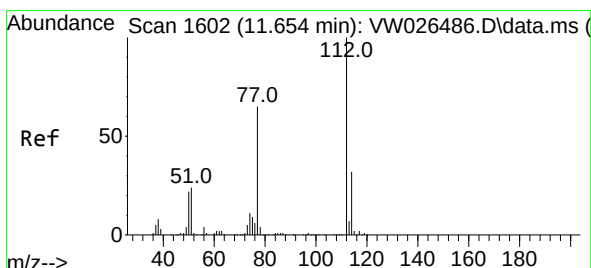
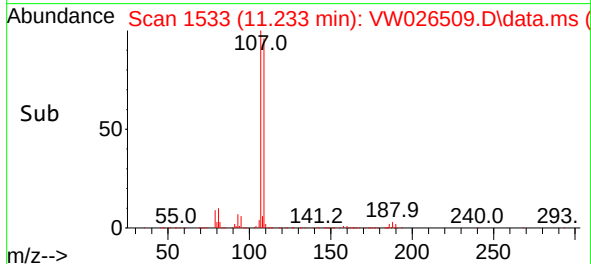
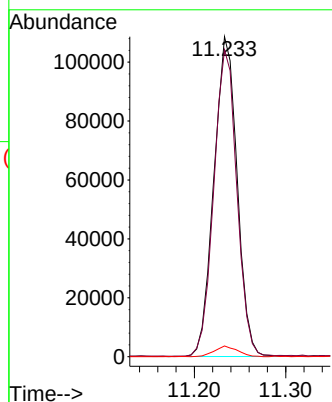
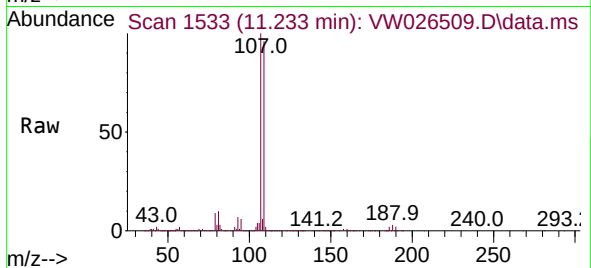
Tgt Ion:107 Resp: 191646

Ion Ratio Lower Upper

107 100

109 95.9 69.0 128.2

188 3.4 2.8 4.2



#51

Chlorobenzene

Concen: 26.754 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026509.D

Acq: 01 Jul 2023 06:48

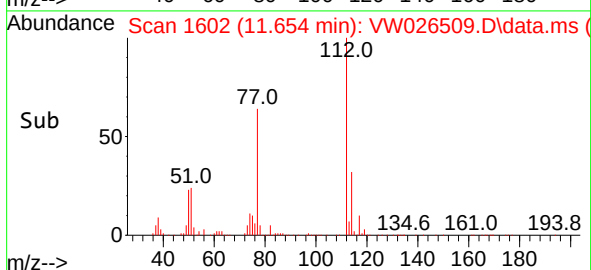
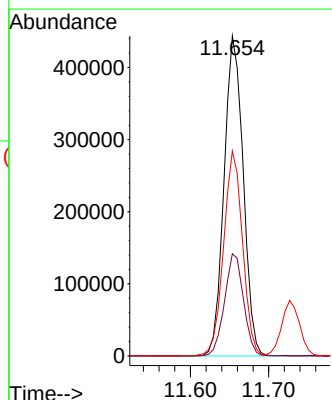
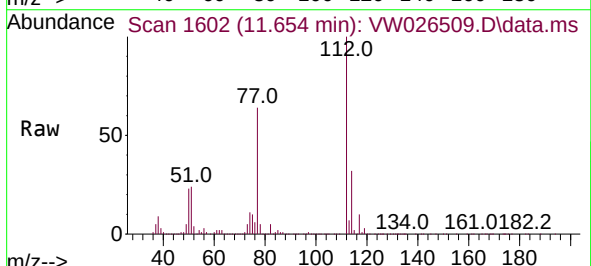
Tgt Ion:112 Resp: 754994

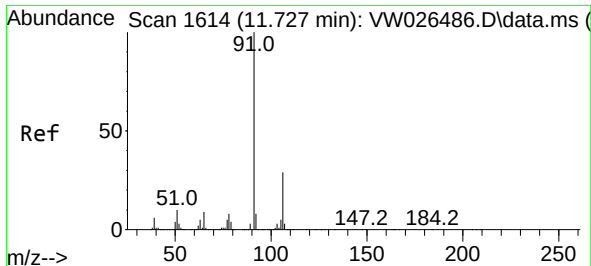
Ion Ratio Lower Upper

112 100

114 32.0 22.3 41.5

77 64.0 49.6 74.4

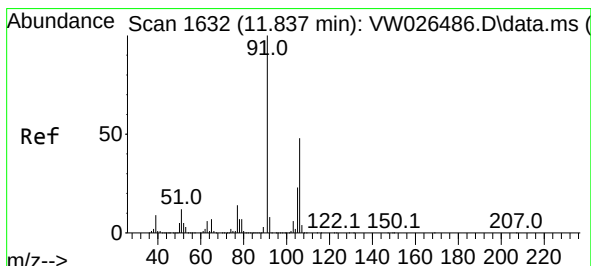
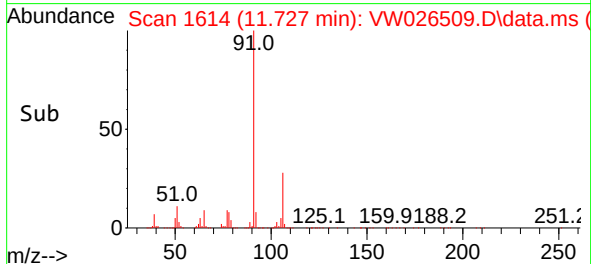
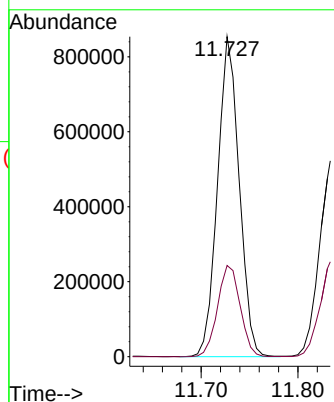
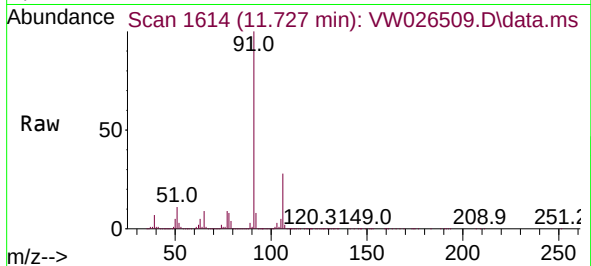




#52
Ethylbenzene
Concen: 25.812 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

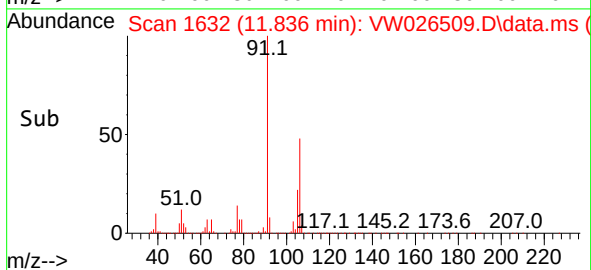
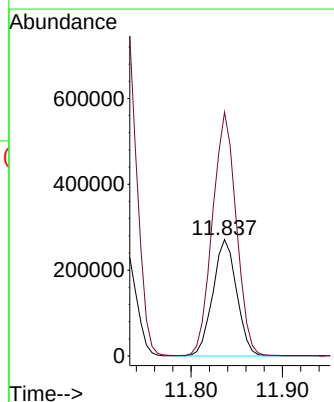
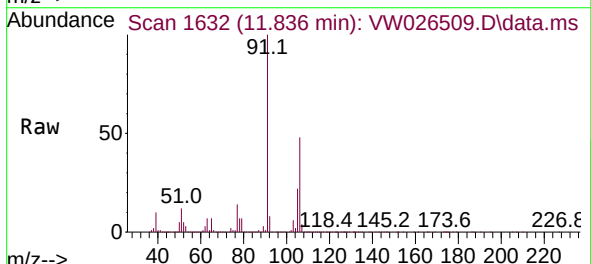
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

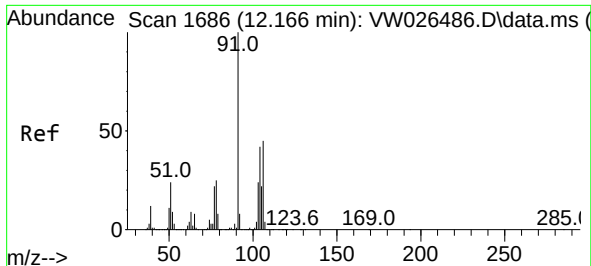
Tgt Ion: 91 Resp: 1324732
Ion Ratio Lower Upper
91 100
106 28.5 20.9 38.7



#53
m,p-Xylene
Concen: 25.776 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

Tgt Ion:106 Resp: 490526
Ion Ratio Lower Upper
106 100
91 209.7 146.7 272.5

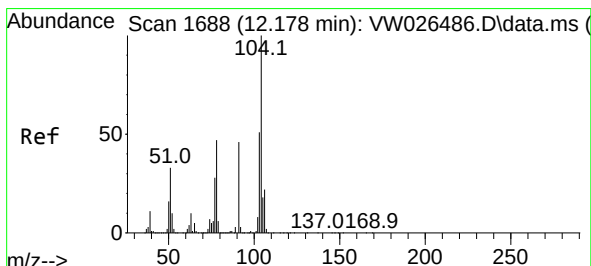
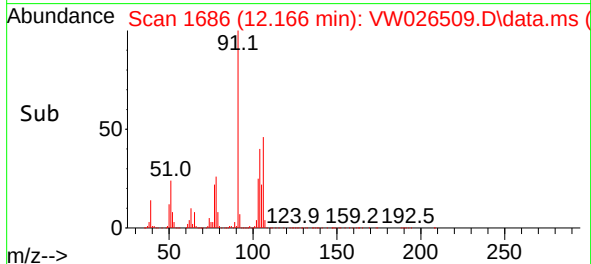
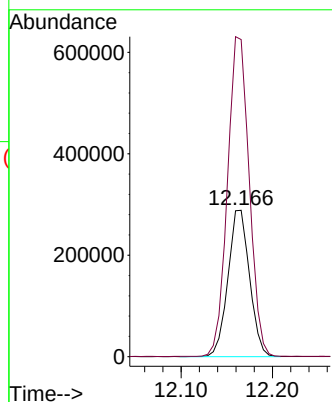
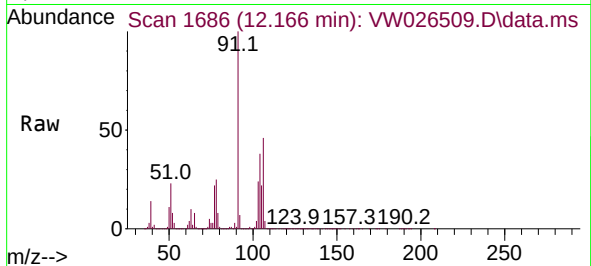




#54
o-Xylene
Concen: 26.863 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

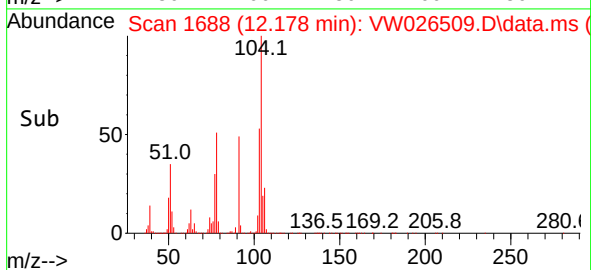
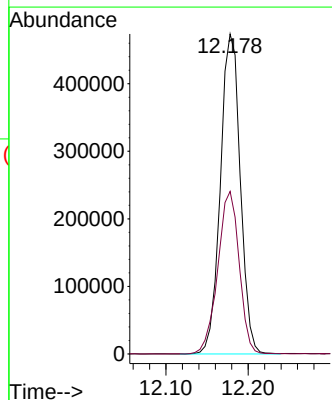
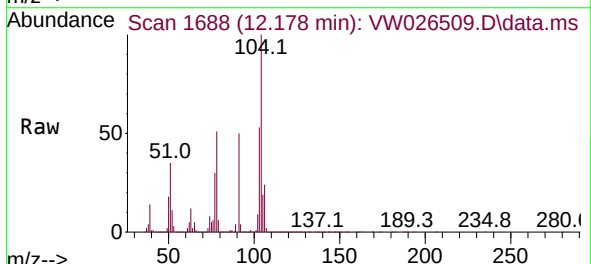
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

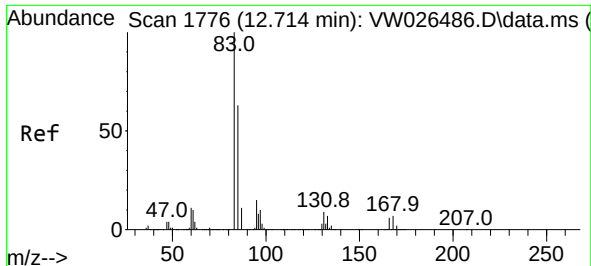
Tgt Ion:106 Resp: 474139
Ion Ratio Lower Upper
106 100
91 216.6 145.5 270.1



#55
Styrene
Concen: 26.457 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

Tgt Ion:104 Resp: 797076
Ion Ratio Lower Upper
104 100
78 50.8 34.8 64.6





#57

1,1,2,2-Tetrachloroethane

Concen: 28.228 ug/L

RT: 12.714 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026509.D

Acq: 01 Jul 2023 06:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

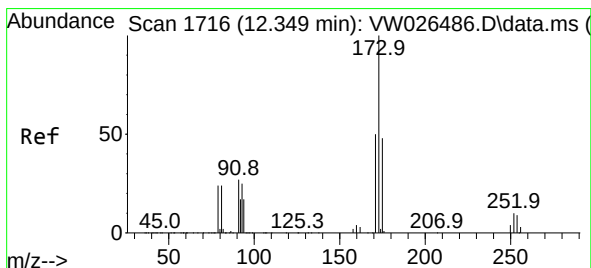
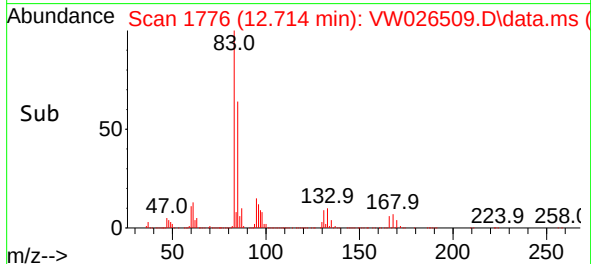
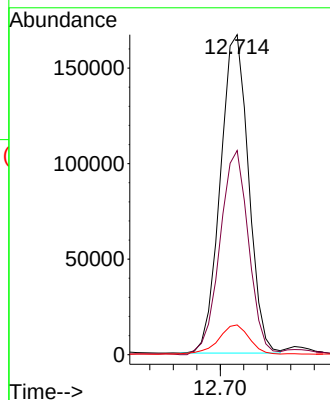
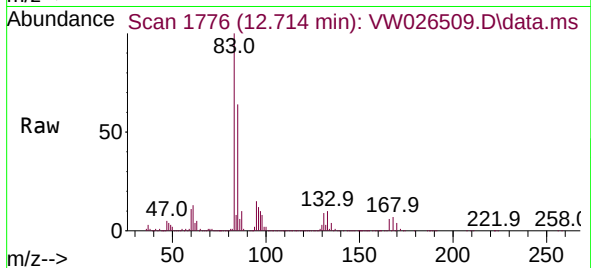
Tgt Ion: 83 Resp: 277875

Ion Ratio Lower Upper

83 100

85 63.8 44.6 82.8

131 9.3 7.2 10.8



#59

Bromoform

Concen: 27.912 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026509.D

Acq: 01 Jul 2023 06:48

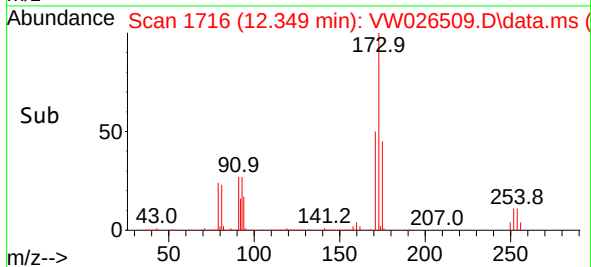
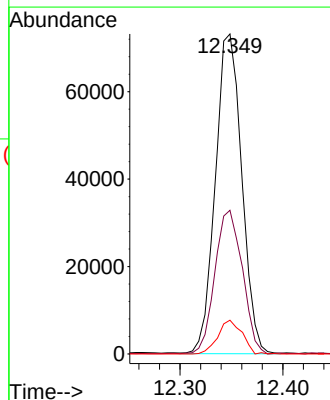
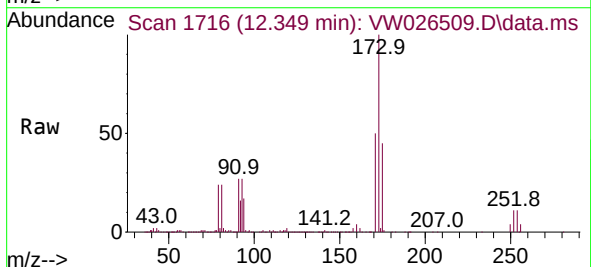
Tgt Ion: 173 Resp: 130552

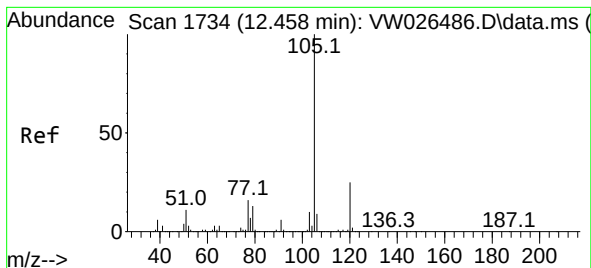
Ion Ratio Lower Upper

173 100

175 46.6 37.4 56.2

254 9.6 7.3 10.9





#60

Isopropylbenzene

Concen: 27.142 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW026509.D

Acq: 01 Jul 2023 06:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

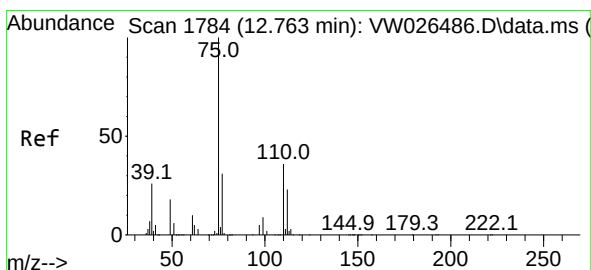
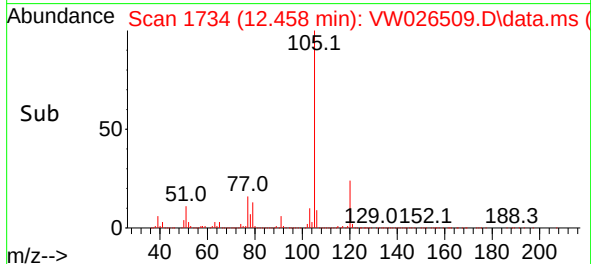
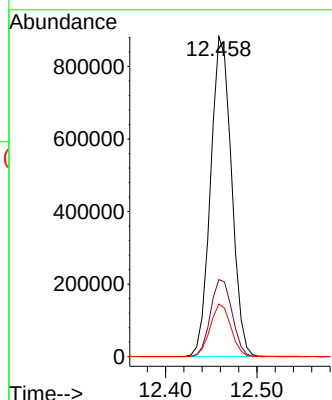
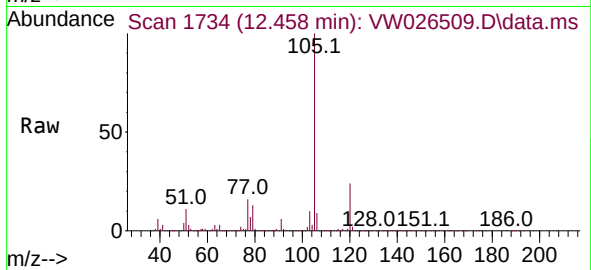
Tgt Ion:105 Resp: 1398420

Ion Ratio Lower Upper

105 100

120 25.0 20.5 30.7

77 16.2 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 26.933 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026509.D

Acq: 01 Jul 2023 06:48

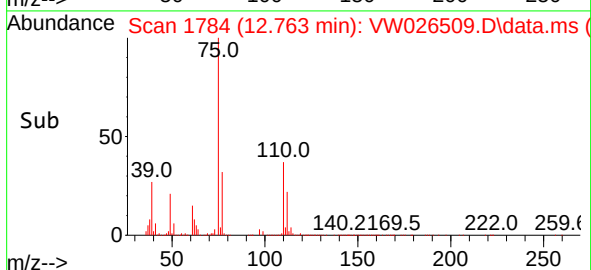
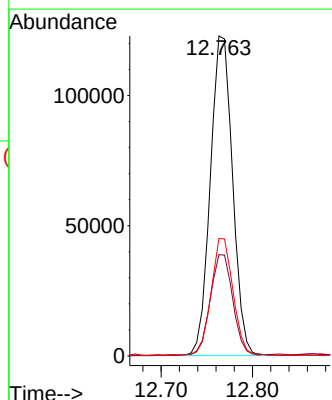
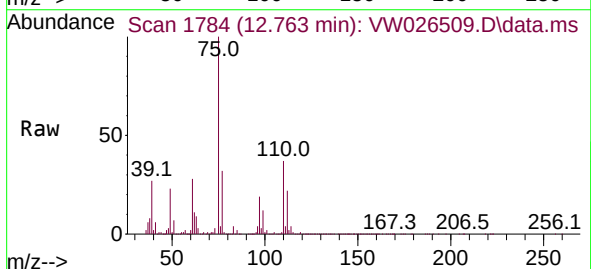
Tgt Ion: 75 Resp: 207939

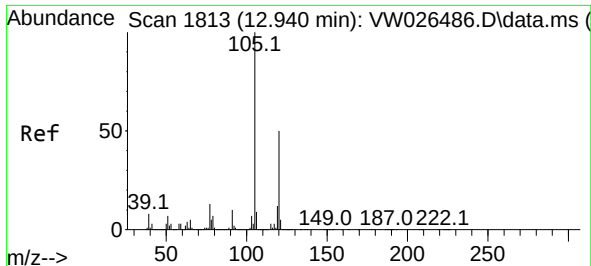
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

110 35.9 28.2 42.4

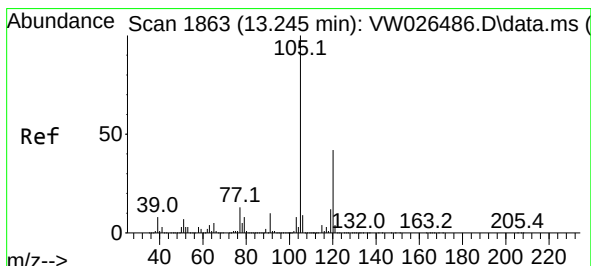
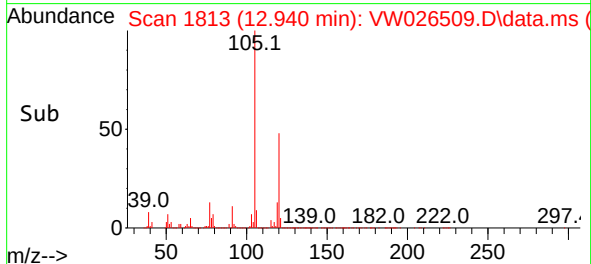
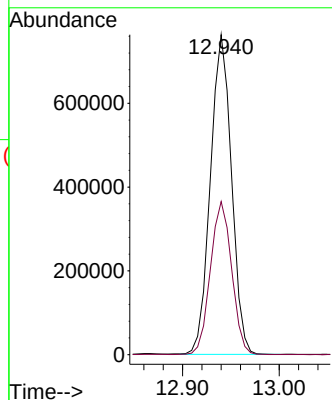
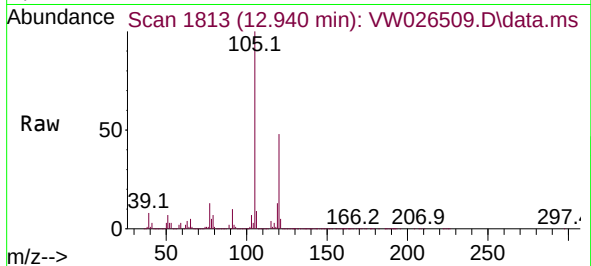




#62
 1,3,5-Trimethylbenzene
 Concen: 28.189 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW026509.D
 Acq: 01 Jul 2023 06:48

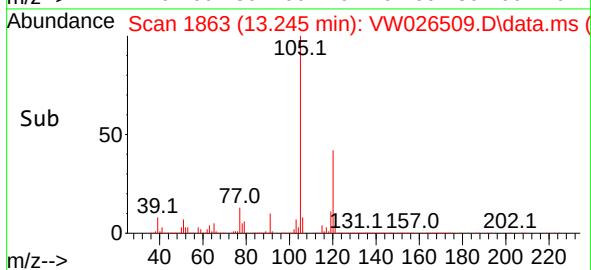
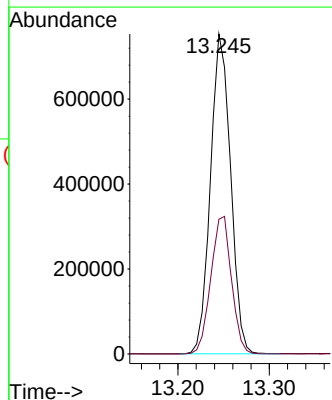
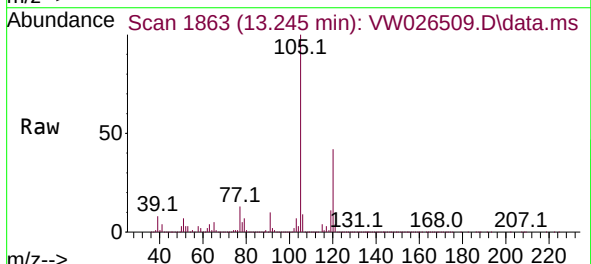
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

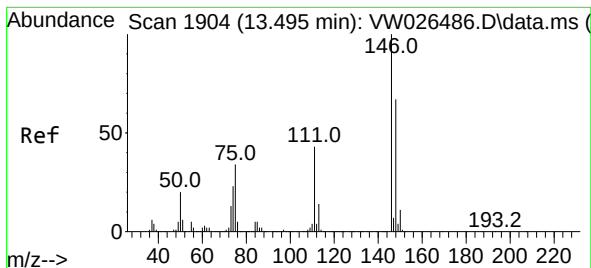
Tgt Ion:105 Resp: 1154904
 Ion Ratio Lower Upper
 105 100
 120 48.2 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 28.781 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW026509.D
 Acq: 01 Jul 2023 06:48

Tgt Ion:105 Resp: 1151975
 Ion Ratio Lower Upper
 105 100
 120 44.1 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 26.097 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW026509.D

Acq: 01 Jul 2023 06:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

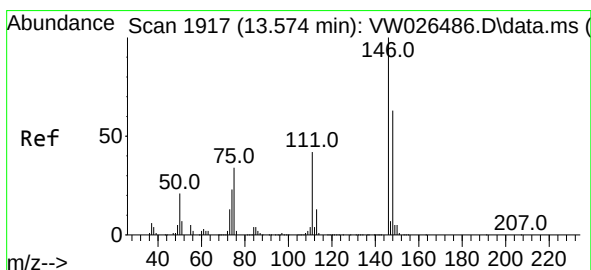
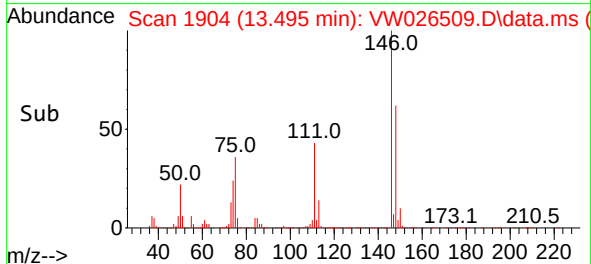
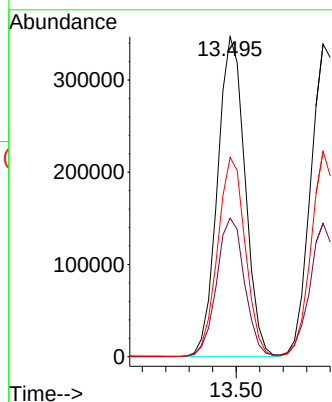
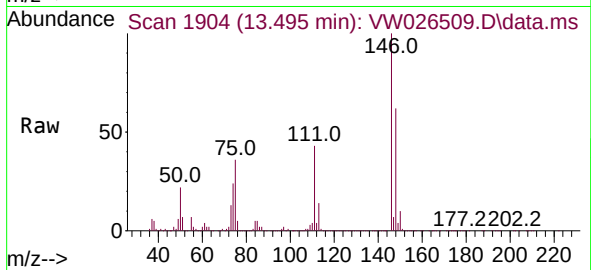
Tgt Ion:146 Resp: 564133

Ion Ratio Lower Upper

146 100

111 43.3 29.5 54.9

148 62.3 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 25.954 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW026509.D

Acq: 01 Jul 2023 06:48

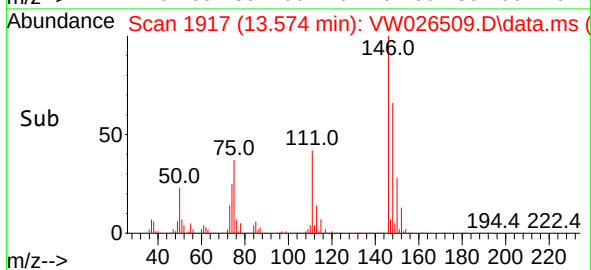
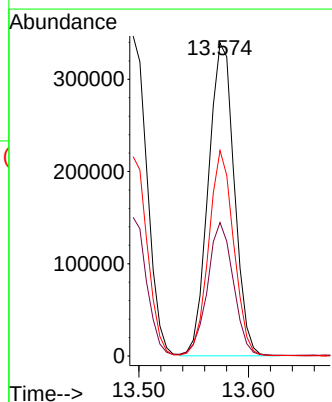
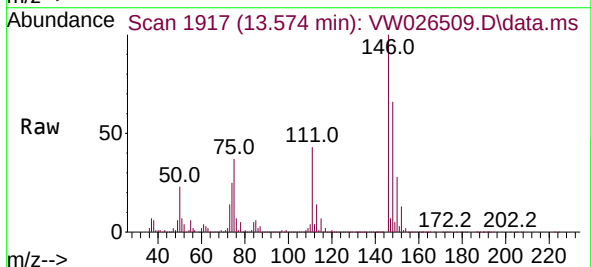
Tgt Ion:146 Resp: 558003

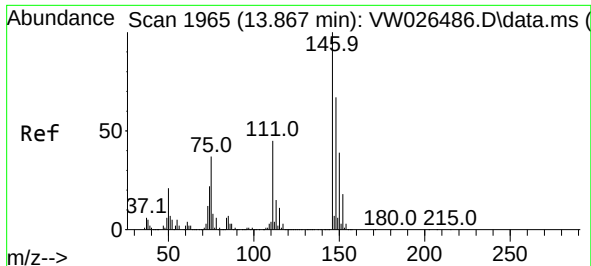
Ion Ratio Lower Upper

146 100

111 42.7 30.7 56.9

148 65.7 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 26.636 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026509.D

Acq: 01 Jul 2023 06:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

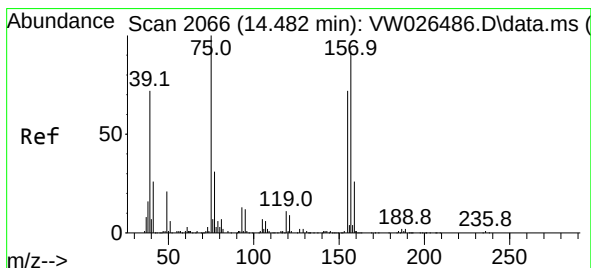
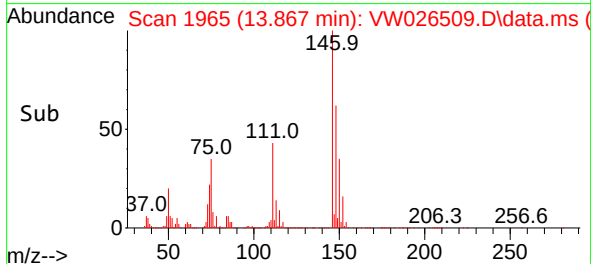
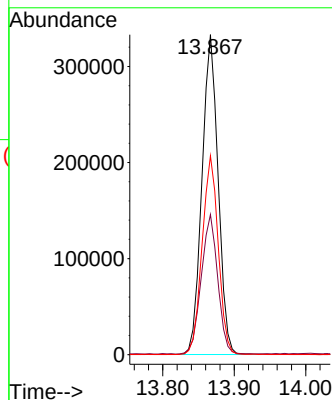
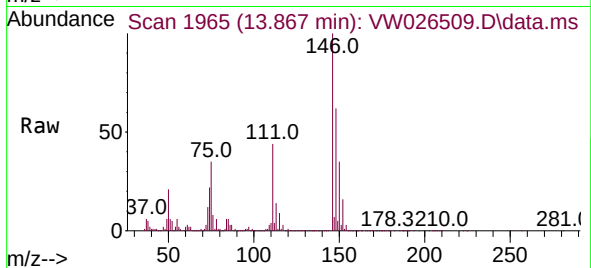
Tgt Ion:146 Resp: 521053

Ion Ratio Lower Upper

146 100

111 43.8 34.7 52.1

148 62.2 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 26.087 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW026509.D

Acq: 01 Jul 2023 06:48

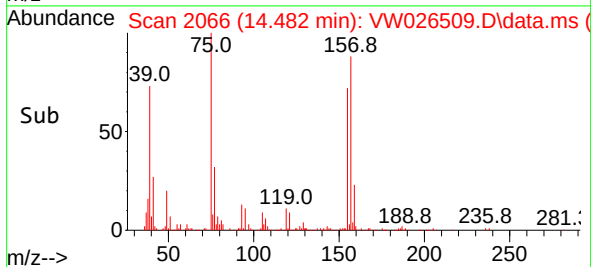
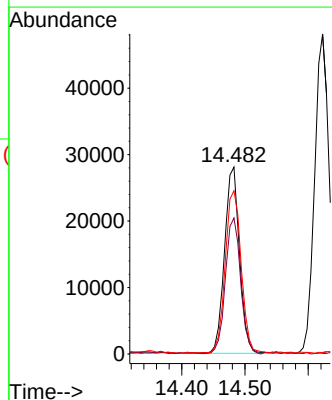
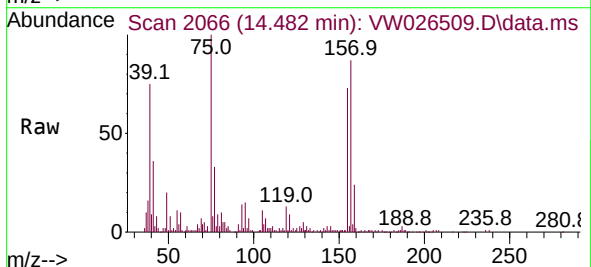
Tgt Ion: 75 Resp: 46154

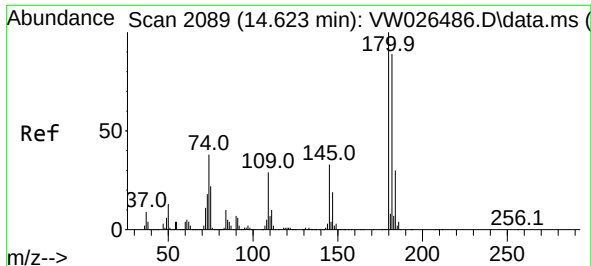
Ion Ratio Lower Upper

75 100

155 72.8 58.5 87.7

157 87.4 77.4 116.2

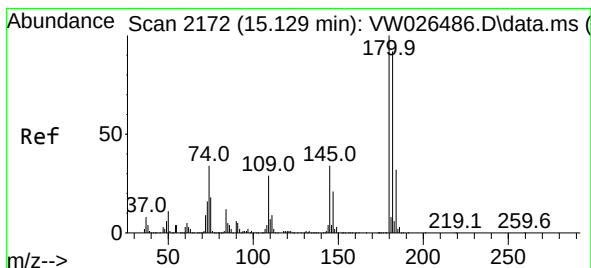
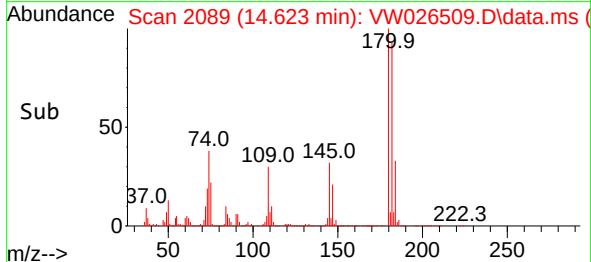
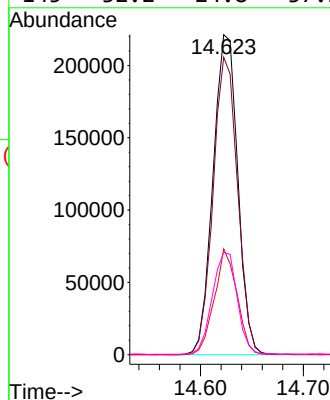
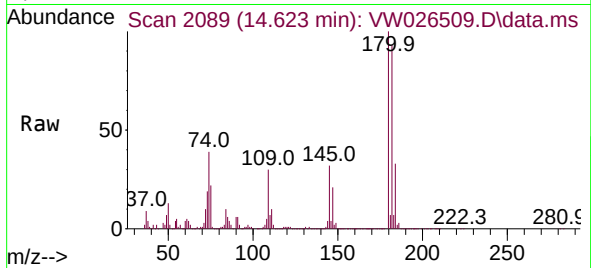




#69
1,3,5-Trichlorobenzene
Concen: 25.065 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

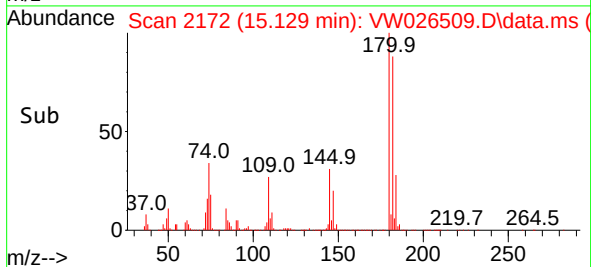
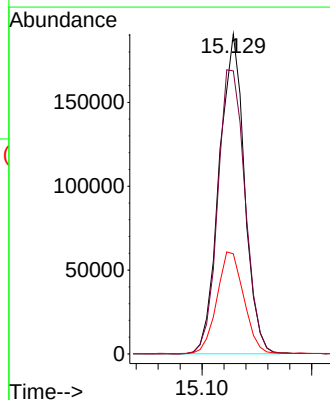
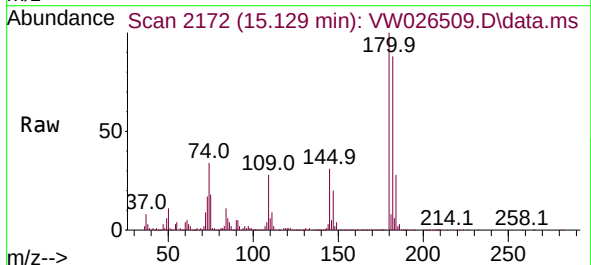
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

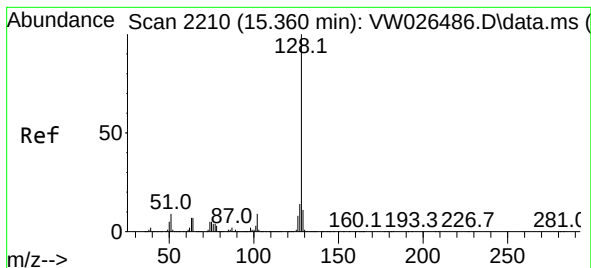
Tgt Ion:	180	Resp:	368848
Ion Ratio	Lower	Upper	
180	100		
182	92.3	74.5	111.7
184	30.4	23.8	35.6
145	32.2	24.8	37.2



#70
1,2,4-trichlorobenzene
Concen: 23.985 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026509.D
Acq: 01 Jul 2023 06:48

Tgt Ion:	180	Resp:	305487
Ion Ratio	Lower	Upper	
180	100		
182	96.0	75.5	113.3
145	33.8	26.2	39.2





#71

Naphthalene

Concen: 25.999 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026509.D

Acq: 01 Jul 2023 06:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

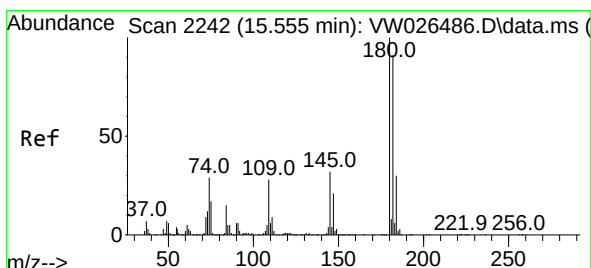
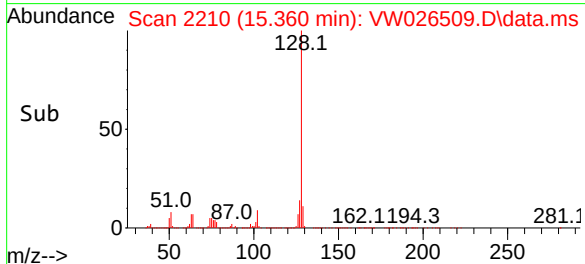
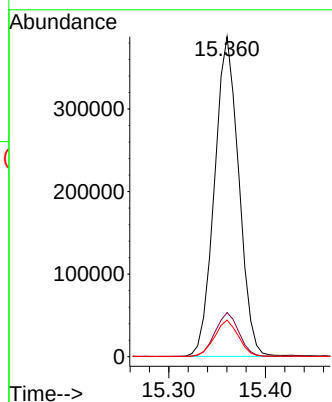
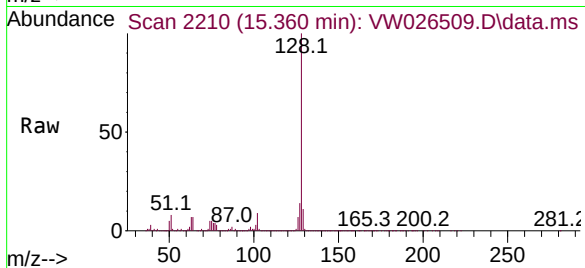
Tgt Ion:128 Resp: 674979

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 11.2 8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 22.642 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.006 min

Lab File: VW026509.D

Acq: 01 Jul 2023 06:48

Tgt Ion:180 Resp: 247992

Ion Ratio Lower Upper

180 100

182 97.7 75.7 113.5

145 34.9 27.0 40.6

