

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051823\
 Data File : VW025985.D
 Acq On : 18 May 2023 09:30
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025491

Quant Time: May 19 04:33:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 15 23:34:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	528802	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	482385	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	252764	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	163041	21.758	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.040%
7) Chloroethane-d5	2.899	69	136468	24.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.240%
11) 1,1-Dichloroethene-d2	4.021	65	80481	21.449	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.800%
21) 2-Butanone-d5	7.075	46	129721	52.365	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.720%
24) Chloroform-d	7.648	84	383984	25.182	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.720%
26) 1,2-Dichloroethane-d4	8.307	65	209734	24.324	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.280%
32) Benzene-d6	8.270	84	734747	23.310	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.240%
36) 1,2-Dichloropropane-d6	9.270	67	241393	23.936	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.760%
41) Toluene-d8	10.319	98	631357	22.463	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.840%
43) trans-1,3-Dichloroprop...	10.575	79	92869	22.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.880%
47) 2-Hexanone-d5	10.922	63	90364	52.547	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	208326	27.102	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	13.854	152	206870	22.451	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	175344	29.680	ug/L	90
3) Chloromethane	2.222	50	225737	25.915	ug/L	98
5) Vinyl chloride	2.369	62	261048	28.953	ug/L	98
6) Bromomethane	2.789	94	134774	27.483	ug/L	98
8) Chloroethane	2.930	64	151723	29.594	ug/L	98
9) Trichlorofluoromethane	3.265	101	185129	27.208	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	210534	28.450	ug/L	99
12) 1,1-Dichloroethene	4.045	96	200593	28.363	ug/L	84
13) Acetone	4.118	43	119393	54.354	ug/L	98
14) Carbon disulfide	4.387	76	631123	26.388	ug/L	100
15) Methyl Acetate	4.667	43	118320	27.334	ug/L	99
16) Methylene chloride	4.917	84	215623	19.772	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	211626	27.430	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	324261	27.692	ug/L	99
19) 1,1-Dichloroethane	6.216	63	446619	28.175	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	228285	27.580	ug/L	98
22) 2-Butanone	7.173	43	159728	52.662	ug/L	99
23) Bromochloromethane	7.514	128	100337	28.614	ug/L	92
25) Chloroform	7.673	83	422472	28.998	ug/L	100

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 Response via : Initial Calibration

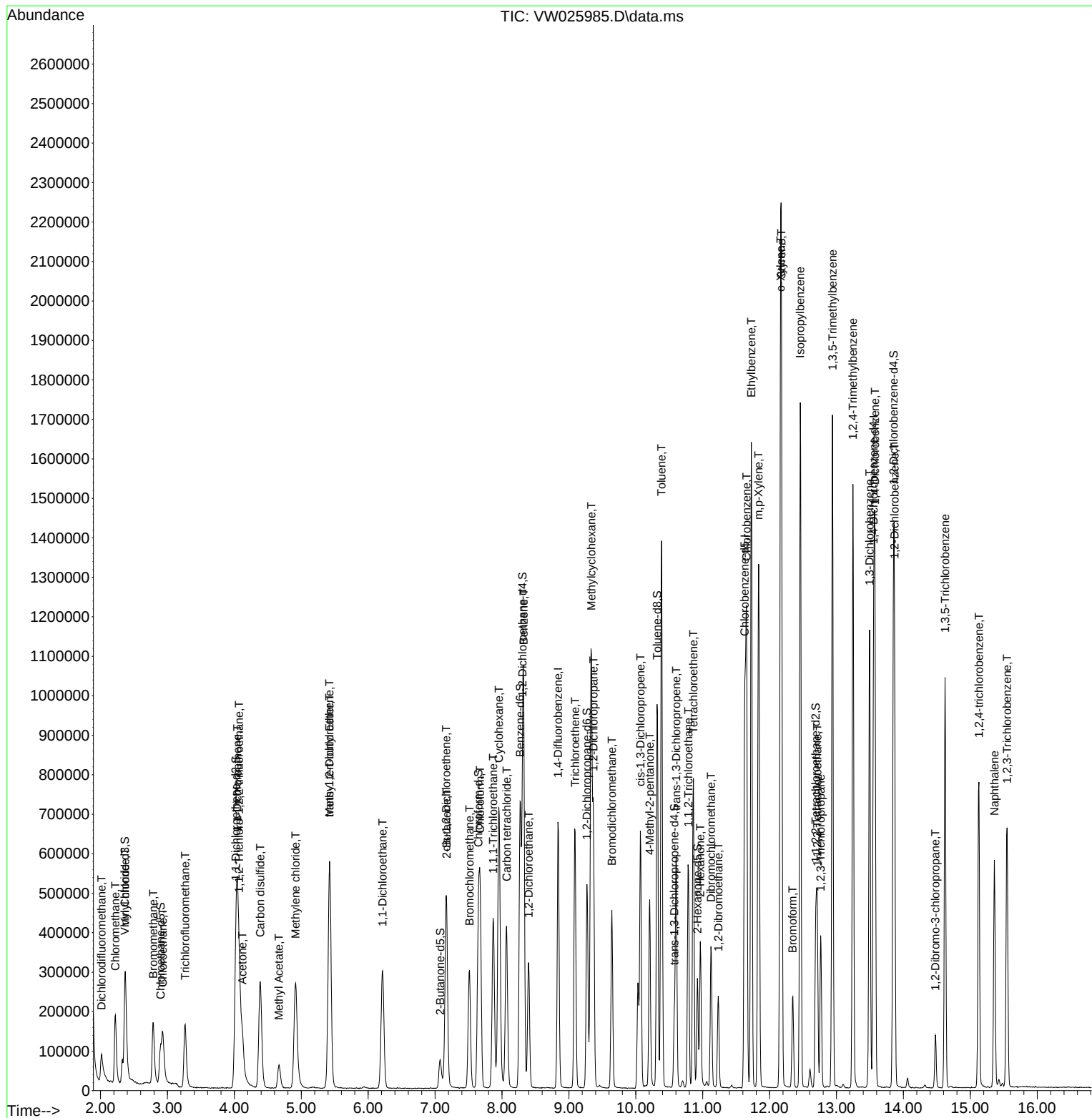
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	288934	27.925	ug/L	99
29) Cyclohexane	7.953	56	405050	27.096	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	339319	28.763	ug/L	100
31) Carbon tetrachloride	8.069	117	302048	28.450	ug/L	99
33) Benzene	8.325	78	929910	27.863	ug/L	100
34) Trichloroethene	9.093	95	233441	27.259	ug/L	98
35) Methylcyclohexane	9.337	83	416508	27.345	ug/L	100
37) 1,2-Dichloropropane	9.367	63	254350	27.817	ug/L	100
38) Bromodichloromethane	9.642	83	292167	27.851	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	364966	27.218	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	333618	56.055	ug/L	99
42) Toluene	10.386	91	965033	28.299	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	315148	28.365	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	173616	28.385	ug/L	97
46) Tetrachloroethene	10.861	164	165381	27.450	ug/L	94
48) 2-Hexanone	10.965	43	242735	56.931	ug/L	99
49) Dibromochloromethane	11.123	129	178968	28.263	ug/L	99
50) 1,2-Dibromoethane	11.233	107	159985	28.373	ug/L	90
51) Chlorobenzene	11.654	112	586974	27.785	ug/L	99
52) Ethylbenzene	11.727	91	1091333	28.450	ug/L	98
53) m,p-Xylene	11.837	106	404327	28.639	ug/L	97
54) o-Xylene	12.166	106	382044	28.710	ug/L	97
55) Styrene	12.178	104	667642	29.313	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	220819	28.934	ug/L	96
59) Bromoform	12.343	173	104071	27.797	ug/L	99
60) Isopropylbenzene	12.458	105	1063932	27.691	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	159905	26.768	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	854531	28.080	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	781912	27.844	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	439936	26.599	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	450698	26.972	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	402115	27.261	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	34497	24.904	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	294276	26.804	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	233668	25.405	ug/L	98
71) Naphthalene	15.360	128	452802	26.083	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	210930	25.846	ug/L	99

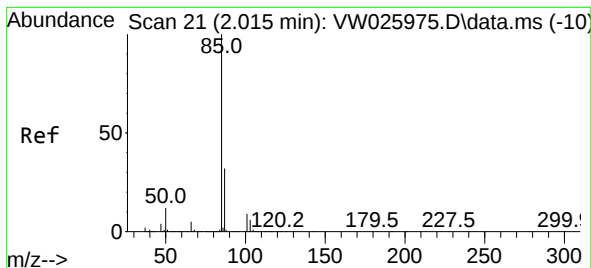
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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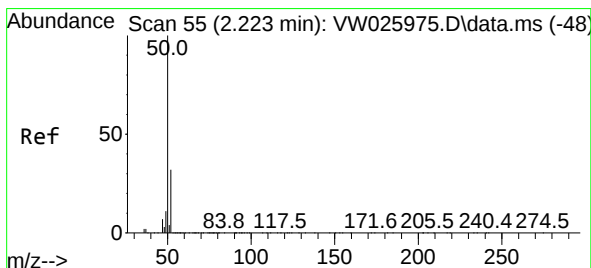
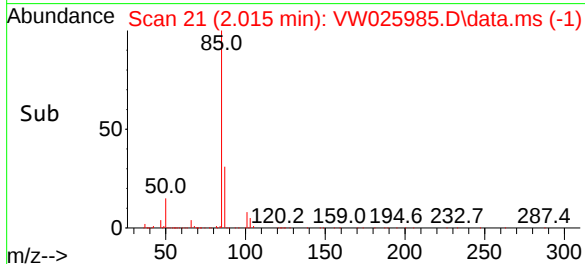
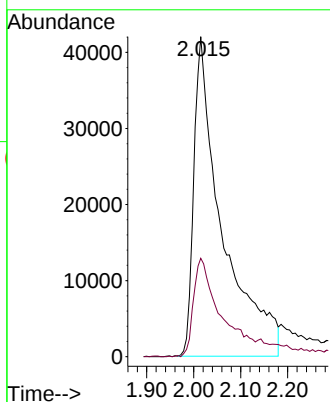
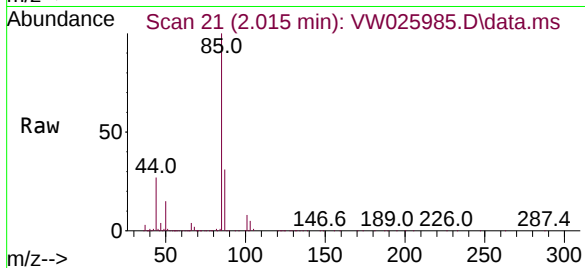




#2
 Dichlorodifluoromethane
 Concen: 29.680 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025985.D
 Acq: 18 May 2023 09:30

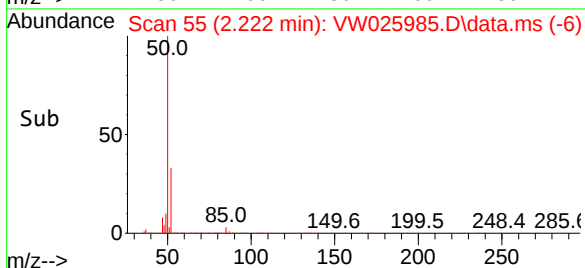
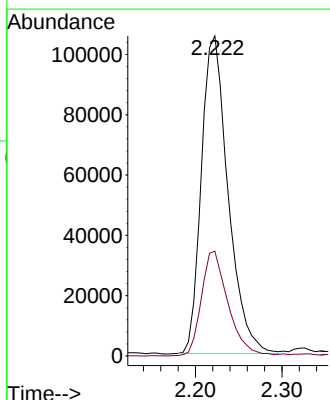
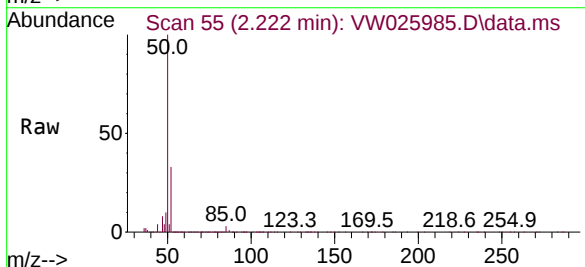
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025491

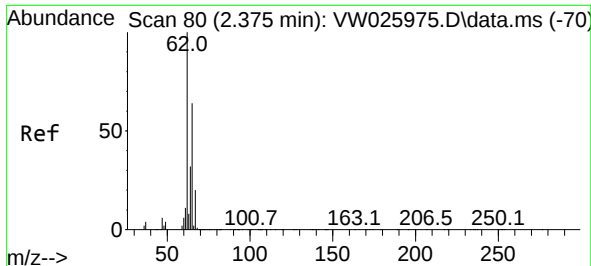
Tgt Ion: 85 Resp: 175344
 Ion Ratio Lower Upper
 85 100
 87 25.6 24.7 37.1



#3
 Chloromethane
 Concen: 25.915 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW025985.D
 Acq: 18 May 2023 09:30

Tgt Ion: 50 Resp: 225737
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.1 41.1

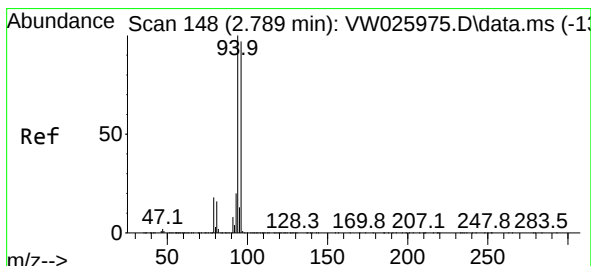
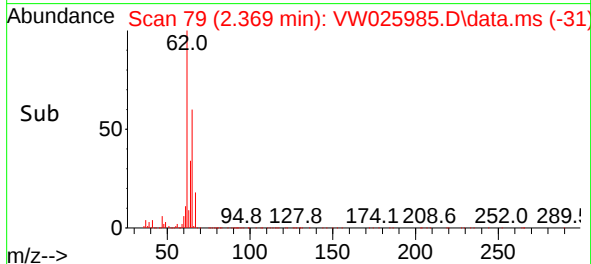
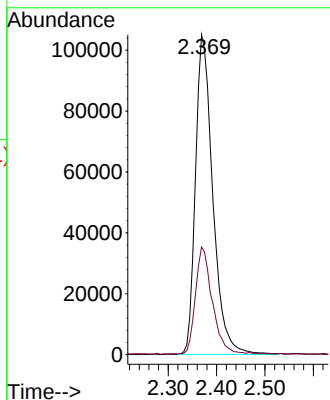
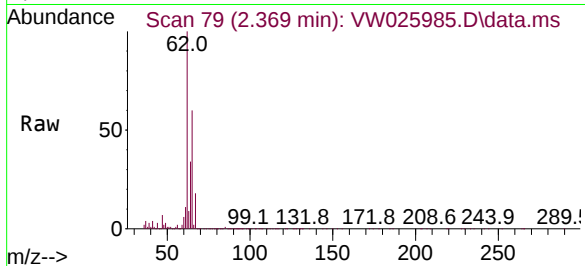




#5
 Vinyl chloride
 Concen: 28.953 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW025985.D
 Acq: 18 May 2023 09:30

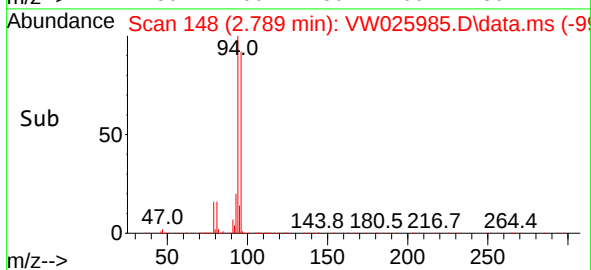
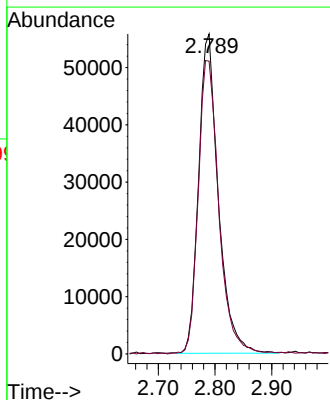
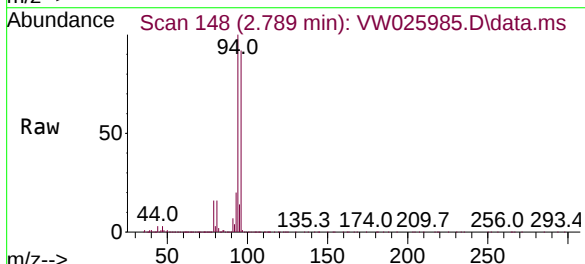
Instrument :
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 ClientSampleId :
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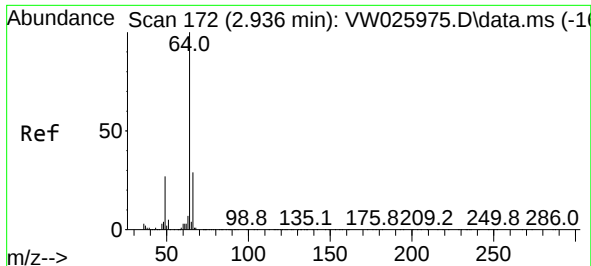
Tgt Ion: 62 Resp: 261048
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.7 42.3



#6
 Bromomethane
 Concen: 27.483 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025985.D
 Acq: 18 May 2023 09:30

Tgt Ion: 94 Resp: 134774
 Ion Ratio Lower Upper
 94 100
 96 91.5 63.1 117.1

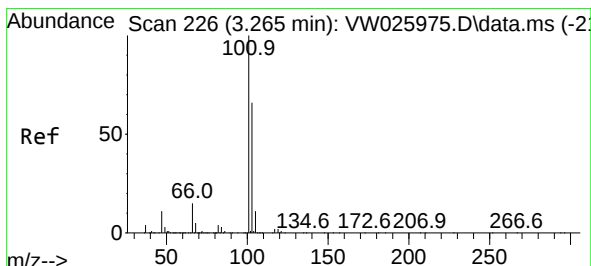
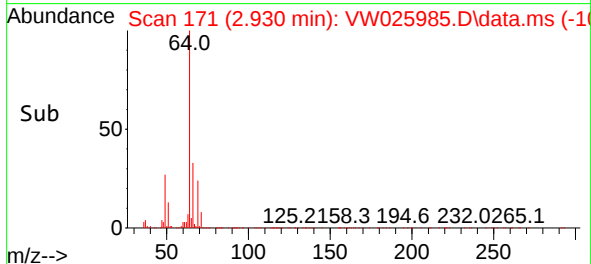
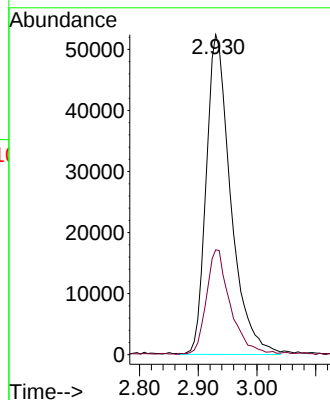
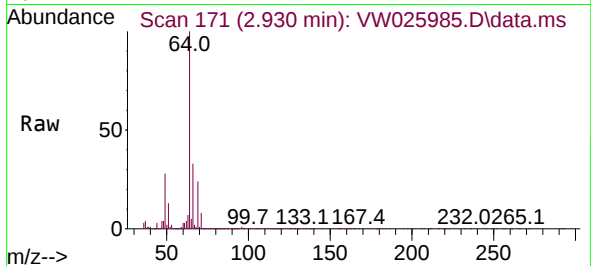




#8
Chloroethane
Concen: 29.594 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

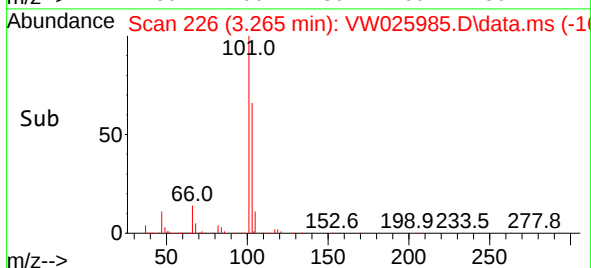
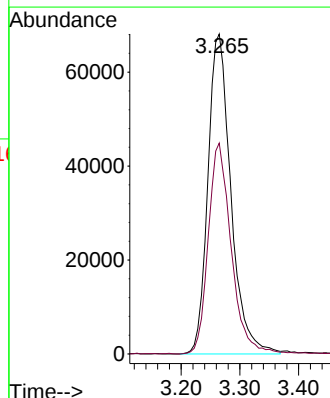
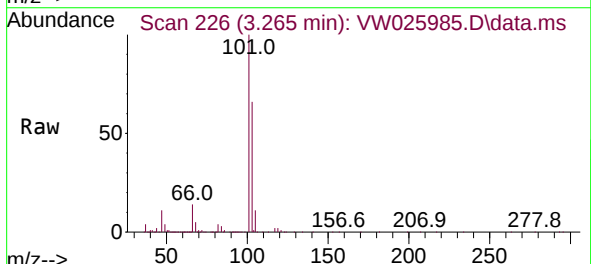
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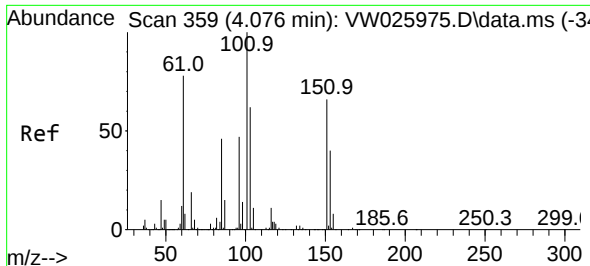
Tgt Ion: 64 Resp: 151723
Ion Ratio Lower Upper
64 100
66 32.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 27.208 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

Tgt Ion: 101 Resp: 185129
Ion Ratio Lower Upper
101 100
103 65.8 50.6 76.0

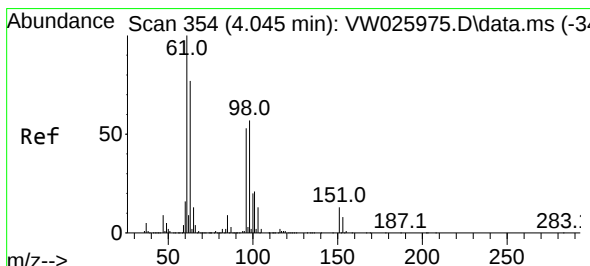
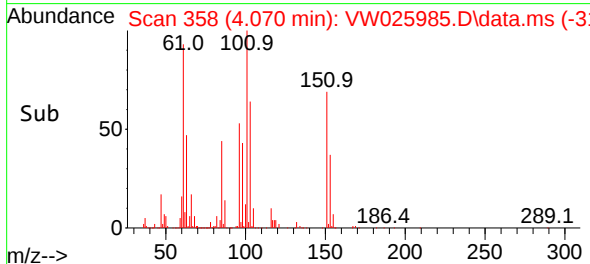
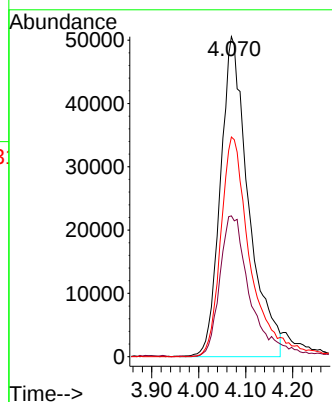
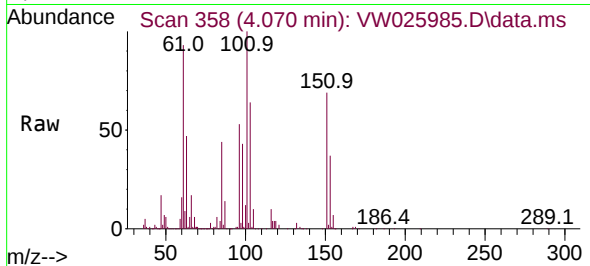




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.450 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW025985.D
 Acq: 18 May 2023 09:30

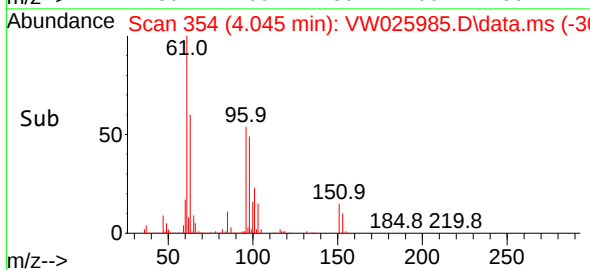
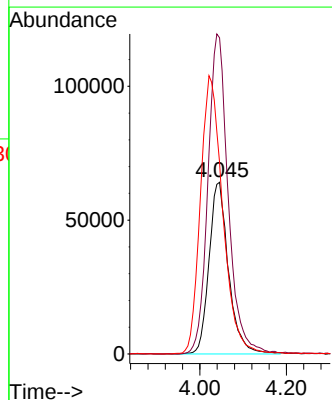
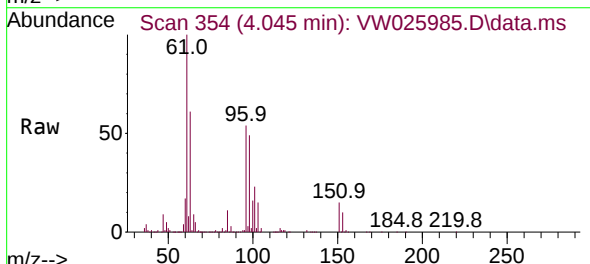
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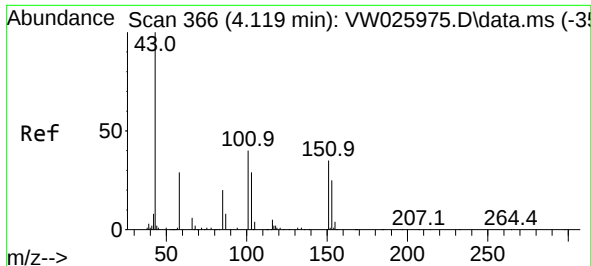
Tgt Ion:101 Resp: 210534
 Ion Ratio Lower Upper
 101 100
 85 43.4 33.9 50.9
 151 68.1 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 28.363 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW025985.D
 Acq: 18 May 2023 09:30

Tgt Ion: 96 Resp: 200593
 Ion Ratio Lower Upper
 96 100
 61 184.3 135.0 250.8
 63 111.6 104.9 194.7





#13

Acetone

Concen: 54.354 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

Instrument :

MSVOA_W

ClientSampleId :

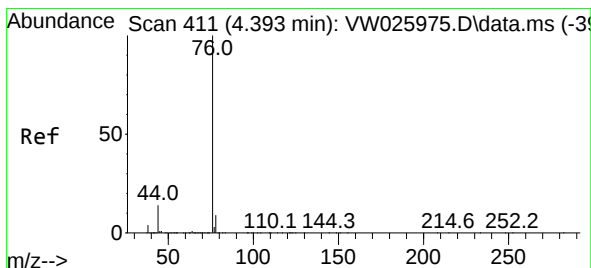
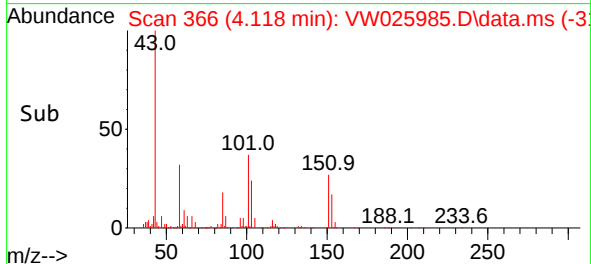
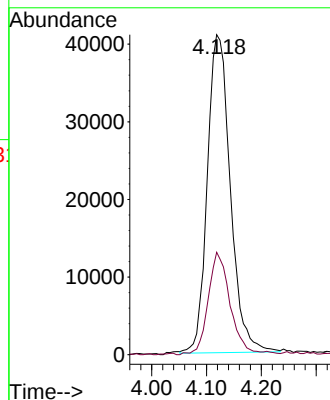
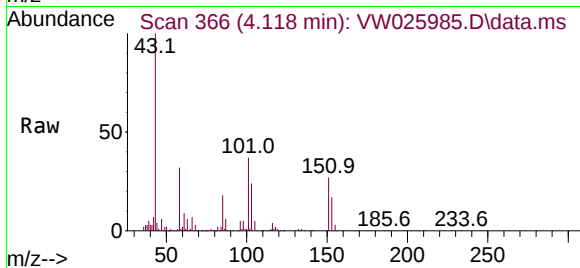
VSTD025491

Tgt Ion: 43 Resp: 119393

Ion Ratio Lower Upper

43 100

58 30.0 0.0 58.2



#14

Carbon disulfide

Concen: 26.388 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

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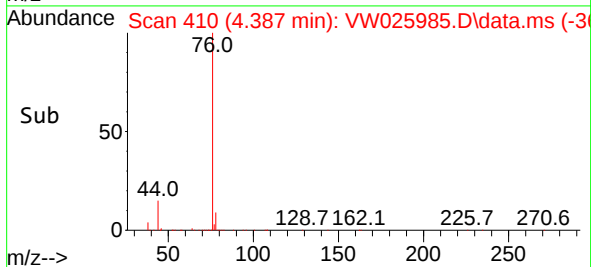
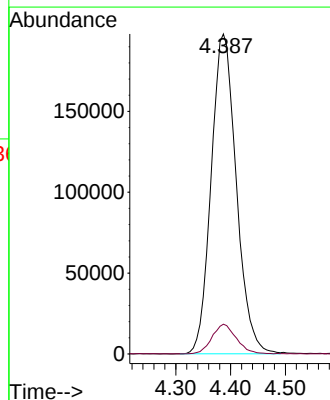
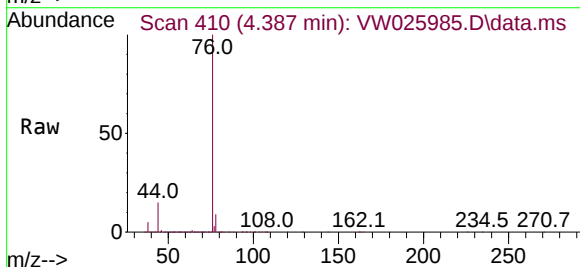
Acq: 18 May 2023 09:30

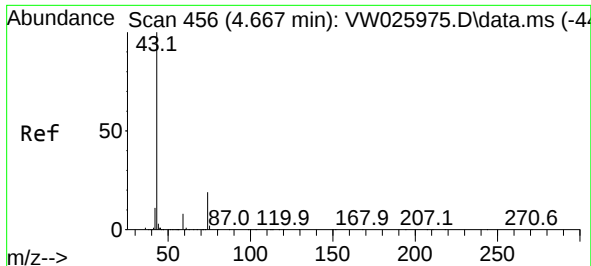
Tgt Ion: 76 Resp: 631123

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

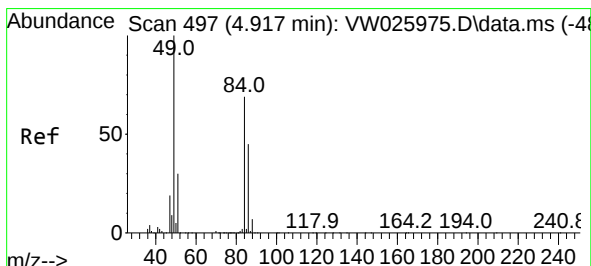
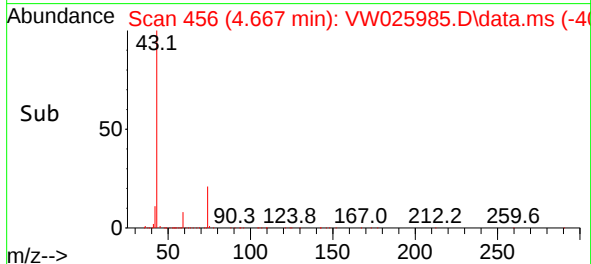
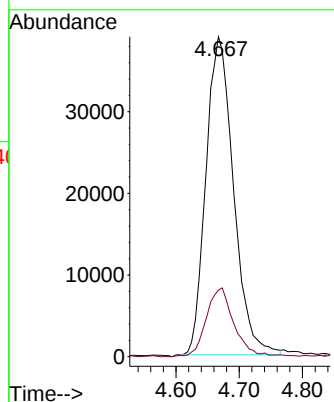
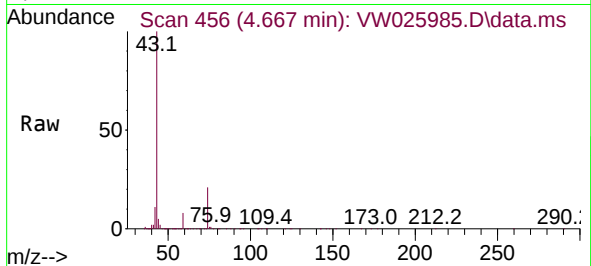




#15
Methyl Acetate
Concen: 27.334 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

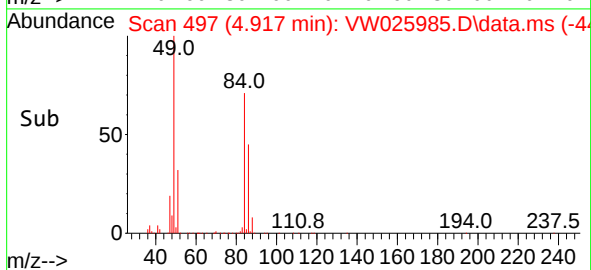
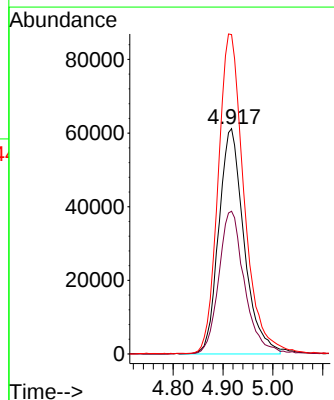
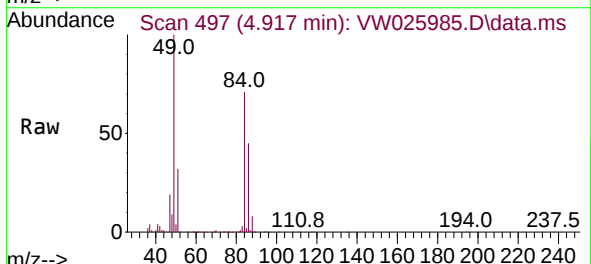
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

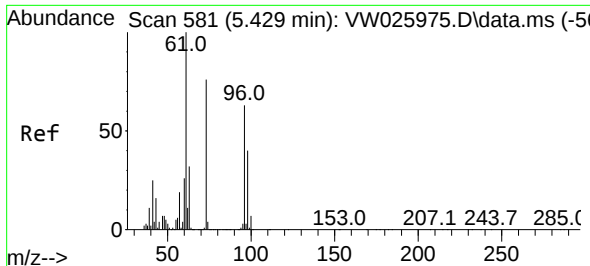
Tgt Ion: 43 Resp: 118320
Ion Ratio Lower Upper
43 100
74 21.2 16.5 24.7



#16
Methylene chloride
Concen: 19.772 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

Tgt Ion: 84 Resp: 215623
Ion Ratio Lower Upper
84 100
86 63.3 41.7 77.5
49 141.8 95.3 177.1

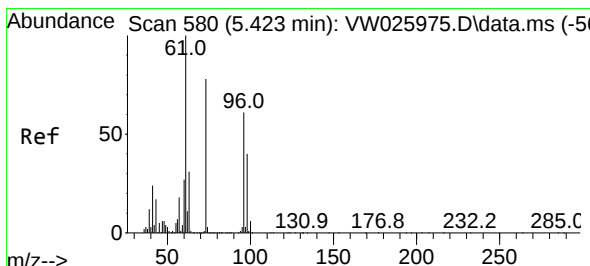
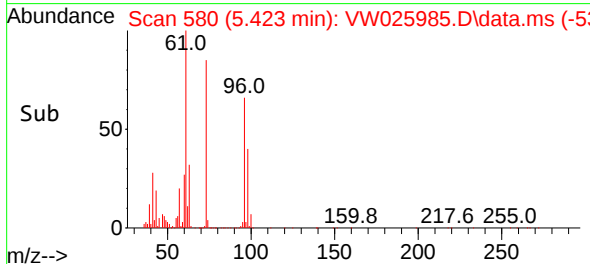
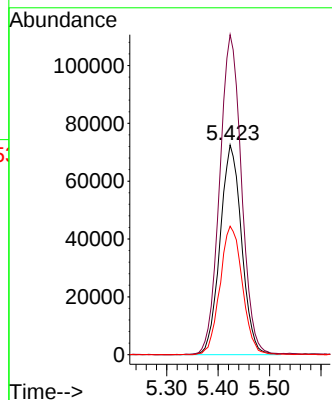
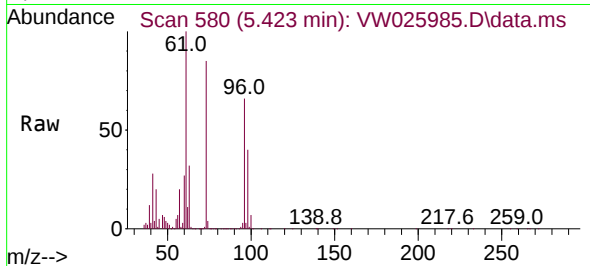




#17
trans-1,2-Dichloroethene
Concen: 27.430 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

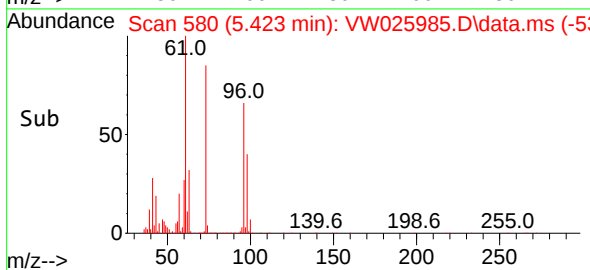
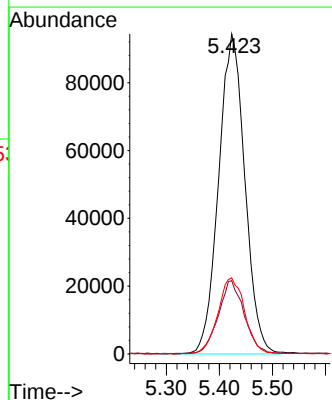
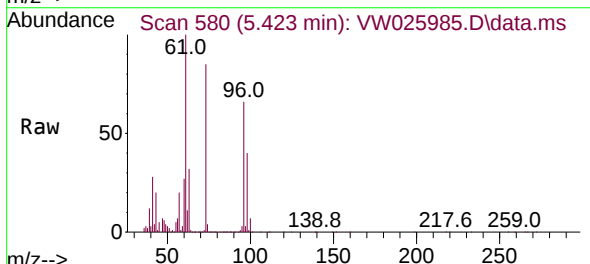
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

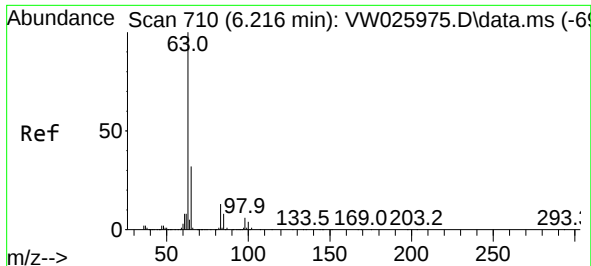
Tgt Ion: 96 Resp: 211626
Ion Ratio Lower Upper
96 100
61 152.5 108.1 200.9
98 61.2 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 27.692 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

Tgt Ion: 73 Resp: 324261
Ion Ratio Lower Upper
73 100
43 22.2 18.2 27.4
57 24.1 19.2 28.8





#19

1,1-Dichloroethane

Concen: 28.175 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

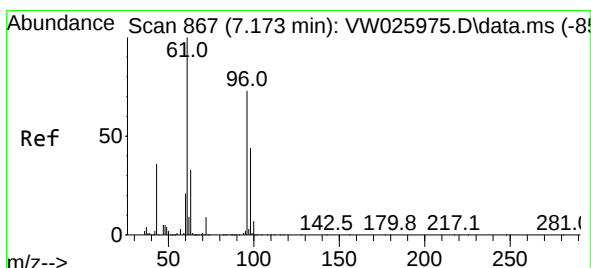
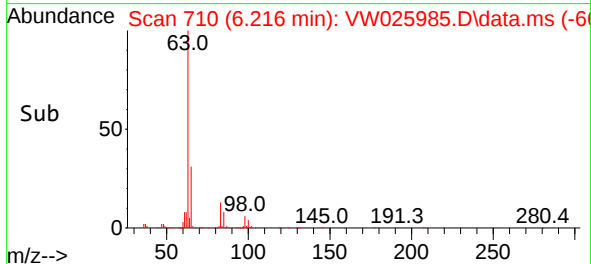
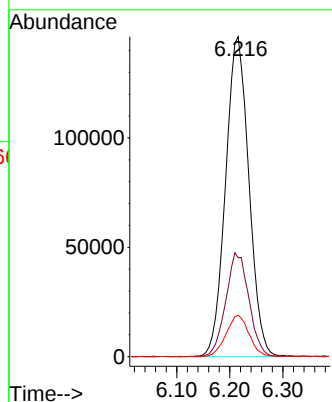
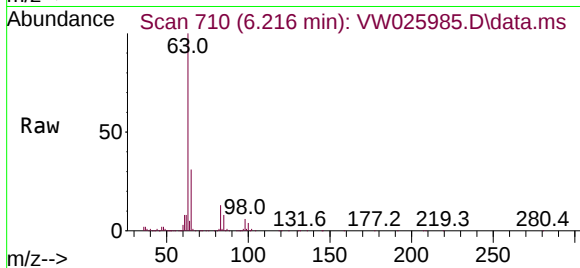
Tgt Ion: 63 Resp: 446619

Ion Ratio Lower Upper

63 100

65 30.9 22.4 41.6

83 12.9 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 27.580 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

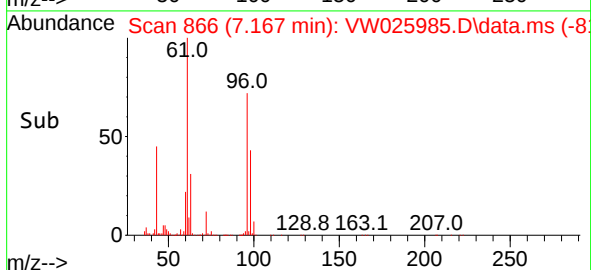
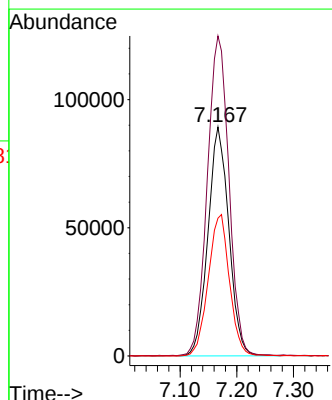
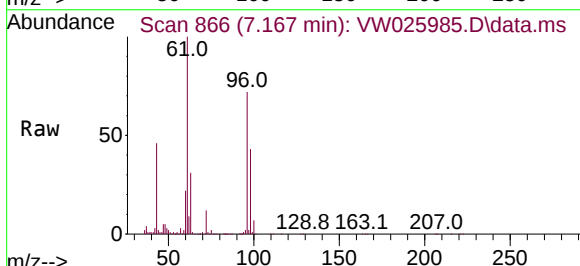
Tgt Ion: 96 Resp: 228285

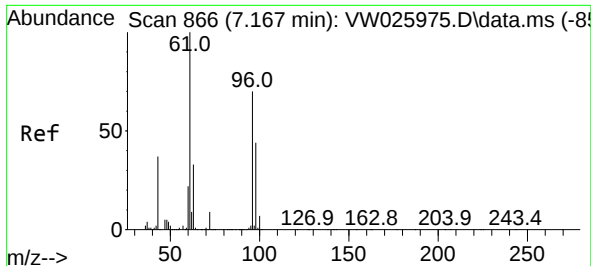
Ion Ratio Lower Upper

96 100

61 139.7 98.6 183.0

98 60.2 45.2 84.0

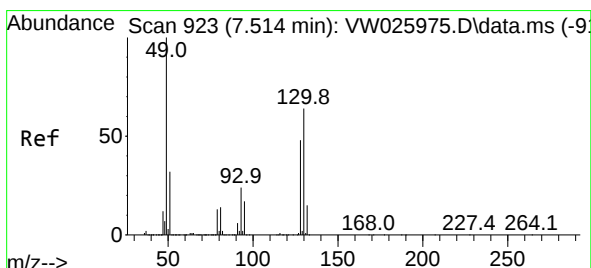
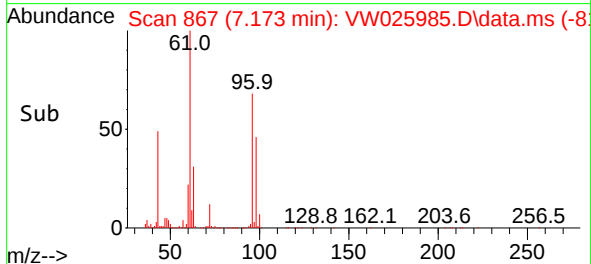
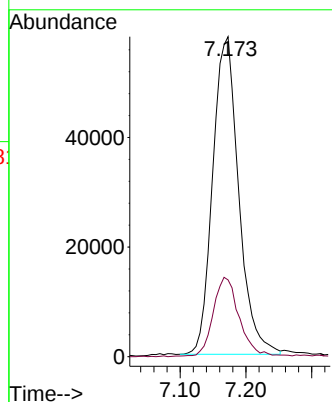
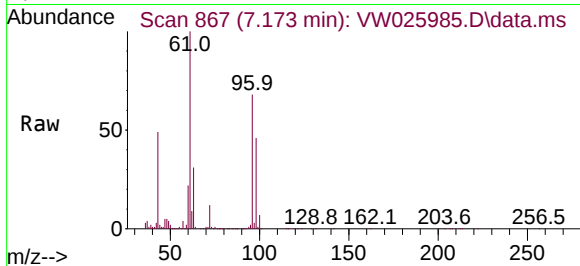




#22
2-Butanone
Concen: 52.662 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

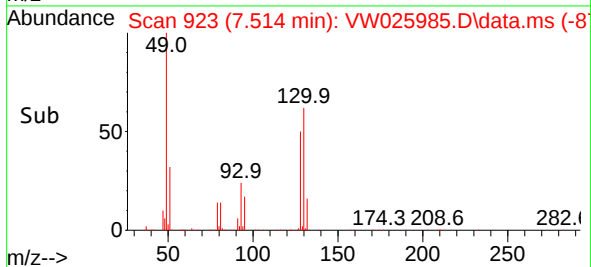
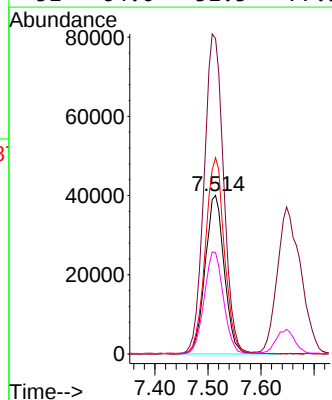
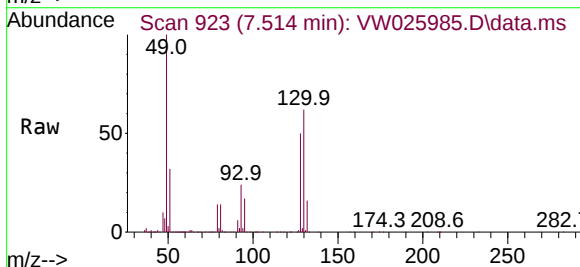
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

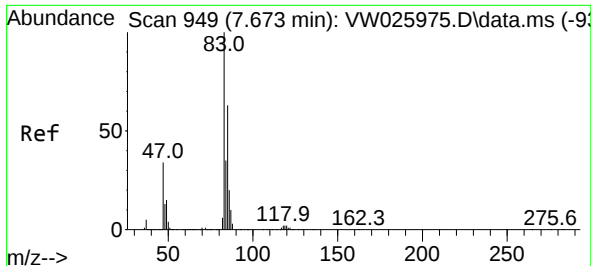
Tgt Ion: 43 Resp: 159728
Ion Ratio Lower Upper
43 100
72 24.3 11.8 35.4



#23
Bromochloromethane
Concen: 28.614 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

Tgt Ion: 128 Resp: 100337
Ion Ratio Lower Upper
128 100
49 198.9 151.5 281.5
130 123.8 91.3 169.6
51 64.0 51.5 77.3

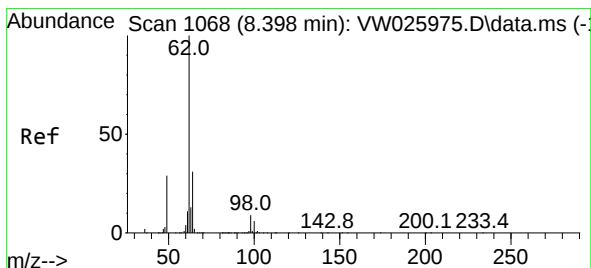
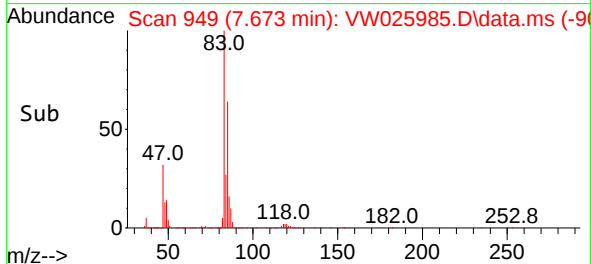
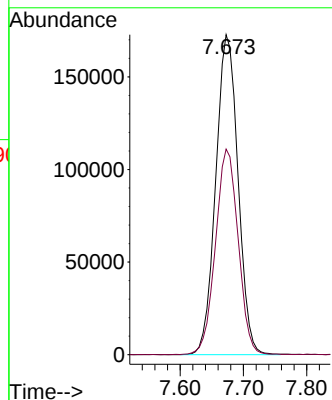
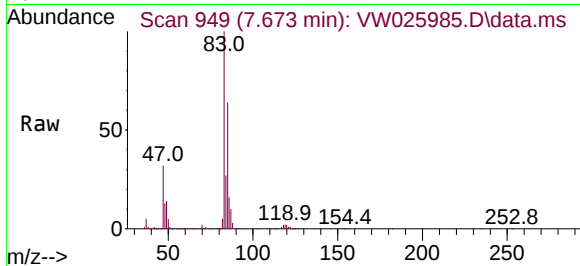




#25
Chloroform
Concen: 28.998 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

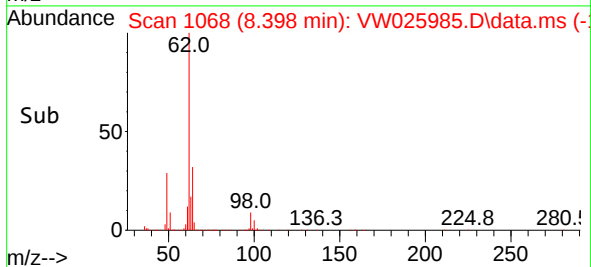
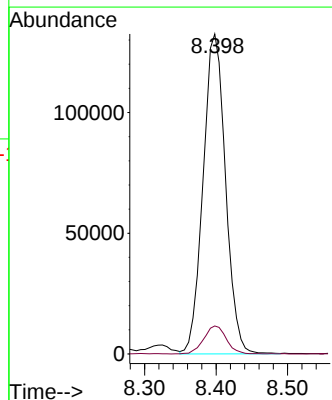
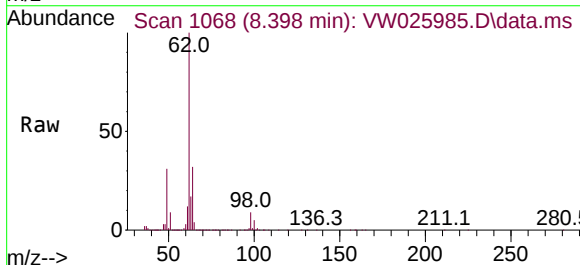
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

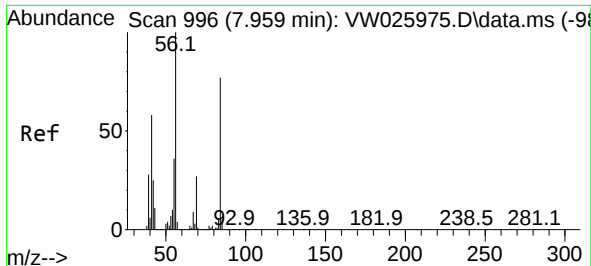
Tgt Ion: 83 Resp: 422472
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.9



#27
1,2-Dichloroethane
Concen: 27.925 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

Tgt Ion: 62 Resp: 288934
Ion Ratio Lower Upper
62 100
98 8.8 7.2 10.8





#29

Cyclohexane

Concen: 27.096 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

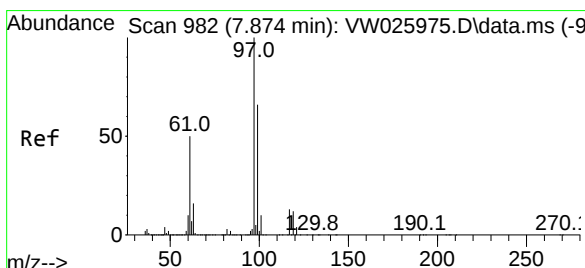
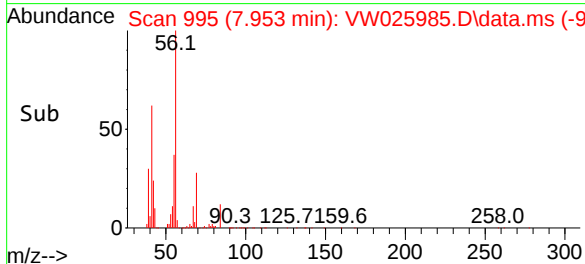
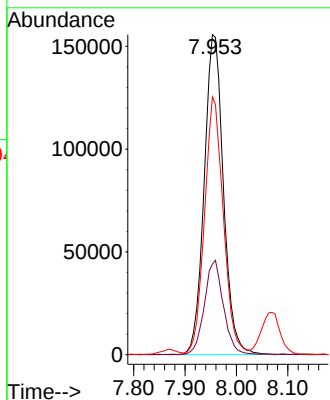
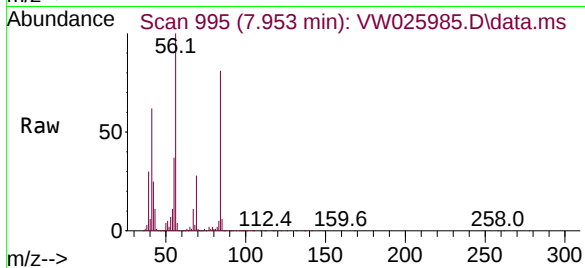
Tgt Ion: 56 Resp: 405050

Ion Ratio Lower Upper

56 100

69 29.1 23.4 35.0

84 79.1 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 28.763 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

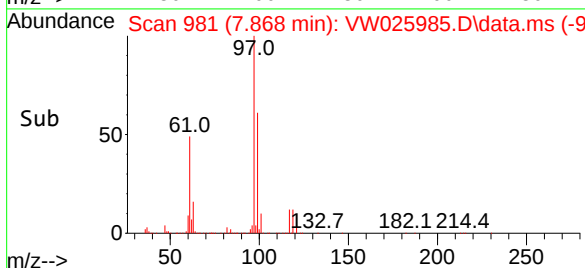
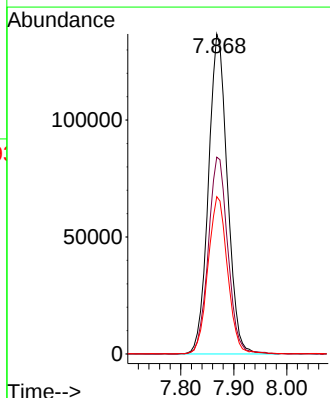
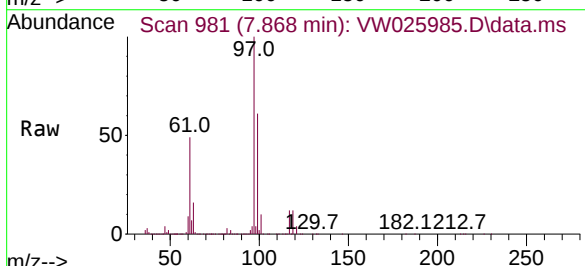
Tgt Ion: 97 Resp: 339319

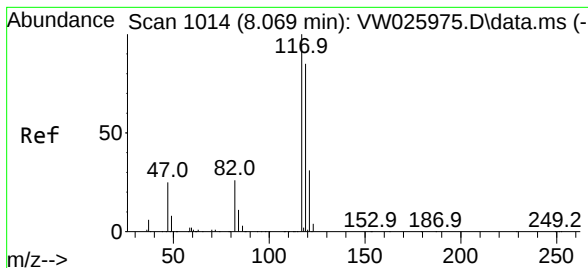
Ion Ratio Lower Upper

97 100

99 63.6 51.1 76.7

61 50.3 40.4 60.6





#31

Carbon tetrachloride

Concen: 28.450 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

Instrument :

MSVOA_W

ClientSampleId :

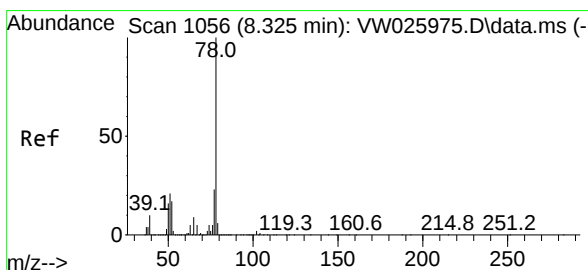
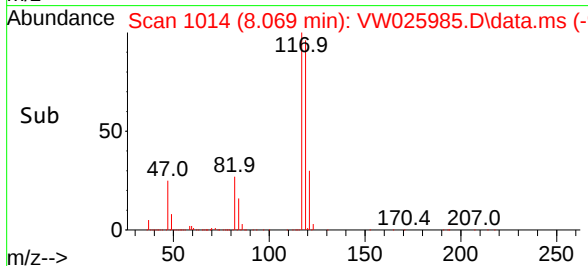
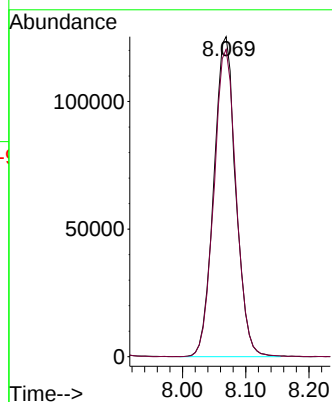
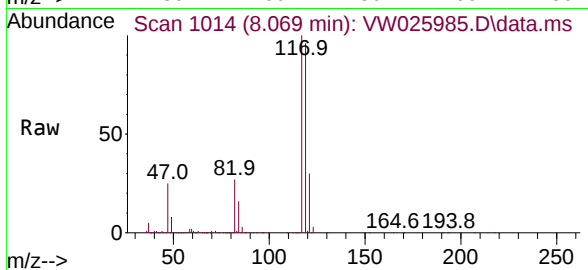
VSTD025491

Tgt Ion:117 Resp: 302048

Ion Ratio Lower Upper

117 100

119 97.4 76.9 115.3



#33

Benzene

Concen: 27.863 ug/L

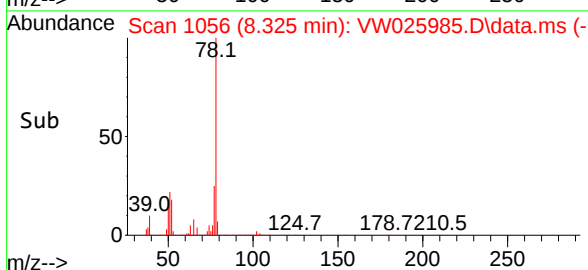
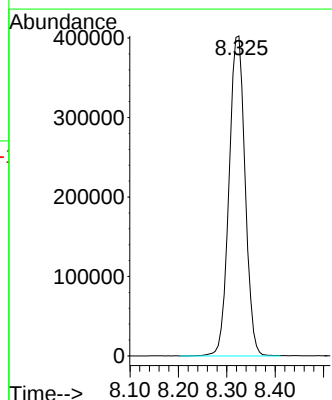
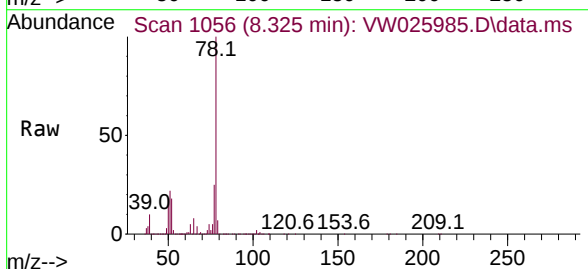
RT: 8.325 min Scan# 1056

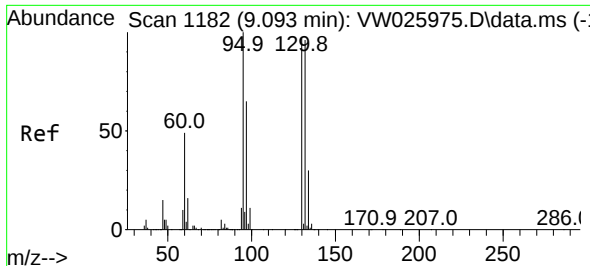
Delta R.T. -0.000 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

Tgt Ion: 78 Resp: 929910

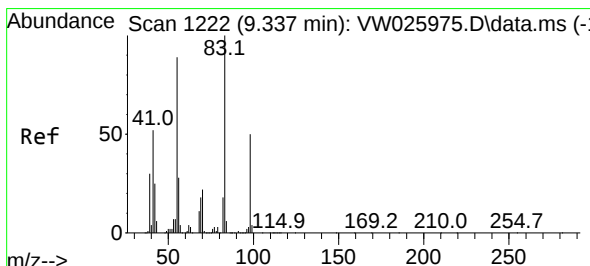
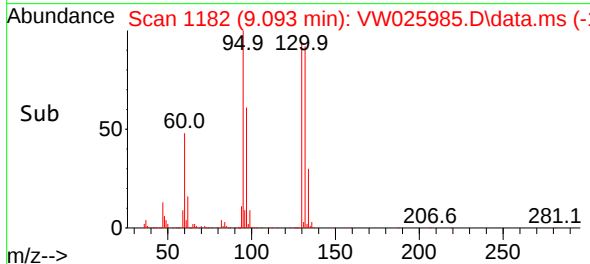
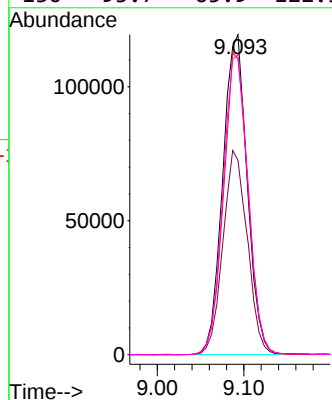
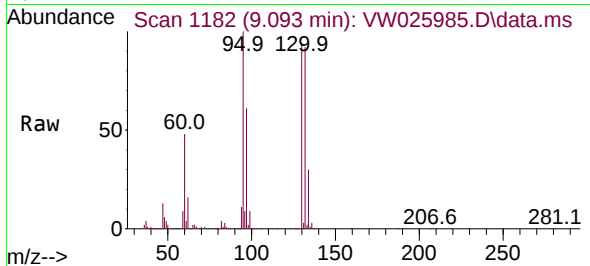




#34
Trichloroethene
Concen: 27.259 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

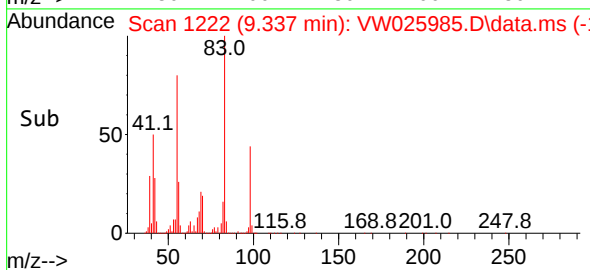
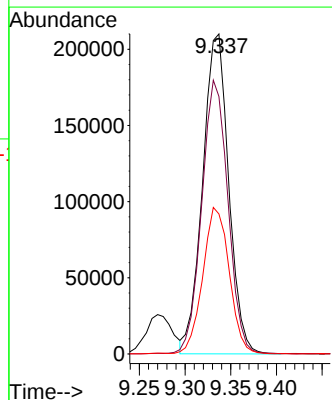
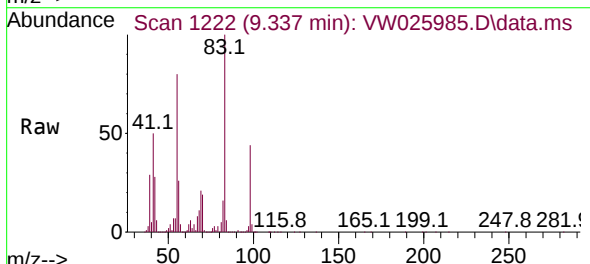
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

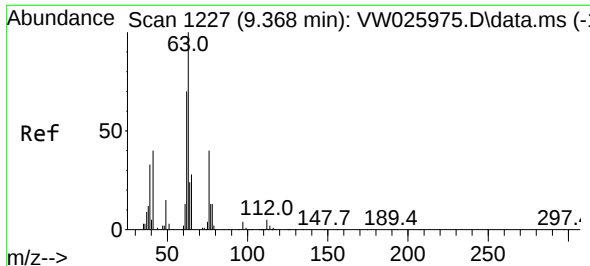
Tgt Ion: 95 Resp: 233441
Ion Ratio Lower Upper
95 100
97 60.8 45.9 85.3
132 92.4 66.0 122.6
130 93.7 65.9 122.3



#35
Methylcyclohexane
Concen: 27.345 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

Tgt Ion: 83 Resp: 416508
Ion Ratio Lower Upper
83 100
55 86.1 69.0 103.4
98 46.5 37.1 55.7





#37

1,2-Dichloropropane

Concen: 27.817 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

Instrument :

MSVOA_W

ClientSampleId :

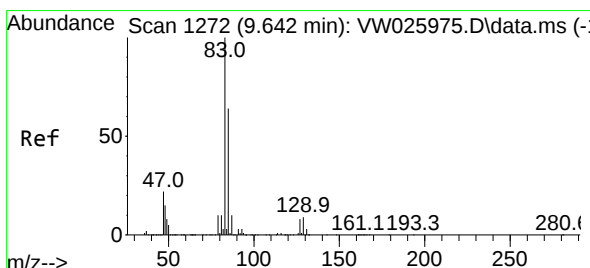
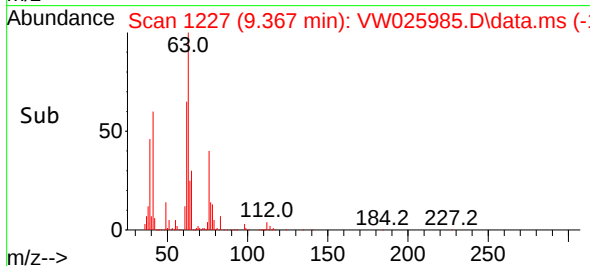
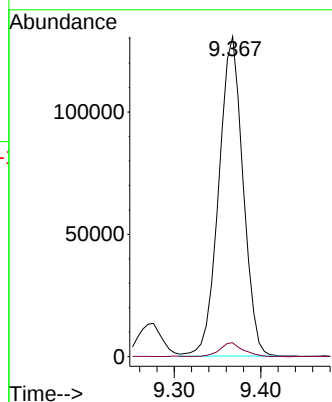
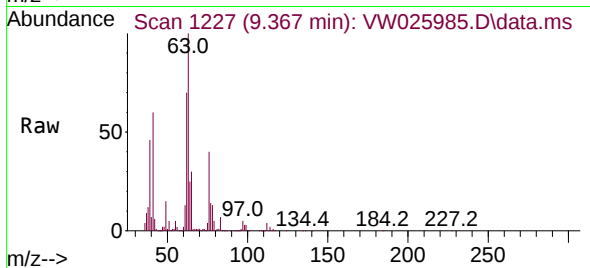
VSTD025491

Tgt Ion: 63 Resp: 254350

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 27.851 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

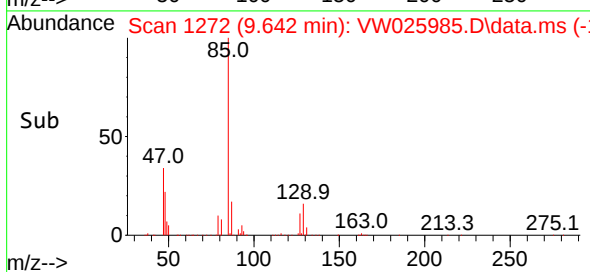
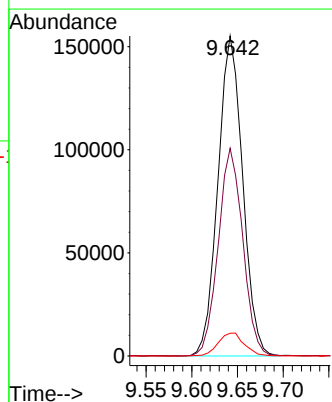
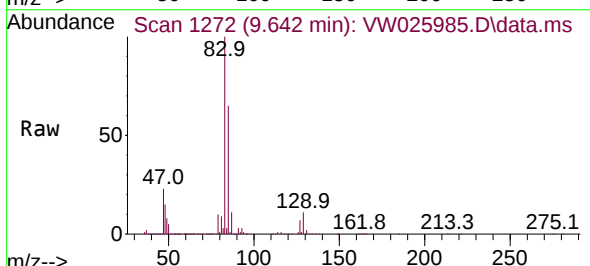
Tgt Ion: 83 Resp: 292167

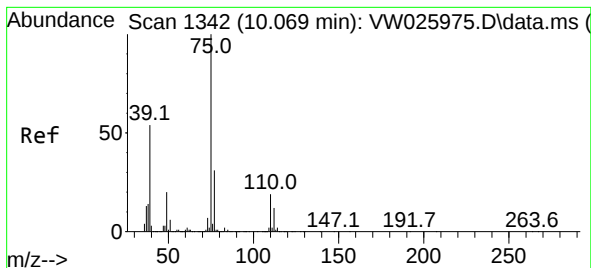
Ion Ratio Lower Upper

83 100

85 64.9 44.4 82.5

127 7.1 6.5 9.7

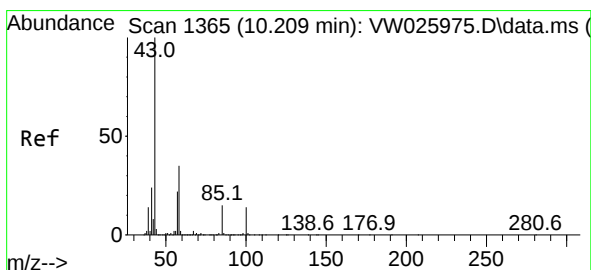
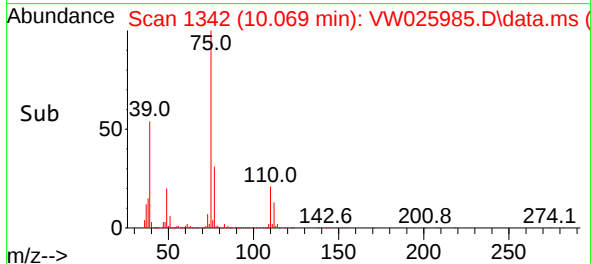
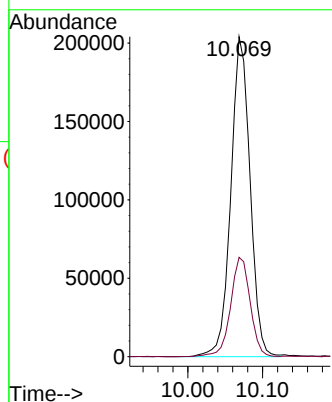
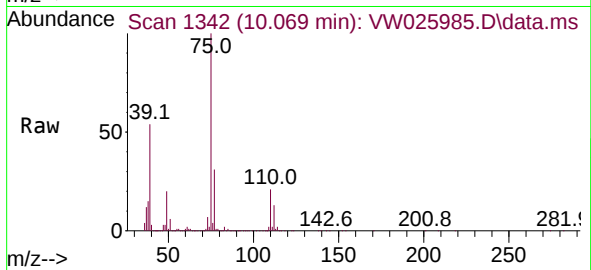




#39
 cis-1,3-Dichloropropene
 Concen: 27.218 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.000 min
 Lab File: VW025985.D
 Acq: 18 May 2023 09:30

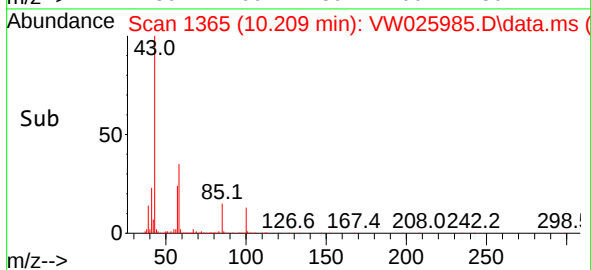
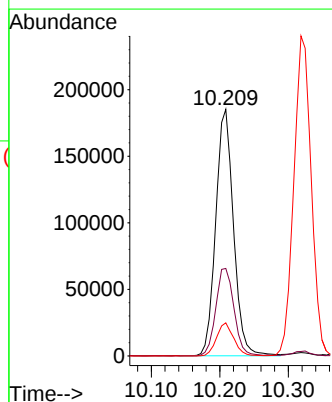
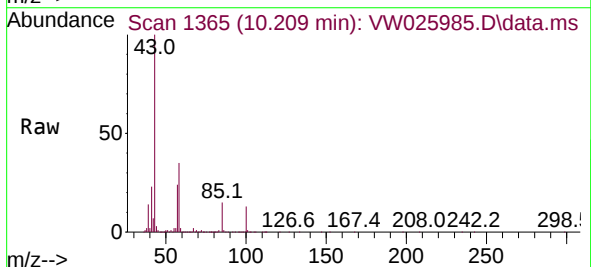
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025491

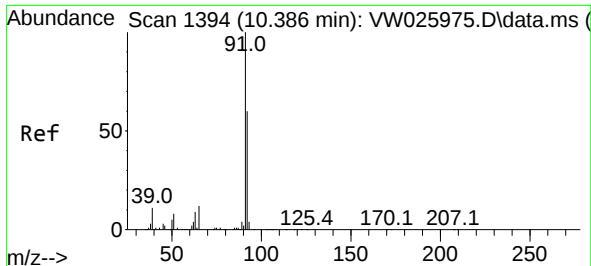
Tgt Ion: 75 Resp: 364966
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 56.055 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW025985.D
 Acq: 18 May 2023 09:30

Tgt Ion: 43 Resp: 333618
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.4 44.0
 100 13.0 10.1 15.1

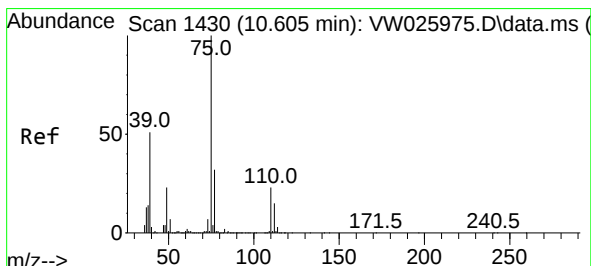
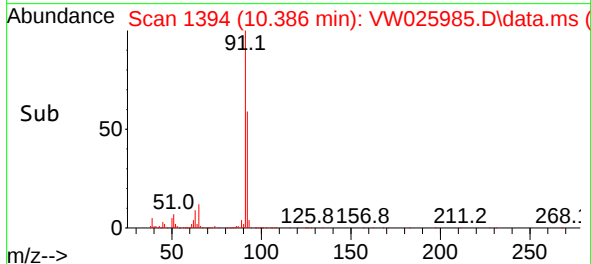
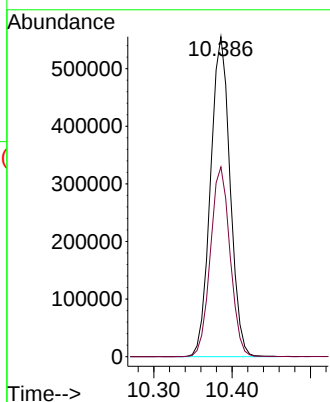
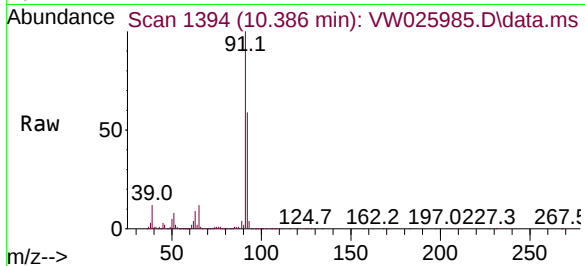




#42
Toluene
Concen: 28.299 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

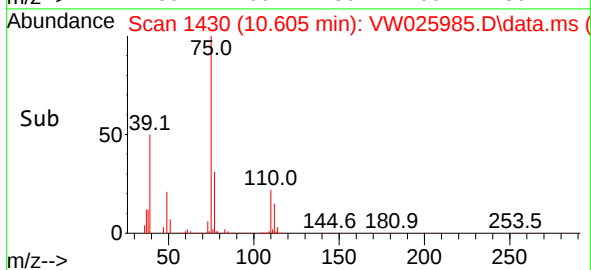
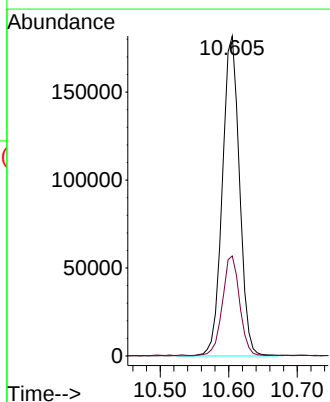
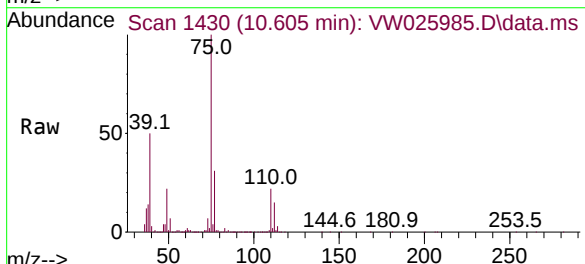
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

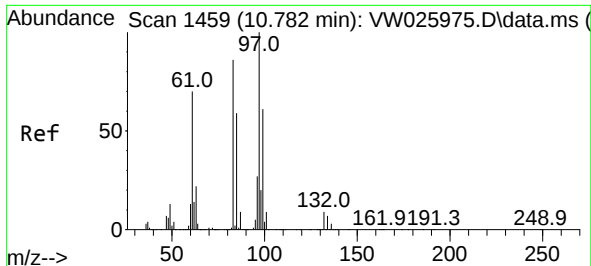
Tgt Ion: 91 Resp: 965033
Ion Ratio Lower Upper
91 100
92 59.3 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 28.365 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

Tgt Ion: 75 Resp: 315148
Ion Ratio Lower Upper
75 100
77 31.2 21.8 40.4



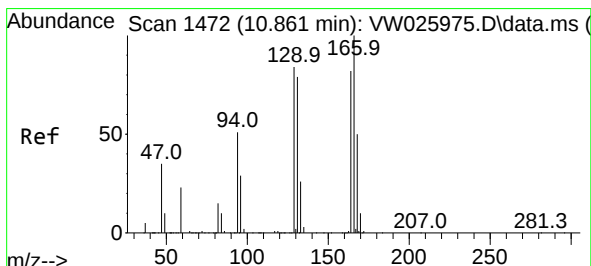
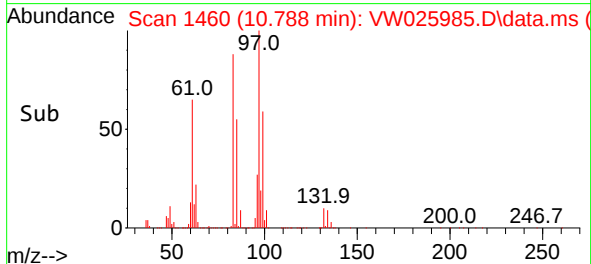
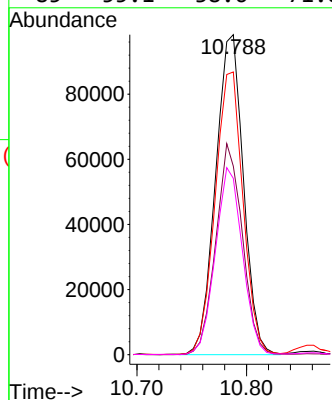
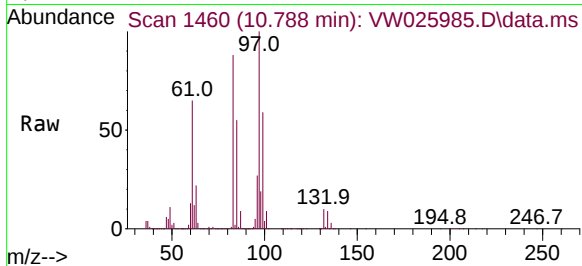


#45
1,1,2-Trichloroethane
Concen: 28.385 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

Tgt Ion: 97 Resp: 173616

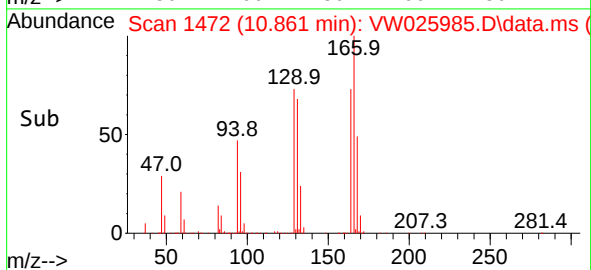
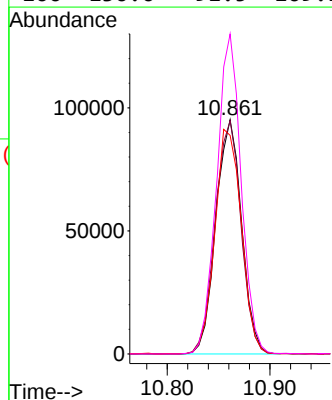
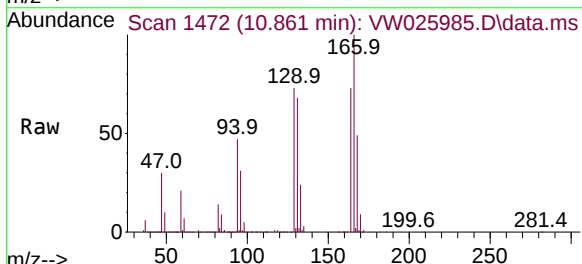
Ion	Ratio	Lower	Upper
97	100		
99	58.9	44.5	82.7
83	88.4	63.0	117.0
85	55.1	38.6	71.8

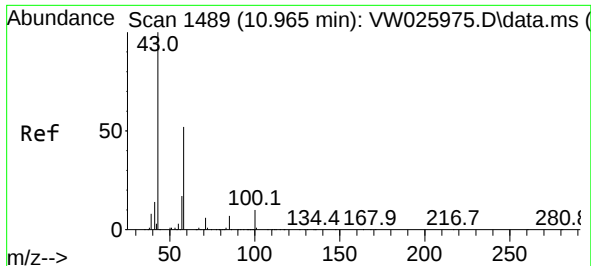


#46
Tetrachloroethene
Concen: 27.450 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

Tgt Ion:164 Resp: 165381

Ion	Ratio	Lower	Upper
164	100		
129	99.6	74.3	138.1
131	93.3	71.3	132.3
166	136.6	91.5	169.9



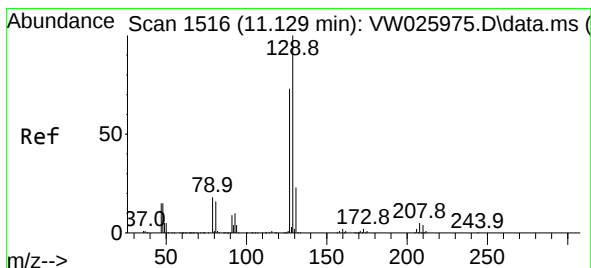
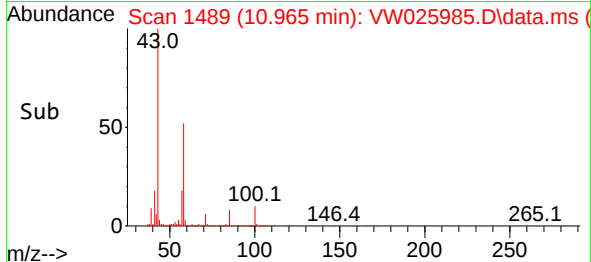
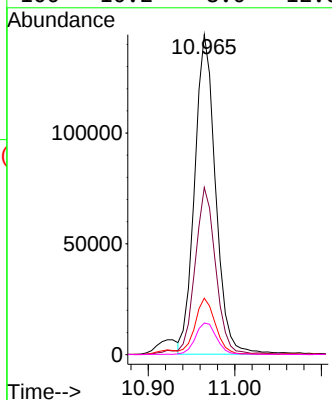
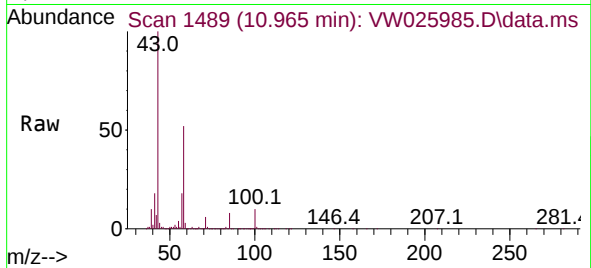


#48
2-Hexanone
Concen: 56.931 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

Tgt Ion: 43 Resp: 242735

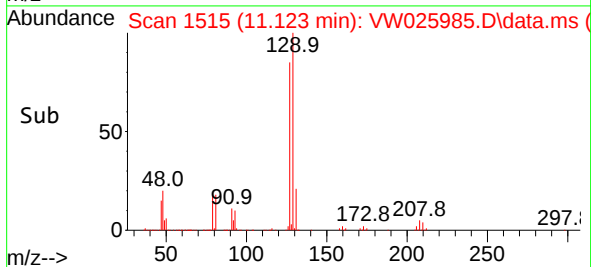
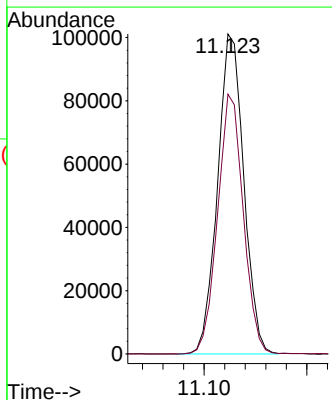
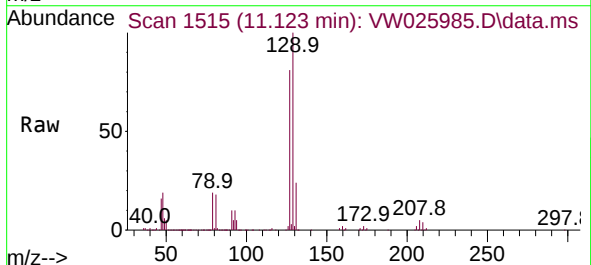
Ion	Ratio	Lower	Upper
43	100		
58	50.5	40.8	61.2
57	17.4	13.6	20.4
100	10.2	8.0	12.0

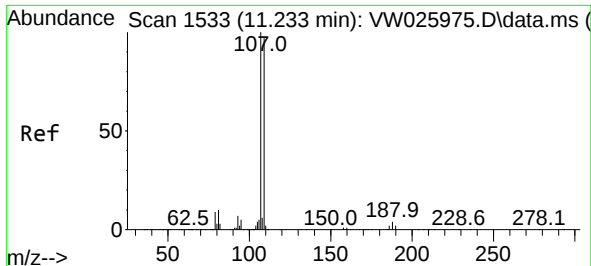


#49
Dibromochloromethane
Concen: 28.263 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

Tgt Ion: 129 Resp: 178968

Ion	Ratio	Lower	Upper
129	100		
127	81.2	56.1	104.3





#50

1,2-Dibromoethane

Concen: 28.373 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

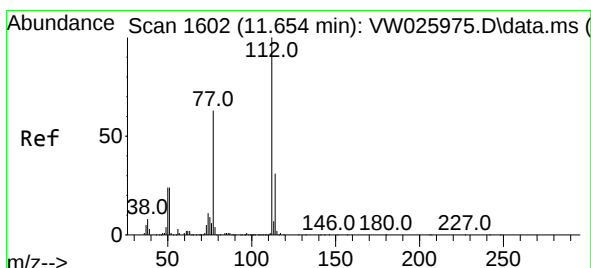
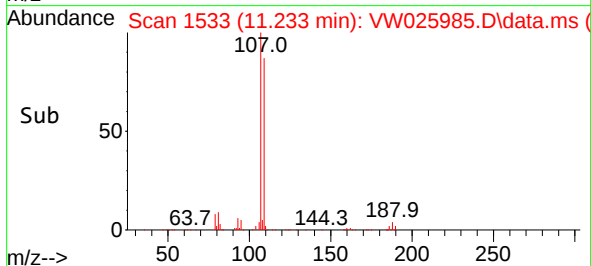
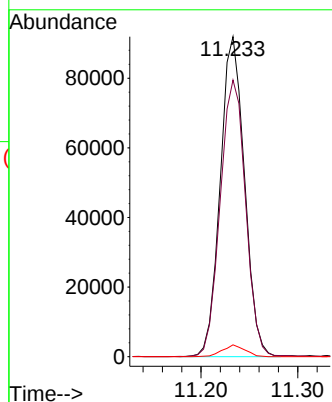
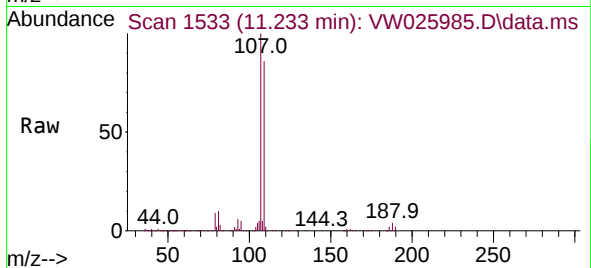
Tgt Ion:107 Resp: 159985

Ion Ratio Lower Upper

107 100

109 86.5 67.5 125.4

188 3.9 2.6 4.0



#51

Chlorobenzene

Concen: 27.785 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

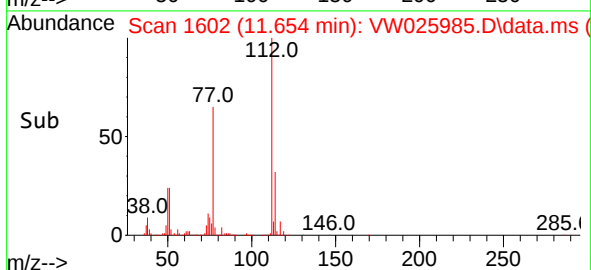
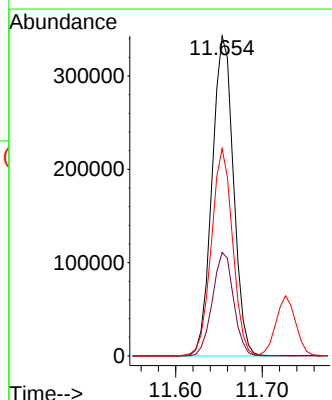
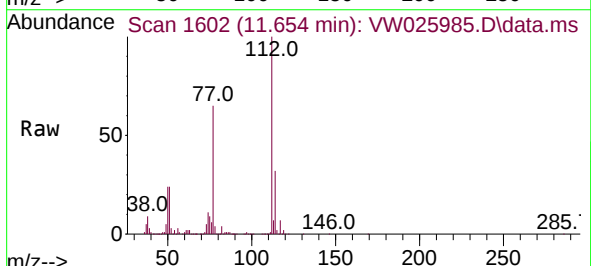
Tgt Ion:112 Resp: 586974

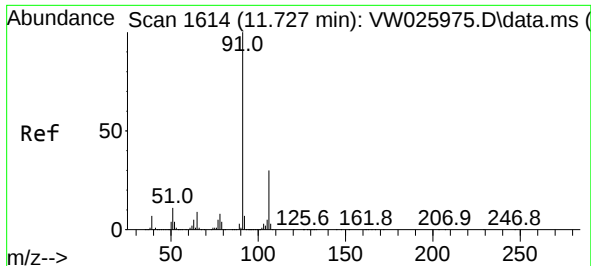
Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.3

77 64.8 53.0 79.6

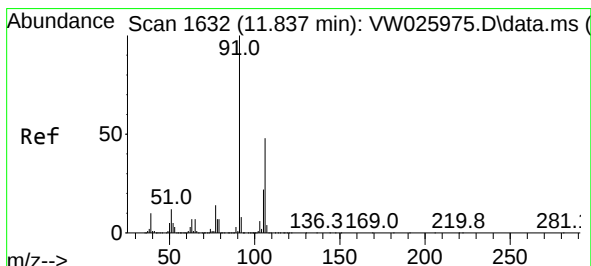
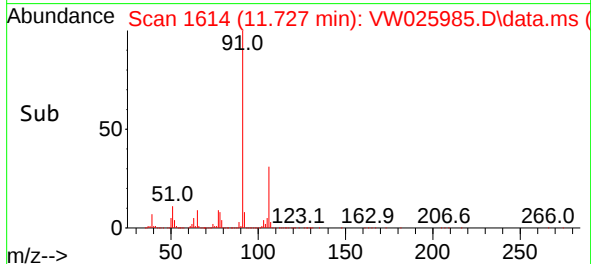
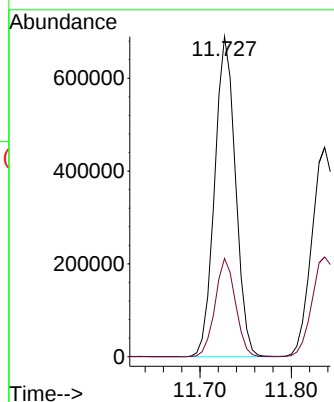
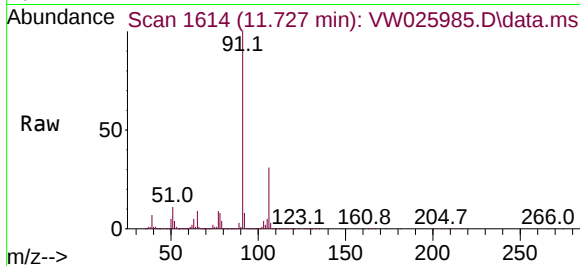




#52
Ethylbenzene
Concen: 28.450 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

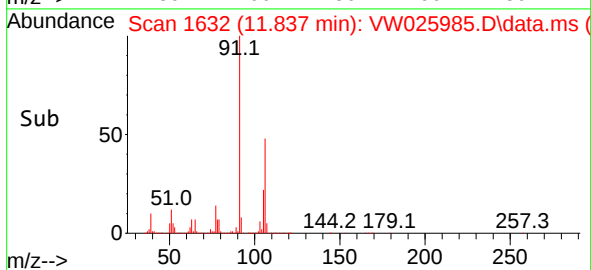
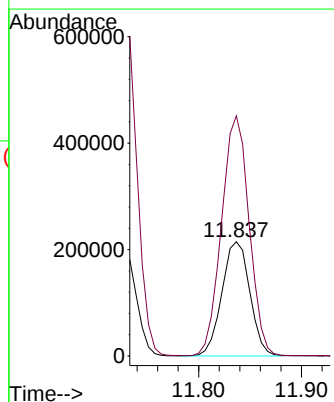
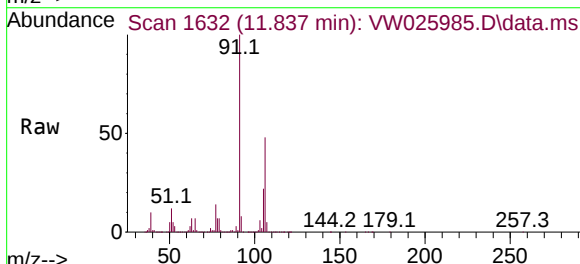
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

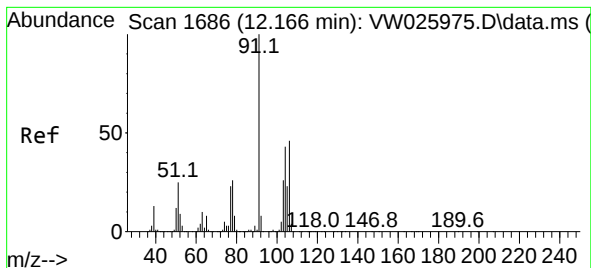
Tgt Ion: 91 Resp: 1091333
Ion Ratio Lower Upper
91 100
106 30.7 20.8 38.6



#53
m,p-Xylene
Concen: 28.639 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

Tgt Ion: 106 Resp: 404327
Ion Ratio Lower Upper
106 100
91 210.2 150.1 278.9





#54

o-Xylene

Concen: 28.710 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

Instrument :

MSVOA_W

ClientSampleId :

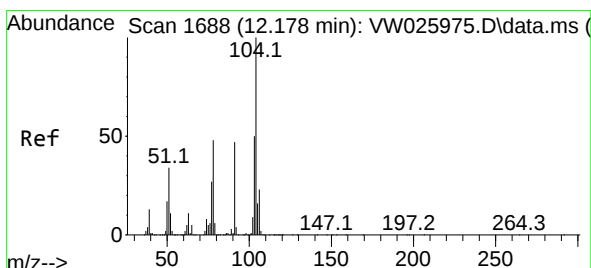
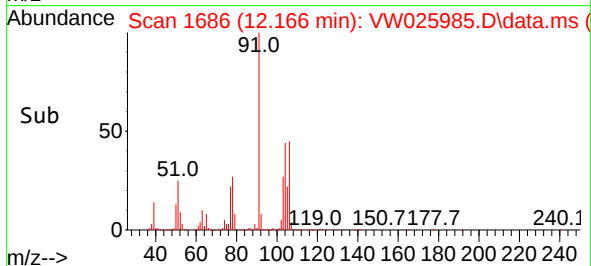
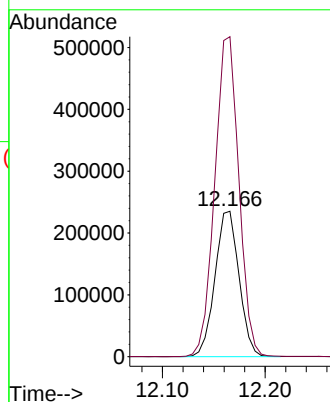
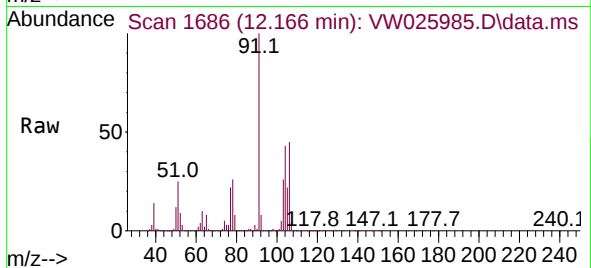
VSTD025491

Tgt Ion:106 Resp: 382044

Ion Ratio Lower Upper

106 100

91 219.9 157.8 293.1



#55

Styrene

Concen: 29.313 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW025985.D

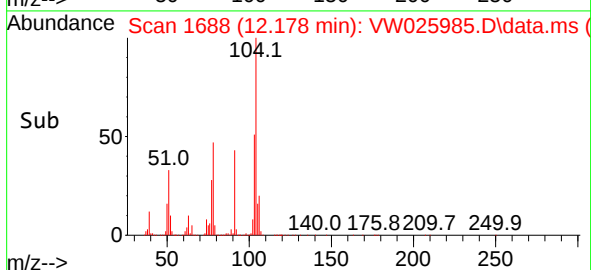
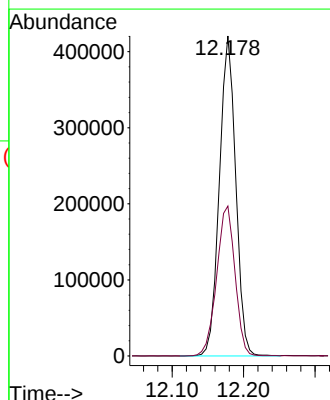
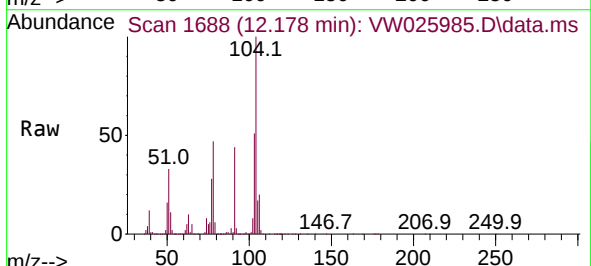
Acq: 18 May 2023 09:30

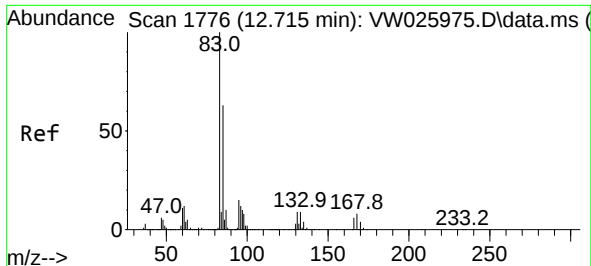
Tgt Ion:104 Resp: 667642

Ion Ratio Lower Upper

104 100

78 46.9 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 28.934 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

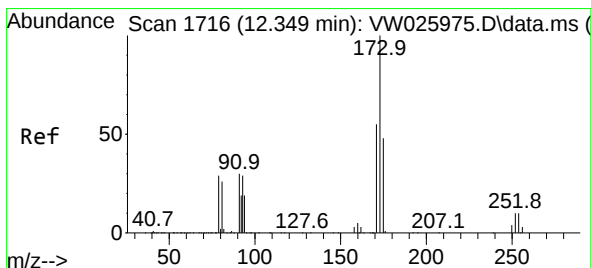
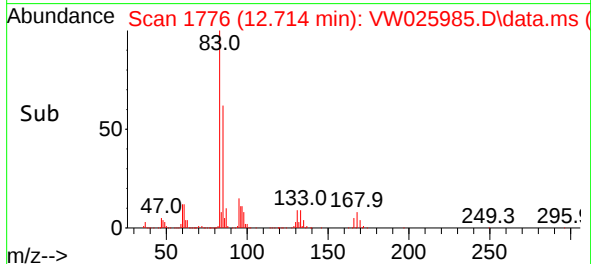
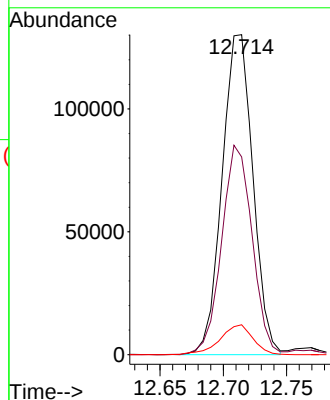
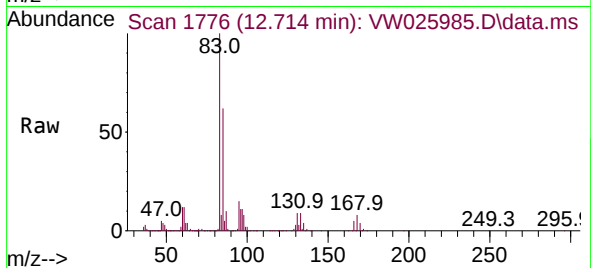
Tgt Ion: 83 Resp: 220819

Ion Ratio Lower Upper

83 100

85 61.8 45.6 84.8

131 9.3 8.1 12.1



#59

Bromoform

Concen: 27.797 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

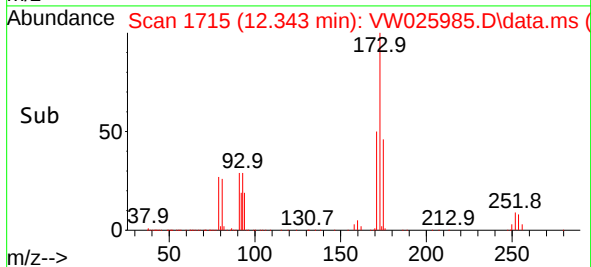
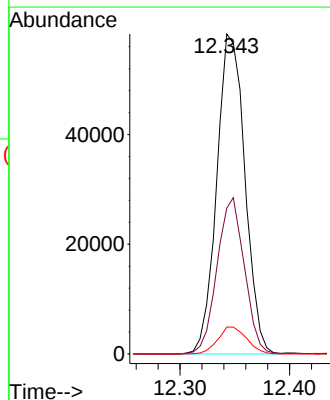
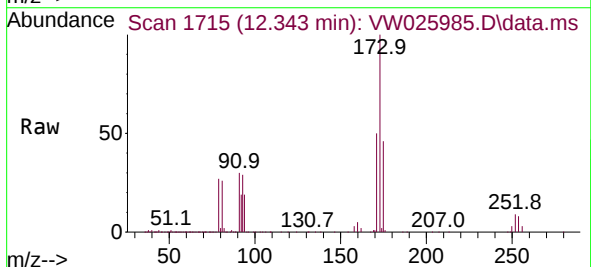
Tgt Ion: 173 Resp: 104071

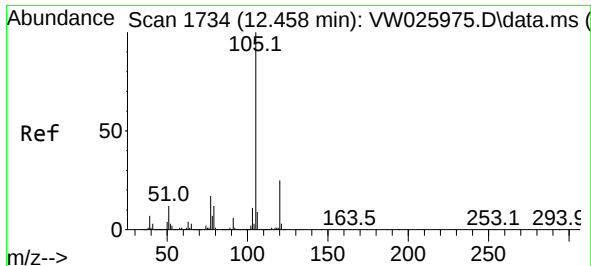
Ion Ratio Lower Upper

173 100

175 47.4 38.6 57.8

254 8.7 7.6 11.4

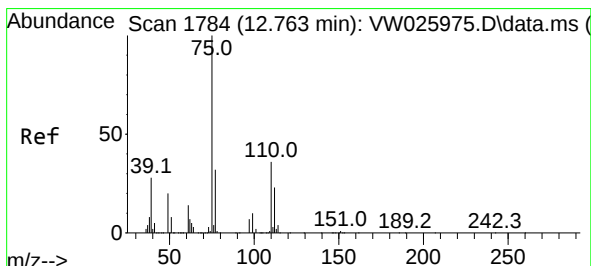
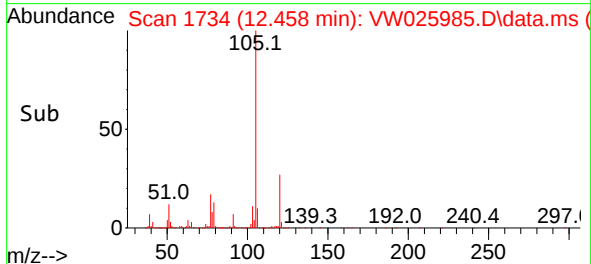
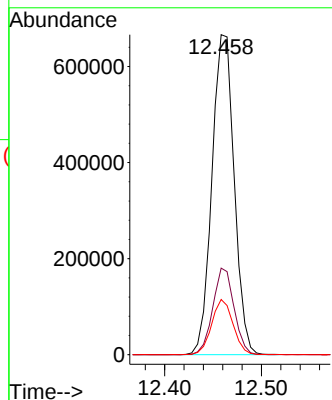
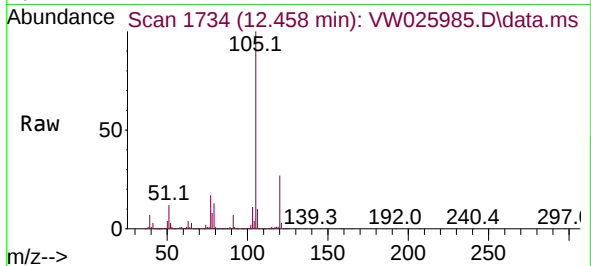




#60
Isopropylbenzene
Concen: 27.691 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

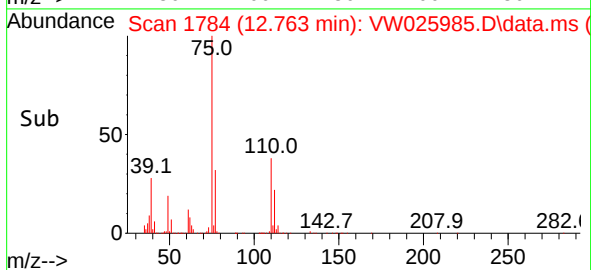
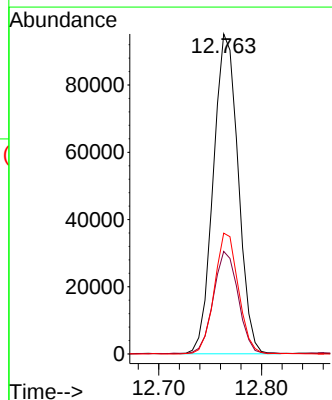
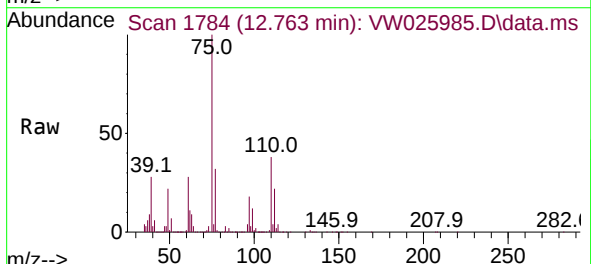
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

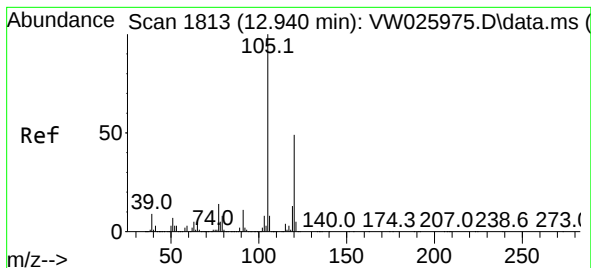
Tgt Ion:105 Resp: 1063932
Ion Ratio Lower Upper
105 100
120 25.8 21.1 31.7
77 16.5 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 26.768 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

Tgt Ion: 75 Resp: 159905
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
110 36.4 27.6 41.4

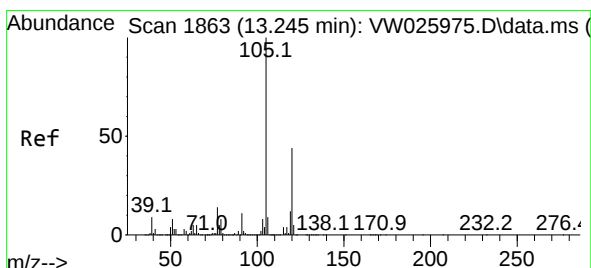
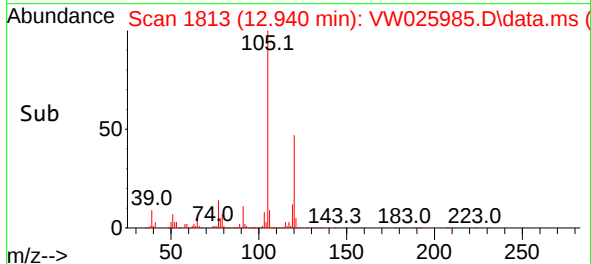
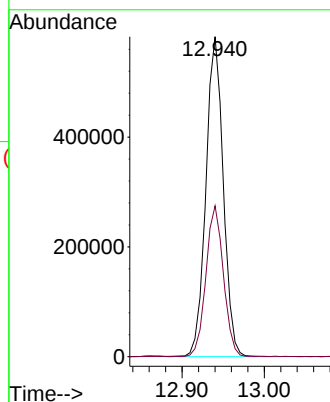
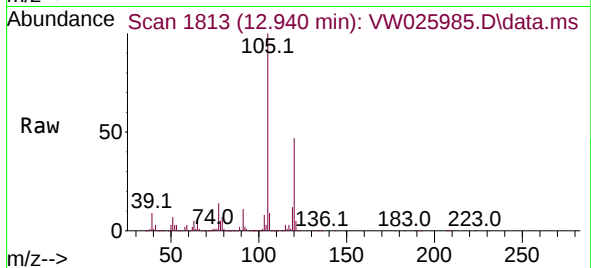




#62
1,3,5-Trimethylbenzene
Concen: 28.080 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

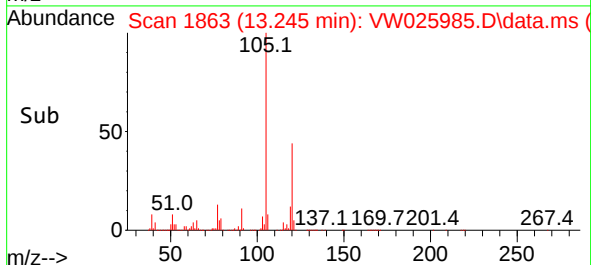
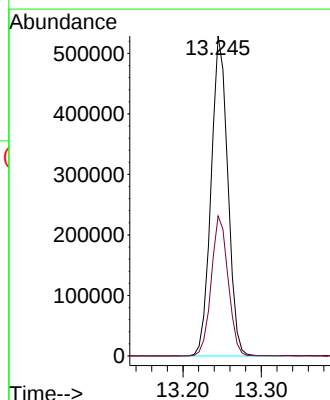
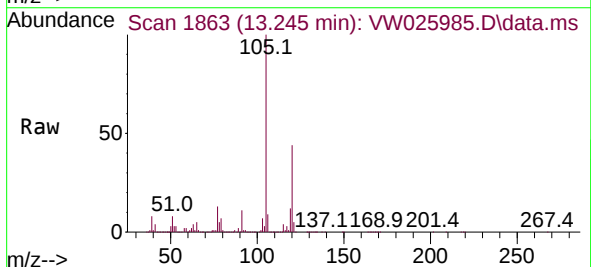
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

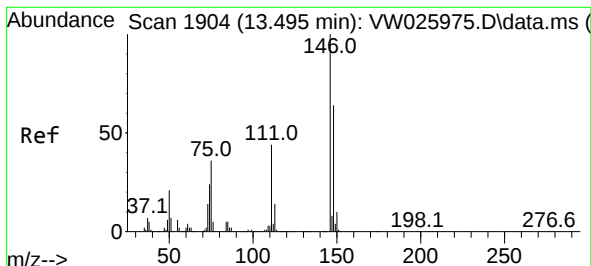
Tgt Ion:105 Resp: 854531
Ion Ratio Lower Upper
105 100
120 47.5 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 27.844 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025985.D
Acq: 18 May 2023 09:30

Tgt Ion:105 Resp: 781912
Ion Ratio Lower Upper
105 100
120 44.1 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 26.599 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

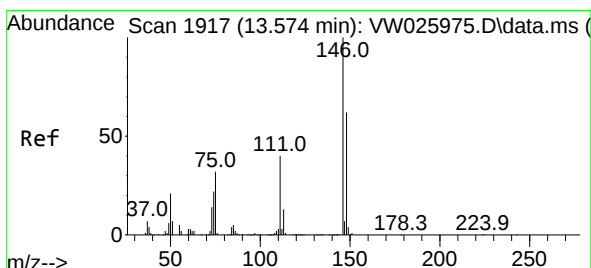
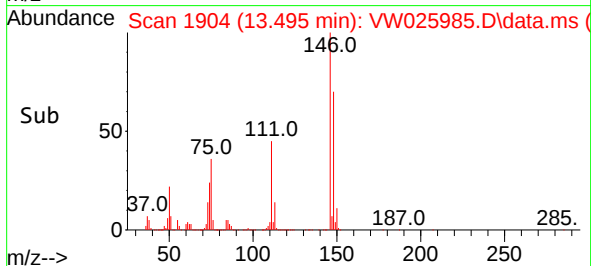
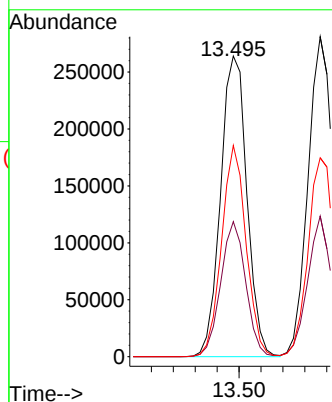
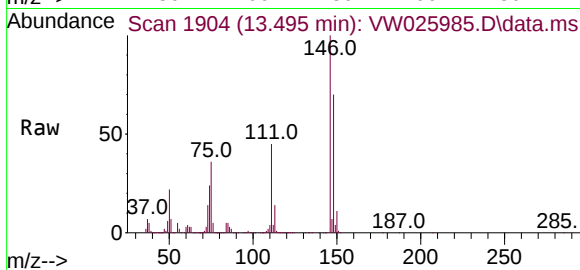
Tgt Ion:146 Resp: 439936

Ion Ratio Lower Upper

146 100

111 44.9 30.4 56.4

148 70.2 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 26.972 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

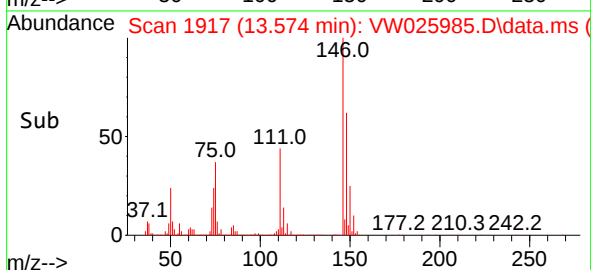
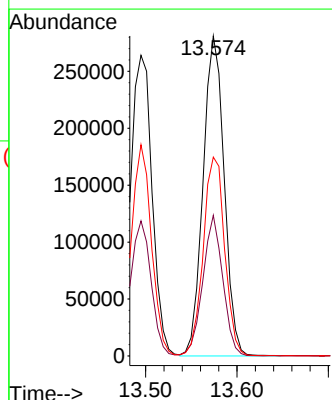
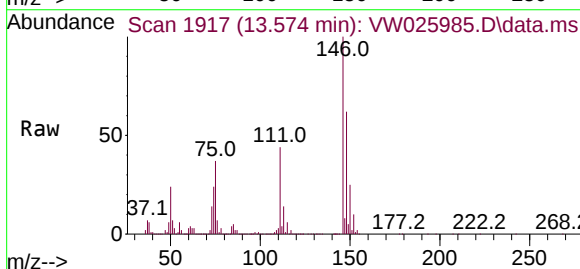
Tgt Ion:146 Resp: 450698

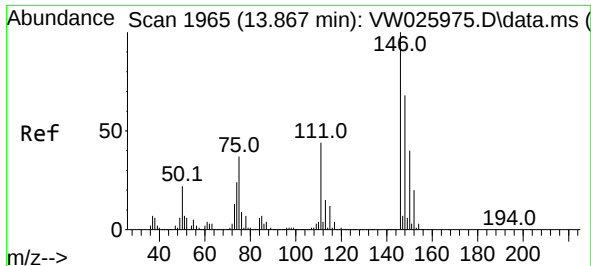
Ion Ratio Lower Upper

146 100

111 44.0 27.9 51.9

148 62.2 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 27.261 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

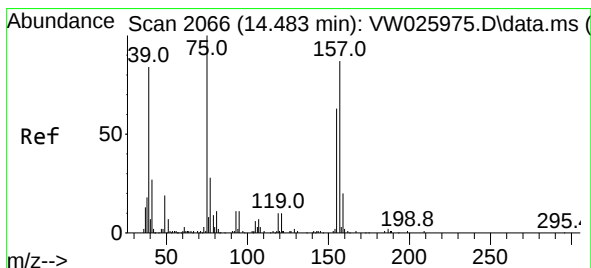
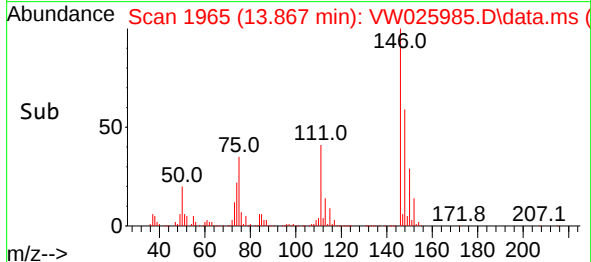
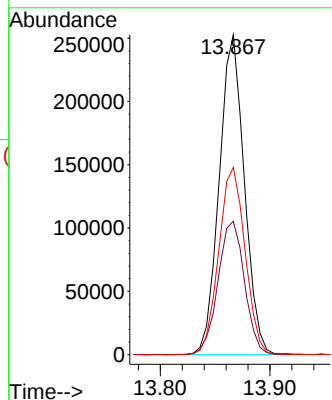
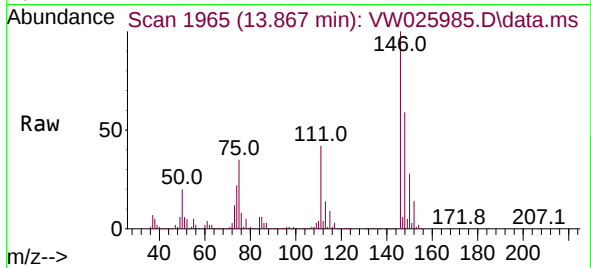
Tgt Ion:146 Resp: 402115

Ion Ratio Lower Upper

146 100

111 41.7 37.7 56.5

148 58.5 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.904 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

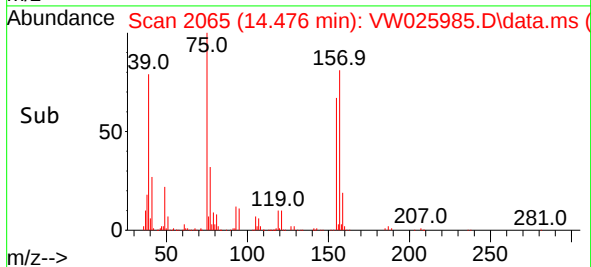
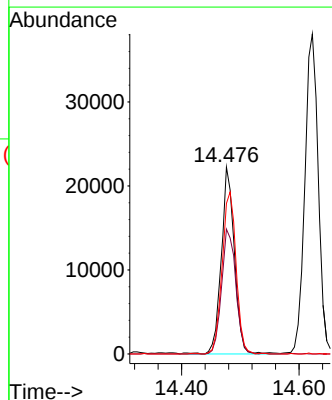
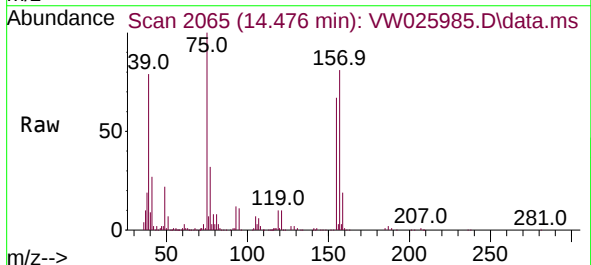
Tgt Ion: 75 Resp: 34497

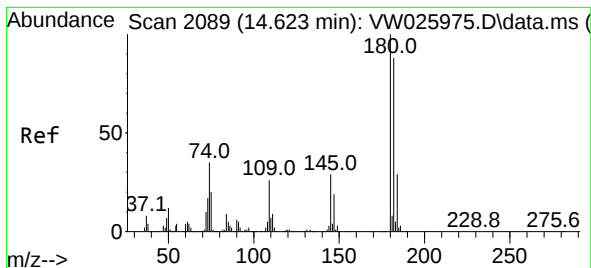
Ion Ratio Lower Upper

75 100

155 66.8 56.3 84.5

157 80.6 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 26.804 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

Tgt Ion:180 Resp: 294276

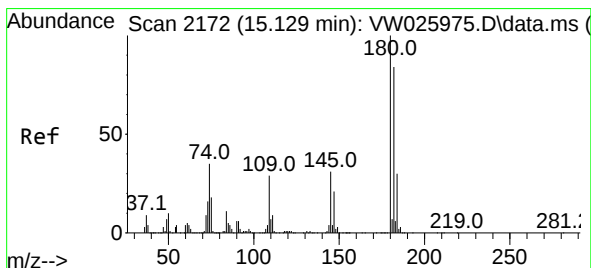
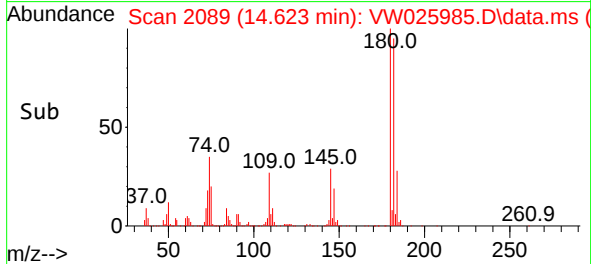
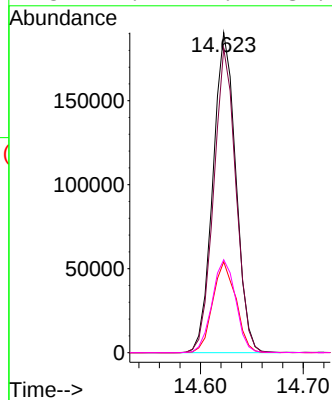
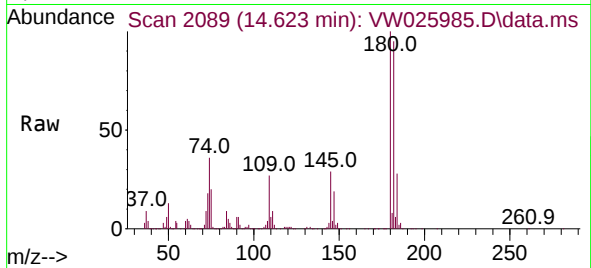
Ion Ratio Lower Upper

180 100

182 92.4 77.4 116.0

184 28.8 24.7 37.1

145 29.9 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 25.405 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

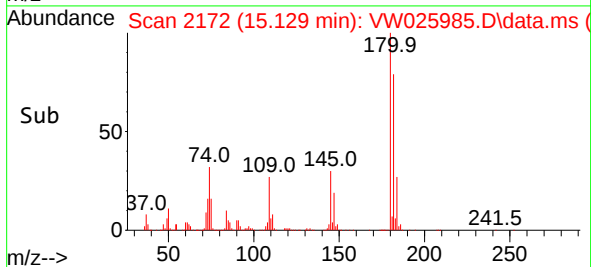
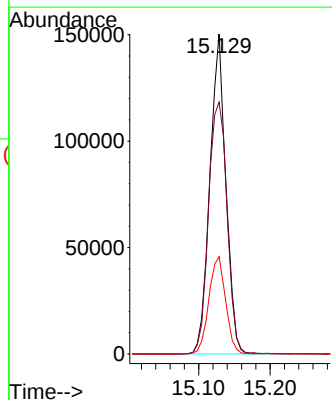
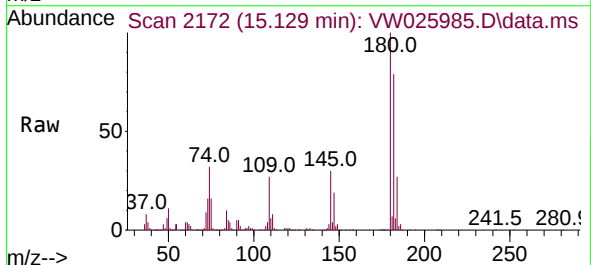
Tgt Ion:180 Resp: 233668

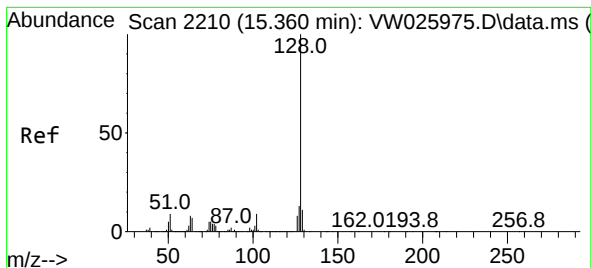
Ion Ratio Lower Upper

180 100

182 90.9 74.3 111.5

145 31.8 25.4 38.0





#71

Naphthalene

Concen: 26.083 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

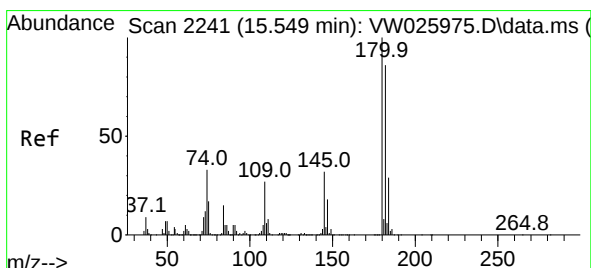
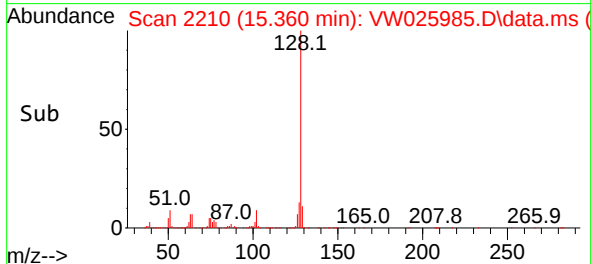
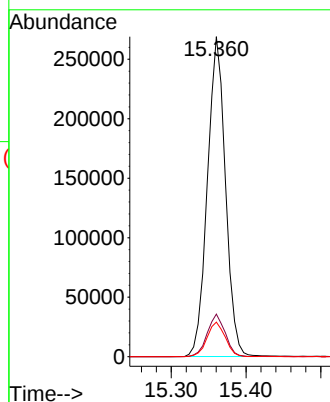
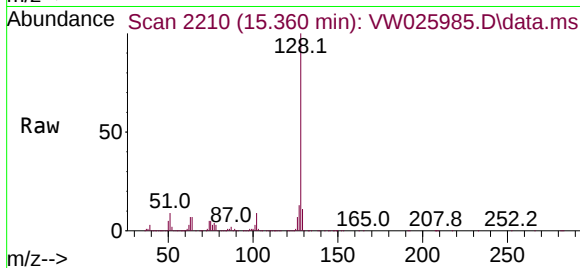
Tgt Ion:128 Resp: 452802

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.846 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025985.D

Acq: 18 May 2023 09:30

Tgt Ion:180 Resp: 210930

Ion Ratio Lower Upper

180 100

182 94.8 76.1 114.1

145 34.2 28.0 42.0

