

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071123\
 Data File : VW026589.D
 Acq On : 11 Jul 2023 11:21
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025554

Quant Time: Jul 12 07:16:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 12 07:03:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	684968	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	585772	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	296664	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	230591	19.958	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.840%
7) Chloroethane-d5	2.893	69	173182	21.361	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.440%
11) 1,1-Dichloroethene-d2	4.021	65	112987	20.823	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.280%
21) 2-Butanone-d5	7.075	46	190050	50.896	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.800%
24) Chloroform-d	7.648	84	446695	22.651	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	8.307	65	248130	22.535	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.120%
32) Benzene-d6	8.276	84	932256	23.184	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.720%
36) 1,2-Dichloropropane-d6	9.270	67	285723	23.108	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.440%
41) Toluene-d8	10.325	98	809518	23.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.880%
43) trans-1,3-Dichloroprop...	10.574	79	115657	23.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.360%
47) 2-Hexanone-d5	10.922	63	137664	57.059	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	252297	24.096	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	246080	22.593	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	163071	21.105	ug/L	98
3) Chloromethane	2.222	50	245691	22.255	ug/L	99
5) Vinyl chloride	2.375	62	254486	21.872	ug/L	98
6) Bromomethane	2.789	94	139763	22.597	ug/L	98
8) Chloroethane	2.936	64	149420	22.967	ug/L	96
9) Trichlorofluoromethane	3.265	101	191238	22.191	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	219428	22.943	ug/L	99
12) 1,1-Dichloroethene	4.045	96	213918	23.313	ug/L	92
13) Acetone	4.118	43	137542	51.207	ug/L	96
14) Carbon disulfide	4.387	76	743118	23.102	ug/L	98
15) Methyl Acetate	4.667	43	166463	25.795	ug/L	99
16) Methylene chloride	4.923	84	239484	19.791	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	236784	24.134	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	390886	25.456	ug/L	99
19) 1,1-Dichloroethane	6.215	63	469675	23.944	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	248159	24.426	ug/L	99
22) 2-Butanone	7.167	43	219785	53.734	ug/L	99
23) Bromochloromethane	7.520	128	103687	23.826	ug/L	94
25) Chloroform	7.679	83	431937	24.033	ug/L	100

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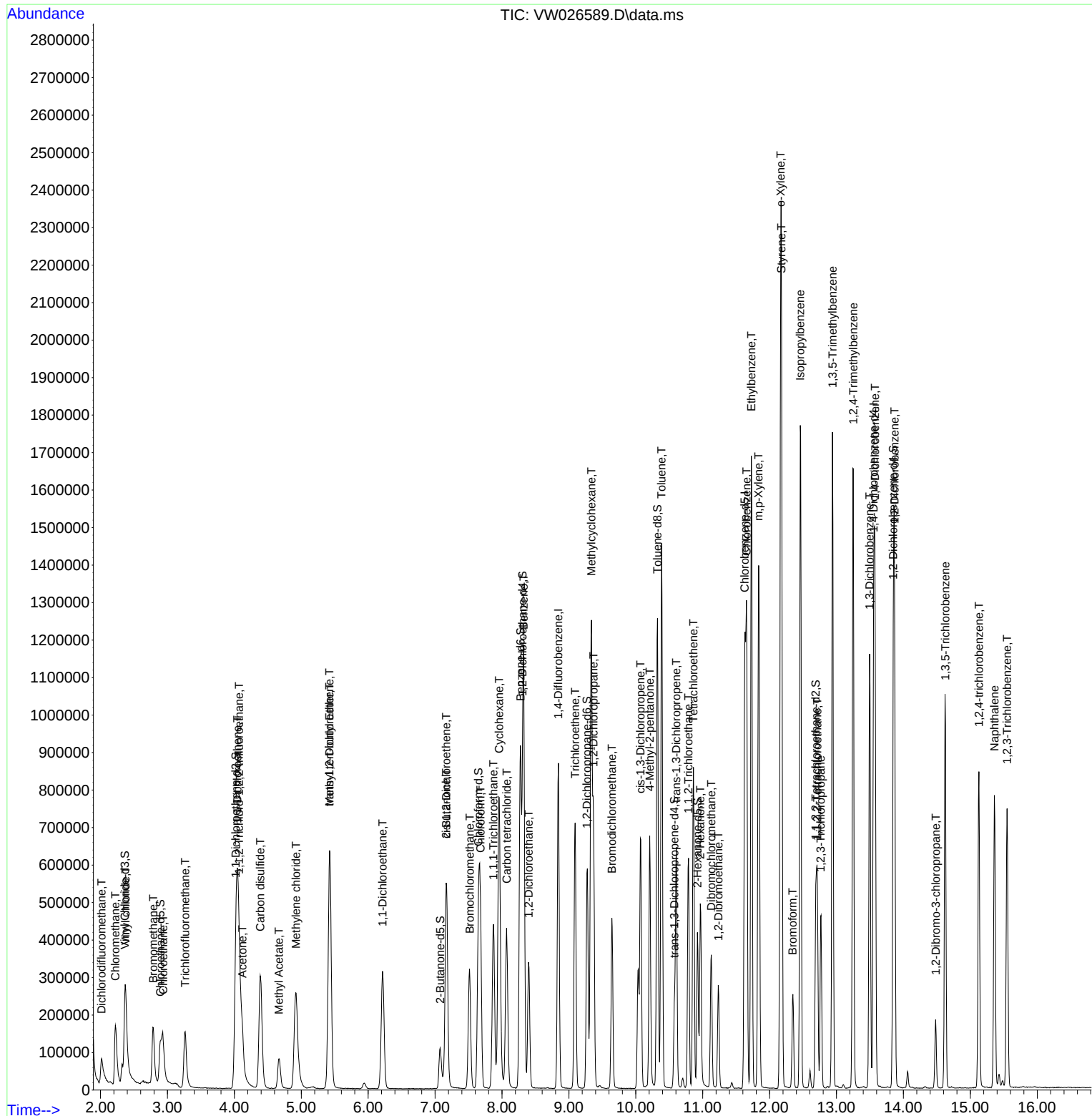
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	311372	24.610	ug/L	98
29) Cyclohexane	7.959	56	471363	25.845	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	358742	24.987	ug/L	99
31) Carbon tetrachloride	8.069	117	318731	24.456	ug/L	99
33) Benzene	8.325	78	993858	24.624	ug/L	100
34) Trichloroethene	9.093	95	256680	24.758	ug/L	95
35) Methylcyclohexane	9.337	83	485634	26.087	ug/L	99
37) 1,2-Dichloropropane	9.367	63	269404	25.135	ug/L	99
38) Bromodichloromethane	9.642	83	300687	24.692	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	392772	25.453	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	460458	56.917	ug/L	99
42) Toluene	10.385	91	1036398	25.427	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	340568	26.168	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	191283	25.570	ug/L	99
46) Tetrachloroethene	10.861	164	188120	25.559	ug/L	91
48) 2-Hexanone	10.965	43	323465	57.292	ug/L	96
49) Dibromochloromethane	11.129	129	183662	24.795	ug/L	98
50) 1,2-Dibromoethane	11.233	107	184354	26.143	ug/L	96
51) Chlorobenzene	11.654	112	607856	24.323	ug/L	99
52) Ethylbenzene	11.727	91	1158166	25.523	ug/L	98
53) m,p-Xylene	11.836	106	430048	26.050	ug/L	94
54) o-Xylene	12.166	106	395819	25.544	ug/L	97
55) Styrene	12.178	104	689751	26.390	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	256609	26.138	ug/L	99
59) Bromoform	12.342	173	113332	24.154	ug/L	95
60) Isopropylbenzene	12.458	105	1137643	24.785	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	198607	24.786	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	912228	25.912	ug/L	96
63) 1,2,4-Trimethylbenzene	13.251	105	891184	25.532	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	450826	23.407	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	447123	23.277	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	404950	23.757	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.482	75	47781	25.054	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.629	180	298015	23.382	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	248544	23.763	ug/L	98
71) Naphthalene	15.360	128	614145	25.928	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	234585	23.824	ug/L	99

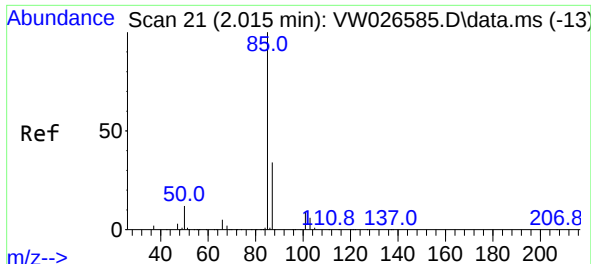
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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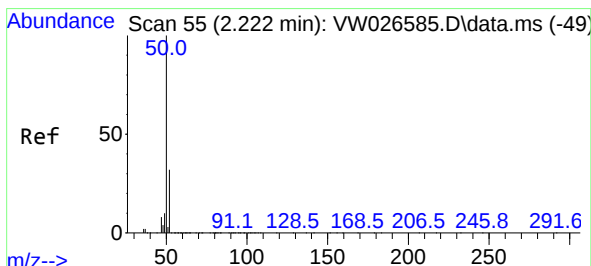
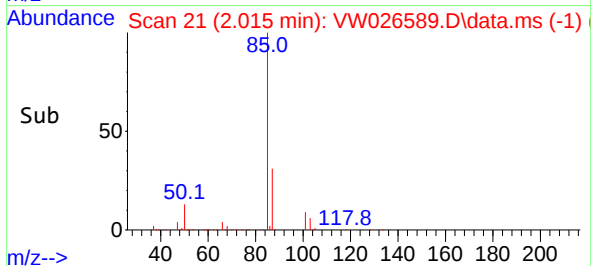
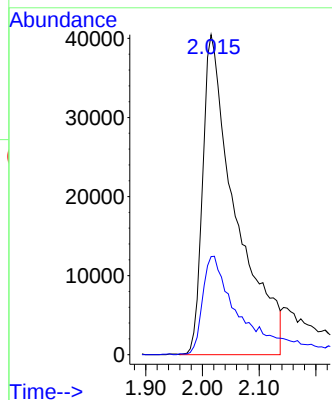
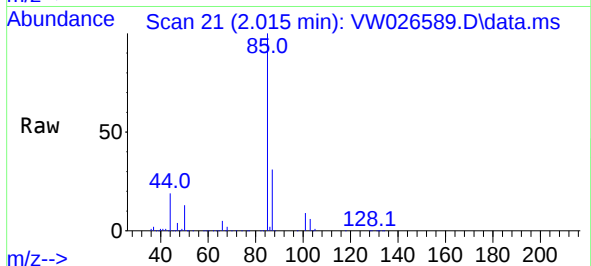




#2
Dichlorodifluoromethane
Concen: 21.105 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

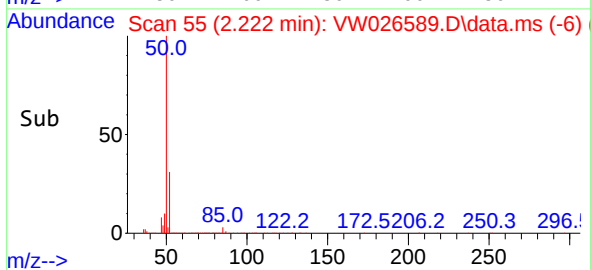
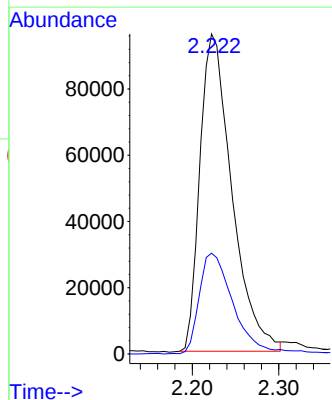
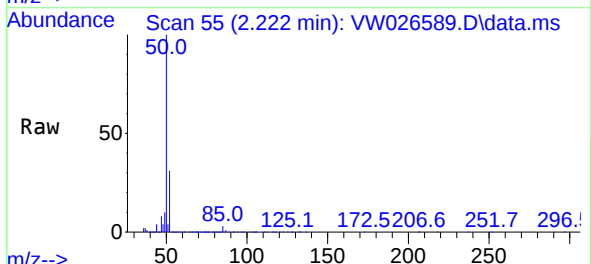
Instrument : MSVOA_W
ClientSampleId : VSTD025554

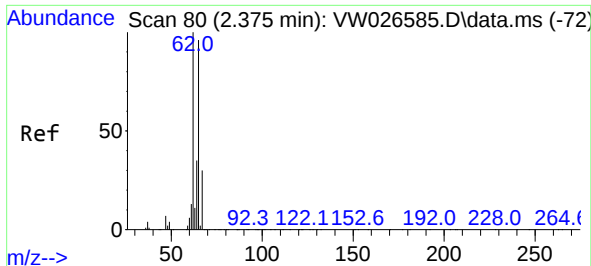
Tgt Ion: 85 Resp: 163071
Ion Ratio Lower Upper
85 100
87 27.9 21.4 32.0



#3
Chloromethane
Concen: 22.255 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion: 50 Resp: 245691
Ion Ratio Lower Upper
50 100
52 31.5 22.5 41.7

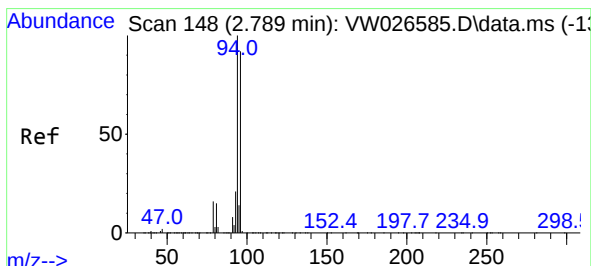
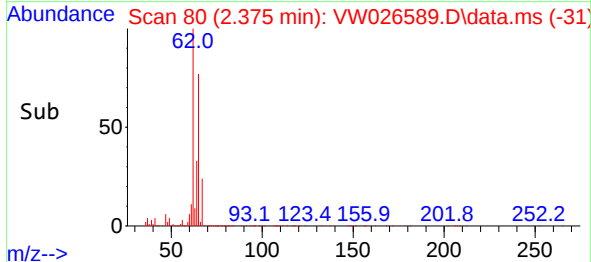
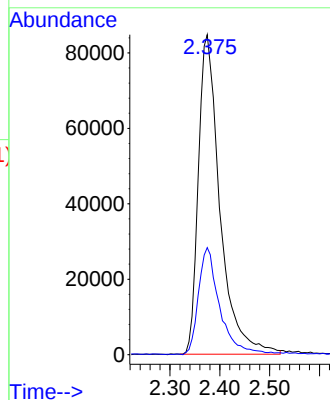
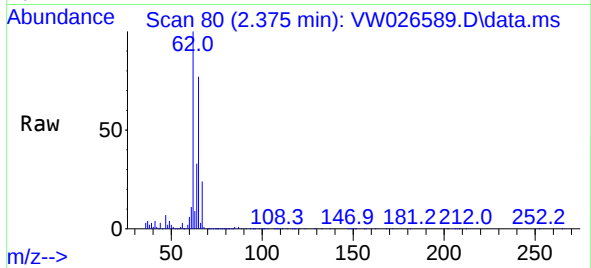




#5
Vinyl chloride
Concen: 21.872 ug/L
RT: 2.375 min Scan# 80
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

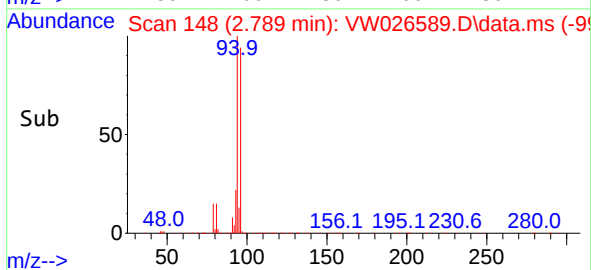
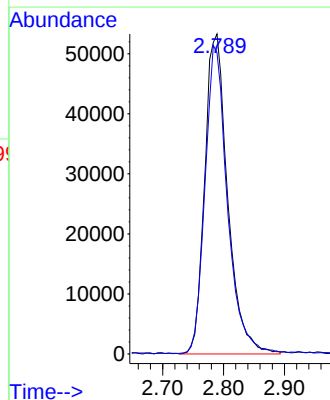
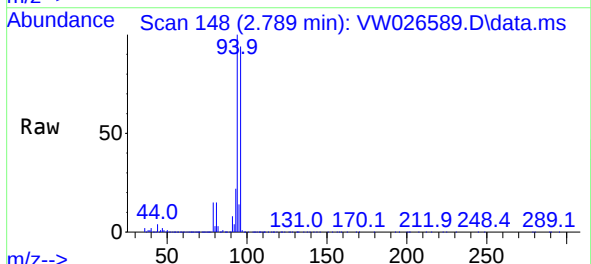
Instrument :
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ClientSampleId :
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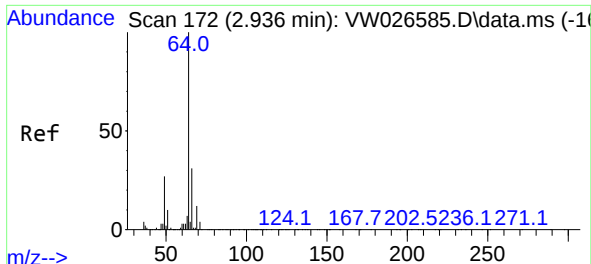
Tgt Ion: 62 Resp: 254486
Ion Ratio Lower Upper
62 100
64 33.5 24.2 45.0



#6
Bromomethane
Concen: 22.597 ug/L
RT: 2.789 min Scan# 148
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion: 94 Resp: 139763
Ion Ratio Lower Upper
94 100
96 94.2 64.5 119.9

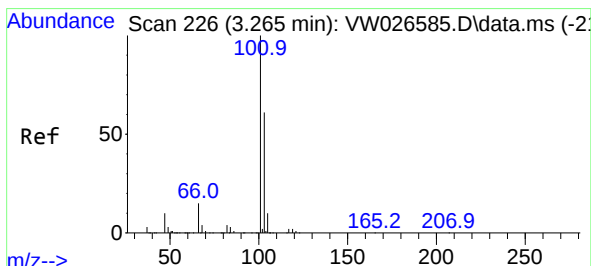
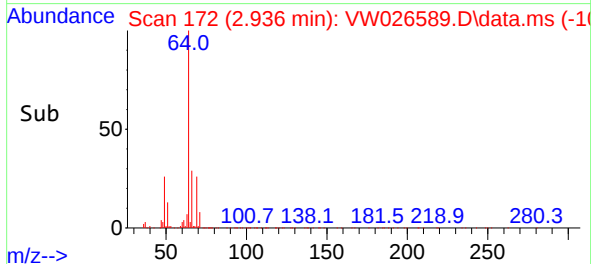
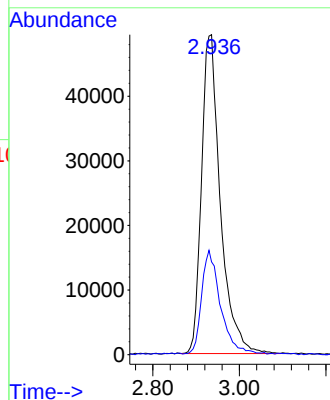
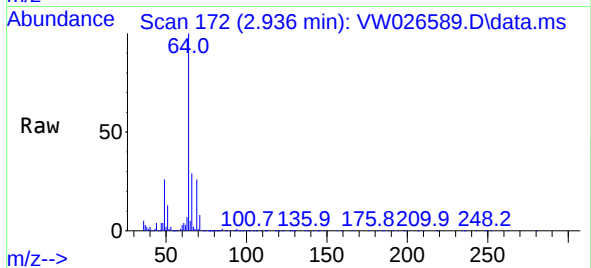




#8
Chloroethane
Concen: 22.967 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

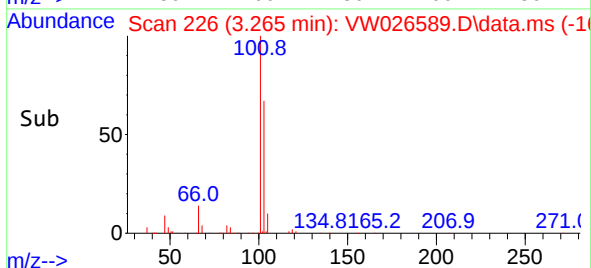
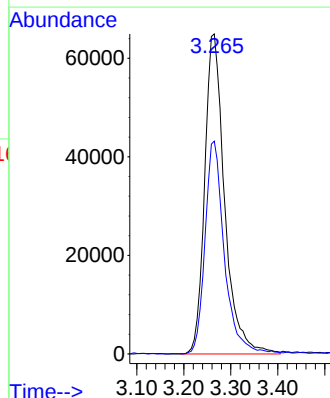
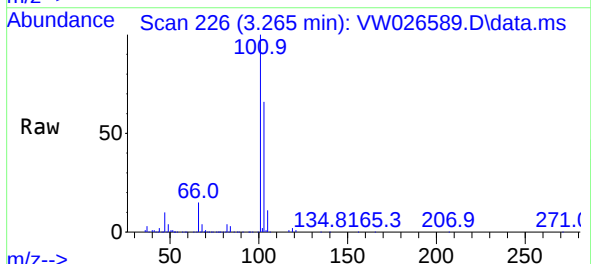
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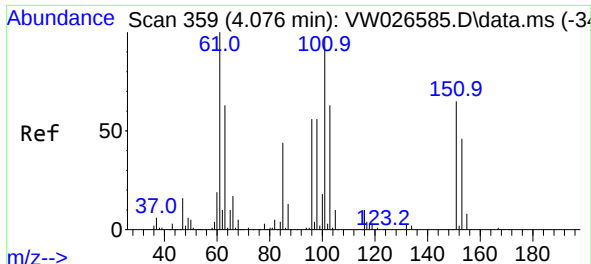
Tgt Ion: 64 Resp: 149420
Ion Ratio Lower Upper
64 100
66 29.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.191 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion: 101 Resp: 191238
Ion Ratio Lower Upper
101 100
103 63.8 50.3 75.5

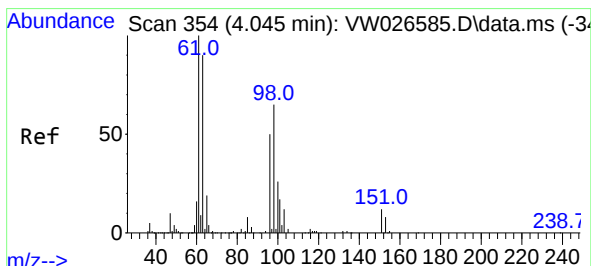
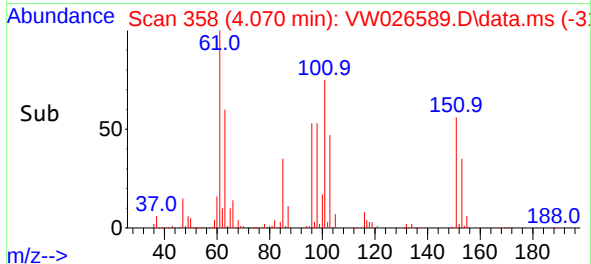
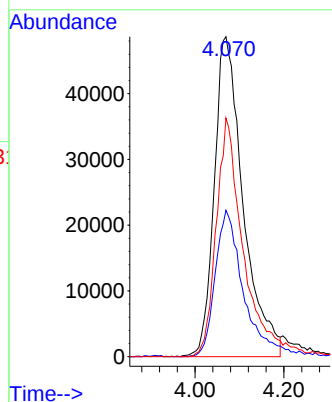
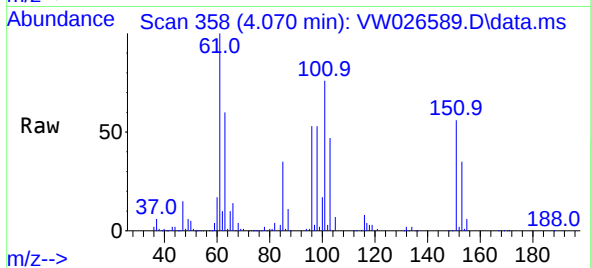




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.943 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW026589.D
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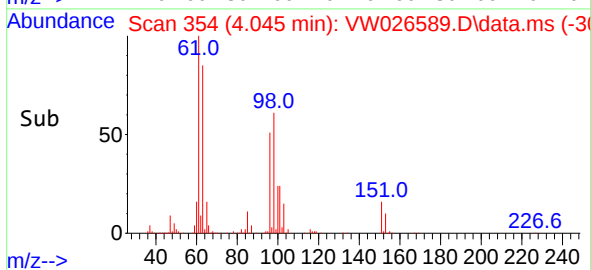
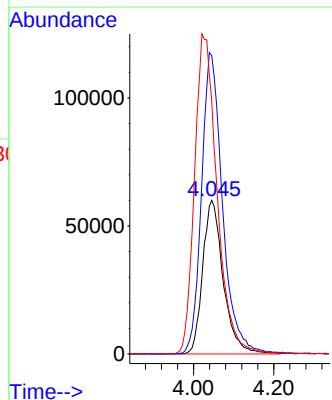
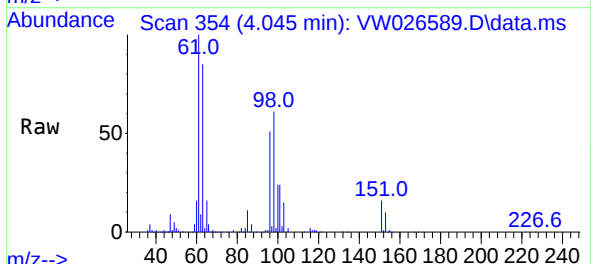
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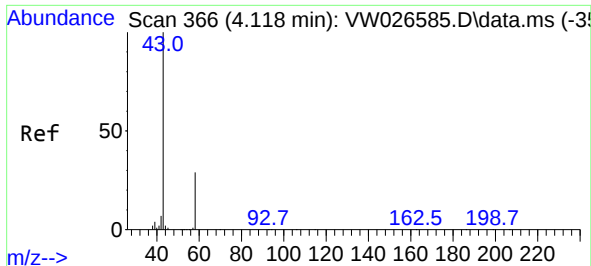
Tgt Ion:101 Resp: 219428
 Ion Ratio Lower Upper
 101 100
 85 44.8 36.1 54.1
 151 68.4 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 23.313 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026589.D
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Tgt Ion: 96 Resp: 213918
 Ion Ratio Lower Upper
 96 100
 61 194.4 140.8 261.4
 63 165.0 127.7 237.3

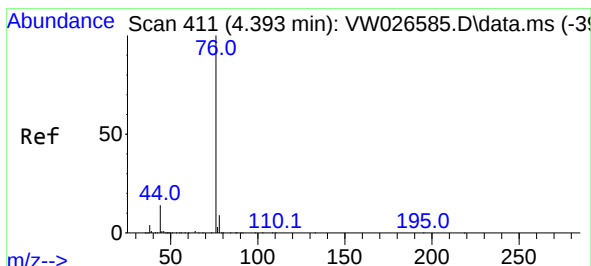
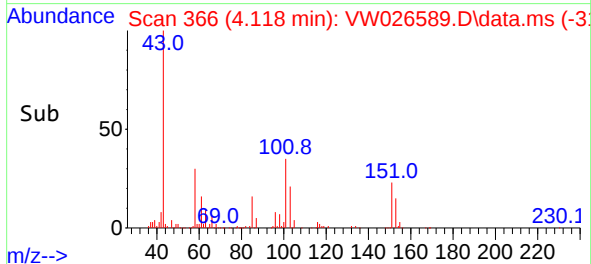
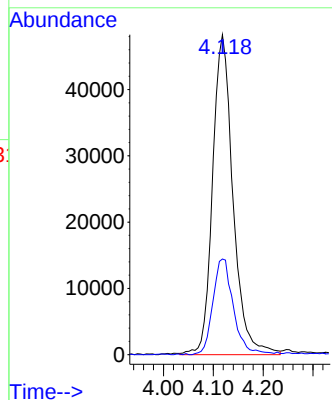
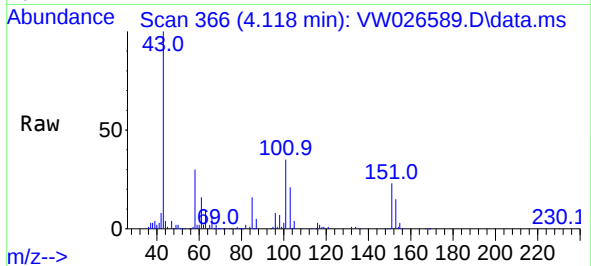




#13
Acetone
Concen: 51.207 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW026589.D
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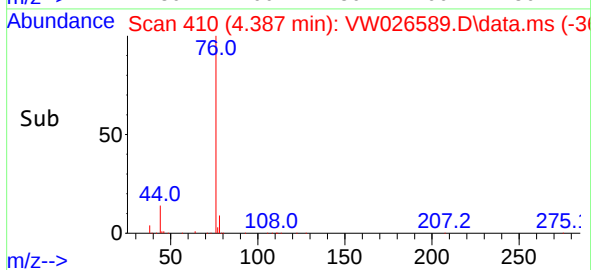
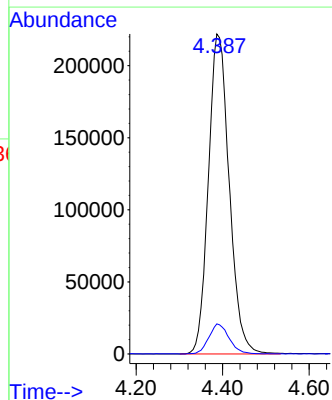
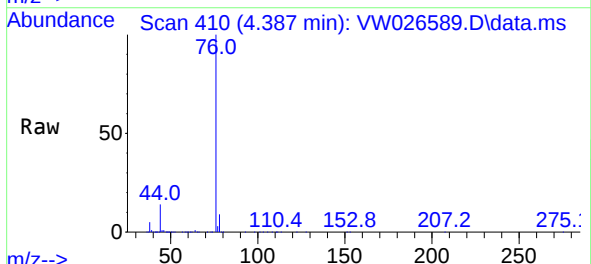
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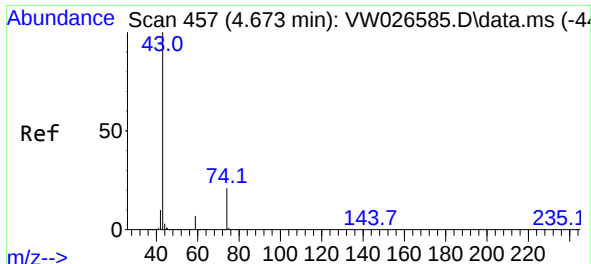
Tgt Ion: 43 Resp: 137542
Ion Ratio Lower Upper
43 100
58 29.2 0.0 63.2



#14
Carbon disulfide
Concen: 23.102 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion: 76 Resp: 743118
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3

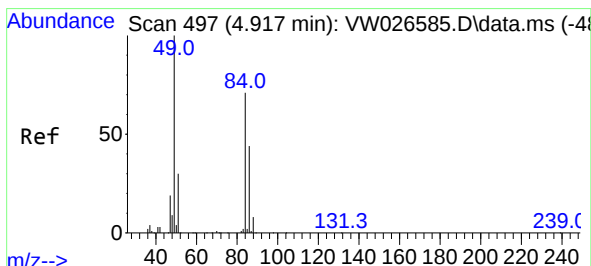
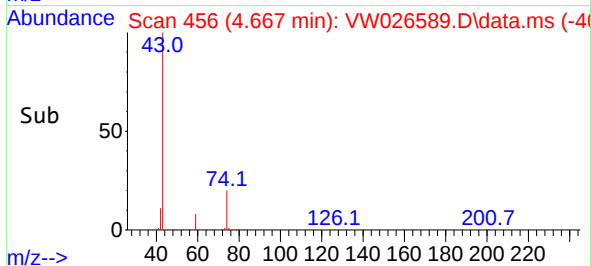
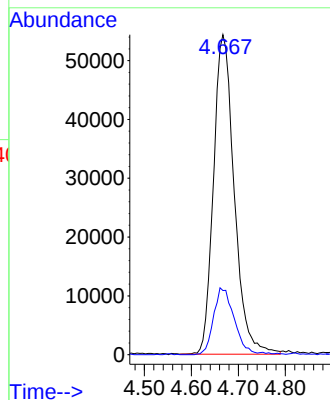
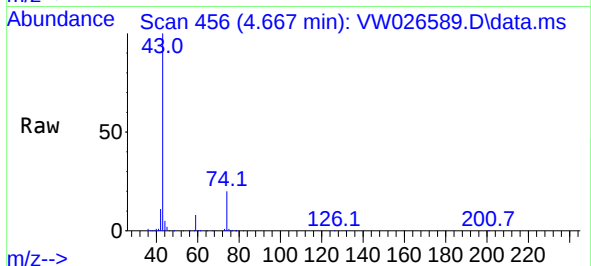




#15
Methyl Acetate
Concen: 25.795 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

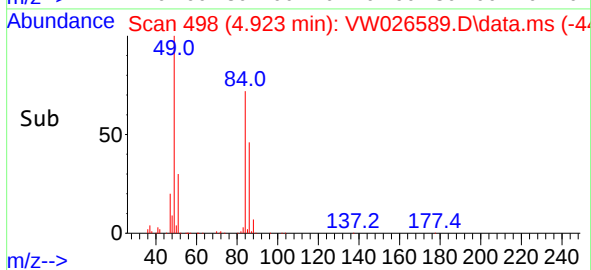
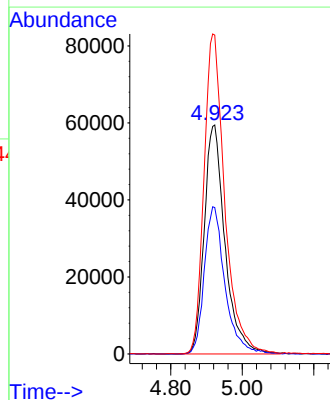
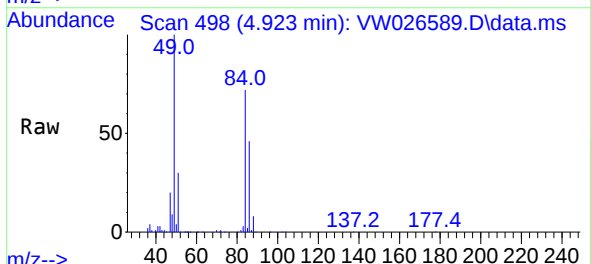
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

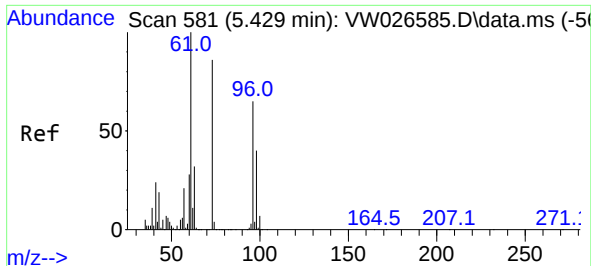
Tgt Ion: 43 Resp: 166463
Ion Ratio Lower Upper
43 100
74 20.6 16.3 24.5



#16
Methylene chloride
Concen: 19.791 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion: 84 Resp: 239484
Ion Ratio Lower Upper
84 100
86 64.0 43.8 81.3
49 139.3 99.2 184.2

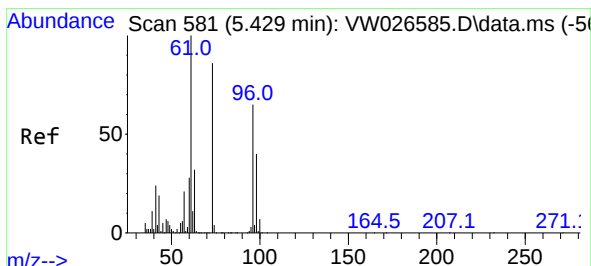
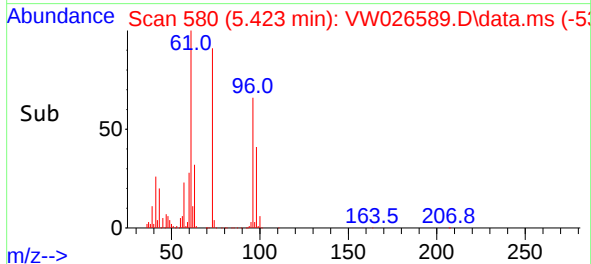
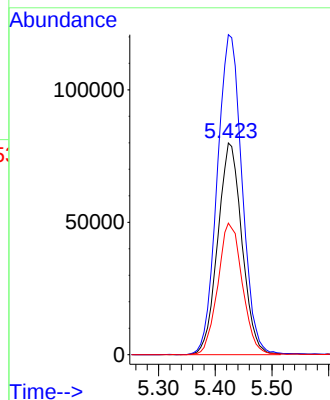
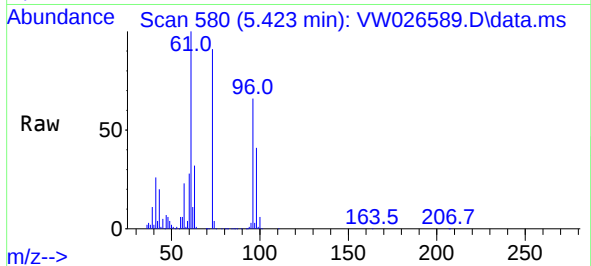




#17
trans-1,2-Dichloroethene
Concen: 24.134 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

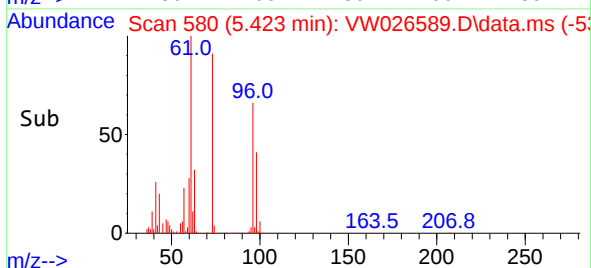
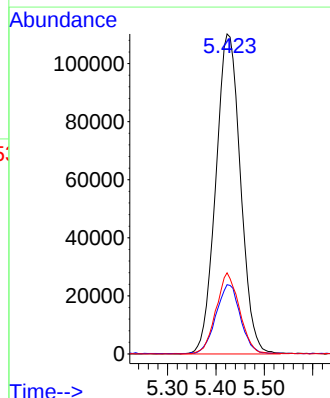
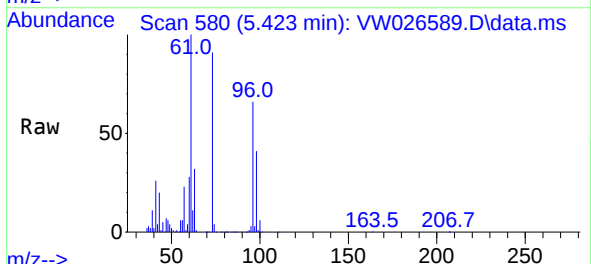
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

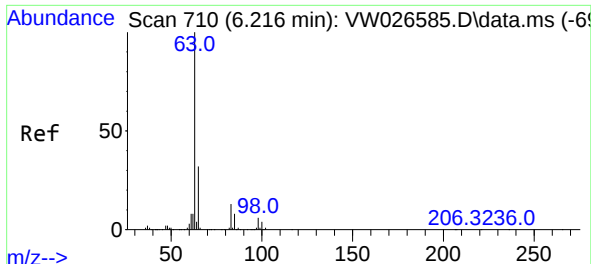
Tgt Ion: 96 Resp: 236784
Ion Ratio Lower Upper
96 100
61 151.1 108.1 200.9
98 62.1 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 25.456 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion: 73 Resp: 390886
Ion Ratio Lower Upper
73 100
43 21.4 17.4 26.2
57 24.0 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.944 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026589.D

Acq: 11 Jul 2023 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025554

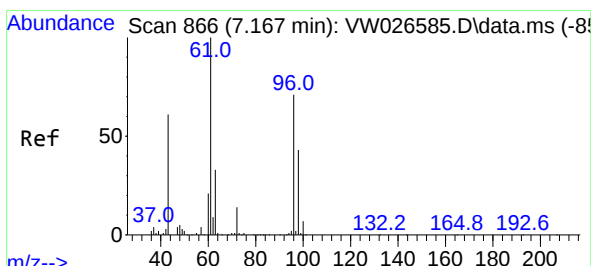
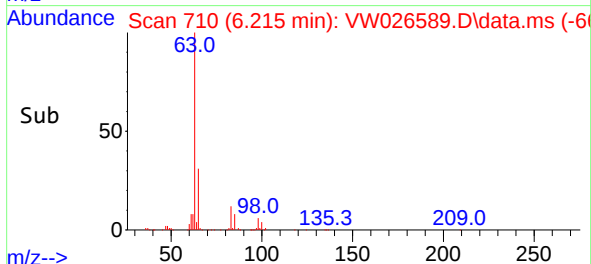
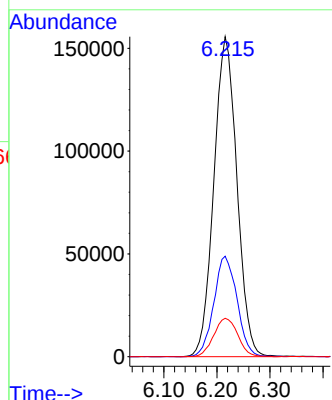
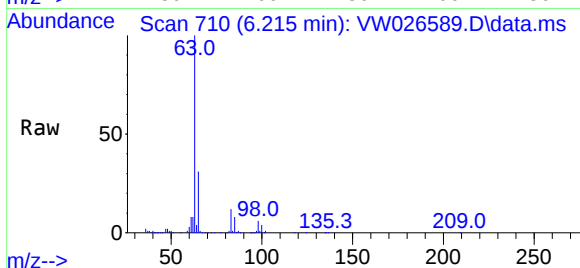
Tgt Ion: 63 Resp: 469675

Ion Ratio Lower Upper

63 100

65 31.4 22.3 41.5

83 12.0 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 24.426 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW026589.D

Acq: 11 Jul 2023 11:21

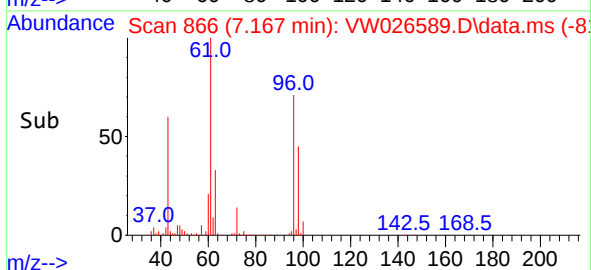
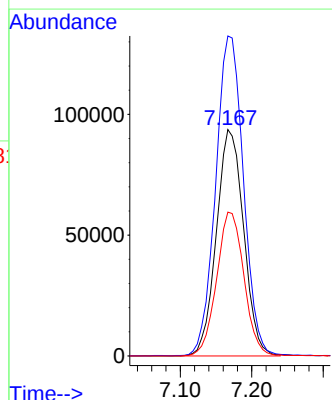
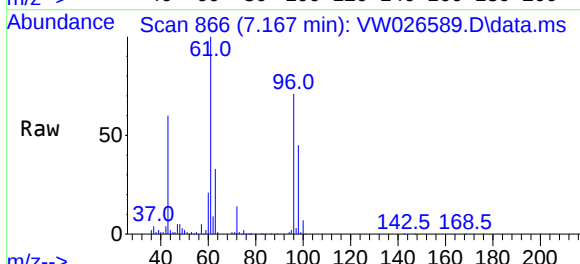
Tgt Ion: 96 Resp: 248159

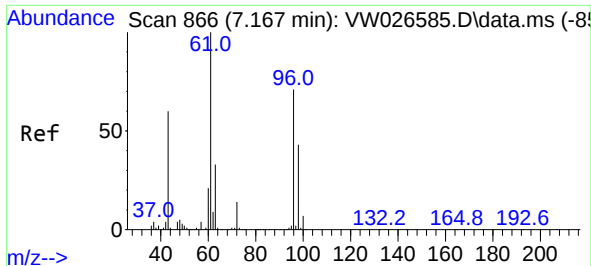
Ion Ratio Lower Upper

96 100

61 141.4 98.8 183.6

98 63.5 42.4 78.6

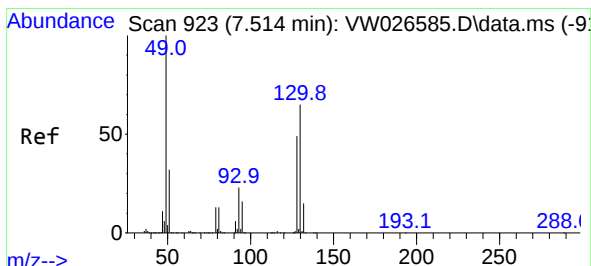
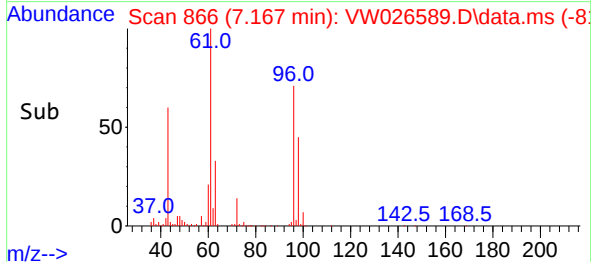
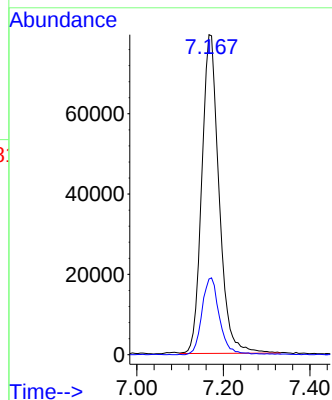
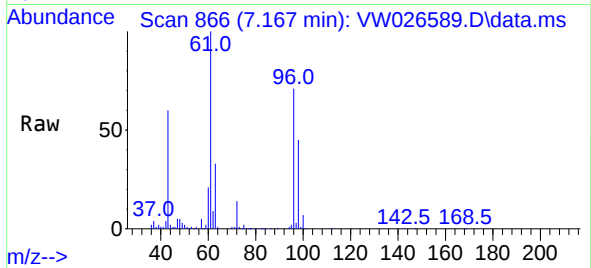




#22
2-Butanone
Concen: 53.734 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

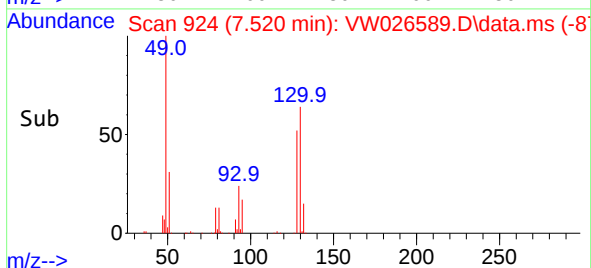
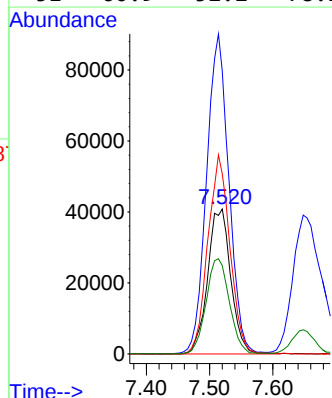
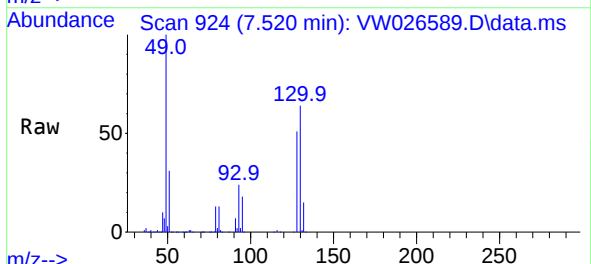
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

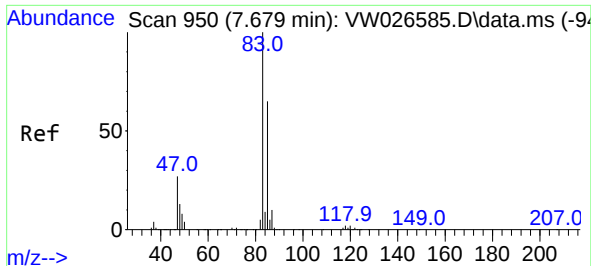
Tgt Ion: 43 Resp: 219785
Ion Ratio Lower Upper
43 100
72 24.2 11.9 35.5



#23
Bromochloromethane
Concen: 23.826 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion: 128 Resp: 103687
Ion Ratio Lower Upper
128 100
49 195.0 142.1 263.9
130 124.2 92.9 172.5
51 60.9 52.2 78.2

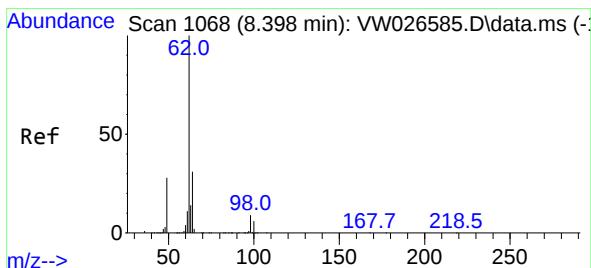
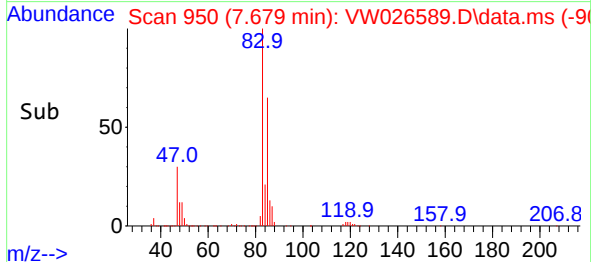
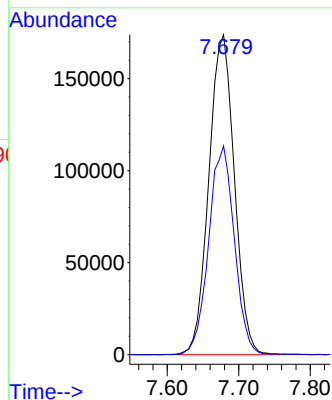
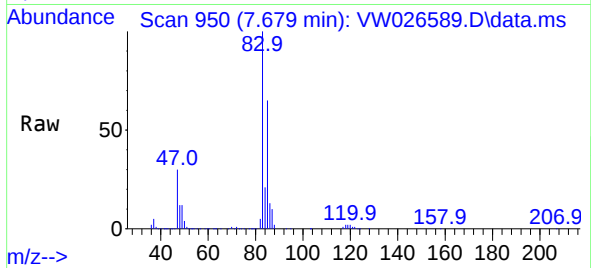




#25
Chloroform
Concen: 24.033 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

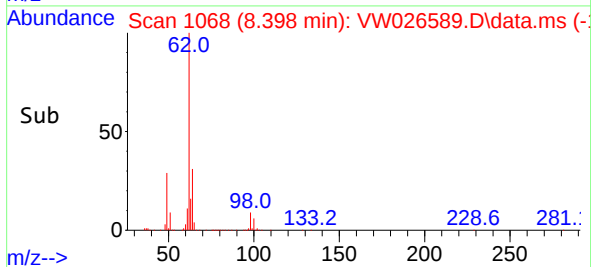
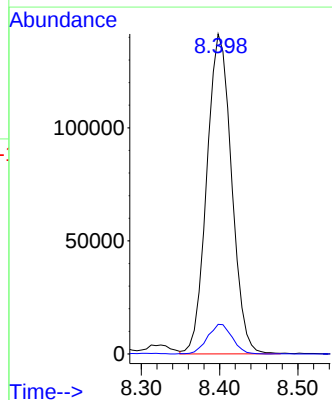
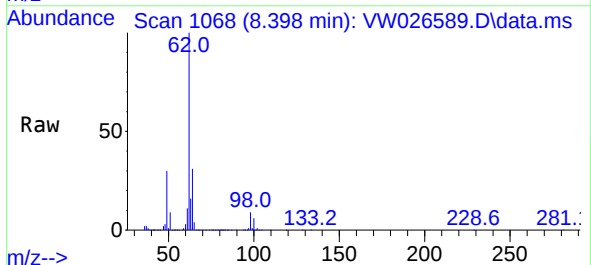
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

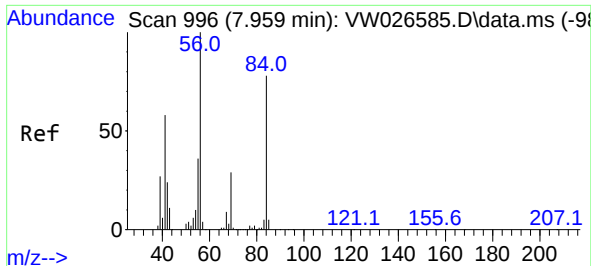
Tgt Ion: 83 Resp: 431937
Ion Ratio Lower Upper
83 100
85 65.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 24.610 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

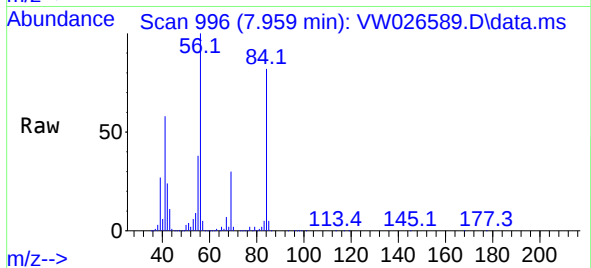
Tgt Ion: 62 Resp: 311372
Ion Ratio Lower Upper
62 100
98 9.3 6.7 10.1



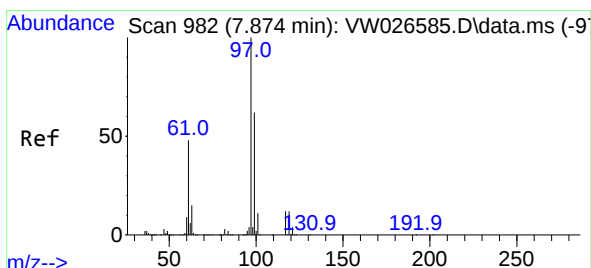
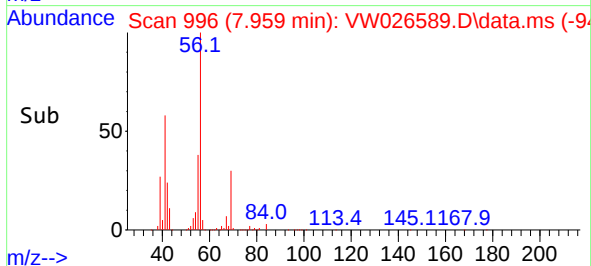
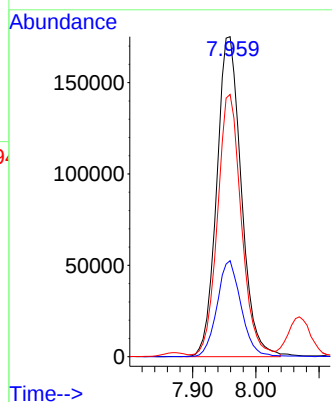


#29
Cyclohexane
Concen: 25.845 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

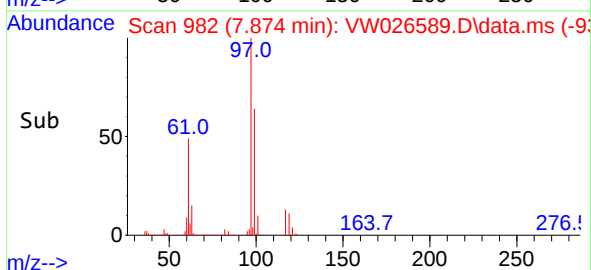
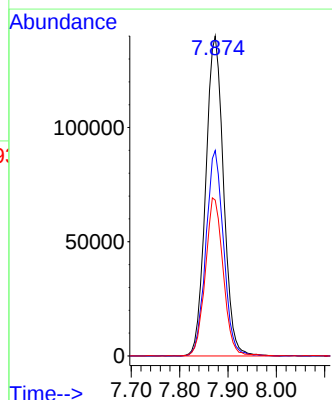
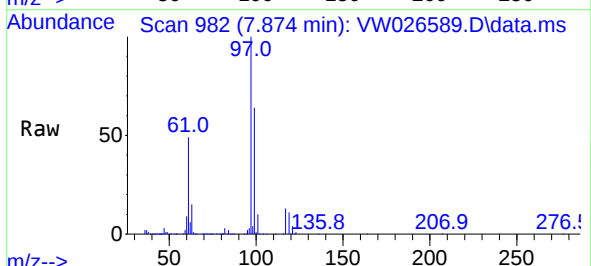


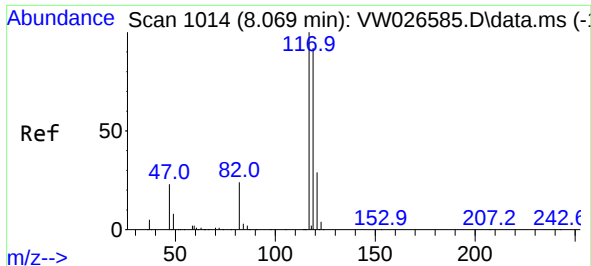
Tgt Ion: 56 Resp: 471363
Ion Ratio Lower Upper
56 100
69 29.4 23.4 35.0
84 79.6 62.6 94.0



#30
1,1,1-Trichloroethane
Concen: 24.987 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion: 97 Resp: 358742
Ion Ratio Lower Upper
97 100
99 63.6 49.9 74.9
61 49.3 39.8 59.8

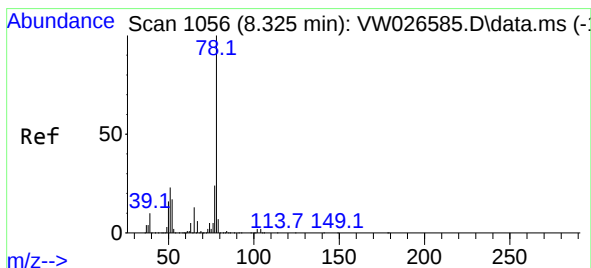
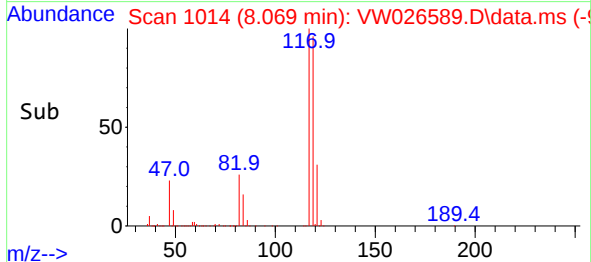
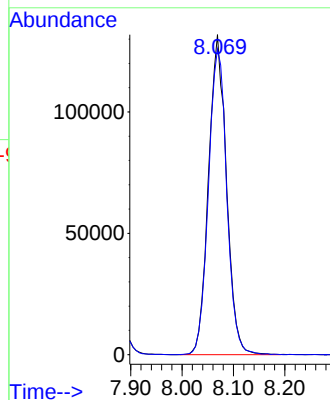
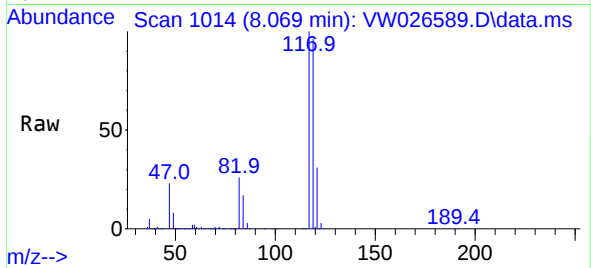




#31
Carbon tetrachloride
Concen: 24.456 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

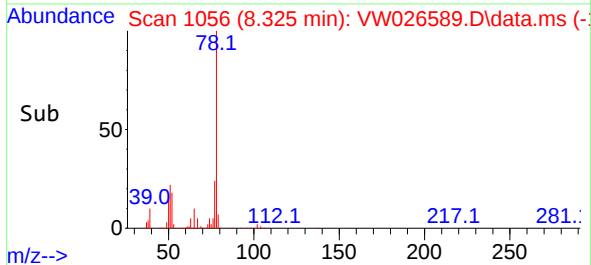
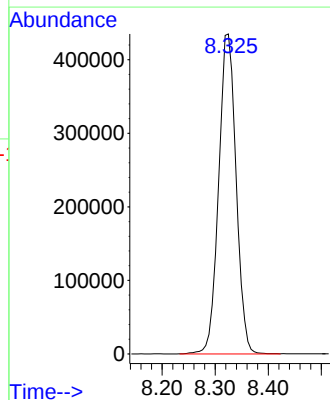
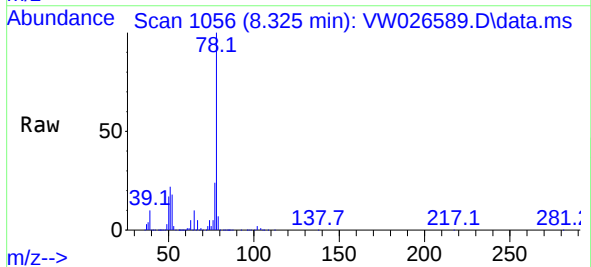
Instrument : MSVOA_W
ClientSampleId : VSTD025554

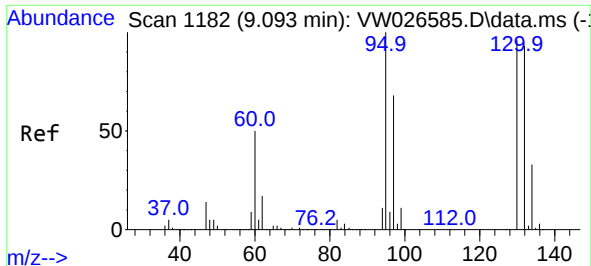
Tgt Ion:117 Resp: 318731
Ion Ratio Lower Upper
117 100
119 97.8 77.1 115.7



#33
Benzene
Concen: 24.624 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion: 78 Resp: 993858

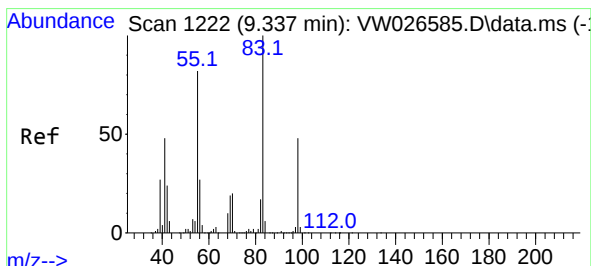
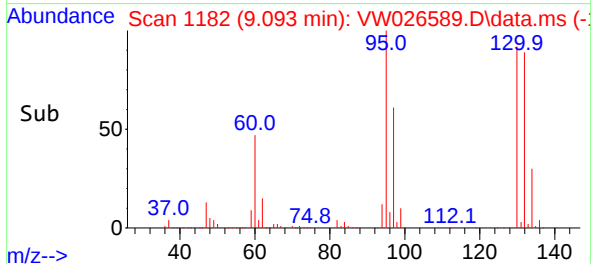
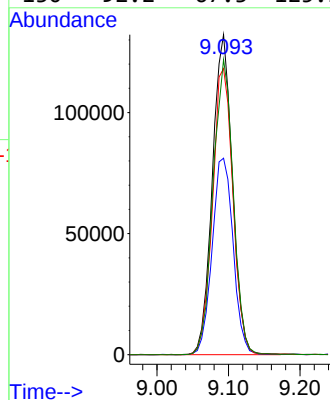
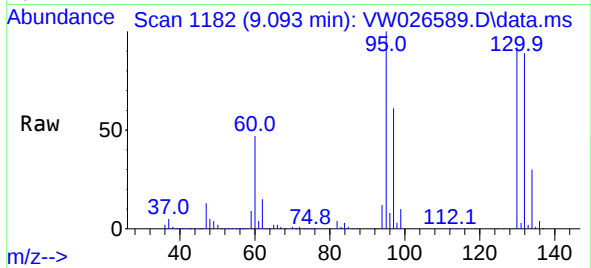




#34
Trichloroethene
Concen: 24.758 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

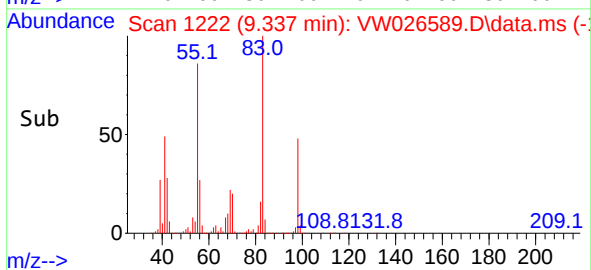
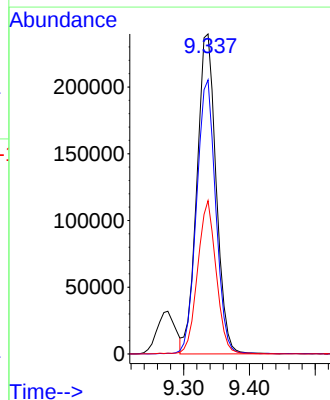
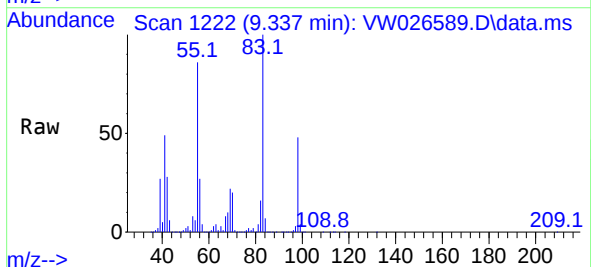
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

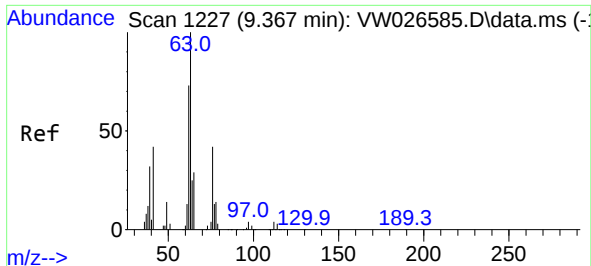
Tgt Ion: 95 Resp: 256680
Ion Ratio Lower Upper
95 100
97 61.4 47.9 88.9
132 89.4 65.0 120.8
130 92.2 67.3 125.1



#35
Methylcyclohexane
Concen: 26.087 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion: 83 Resp: 485634
Ion Ratio Lower Upper
83 100
55 85.4 68.7 103.1
98 46.1 37.3 55.9





#37

1,2-Dichloropropane

Concen: 25.135 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026589.D

Acq: 11 Jul 2023 11:21

Instrument :

MSVOA_W

ClientSampleId :

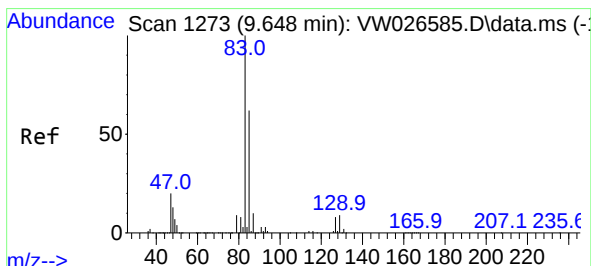
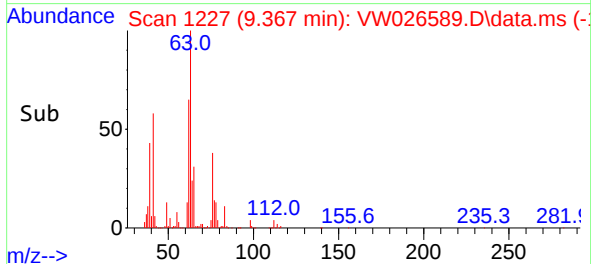
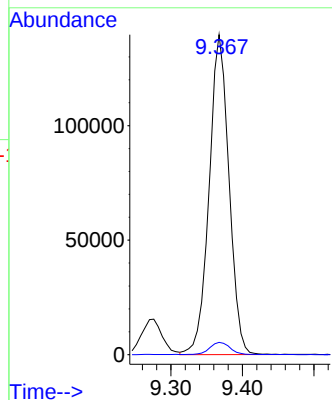
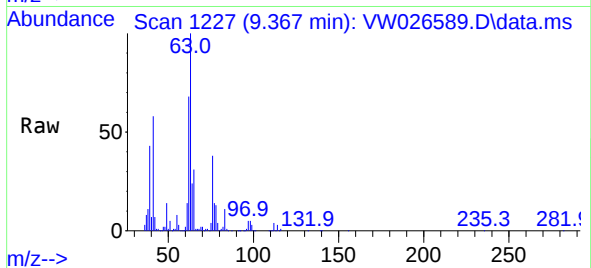
VSTD025554

Tgt Ion: 63 Resp: 269404

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 24.692 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW026589.D

Acq: 11 Jul 2023 11:21

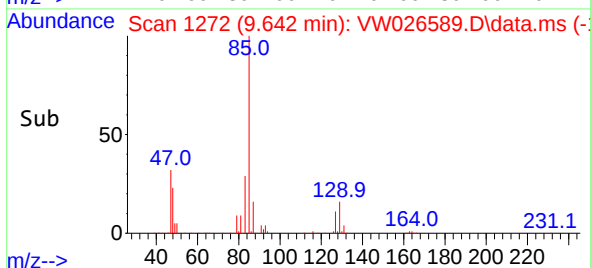
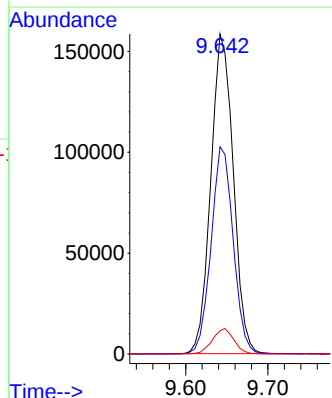
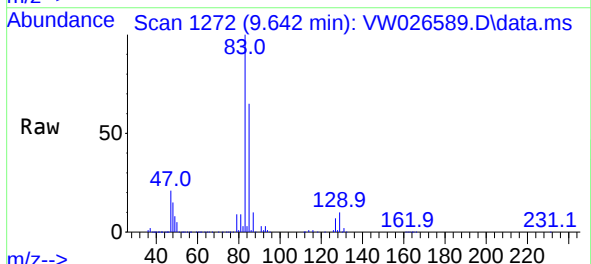
Tgt Ion: 83 Resp: 300687

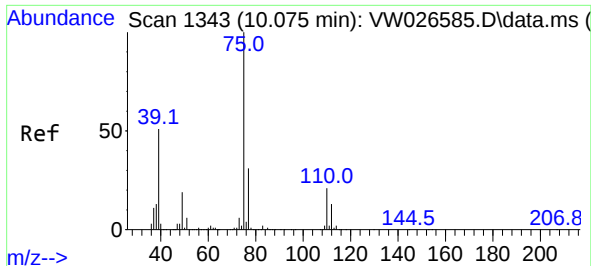
Ion Ratio Lower Upper

83 100

85 64.7 43.3 80.3

127 7.3 6.6 10.0

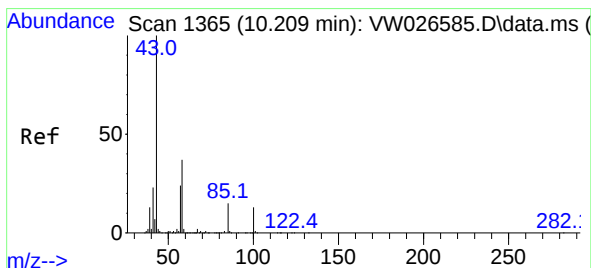
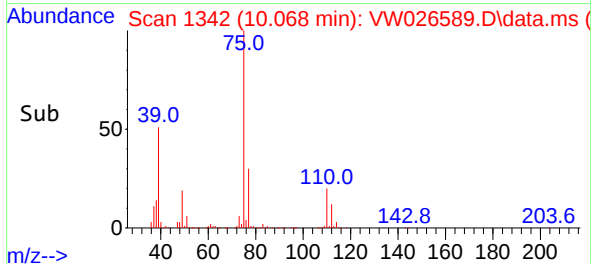
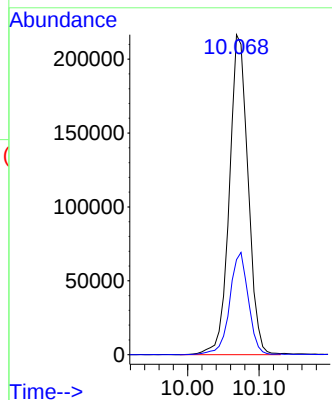
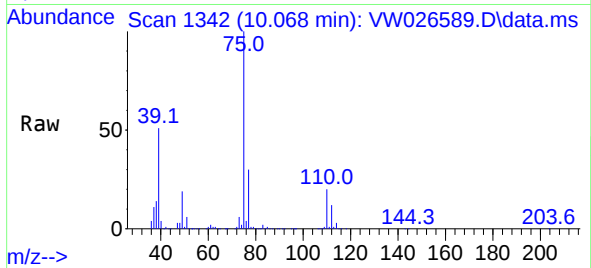




#39
cis-1,3-Dichloropropene
Concen: 25.453 ug/L
RT: 10.068 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

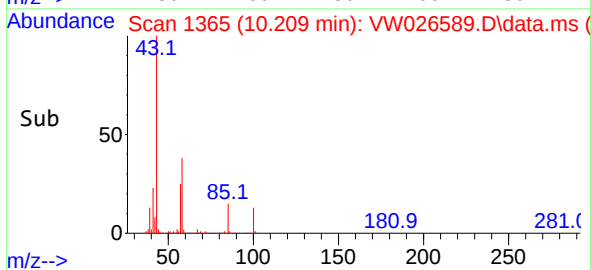
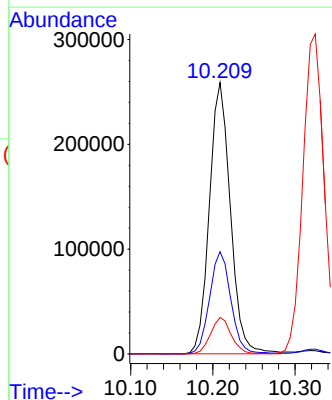
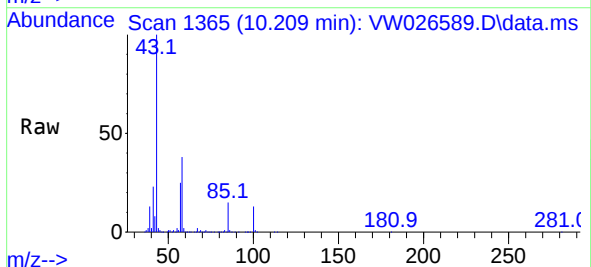
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

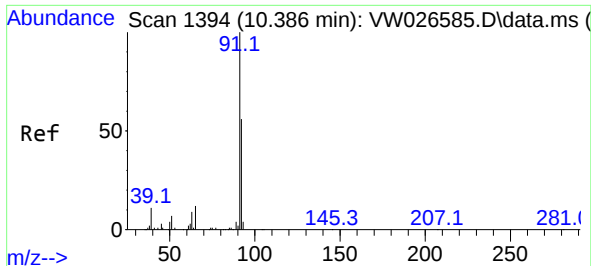
Tgt Ion: 75 Resp: 392772
Ion Ratio Lower Upper
75 100
77 29.7 21.4 39.8



#40
4-Methyl-2-pentanone
Concen: 56.917 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion: 43 Resp: 460458
Ion Ratio Lower Upper
43 100
58 38.3 29.8 44.8
100 13.3 10.7 16.1

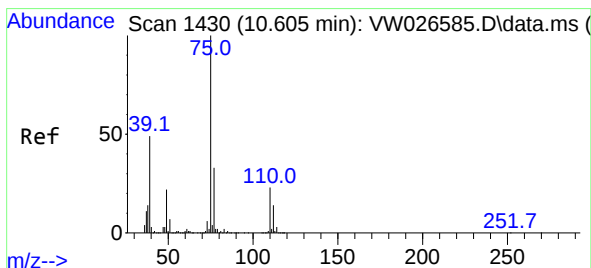
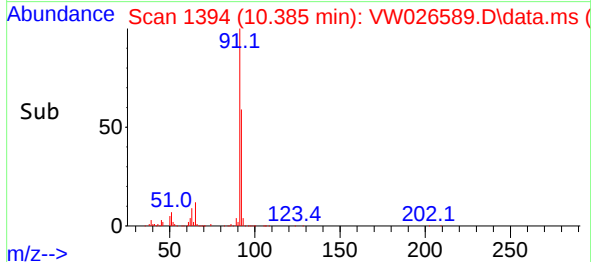
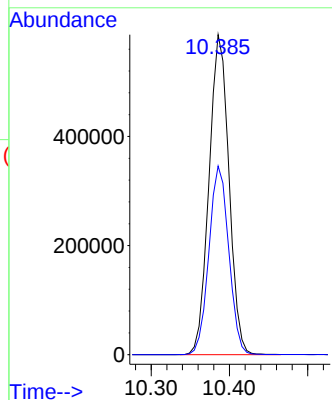
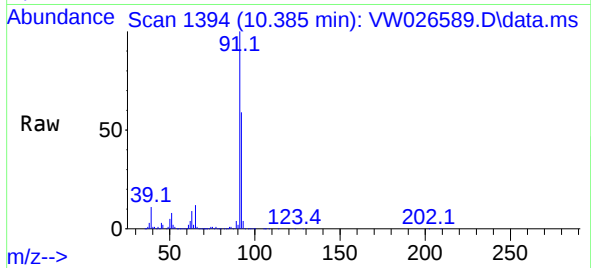




#42
Toluene
Concen: 25.427 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

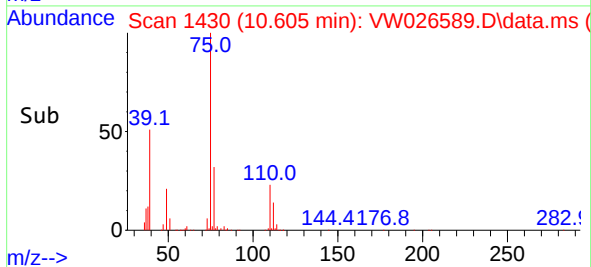
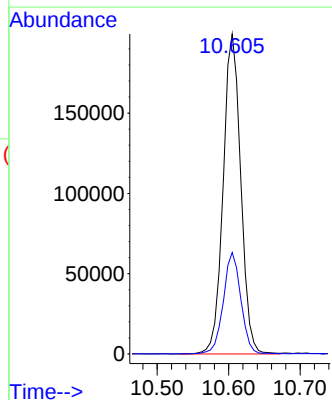
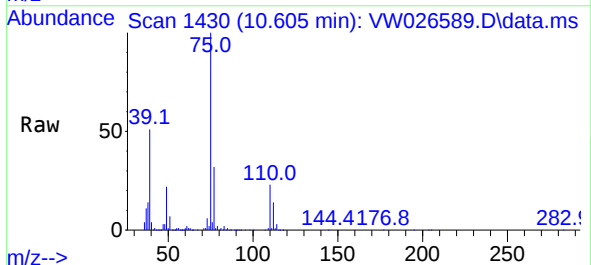
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

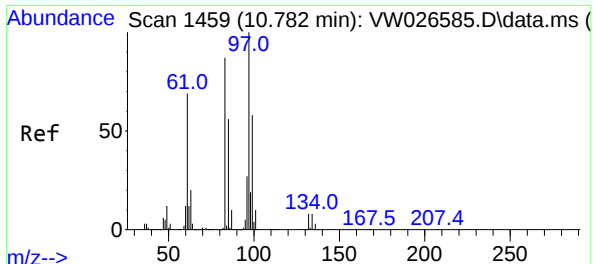
Tgt Ion: 91 Resp: 1036398
Ion Ratio Lower Upper
91 100
92 58.9 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 26.168 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion: 75 Resp: 340568
Ion Ratio Lower Upper
75 100
77 31.7 23.0 42.6



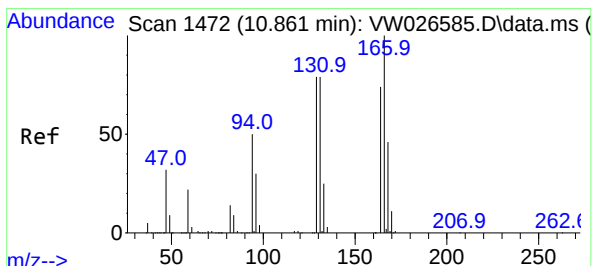
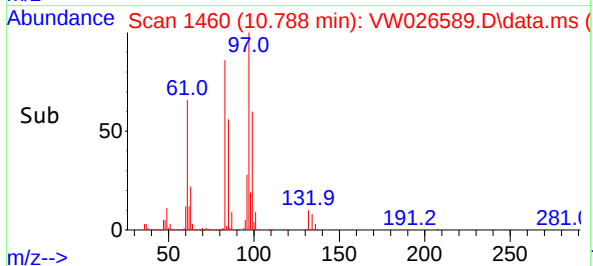
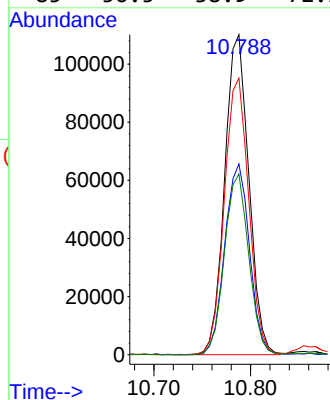
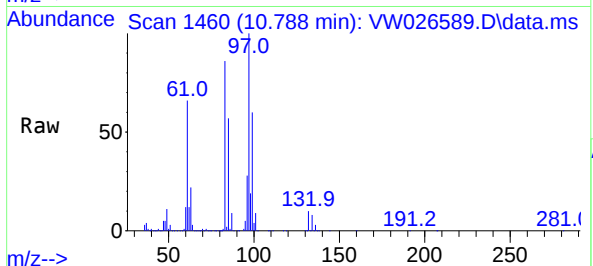


#45
1,1,2-Trichloroethane
Concen: 25.570 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

Tgt Ion: 97 Resp: 191283

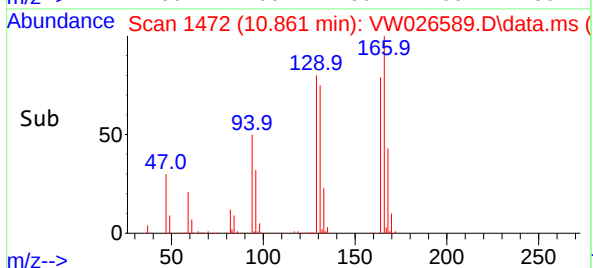
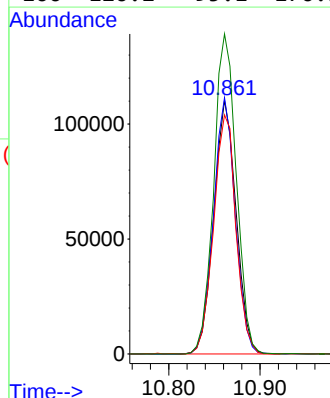
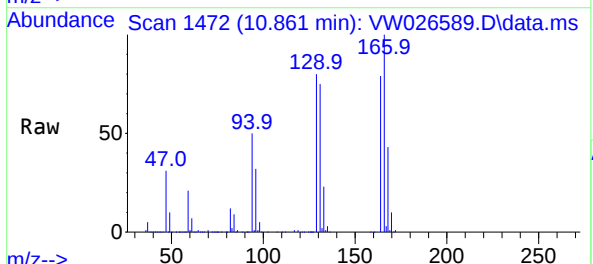
Ion	Ratio	Lower	Upper
97	100		
99	59.6	40.5	75.3
83	86.4	61.0	113.2
85	56.5	38.9	72.3

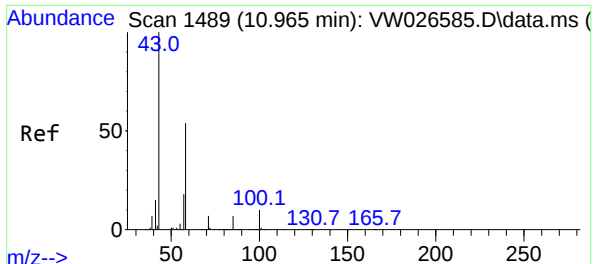


#46
Tetrachloroethene
Concen: 25.559 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion: 164 Resp: 188120

Ion	Ratio	Lower	Upper
164	100		
129	101.0	75.5	140.1
131	94.2	74.8	138.8
166	126.2	95.1	176.5



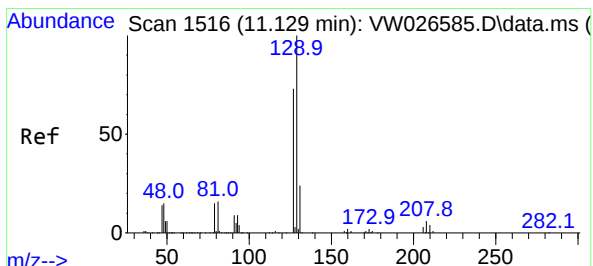
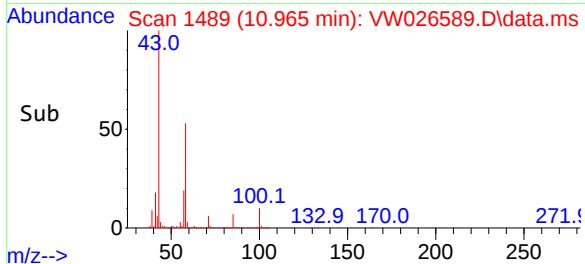
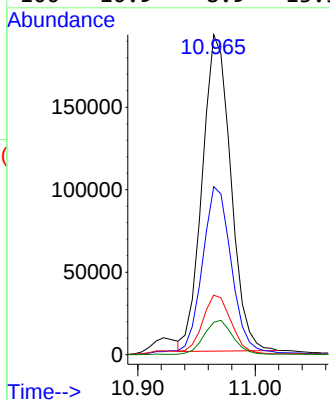
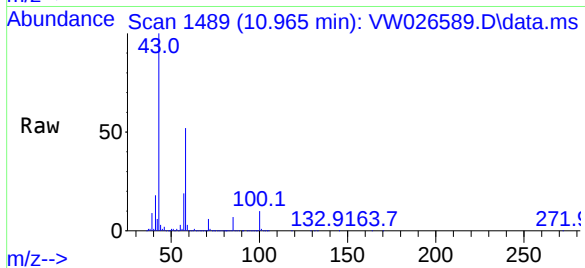


#48
2-Hexanone
Concen: 57.292 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

Tgt Ion: 43 Resp: 323465

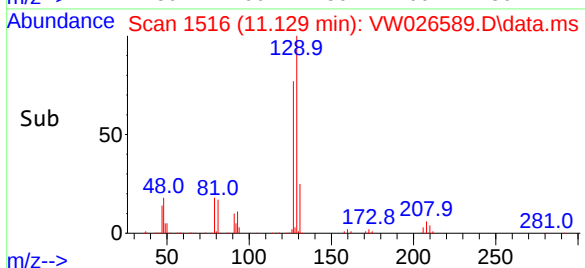
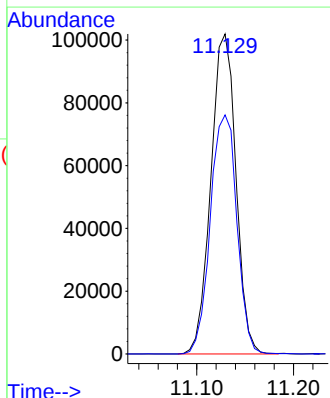
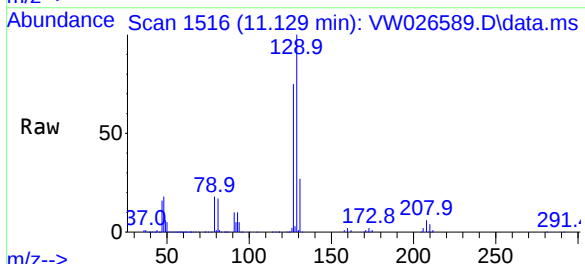
Ion	Ratio	Lower	Upper
43	100		
58	56.2	42.1	63.1
57	19.3	14.8	22.2
100	10.9	8.9	13.3

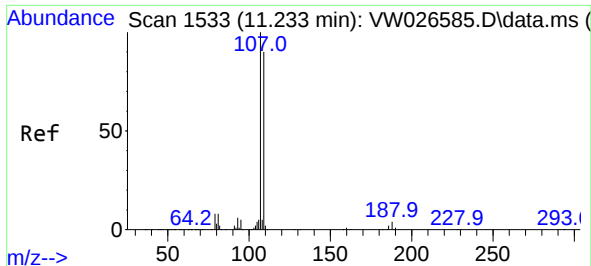


#49
Dibromochloromethane
Concen: 24.795 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion: 129 Resp: 183662

Ion	Ratio	Lower	Upper
129	100		
127	74.7	51.2	95.2

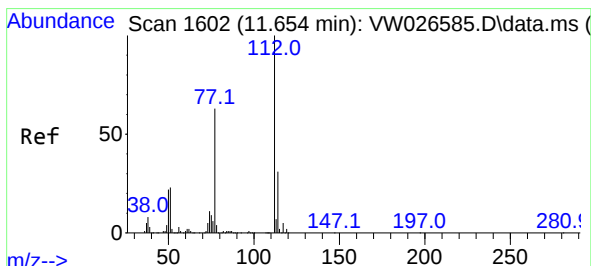
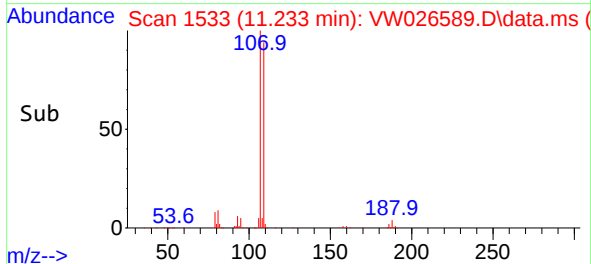
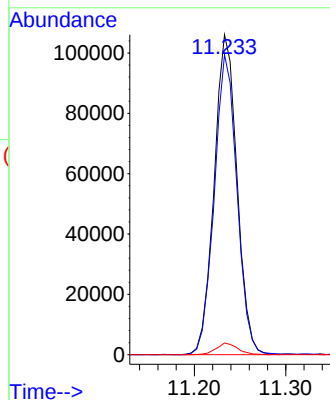
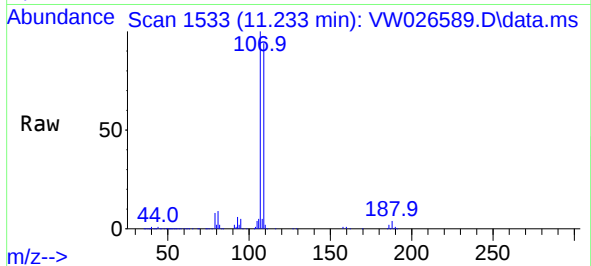




#50
1,2-Dibromoethane
Concen: 26.143 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

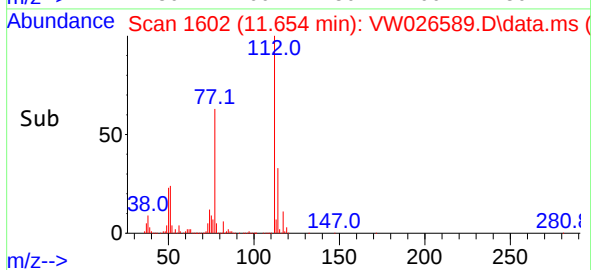
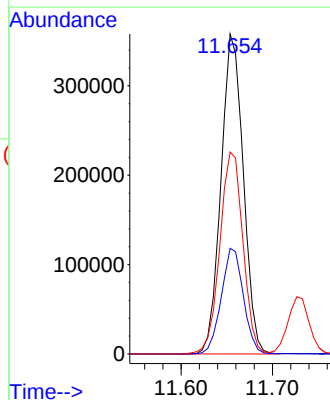
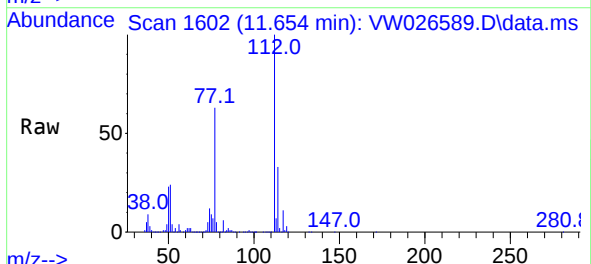
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

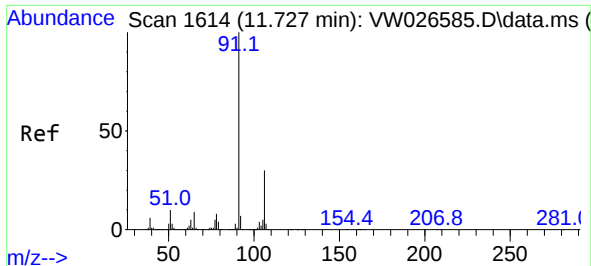
Tgt Ion:107 Resp: 184354
Ion Ratio Lower Upper
107 100
109 93.8 62.9 116.7
188 3.7 2.8 4.2



#51
Chlorobenzene
Concen: 24.323 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion:112 Resp: 607856
Ion Ratio Lower Upper
112 100
114 33.0 21.6 40.2
77 63.1 50.3 75.5





#52

Ethylbenzene

Concen: 25.523 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026589.D

Acq: 11 Jul 2023 11:21

Instrument :

MSVOA_W

ClientSampleId :

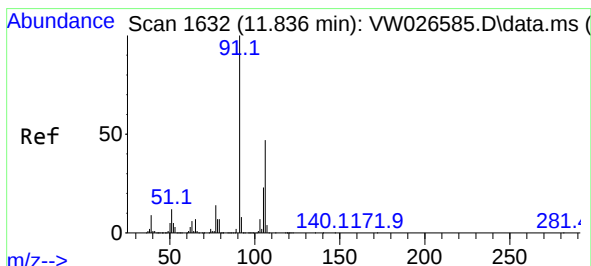
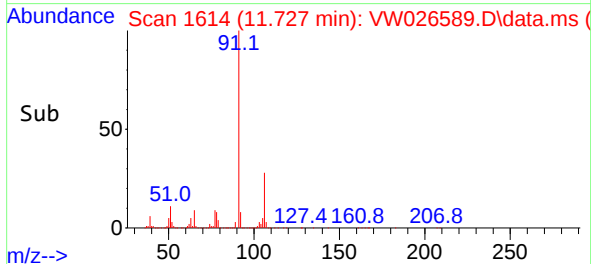
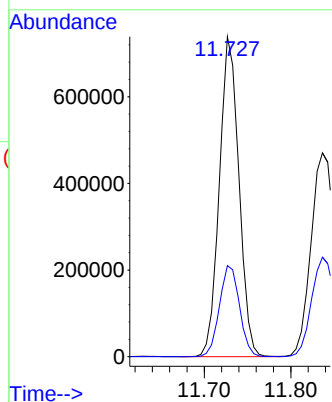
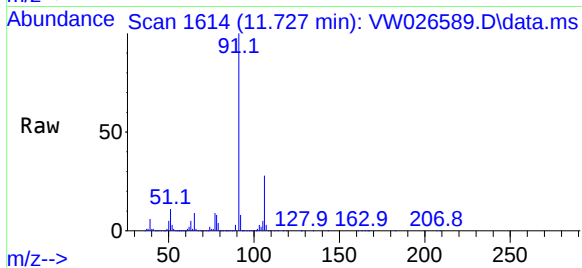
VSTD025554

Tgt Ion: 91 Resp: 1158166

Ion Ratio Lower Upper

91 100

106 28.5 20.8 38.6



#53

m,p-Xylene

Concen: 26.050 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW026589.D

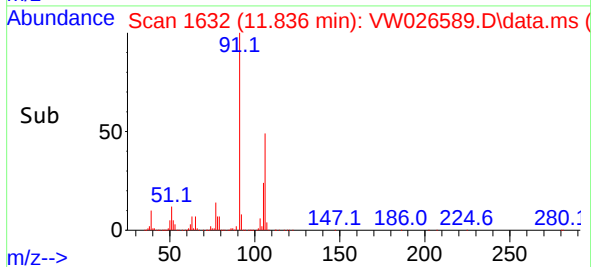
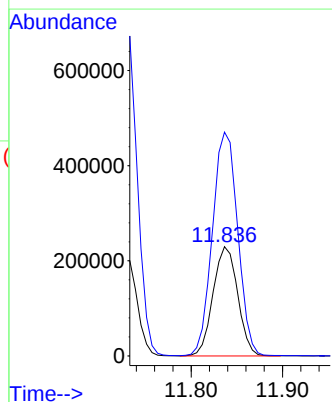
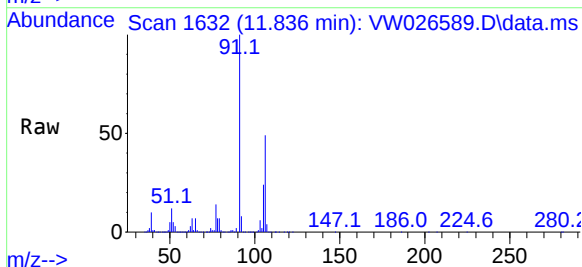
Acq: 11 Jul 2023 11:21

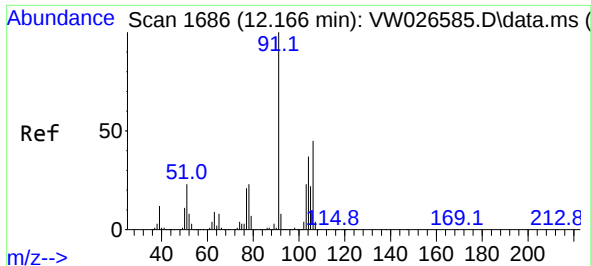
Tgt Ion:106 Resp: 430048

Ion Ratio Lower Upper

106 100

91 204.8 150.3 279.1

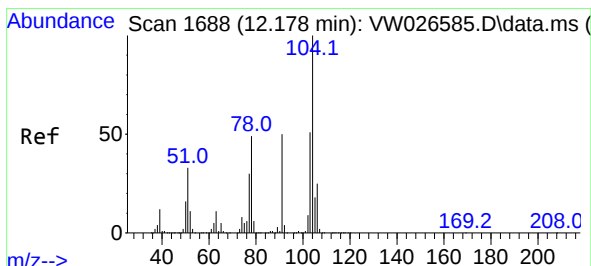
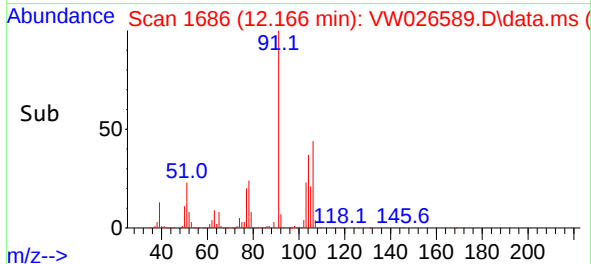
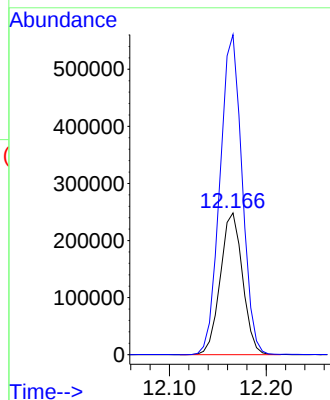
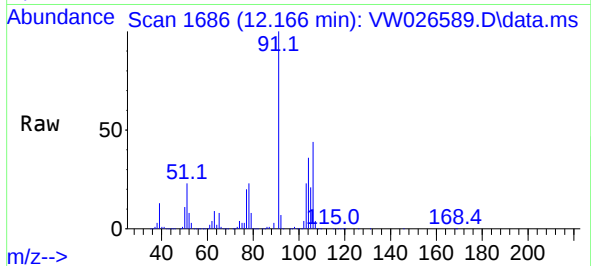




#54
o-Xylene
Concen: 25.544 ug/L
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

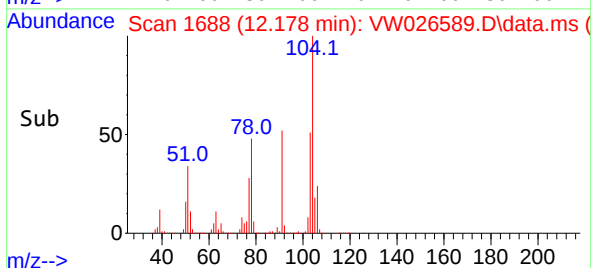
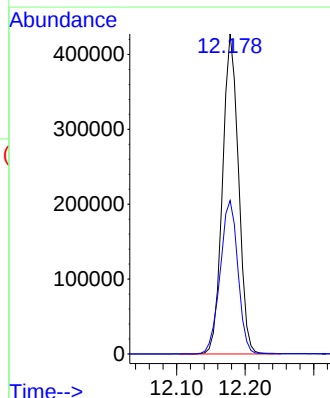
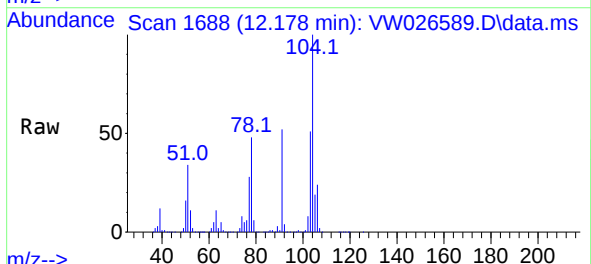
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

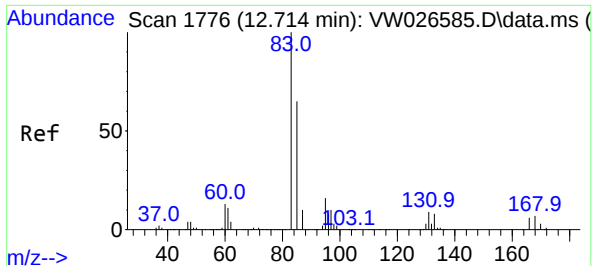
Tgt Ion:106 Resp: 395819
Ion Ratio Lower Upper
106 100
91 225.7 154.3 286.5



#55
Styrene
Concen: 26.390 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion:104 Resp: 689751
Ion Ratio Lower Upper
104 100
78 47.9 34.6 64.2



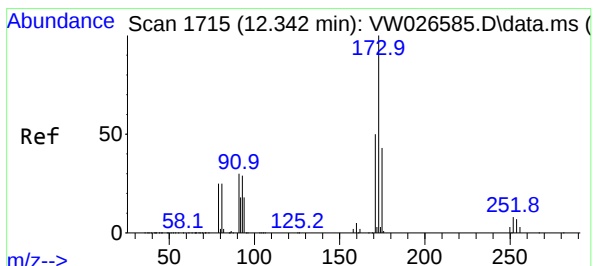
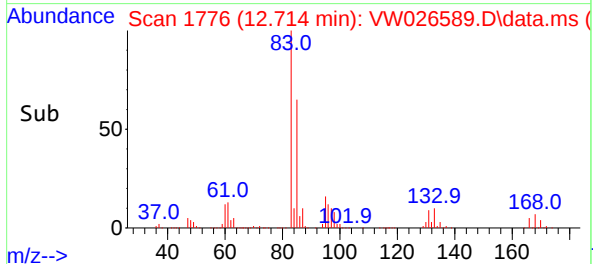
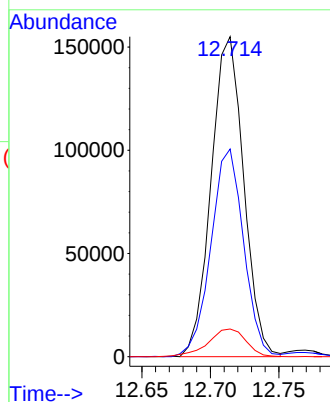
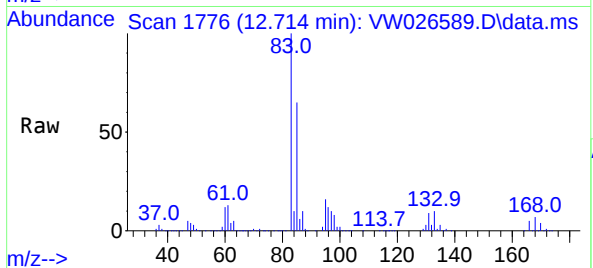


#57
1,1,2,2-Tetrachloroethane
Concen: 26.138 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

Tgt Ion: 83 Resp: 256609

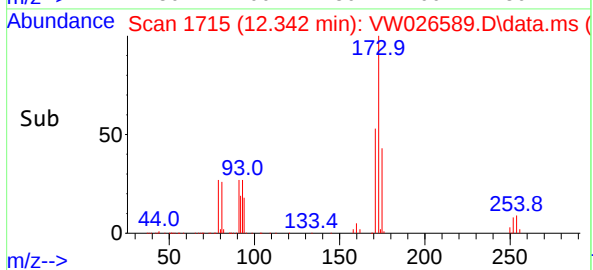
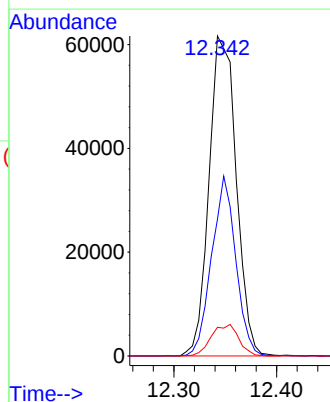
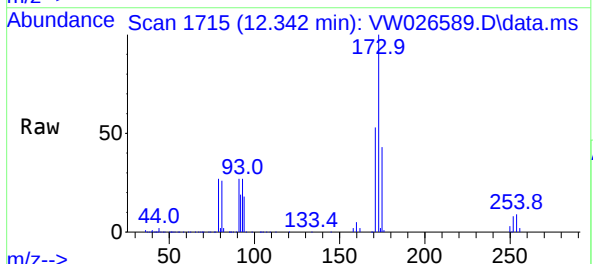
Ion	Ratio	Lower	Upper
83	100		
85	64.9	46.2	85.8
131	8.6	7.2	10.8

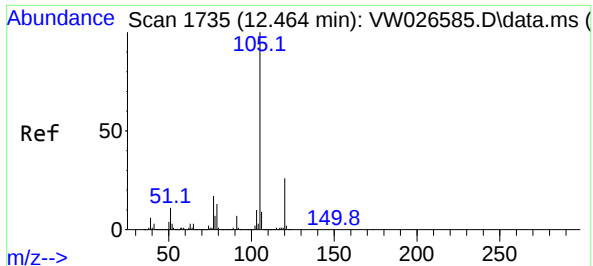


#59
Bromoform
Concen: 24.154 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion: 173 Resp: 113332

Ion	Ratio	Lower	Upper
173	100		
175	49.8	36.6	54.8
254	9.9	7.8	11.6

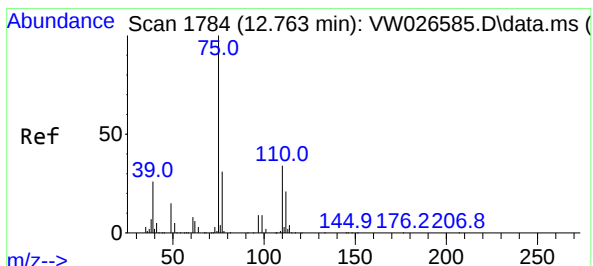
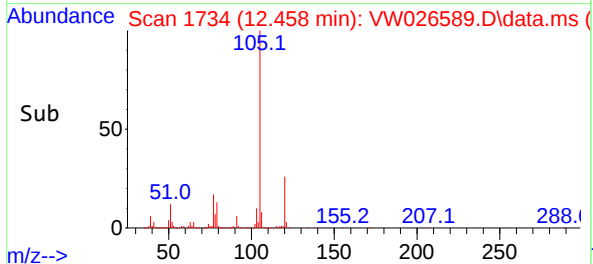
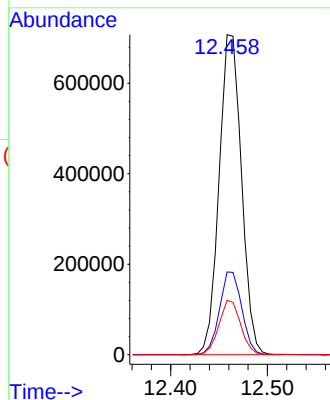
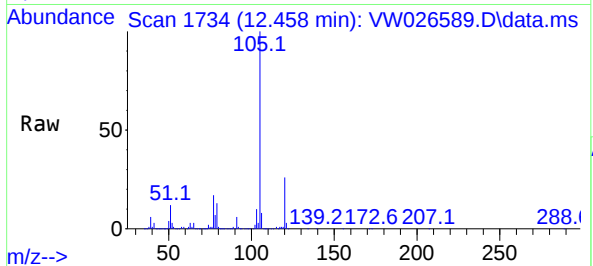




#60
Isopropylbenzene
Concen: 24.785 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

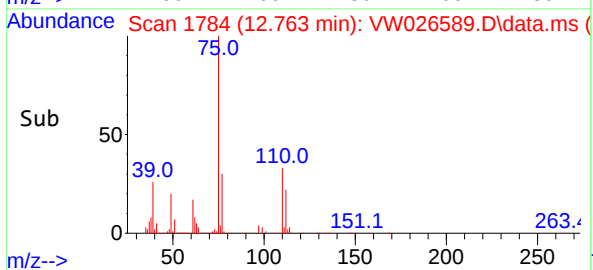
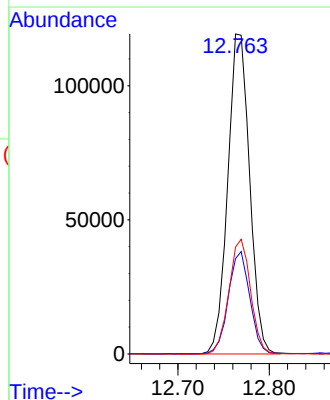
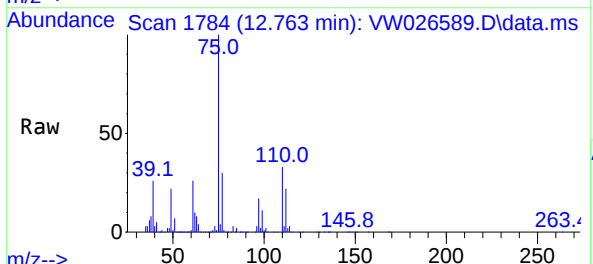
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

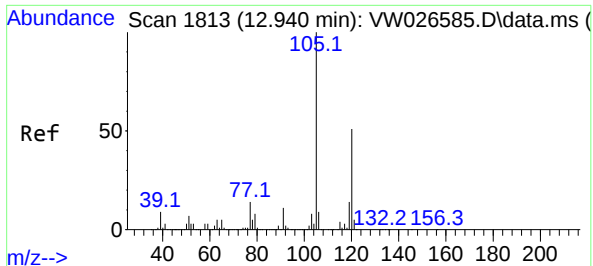
Tgt Ion:105 Resp: 1137643
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7
77 16.5 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 24.786 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion: 75 Resp: 198607
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5
110 35.5 28.3 42.5





#62

1,3,5-Trimethylbenzene

Concen: 25.912 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026589.D

Acq: 11 Jul 2023 11:21

Instrument :

MSVOA_W

ClientSampleId :

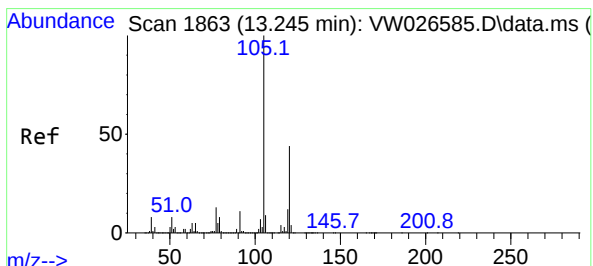
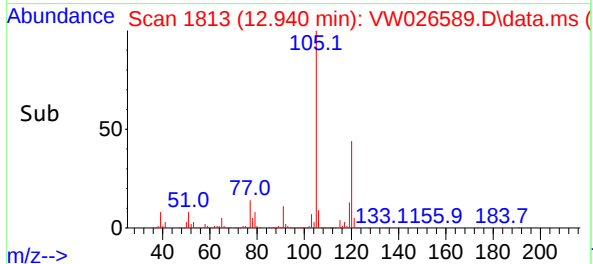
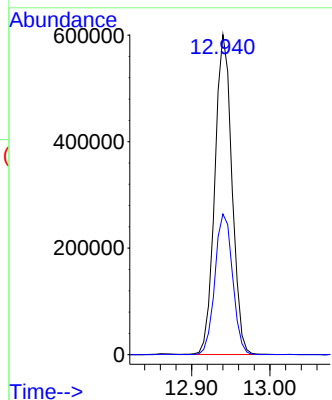
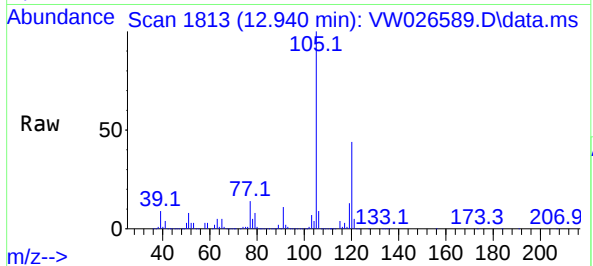
VSTD025554

Tgt Ion:105 Resp: 912228

Ion Ratio Lower Upper

105 100

120 45.5 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 25.532 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW026589.D

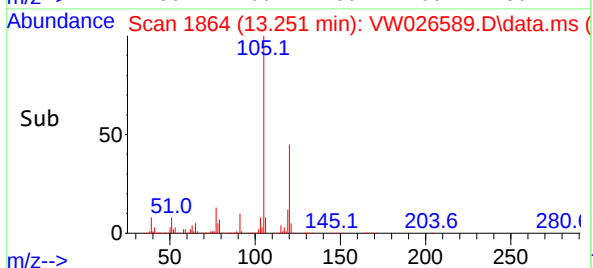
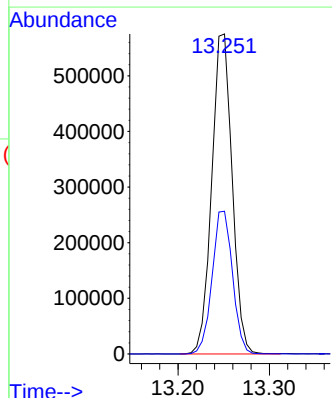
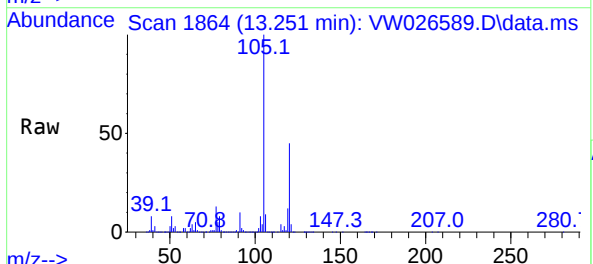
Acq: 11 Jul 2023 11:21

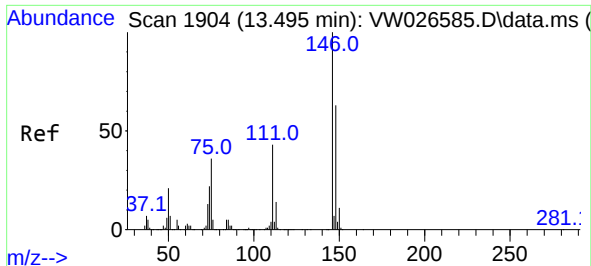
Tgt Ion:105 Resp: 891184

Ion Ratio Lower Upper

105 100

120 44.7 35.2 52.8

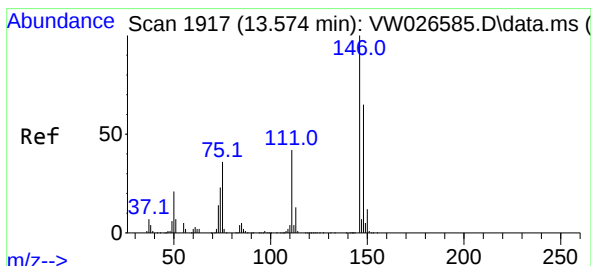
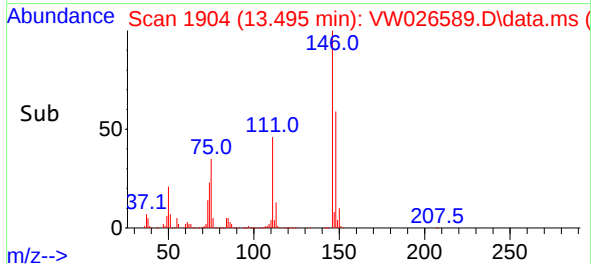
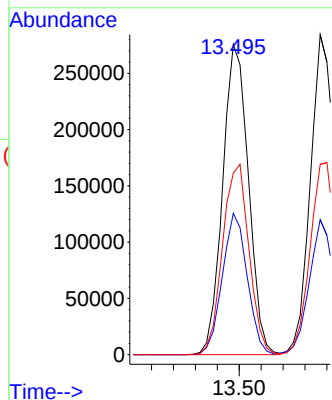
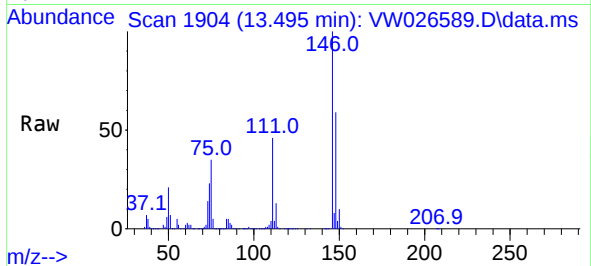




#64
1,3-Dichlorobenzene
Concen: 23.407 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

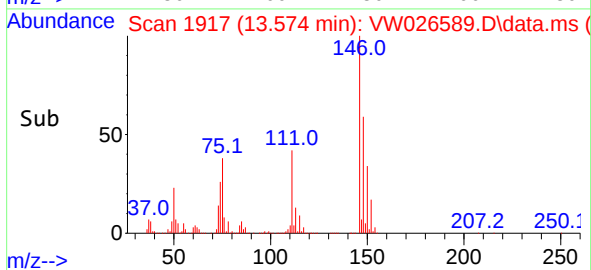
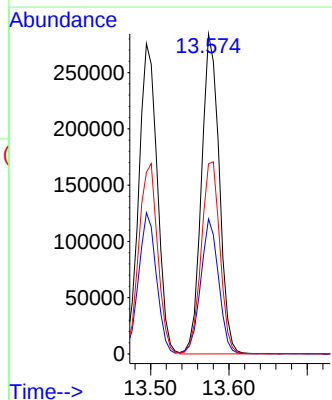
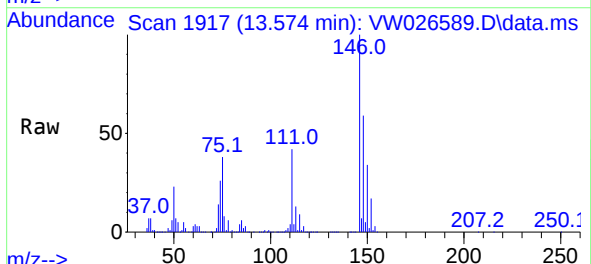
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

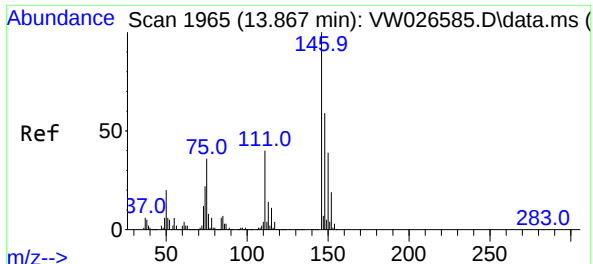
Tgt Ion:146 Resp: 450826
Ion Ratio Lower Upper
146 100
111 45.5 30.4 56.4
148 58.5 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 23.277 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion:146 Resp: 447123
Ion Ratio Lower Upper
146 100
111 42.2 29.7 55.1
148 59.5 45.4 84.4

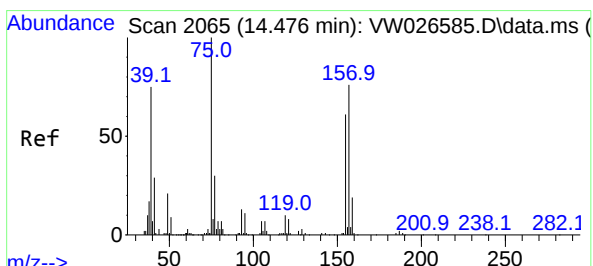
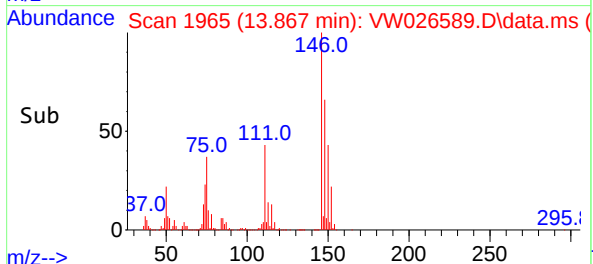
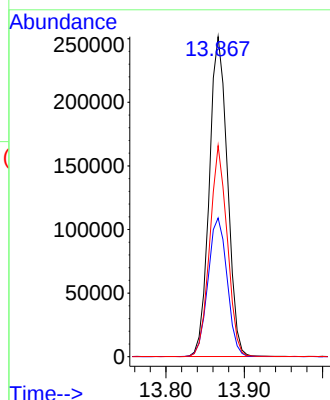
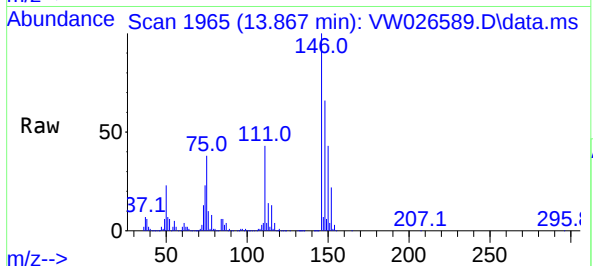




#67
1,2-Dichlorobenzene
Concen: 23.757 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

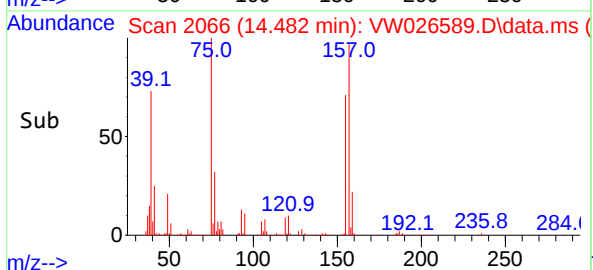
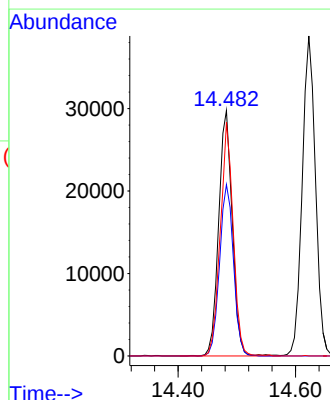
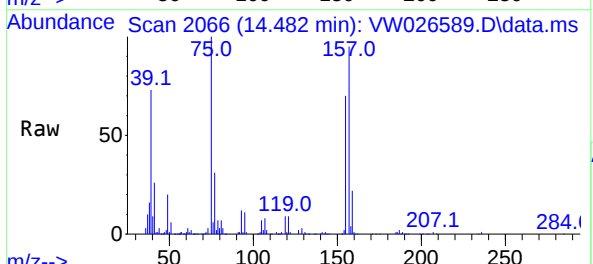
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

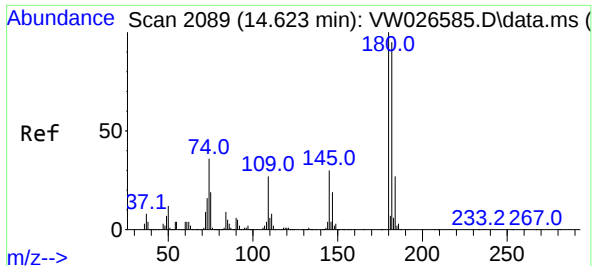
Tgt Ion:146 Resp: 404950
Ion Ratio Lower Upper
146 100
111 43.4 31.8 47.8
148 65.9 46.9 70.3



#68
1,2-Dibromo-3-chloropropane
Concen: 25.054 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion: 75 Resp: 47781
Ion Ratio Lower Upper
75 100
155 69.8 49.1 73.7
157 95.2 60.6 90.8#

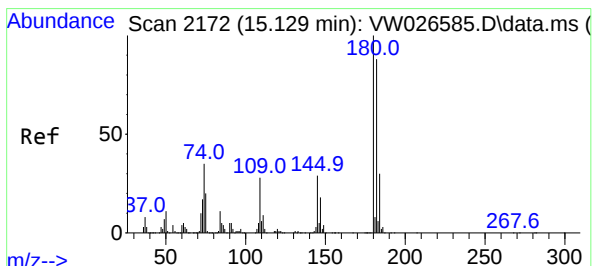
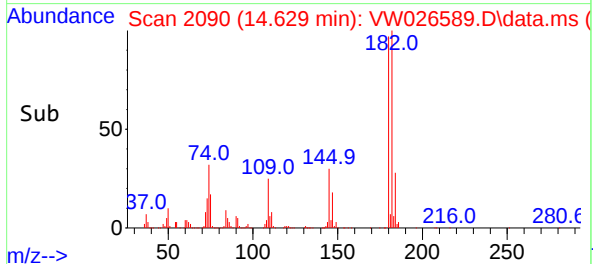
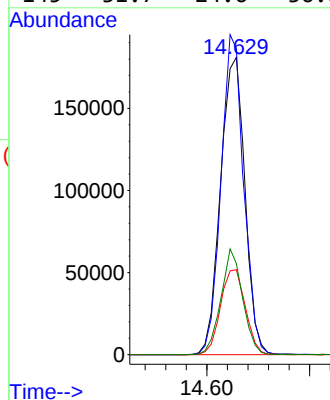
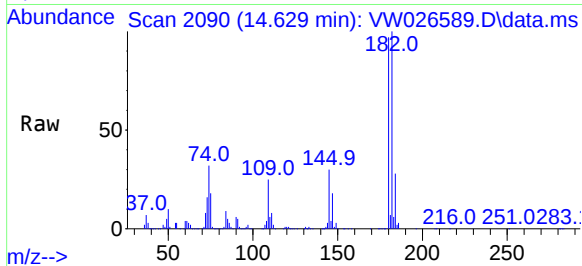




#69
1,3,5-Trichlorobenzene
Concen: 23.382 ug/L
RT: 14.629 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

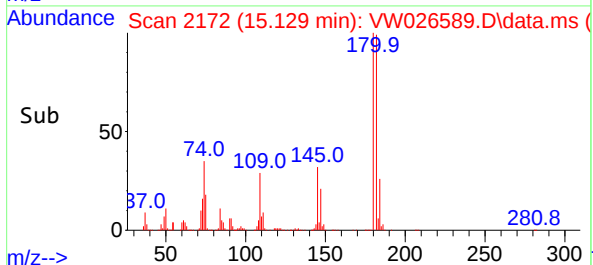
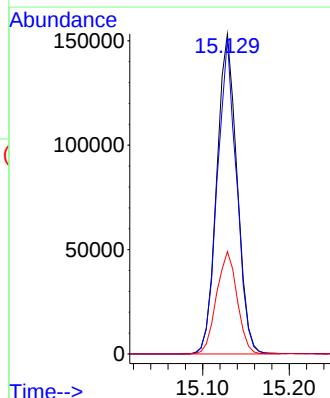
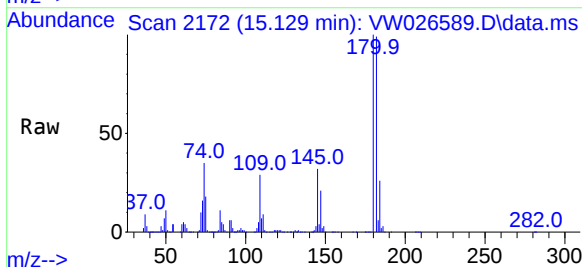
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

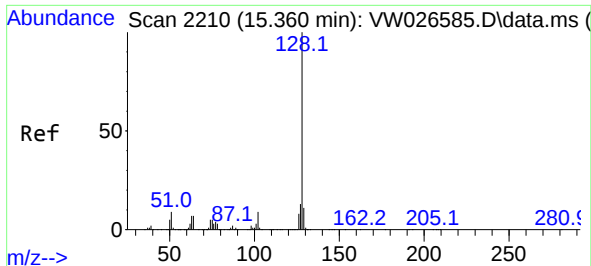
Tgt Ion:	180	Resp:	298015
Ion Ratio	Lower	Upper	
180	100		
182	100.1	75.8	113.6
184	29.2	23.7	35.5
145	31.7	24.6	36.8



#70
1,2,4-trichlorobenzene
Concen: 23.763 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion:	180	Resp:	248544
Ion Ratio	Lower	Upper	
180	100		
182	93.9	73.5	110.3
145	32.6	25.0	37.6

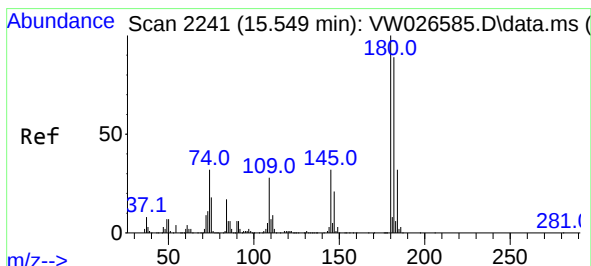
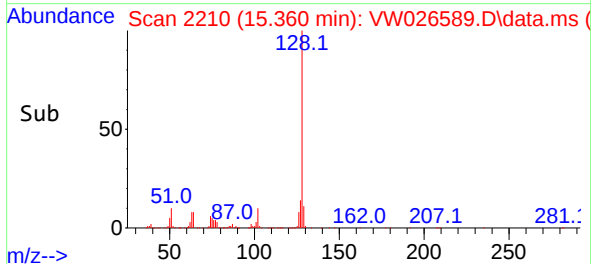
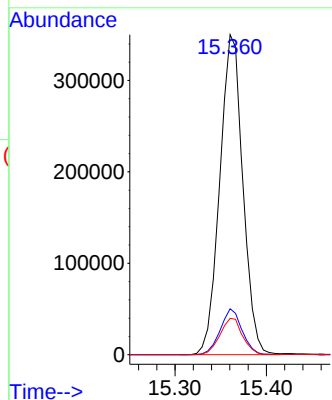
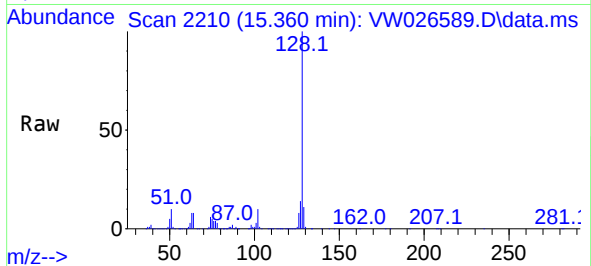




#71
Naphthalene
Concen: 25.928 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

Tgt Ion:128 Resp: 614145
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 11.2 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 23.824 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026589.D
Acq: 11 Jul 2023 11:21

Tgt Ion:180 Resp: 234585
Ion Ratio Lower Upper
180 100
182 94.2 75.2 112.8
145 34.3 26.6 40.0

