

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080124\
 Data File : VW029821.D
 Acq On : 01 Aug 2024 09:41
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025565

Quant Time: Aug 02 01:39:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 01 04:42:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	239579	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	228057	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	112321	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	63009	18.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.120%
7) Chloroethane-d5	2.893	69	53032	21.839	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.360%
11) 1,1-Dichloroethene-d2	4.021	65	31648	20.384	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.520%
21) 2-Butanone-d5	7.075	46	45686	49.007	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.020%
24) Chloroform-d	7.648	84	161813	26.091	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.360%
26) 1,2-Dichloroethane-d4	8.301	65	92456	26.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.680%
32) Benzene-d6	8.270	84	300940	24.422	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.680%
36) 1,2-Dichloropropane-d6	9.270	67	98637	25.069	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.280%
41) Toluene-d8	10.318	98	267494	24.414	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.640%
43) trans-1,3-Dichloroprop...	10.575	79	39248	24.651	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.600%
47) 2-Hexanone-d5	10.922	63	31400	48.398	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77823	26.638	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	88138	25.271	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	85197	26.382	ug/L	93
3) Chloromethane	2.222	50	102937	25.759	ug/L	98
5) Vinyl chloride	2.381	62	114446	25.560	ug/L	97
6) Bromomethane	2.789	94	62610	25.465	ug/L	95
8) Chloroethane	2.936	64	68320	26.822	ug/L	94
9) Trichlorofluoromethane	3.265	101	85699	23.961	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	87074	24.444	ug/L	96
12) 1,1-Dichloroethene	4.045	96	83267	25.441	ug/L	92
13) Acetone	4.118	43	72004	62.152	ug/L	97
14) Carbon disulfide	4.387	76	279004	25.616	ug/L	98
15) Methyl Acetate	4.667	43	50307	26.070	ug/L	100
16) Methylene chloride	4.923	84	103368	20.639	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	91586	25.967	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	147592	25.390	ug/L	97
19) 1,1-Dichloroethane	6.216	63	197121	26.499	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	101209	26.454	ug/L	96
22) 2-Butanone	7.167	43	79601	53.624	ug/L	99
23) Bromochloromethane	7.514	128	42435	26.127	ug/L	94
25) Chloroform	7.673	83	191503	27.325	ug/L	97

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 Response via : Initial Calibration

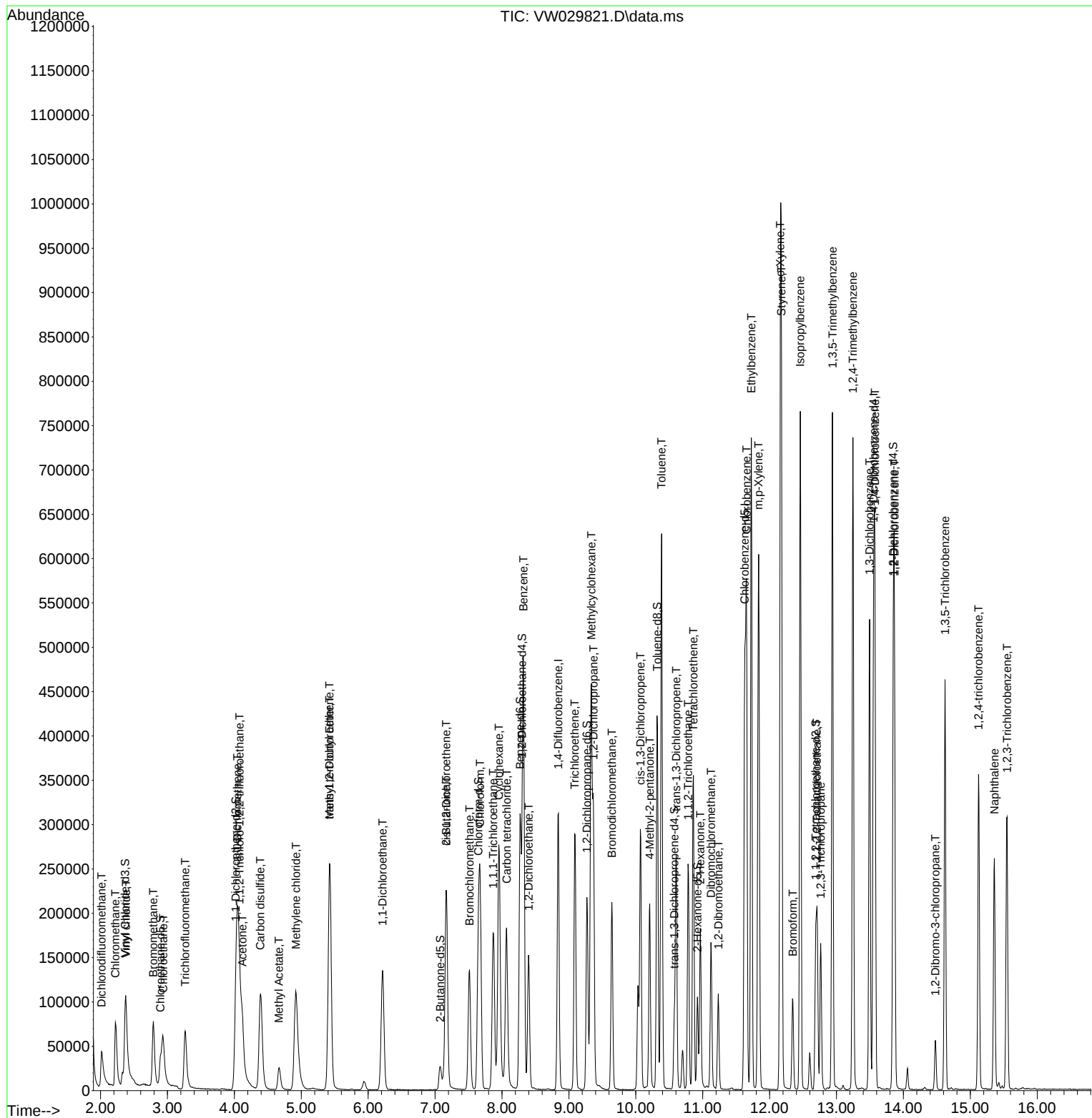
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	137466	26.914	ug/L	99
29) Cyclohexane	7.953	56	162133	25.017	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	146804	25.420	ug/L	99
31) Carbon tetrachloride	8.069	117	135766	26.089	ug/L	99
33) Benzene	8.319	78	410600	26.277	ug/L	100
34) Trichloroethene	9.087	95	103797	25.339	ug/L	90
35) Methylcyclohexane	9.337	83	170074	24.917	ug/L	97
37) 1,2-Dichloropropane	9.367	63	112988	26.386	ug/L	99
38) Bromodichloromethane	9.642	83	136003	26.671	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	164843	26.433	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	141514	52.029	ug/L	100
42) Toluene	10.386	91	429309	26.916	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	139489	26.944	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	75664	26.302	ug/L	96
46) Tetrachloroethene	10.861	164	73745	24.769	ug/L	90
48) 2-Hexanone	10.965	43	118692	58.265	ug/L	97
49) Dibromochloromethane	11.123	129	80599	26.989	ug/L	100
50) 1,2-Dibromoethane	11.233	107	67140	25.224	ug/L	94
51) Chlorobenzene	11.654	112	268729	27.086	ug/L	97
52) Ethylbenzene	11.727	91	479620	26.658	ug/L	100
53) m,p-Xylene	11.836	106	174888	26.431	ug/L	96
54) o-Xylene	12.160	106	167842	27.545	ug/L	96
55) Styrene	12.178	104	295577	27.985	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	91508	25.917	ug/L	96
59) Bromoform	12.349	173	44632	26.408	ug/L	99
60) Isopropylbenzene	12.458	105	453352	26.084	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	67730	24.793	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	380343	29.441	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	373019	26.998	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	195460	26.358	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	197776	25.964	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	173473	25.694	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	15032	24.234	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	125556	24.747	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	103147	24.131	ug/L	94
71) Naphthalene	15.360	128	205276	25.169	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	97244	25.136	ug/L	97

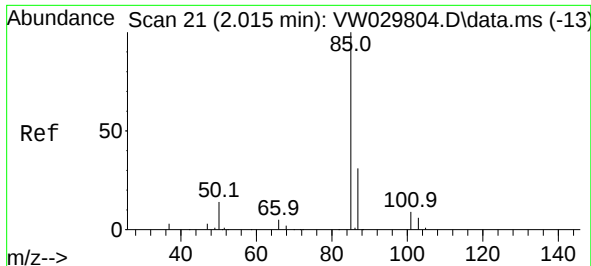
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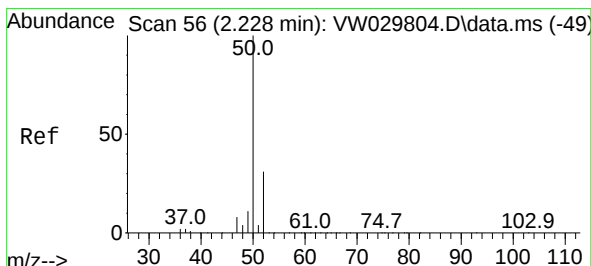
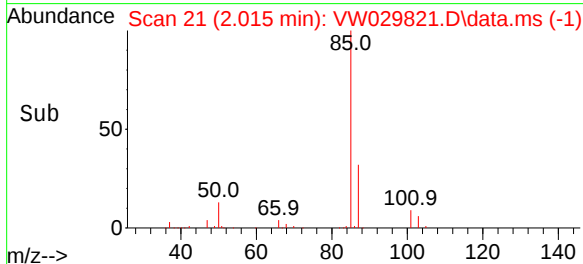
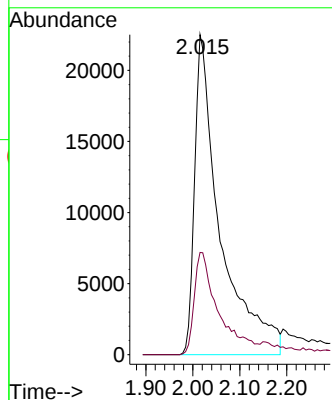
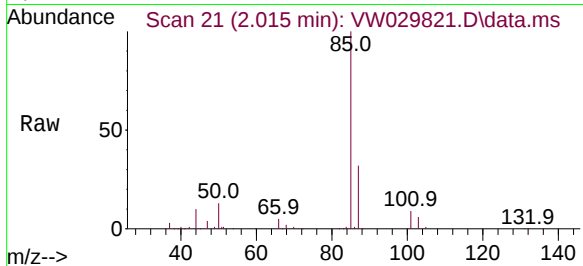




#2
 Dichlorodifluoromethane
 Concen: 26.382 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029821.D
 Acq: 01 Aug 2024 09:41

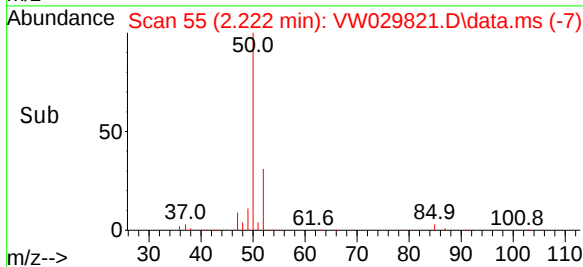
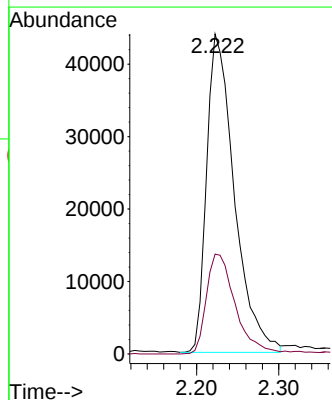
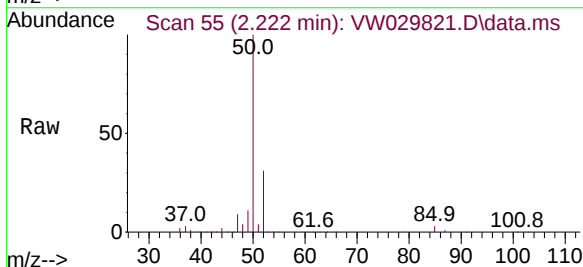
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 MSVOA_W
 ClientSampleId :
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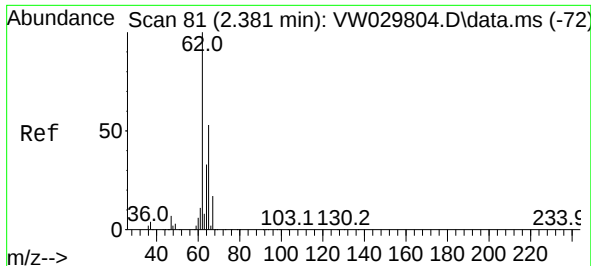
Tgt Ion: 85 Resp: 85197
 Ion Ratio Lower Upper
 85 100
 87 28.0 25.5 38.3



#3
 Chloromethane
 Concen: 25.759 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW029821.D
 Acq: 01 Aug 2024 09:41

Tgt Ion: 50 Resp: 102937
 Ion Ratio Lower Upper
 50 100
 52 31.2 22.5 41.9

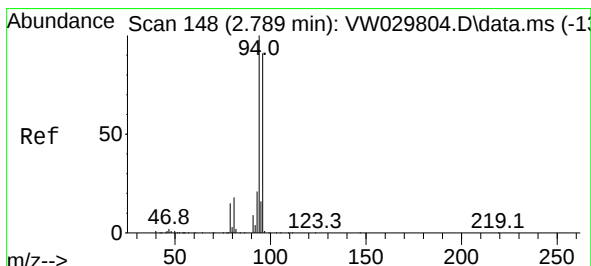
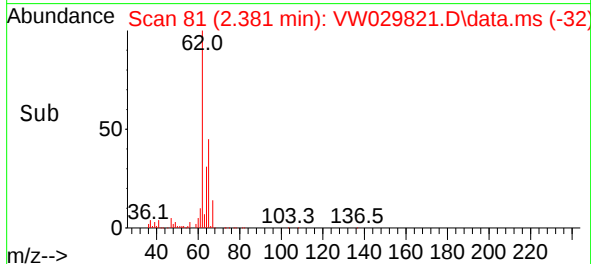
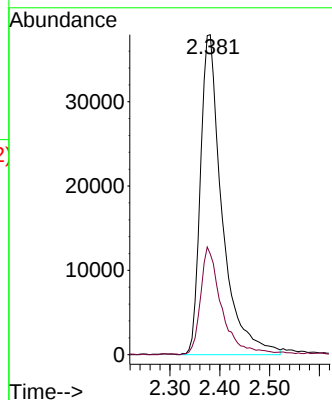
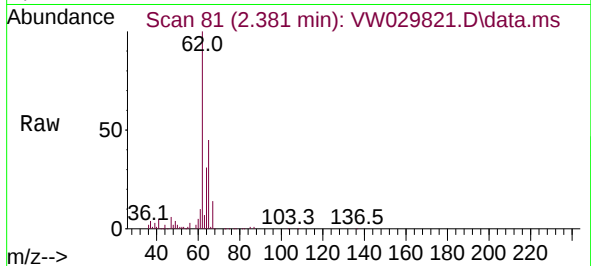




#5
 Vinyl chloride
 Concen: 25.560 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VW029821.D
 Acq: 01 Aug 2024 09:41

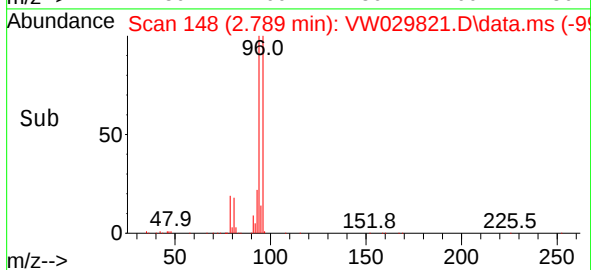
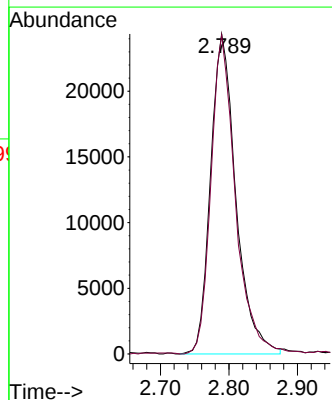
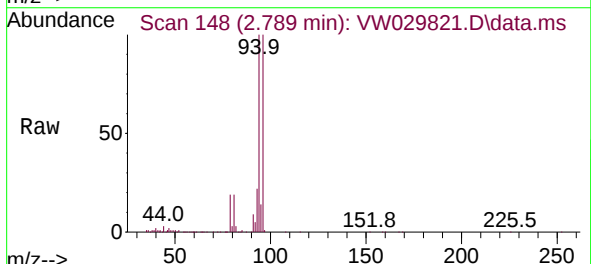
Instrument :
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 ClientSampleId :
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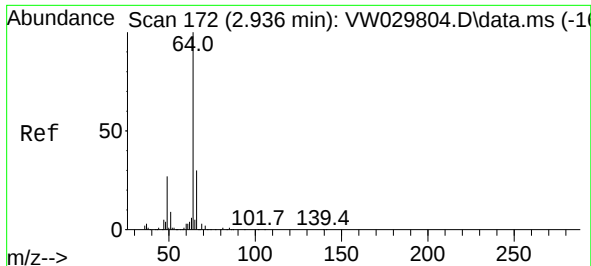
Tgt Ion: 62 Resp: 114446
 Ion Ratio Lower Upper
 62 100
 64 31.4 23.2 43.2



#6
 Bromomethane
 Concen: 25.465 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029821.D
 Acq: 01 Aug 2024 09:41

Tgt Ion: 94 Resp: 62610
 Ion Ratio Lower Upper
 94 100
 96 99.7 66.2 123.0

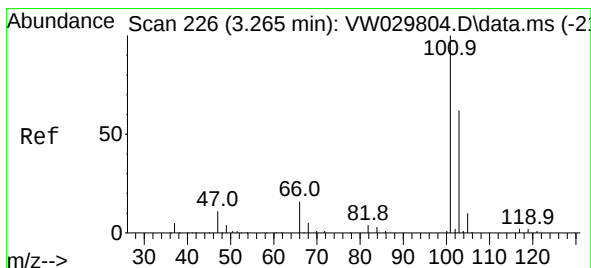
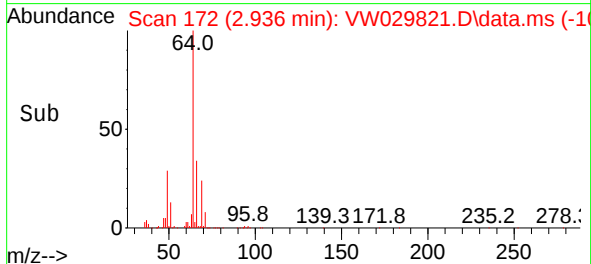
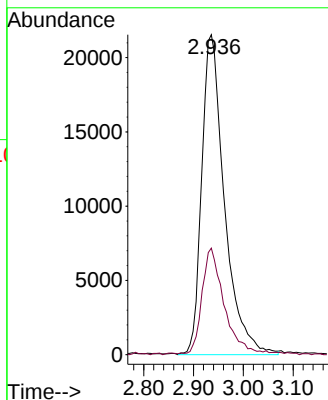
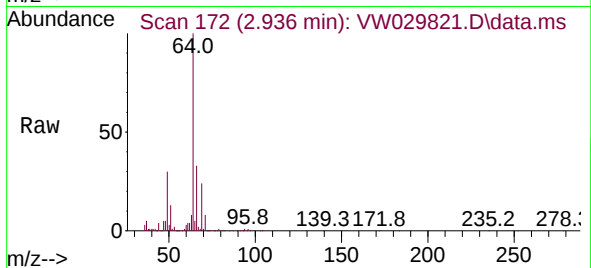




#8
Chloroethane
Concen: 26.822 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

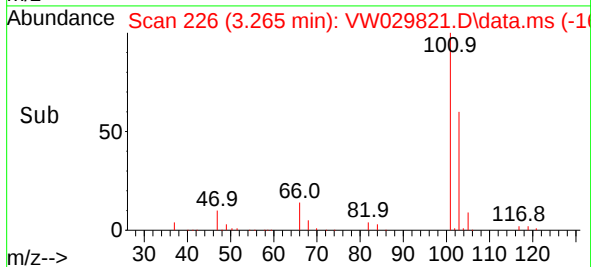
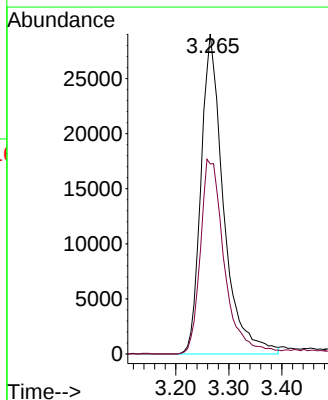
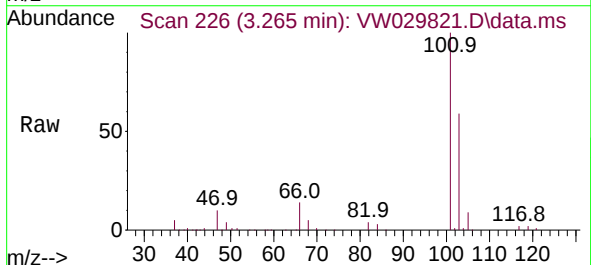
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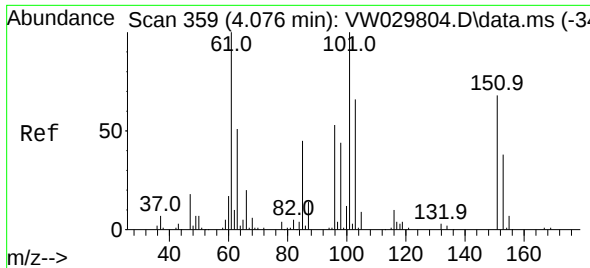
Tgt Ion: 64 Resp: 68320
Ion Ratio Lower Upper
64 100
66 33.3 21.2 39.4



#9
Trichlorofluoromethane
Concen: 23.961 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

Tgt Ion: 101 Resp: 85699
Ion Ratio Lower Upper
101 100
103 64.0 51.0 76.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 24.444 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

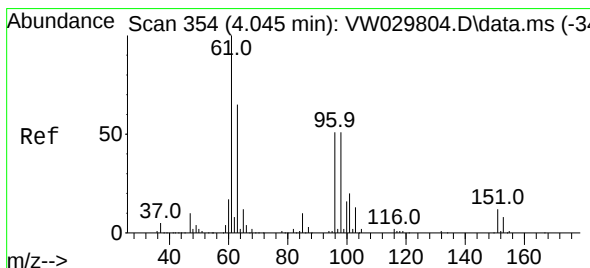
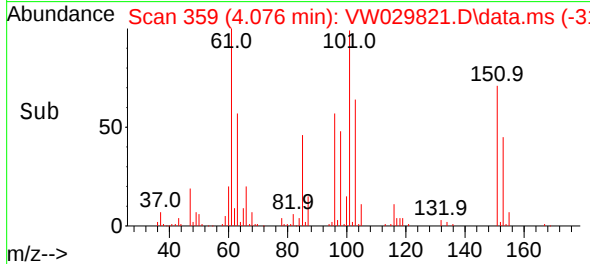
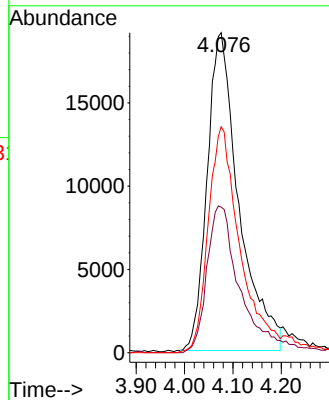
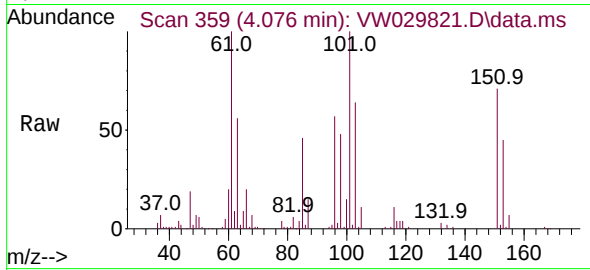
Tgt Ion:101 Resp: 87074

Ion Ratio Lower Upper

101 100

85 45.0 34.2 51.4

151 70.9 54.2 81.2



#12

1,1-Dichloroethene

Concen: 25.441 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029821.D

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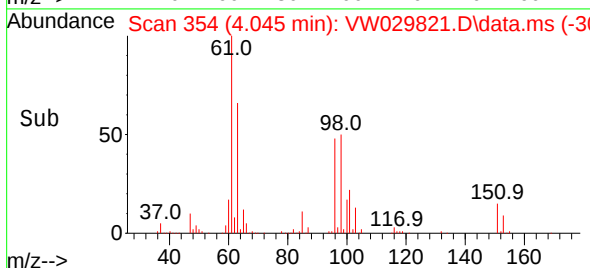
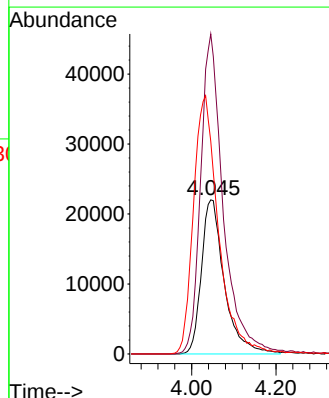
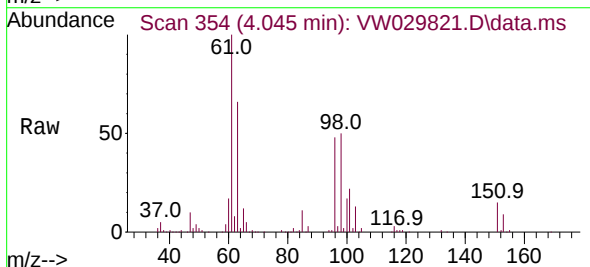
Tgt Ion: 96 Resp: 83267

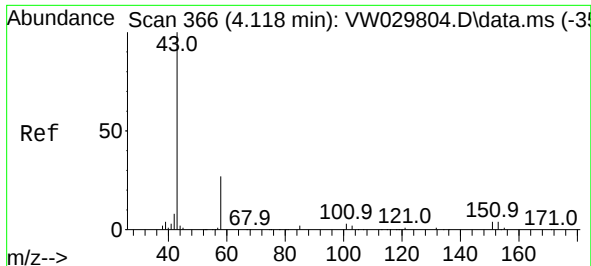
Ion Ratio Lower Upper

96 100

61 207.7 138.3 256.9

63 138.1 89.0 165.4

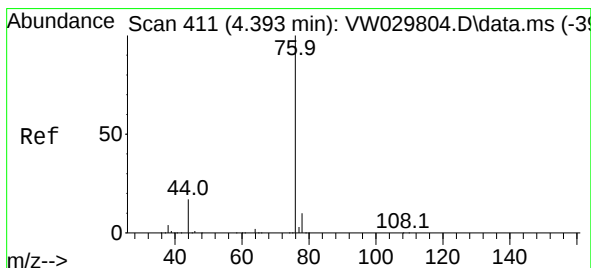
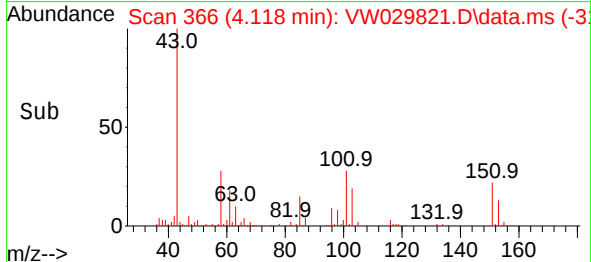
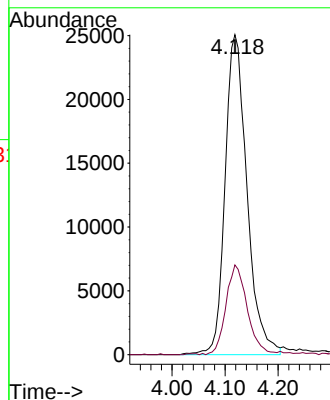
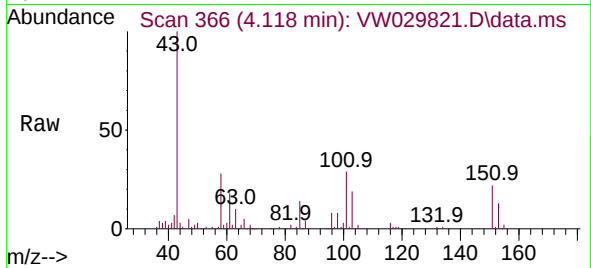




#13
Acetone
Concen: 62.152 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
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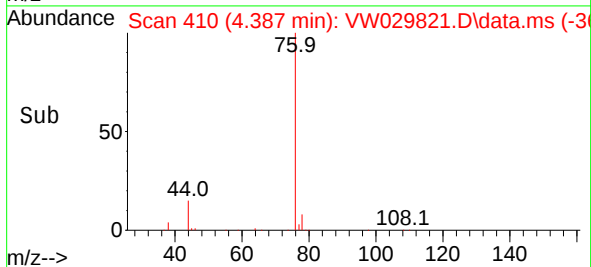
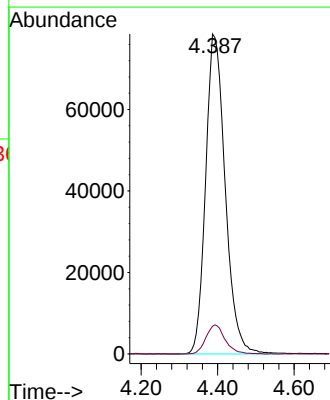
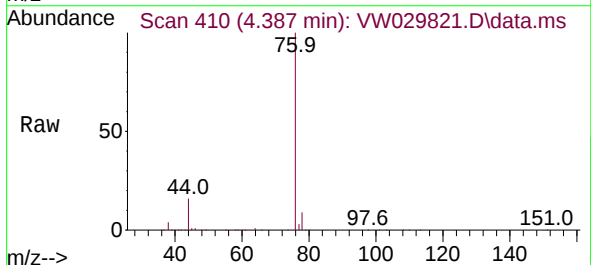
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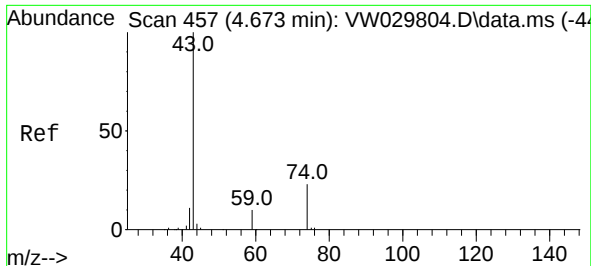
Tgt Ion: 43 Resp: 72004
Ion Ratio Lower Upper
43 100
58 27.2 0.0 57.6



#14
Carbon disulfide
Concen: 25.616 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

Tgt Ion: 76 Resp: 279004
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4





#15

Methyl Acetate

Concen: 26.070 ug/L

RT: 4.667 min Scan# 4

Delta R.T. -0.006 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

Instrument :

MSVOA_W

ClientSampleId :

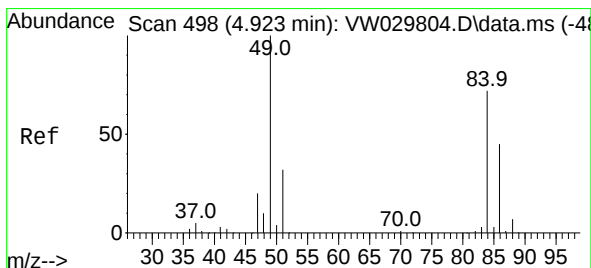
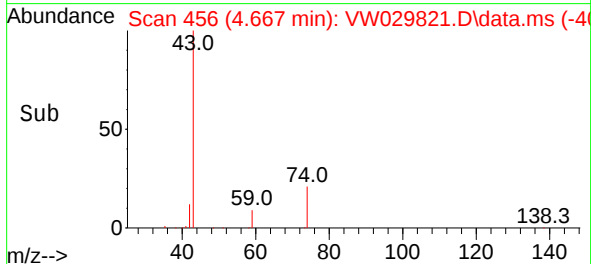
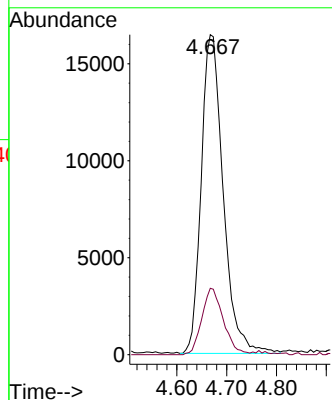
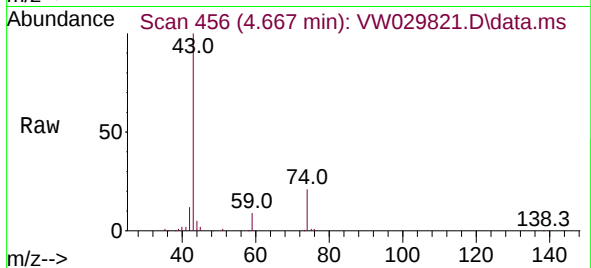
VSTD025565

Tgt Ion: 43 Resp: 50307

Ion Ratio Lower Upper

43 100

74 20.4 16.5 24.7



#16

Methylene chloride

Concen: 20.639 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.000 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

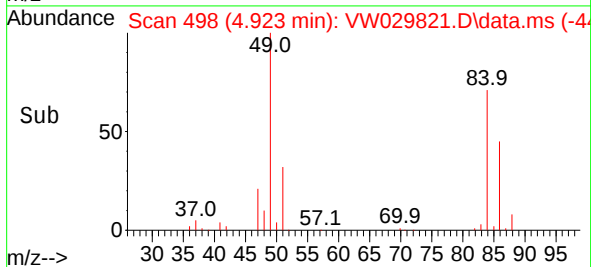
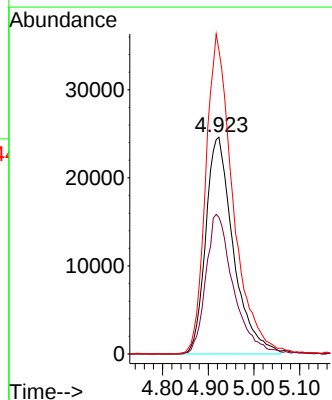
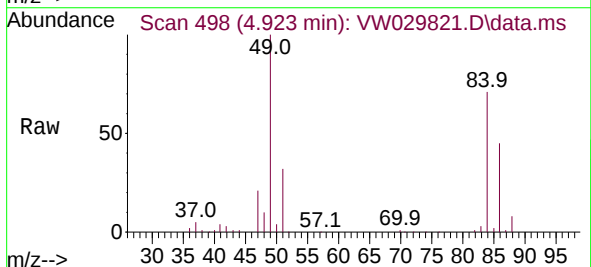
Tgt Ion: 84 Resp: 103368

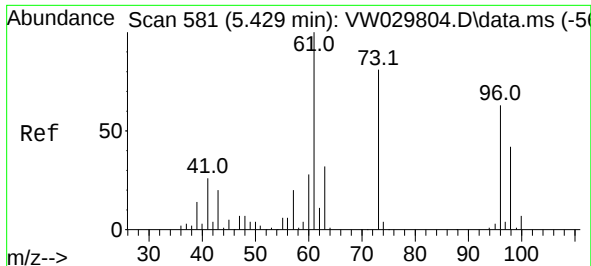
Ion Ratio Lower Upper

84 100

86 63.0 44.7 82.9

49 140.2 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 25.967 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

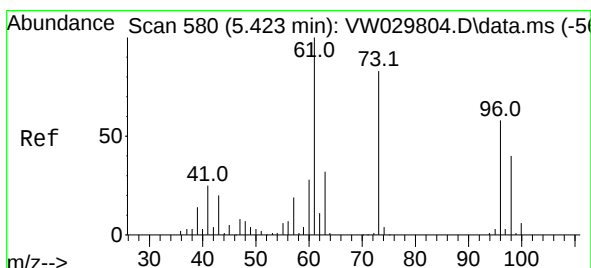
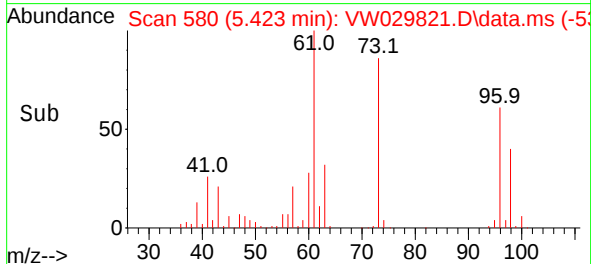
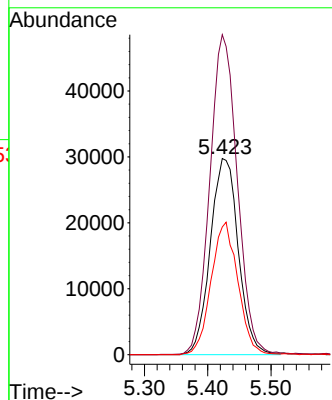
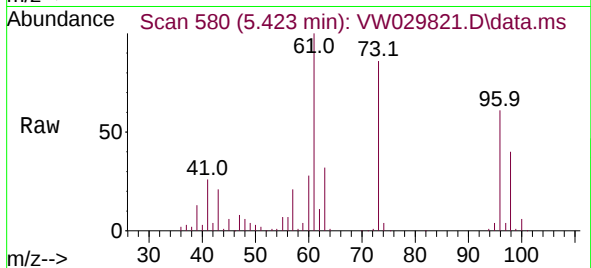
Tgt Ion: 96 Resp: 91586

Ion Ratio Lower Upper

96 100

61 163.1 111.2 206.6

98 65.1 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 25.390 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

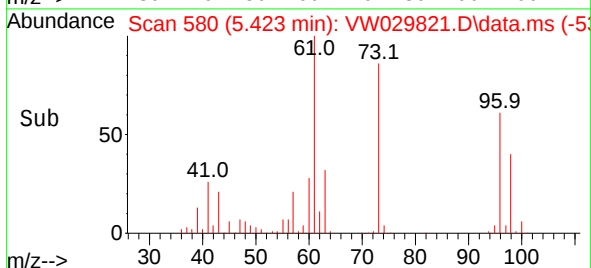
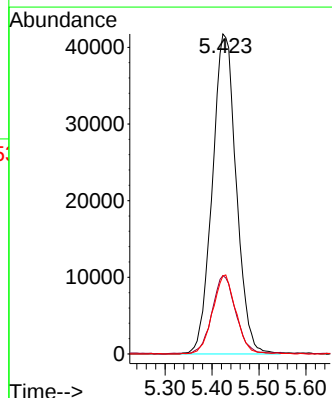
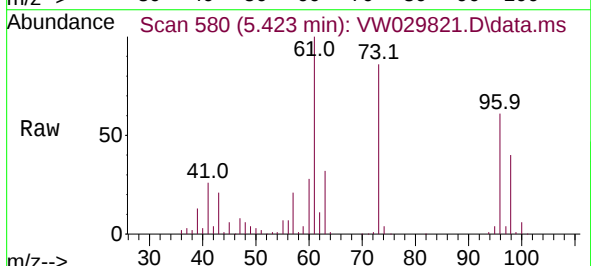
Tgt Ion: 73 Resp: 147592

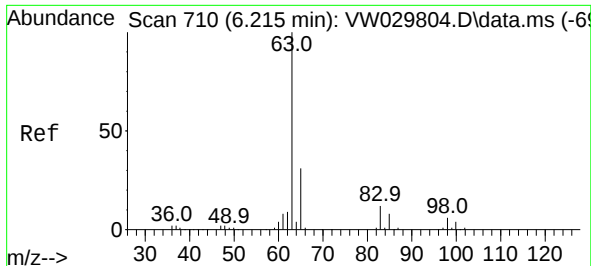
Ion Ratio Lower Upper

73 100

43 24.0 18.3 27.5

57 23.9 17.9 26.9





#19

1,1-Dichloroethane

Concen: 26.499 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

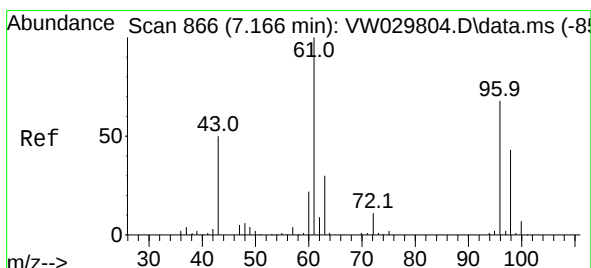
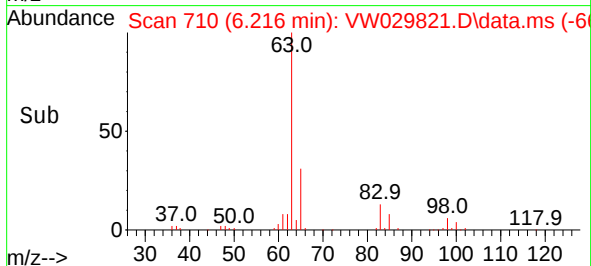
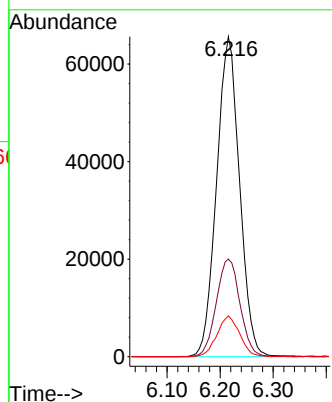
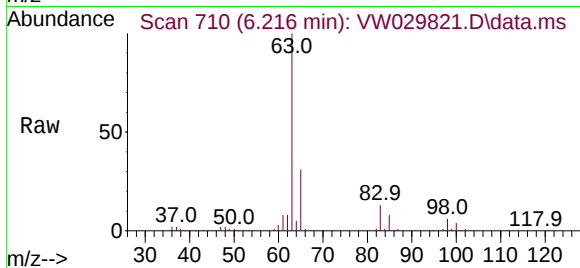
Tgt Ion: 63 Resp: 197121

Ion Ratio Lower Upper

63 100

65 30.5 22.3 41.3

83 12.8 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 26.454 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

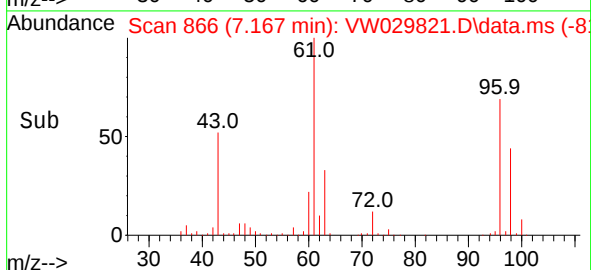
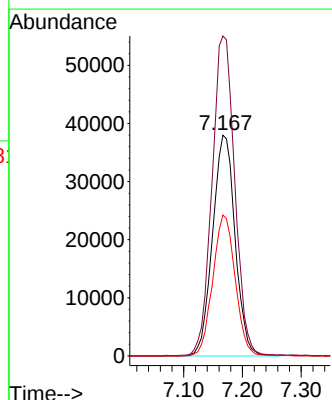
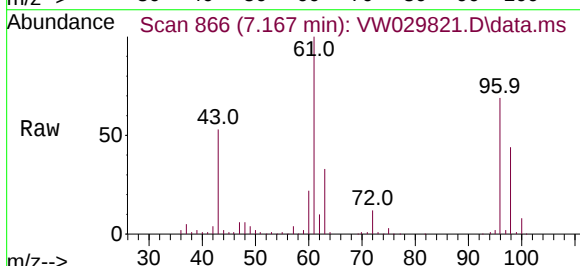
Tgt Ion: 96 Resp: 101209

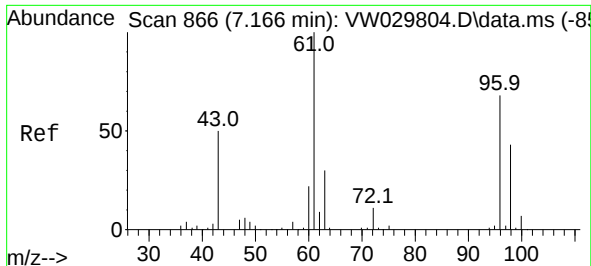
Ion Ratio Lower Upper

96 100

61 144.9 98.2 182.4

98 63.9 41.9 77.9





#22

2-Butanone

Concen: 53.624 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

Instrument :

MSVOA_W

ClientSampleId :

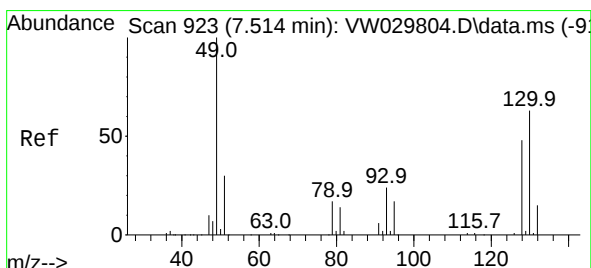
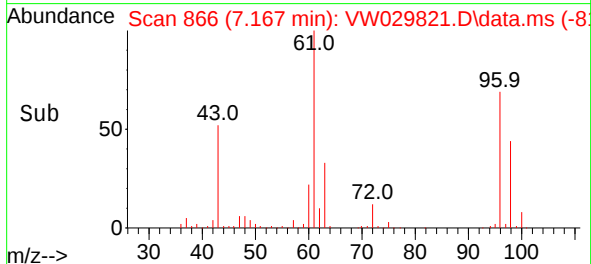
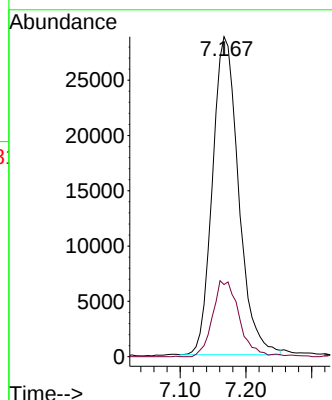
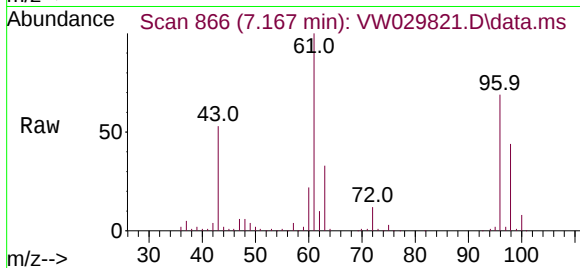
VSTD025565

Tgt Ion: 43 Resp: 79601

Ion Ratio Lower Upper

43 100

72 24.0 11.7 35.1



#23

Bromochloromethane

Concen: 26.127 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

Tgt Ion: 128 Resp: 42435

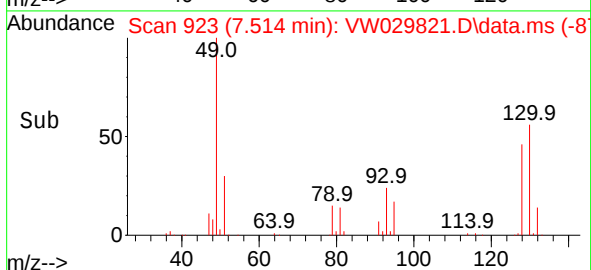
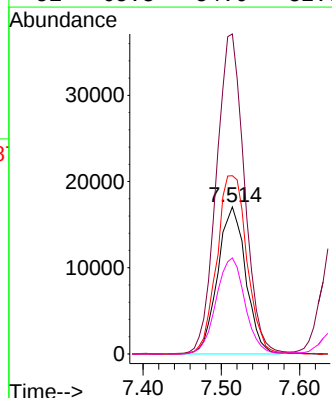
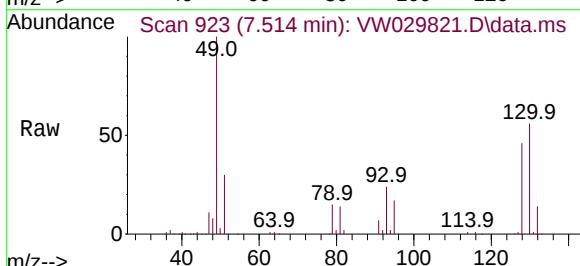
Ion Ratio Lower Upper

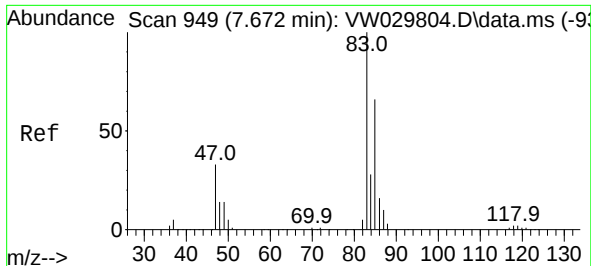
128 100

49 217.5 151.1 280.7

130 121.1 96.8 179.8

51 65.3 54.6 82.0





#25

Chloroform

Concen: 27.325 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

Instrument :

MSVOA_W

ClientSampleId :

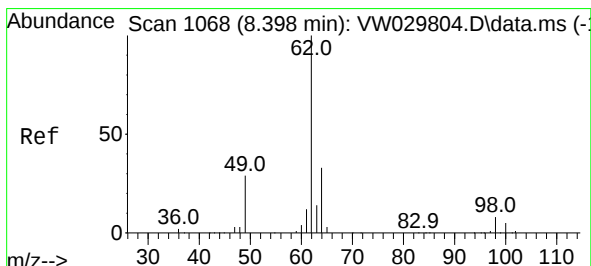
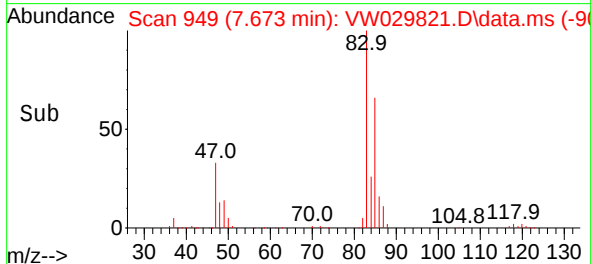
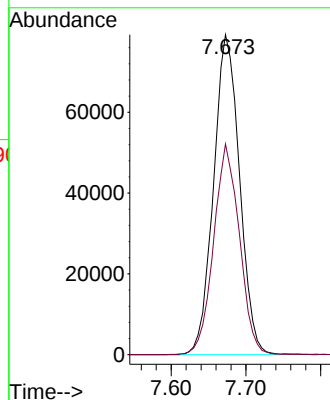
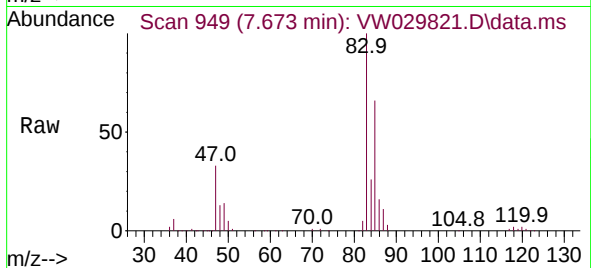
VSTD025565

Tgt Ion: 83 Resp: 191503

Ion Ratio Lower Upper

83 100

85 65.9 44.4 82.4



#27

1,2-Dichloroethane

Concen: 26.914 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029821.D

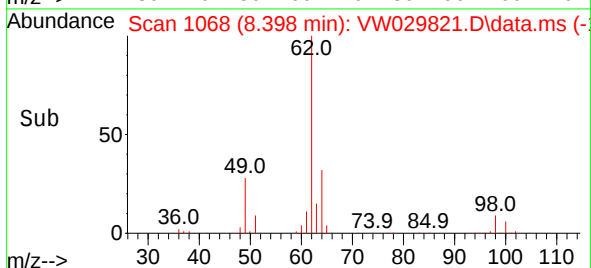
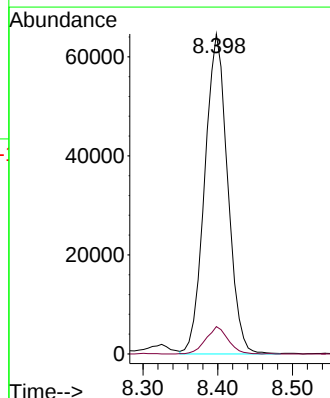
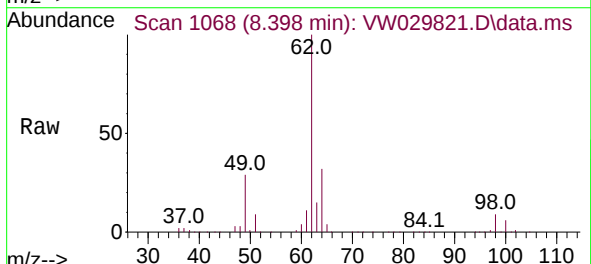
Acq: 01 Aug 2024 09:41

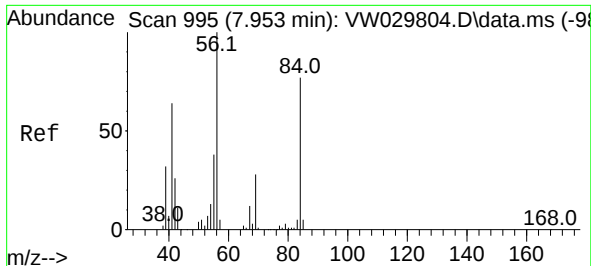
Tgt Ion: 62 Resp: 137466

Ion Ratio Lower Upper

62 100

98 8.6 6.6 10.0





#29

Cyclohexane

Concen: 25.017 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

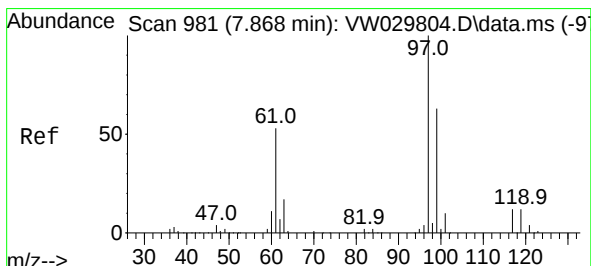
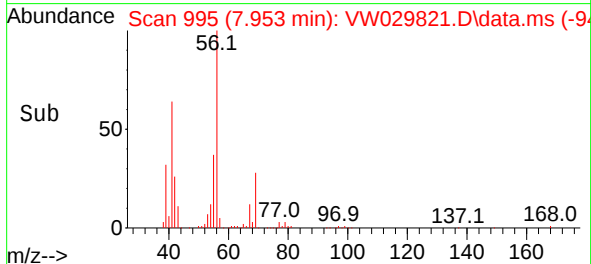
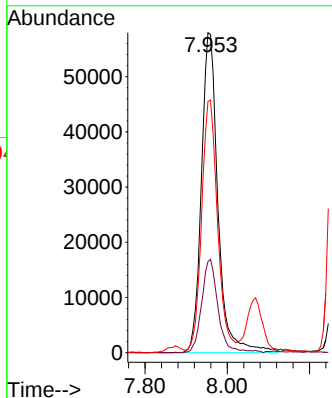
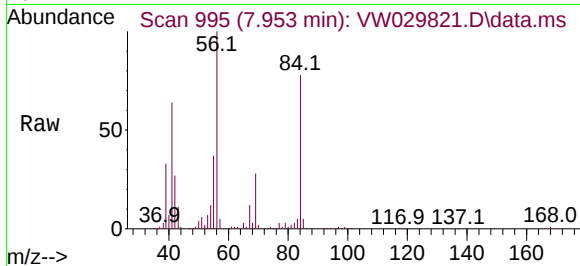
Tgt Ion: 56 Resp: 162133

Ion Ratio Lower Upper

56 100

69 28.6 23.0 34.4

84 74.3 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 25.420 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

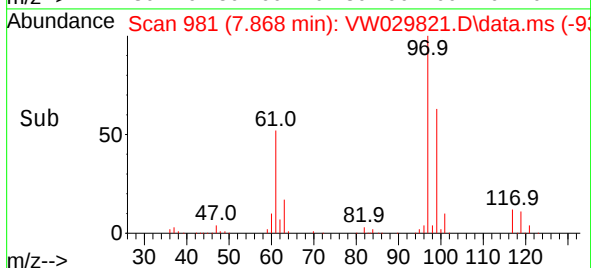
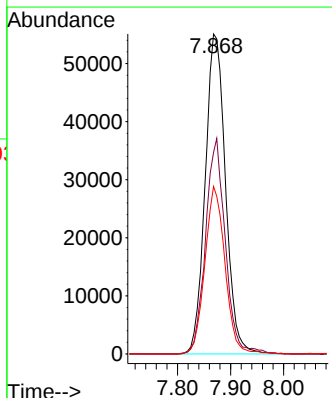
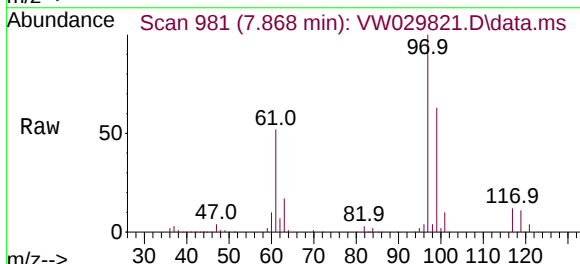
Tgt Ion: 97 Resp: 146804

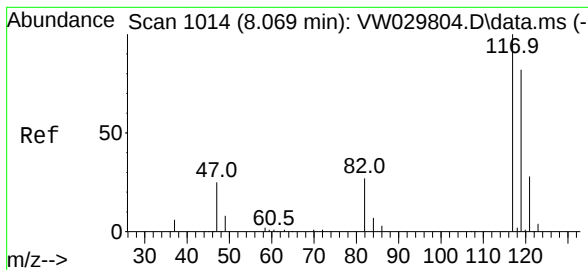
Ion Ratio Lower Upper

97 100

99 65.3 52.1 78.1

61 51.4 42.6 63.8

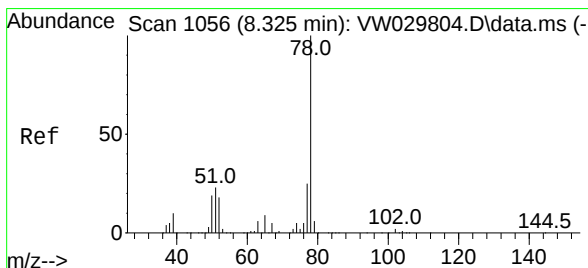
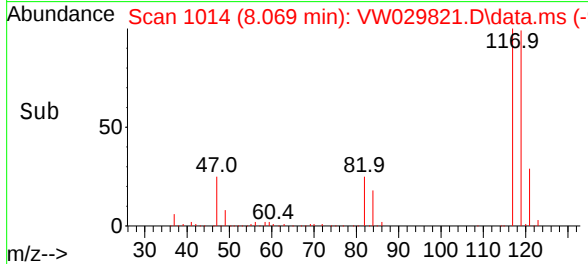
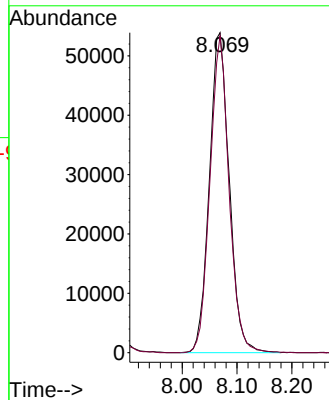
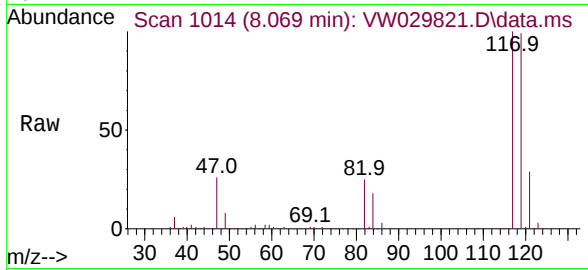




#31
Carbon tetrachloride
Concen: 26.089 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

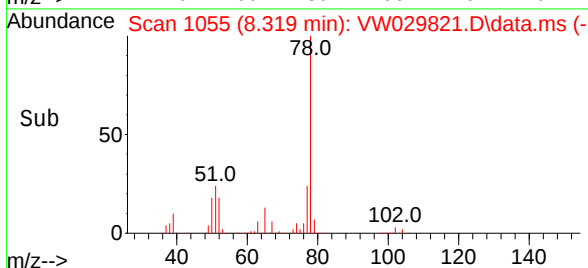
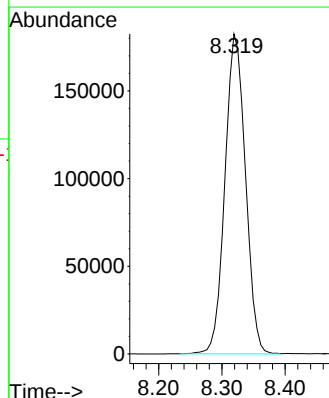
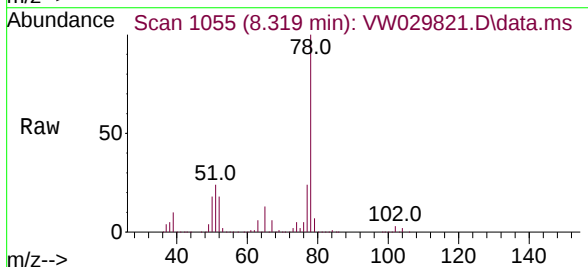
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

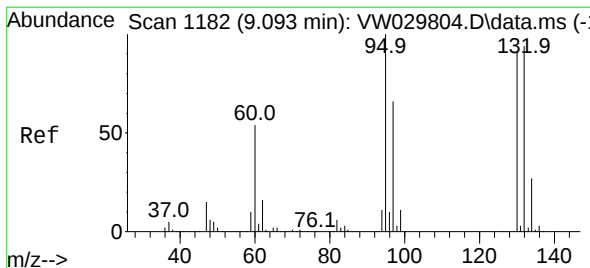
Tgt Ion:117 Resp: 135766
Ion Ratio Lower Upper
117 100
119 94.9 74.8 112.2



#33
Benzene
Concen: 26.277 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

Tgt Ion: 78 Resp: 410600





#34

Trichloroethene

Concen: 25.339 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

Tgt Ion: 95 Resp: 103797

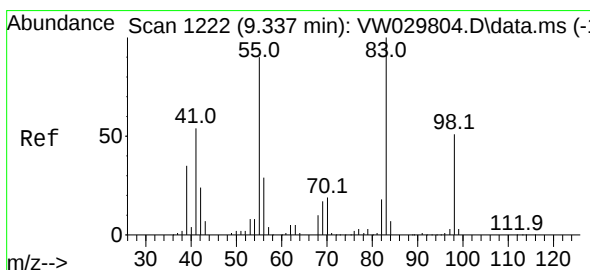
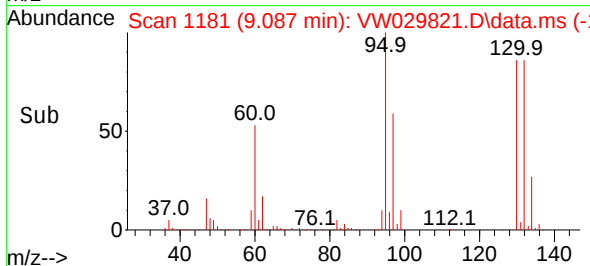
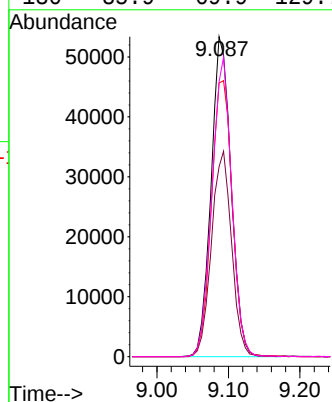
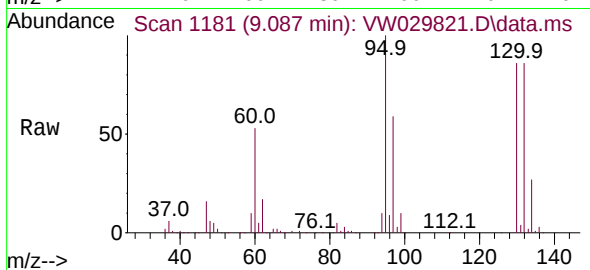
Ion Ratio Lower Upper

95 100

97 59.4 45.6 84.8

132 85.5 65.2 121.0

130 85.9 69.9 129.7



#35

Methylcyclohexane

Concen: 24.917 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

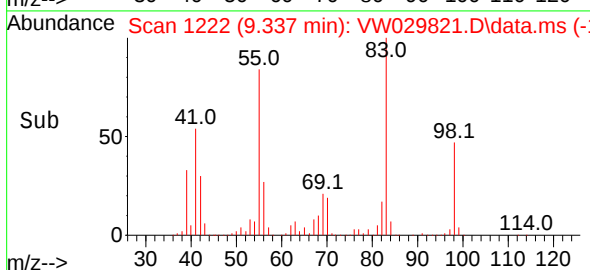
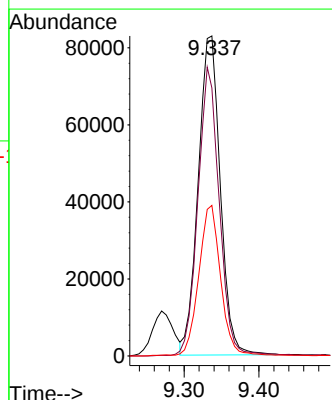
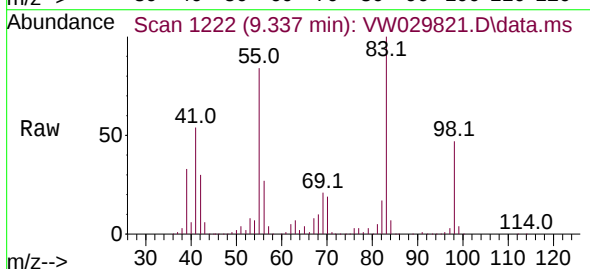
Tgt Ion: 83 Resp: 170074

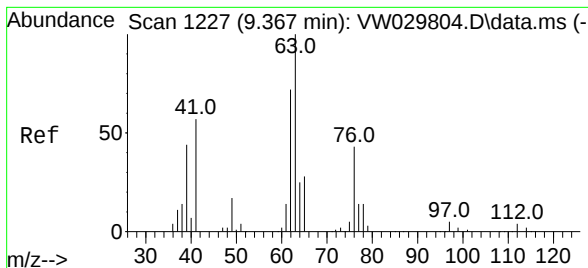
Ion Ratio Lower Upper

83 100

55 87.9 67.4 101.2

98 46.6 36.7 55.1





#37

1,2-Dichloropropane

Concen: 26.386 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

Instrument :

MSVOA_W

ClientSampleId :

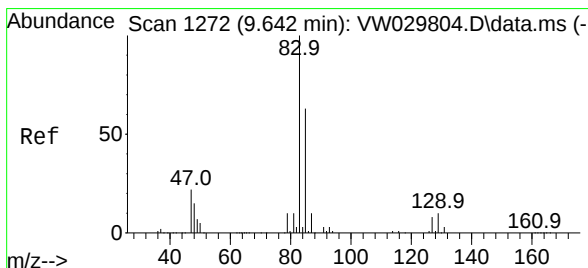
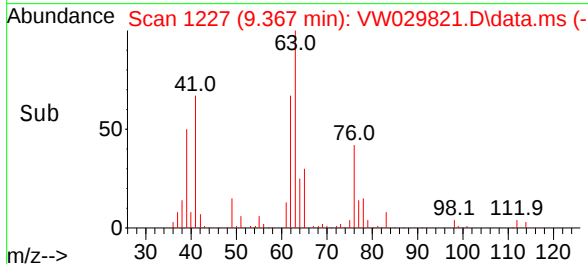
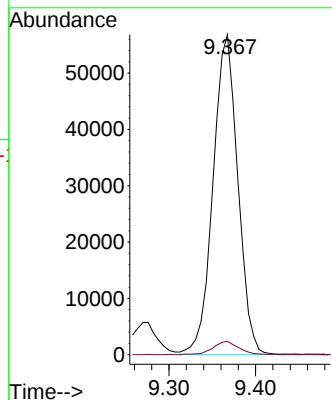
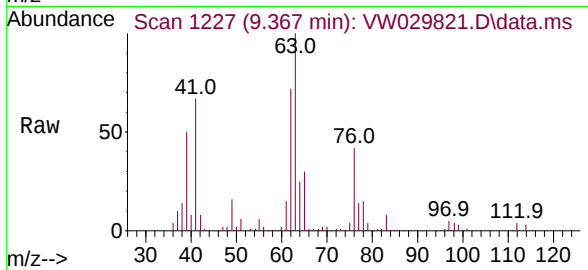
VSTD025565

Tgt Ion: 63 Resp: 112988

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 26.671 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

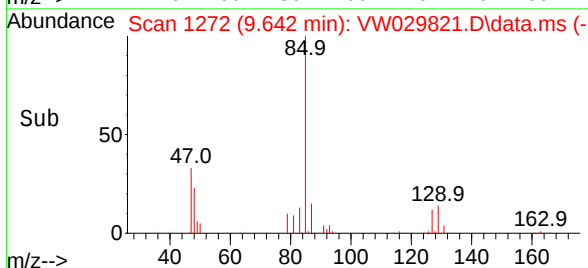
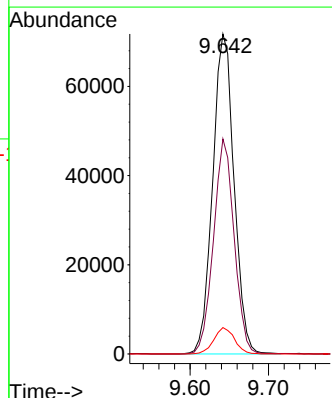
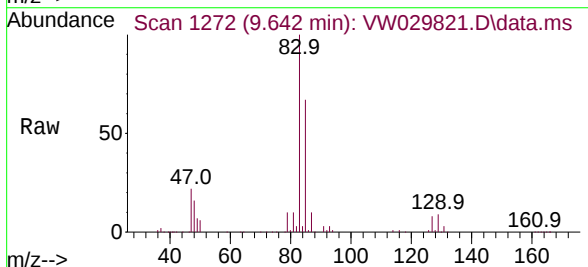
Tgt Ion: 83 Resp: 136003

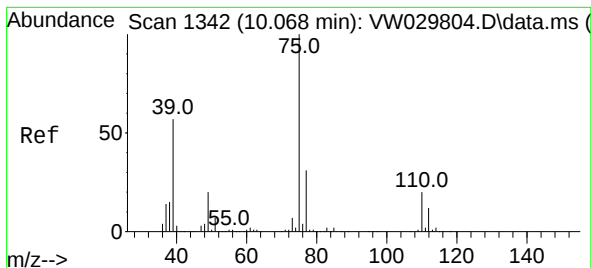
Ion Ratio Lower Upper

83 100

85 67.2 46.6 86.6

127 8.2 5.9 8.9

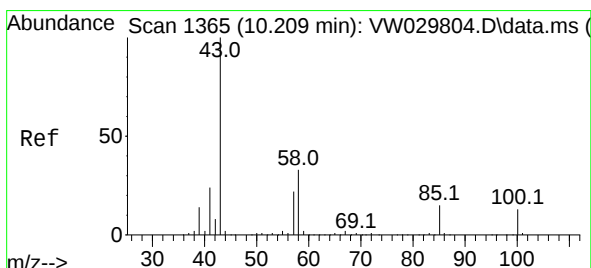
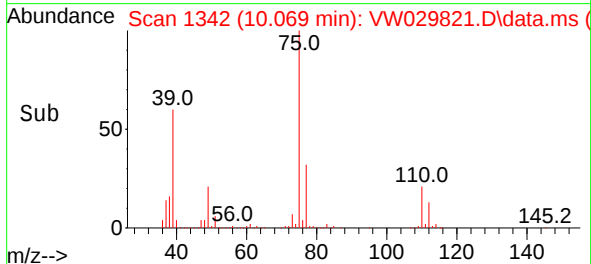
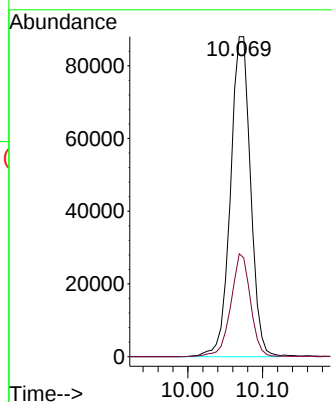
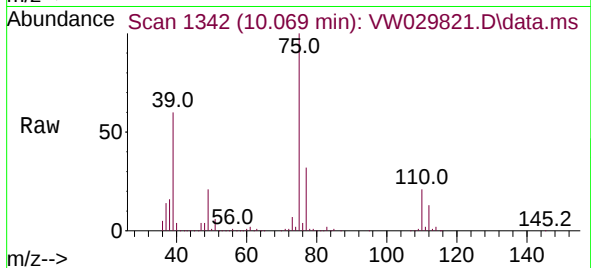




#39
 cis-1,3-Dichloropropene
 Concen: 26.433 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. 0.000 min
 Lab File: VW029821.D
 Acq: 01 Aug 2024 09:41

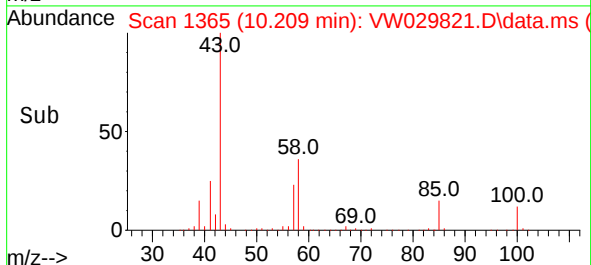
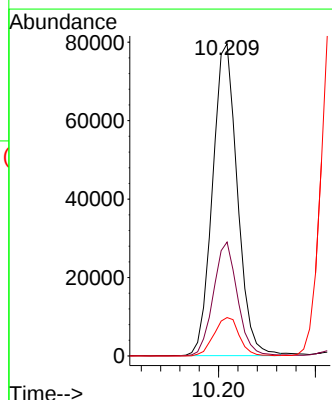
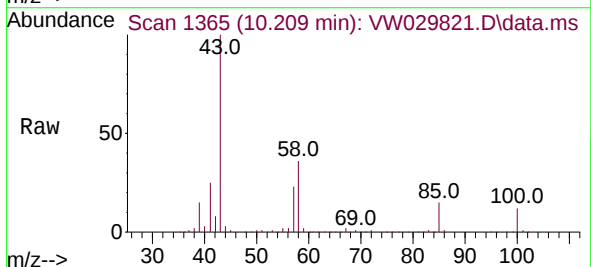
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025565

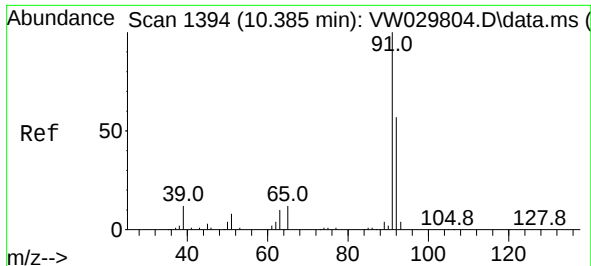
Tgt Ion: 75 Resp: 164843
 Ion Ratio Lower Upper
 75 100
 77 32.1 20.8 38.6



#40
 4-Methyl-2-pentanone
 Concen: 52.029 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW029821.D
 Acq: 01 Aug 2024 09:41

Tgt Ion: 43 Resp: 141514
 Ion Ratio Lower Upper
 43 100
 58 35.7 28.7 43.1
 100 12.6 10.0 15.0

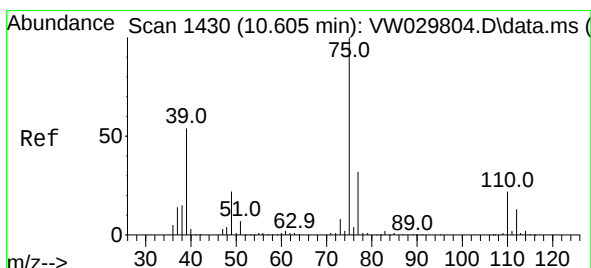
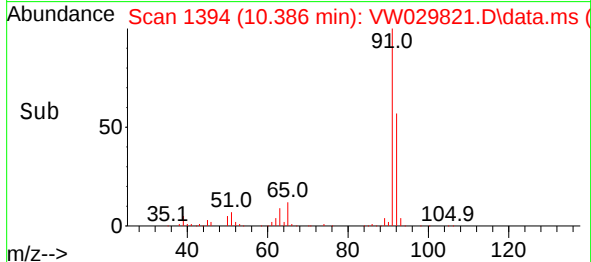
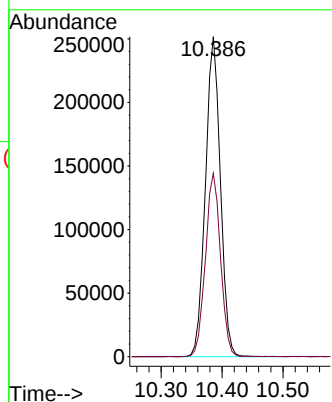
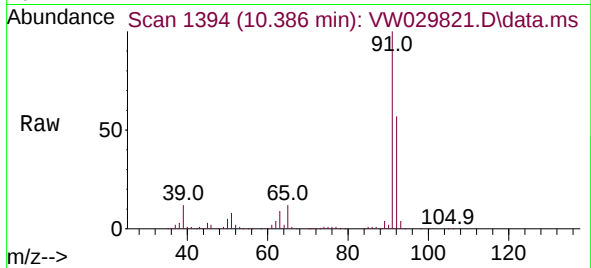




#42
Toluene
Concen: 26.916 ug/L
RT: 10.386 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

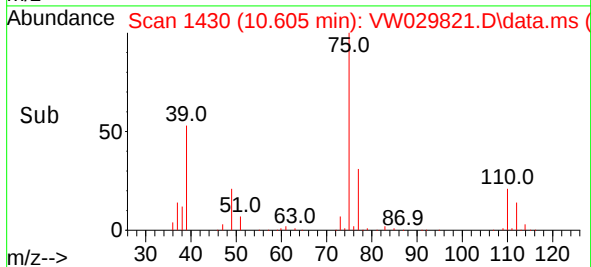
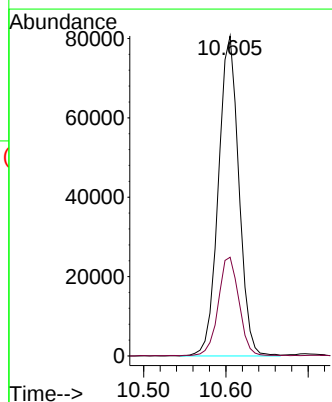
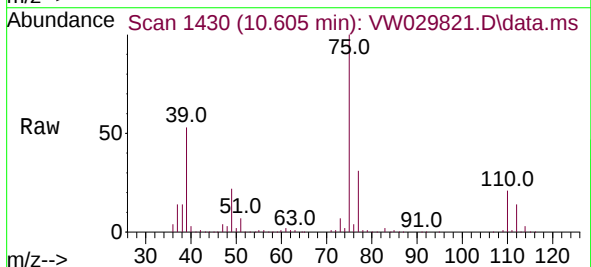
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

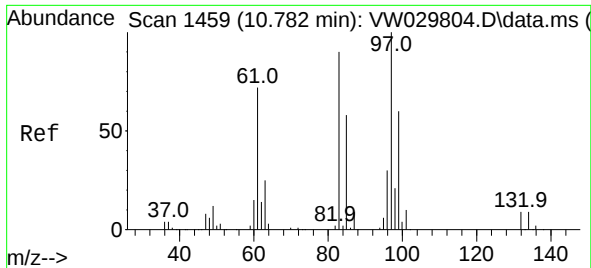
Tgt Ion: 91 Resp: 429309
Ion Ratio Lower Upper
91 100
92 57.3 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 26.944 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

Tgt Ion: 75 Resp: 139489
Ion Ratio Lower Upper
75 100
77 30.9 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 26.302 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

Tgt Ion: 97 Resp: 75664

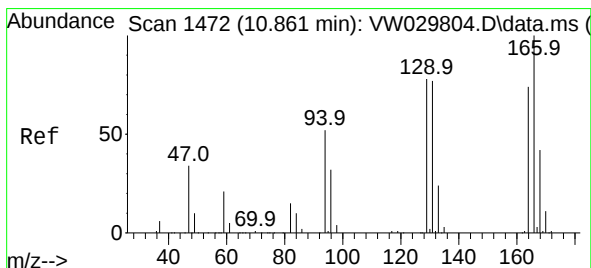
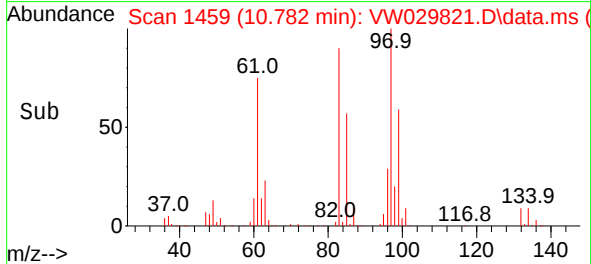
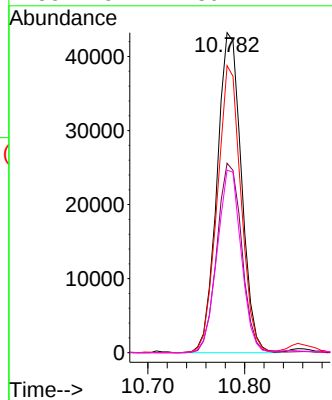
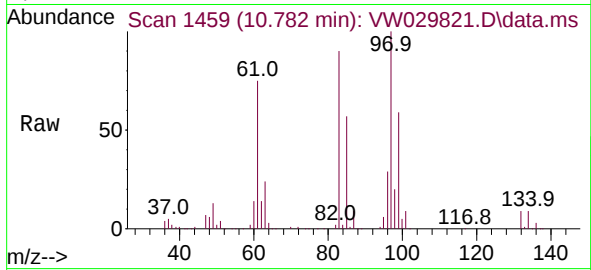
Ion Ratio Lower Upper

97 100

99 59.2 40.1 74.5

83 89.7 58.5 108.7

85 57.1 39.1 72.7



#46

Tetrachloroethene

Concen: 24.769 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

Tgt Ion:164 Resp: 73745

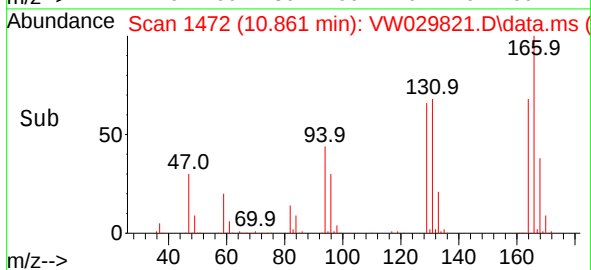
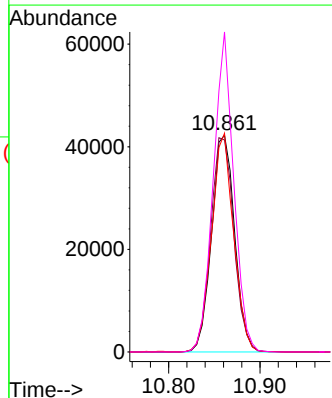
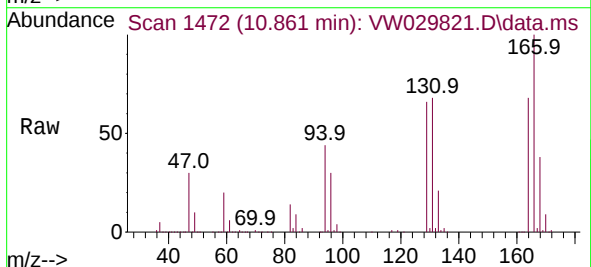
Ion Ratio Lower Upper

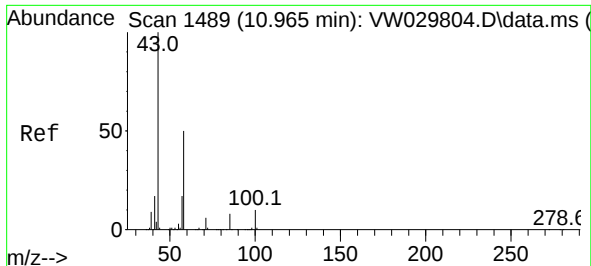
164 100

129 97.8 77.8 144.6

131 100.9 70.9 131.7

166 147.6 91.5 169.9

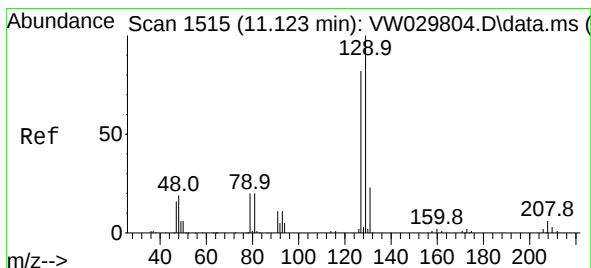
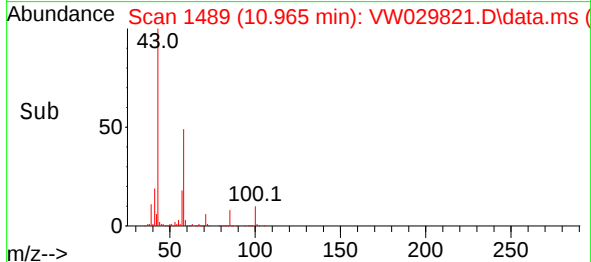
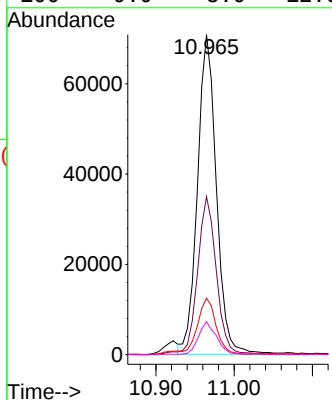
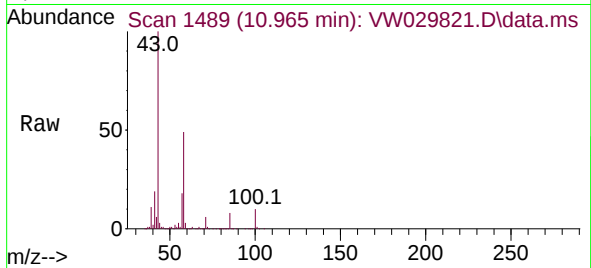




#48
2-Hexanone
Concen: 58.265 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

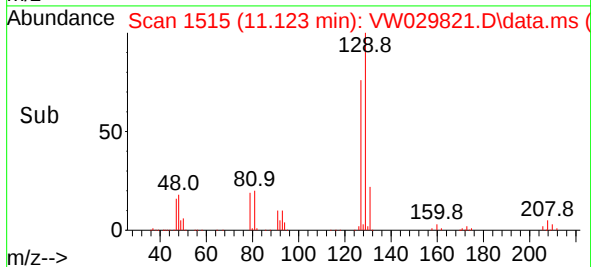
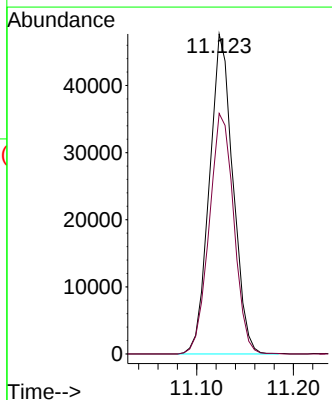
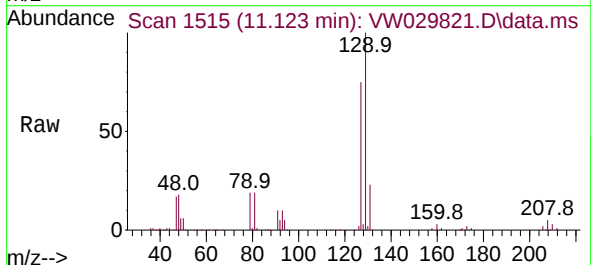
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

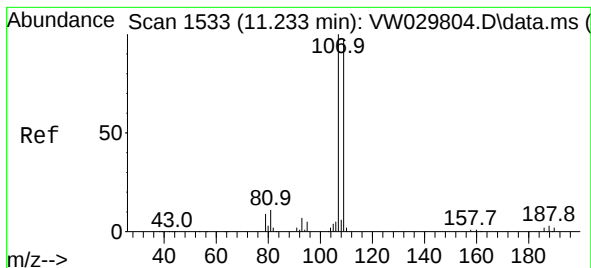
Tgt Ion: 43 Resp: 118692
Ion Ratio Lower Upper
43 100
58 48.7 41.0 61.4
57 17.0 14.1 21.1
100 9.9 8.0 12.0



#49
Dibromochloromethane
Concen: 26.989 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

Tgt Ion: 129 Resp: 80599
Ion Ratio Lower Upper
129 100
127 75.1 52.4 97.2

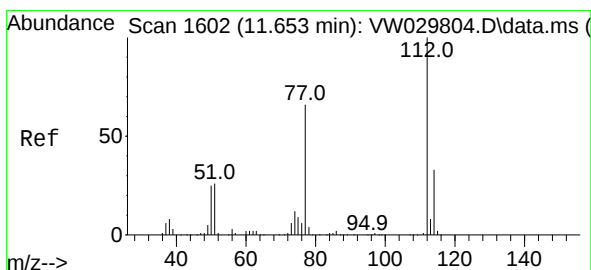
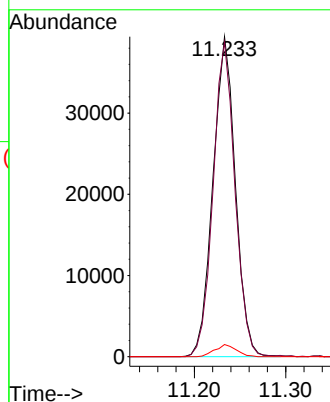
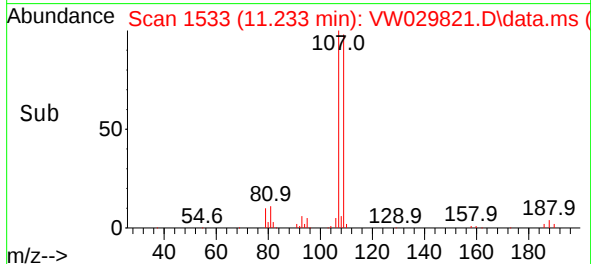
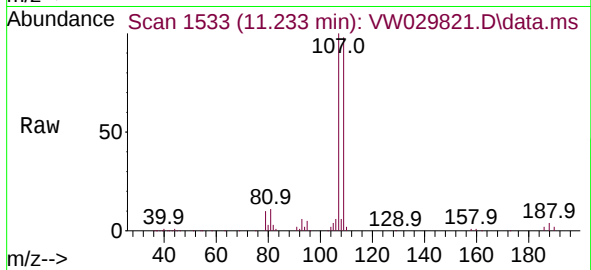




#50
1,2-Dibromoethane
Concen: 25.224 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

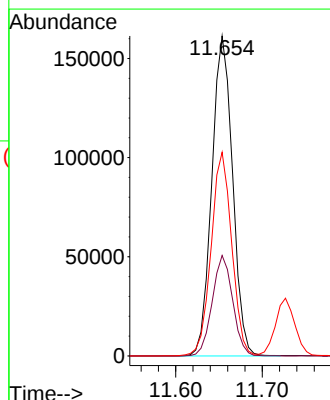
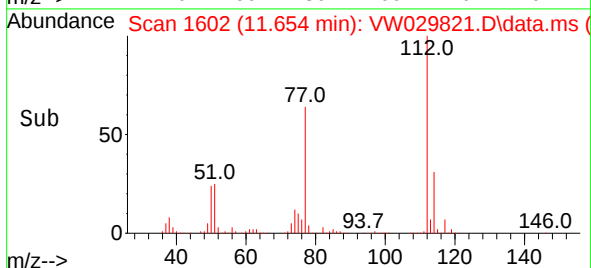
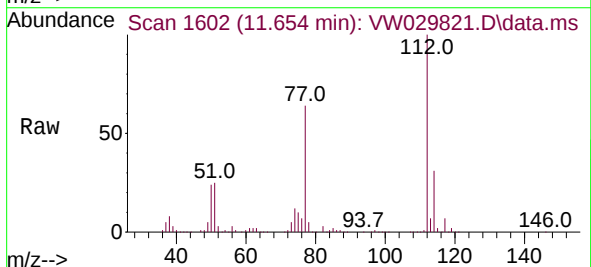
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

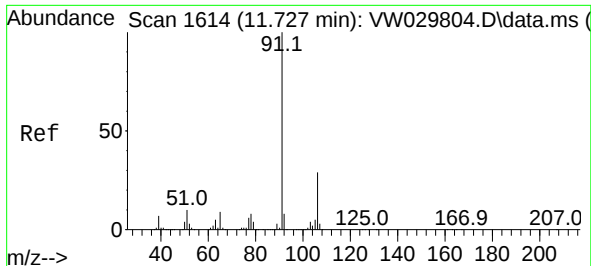
Tgt Ion:107 Resp: 67140
Ion Ratio Lower Upper
107 100
109 98.3 64.8 120.3
188 3.8 2.7 4.1



#51
Chlorobenzene
Concen: 27.086 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

Tgt Ion:112 Resp: 268729
Ion Ratio Lower Upper
112 100
114 31.4 22.0 40.8
77 63.7 53.8 80.8





#52

Ethylbenzene

Concen: 26.658 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

Instrument :

MSVOA_W

ClientSampleId :

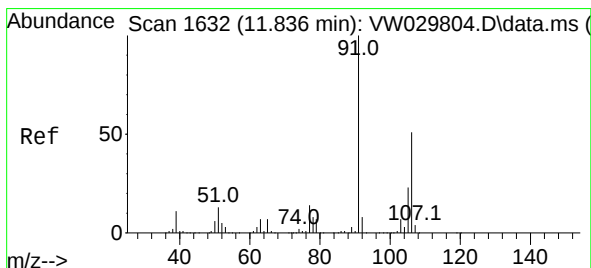
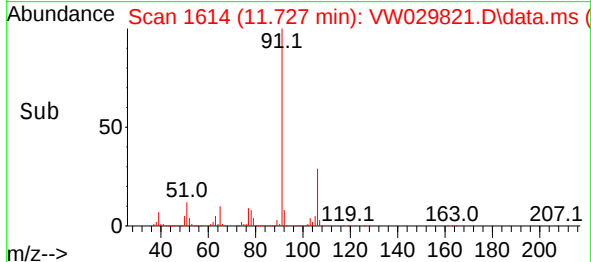
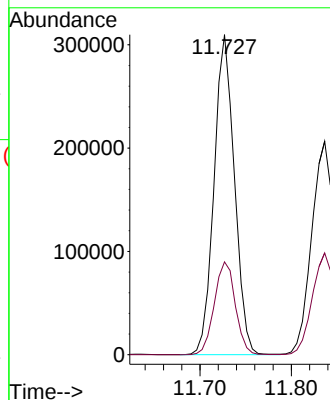
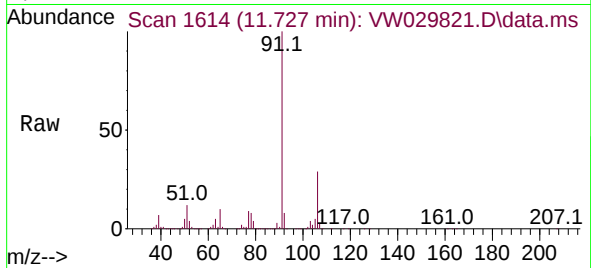
VSTD025565

Tgt Ion: 91 Resp: 479620

Ion Ratio Lower Upper

91 100

106 29.0 20.4 38.0



#53

m,p-Xylene

Concen: 26.431 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029821.D

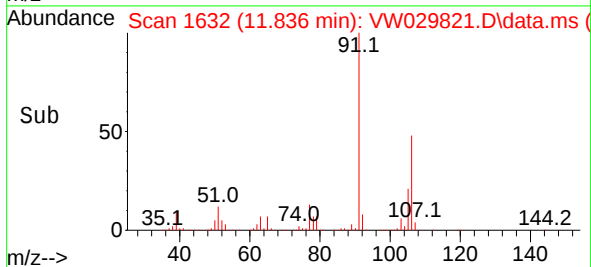
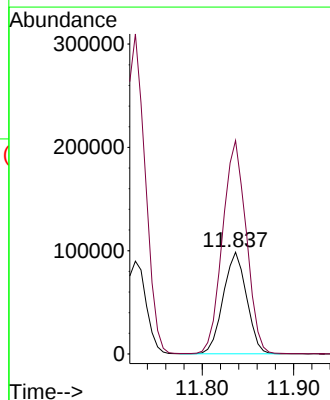
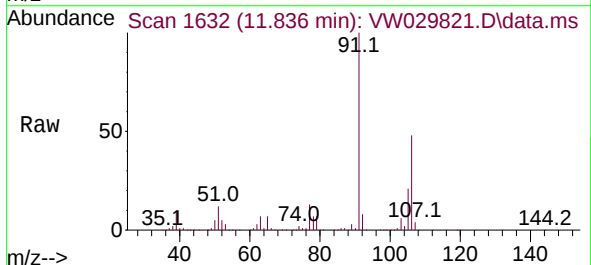
Acq: 01 Aug 2024 09:41

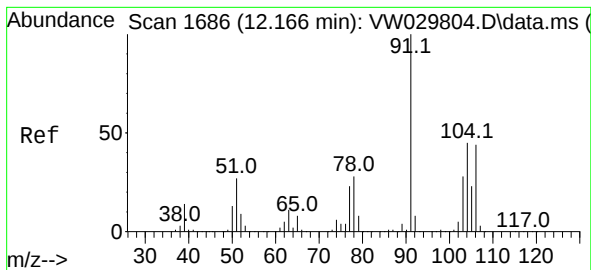
Tgt Ion:106 Resp: 174888

Ion Ratio Lower Upper

106 100

91 209.6 151.4 281.2

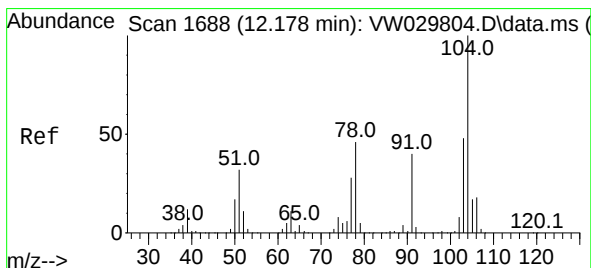
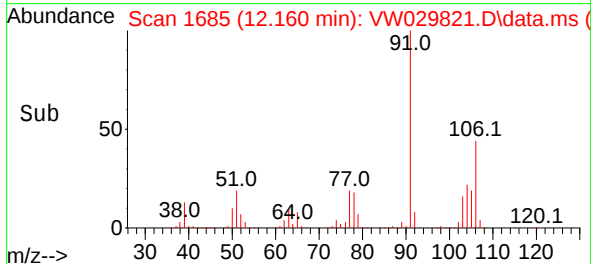
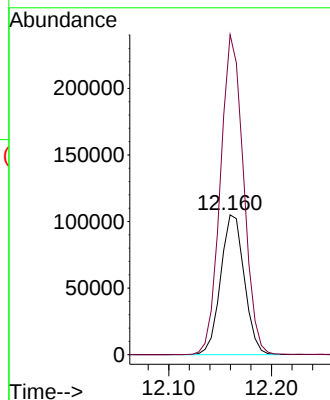
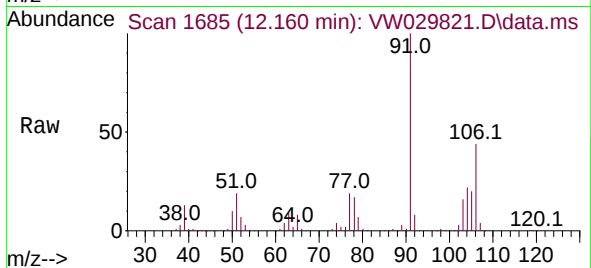




#54
o-Xylene
Concen: 27.545 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

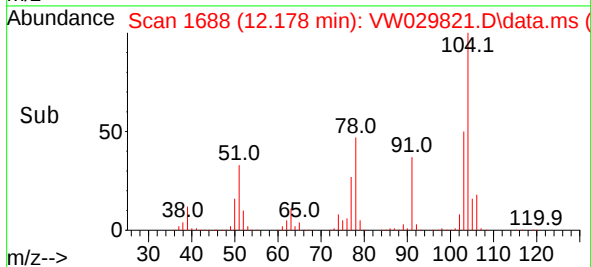
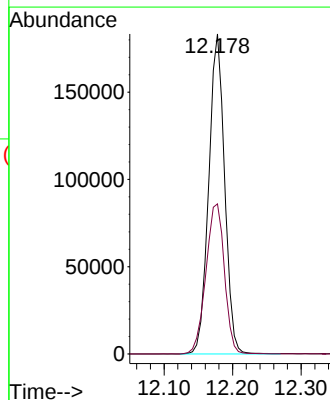
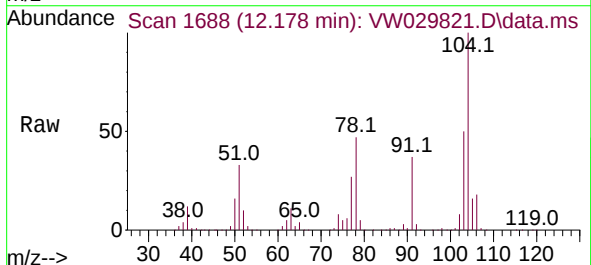
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

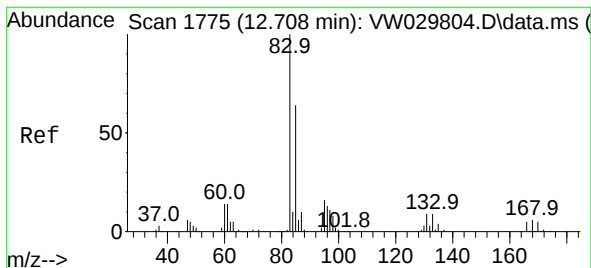
Tgt Ion:106 Resp: 167842
Ion Ratio Lower Upper
106 100
91 228.8 155.8 289.4



#55
Styrene
Concen: 27.985 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

Tgt Ion:104 Resp: 295577
Ion Ratio Lower Upper
104 100
78 46.9 33.3 61.9

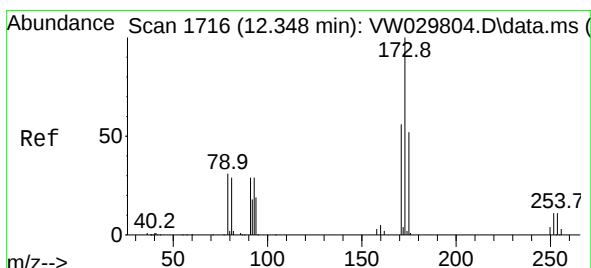
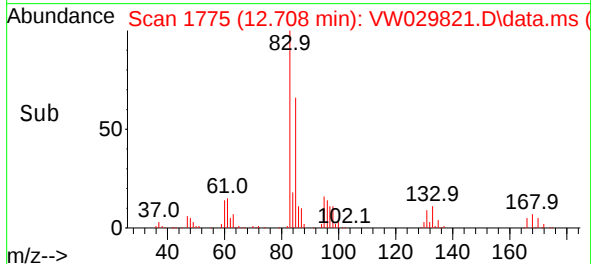
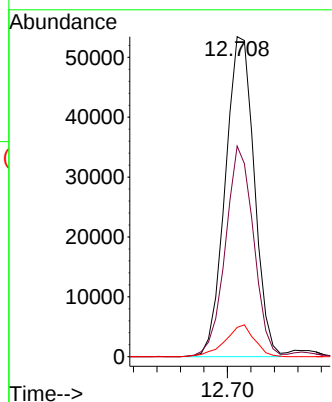
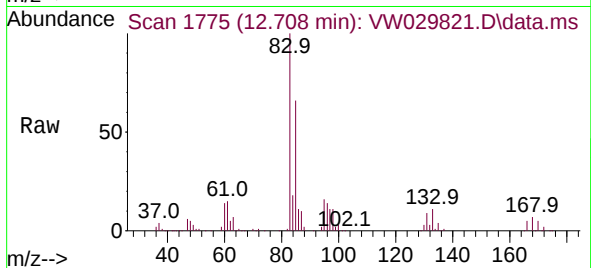




#57
1,1,2,2-Tetrachloroethane
Concen: 25.917 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

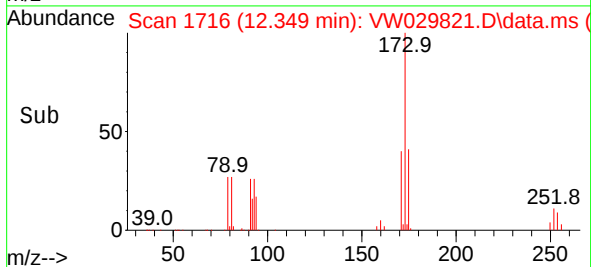
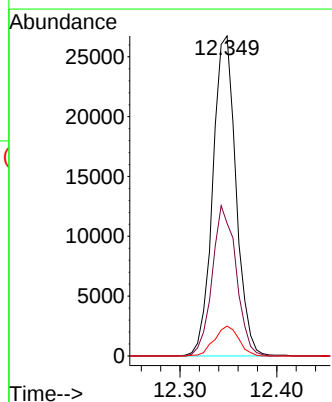
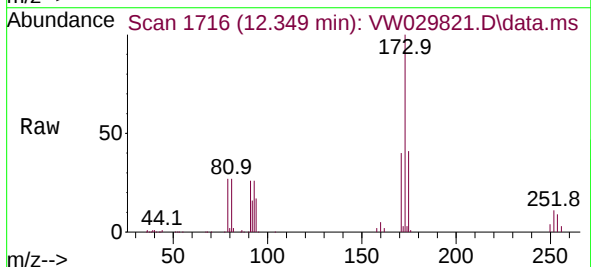
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

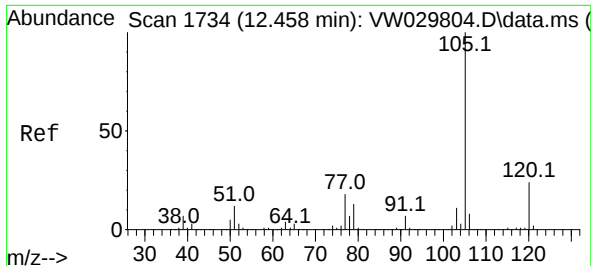
Tgt Ion: 83 Resp: 91508
Ion Ratio Lower Upper
83 100
85 65.8 44.2 82.0
131 9.2 6.2 9.2



#59
Bromoform
Concen: 26.408 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

Tgt Ion:173 Resp: 44632
Ion Ratio Lower Upper
173 100
175 48.3 38.1 57.1
254 9.8 7.8 11.6

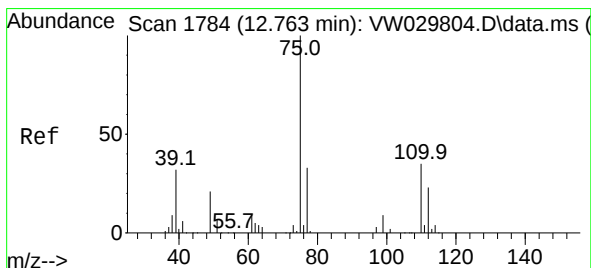
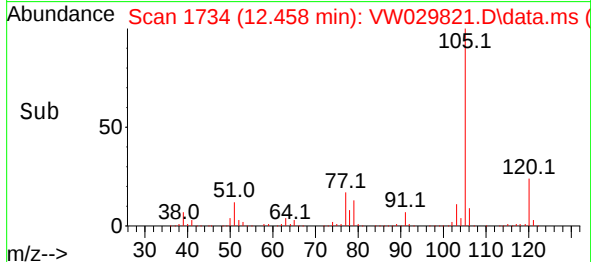
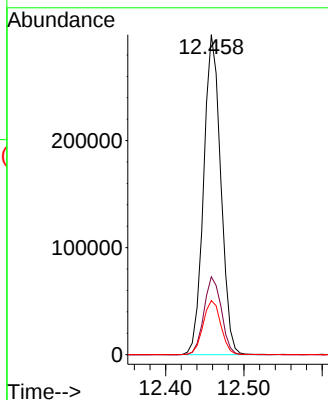
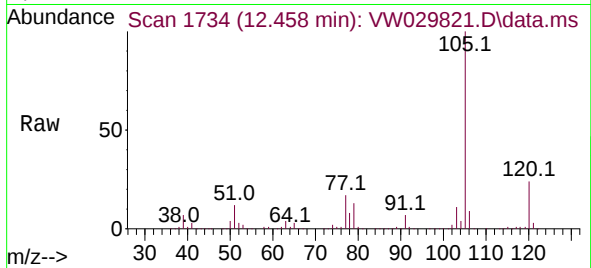




#60
Isopropylbenzene
Concen: 26.084 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

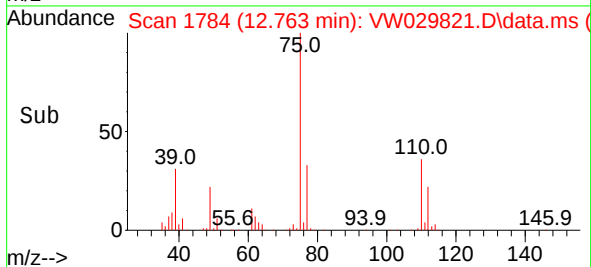
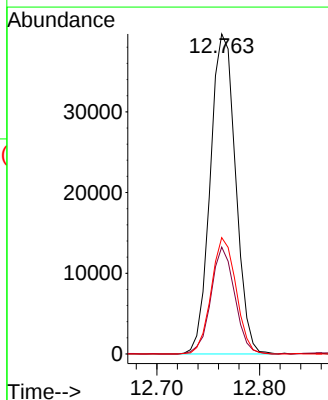
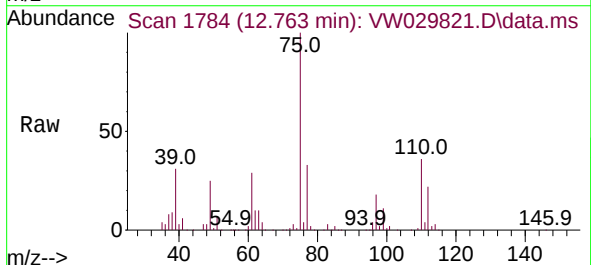
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

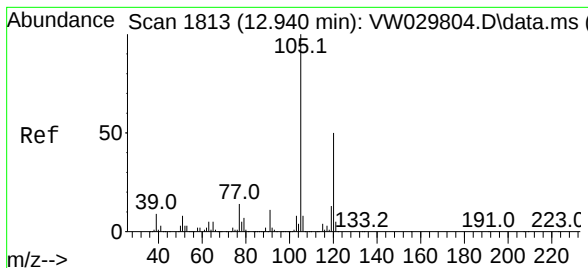
Tgt Ion:105 Resp: 453352
Ion Ratio Lower Upper
105 100
120 24.8 20.3 30.5
77 17.4 14.0 21.0



#61
1,2,3-Trichloropropane
Concen: 24.793 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

Tgt Ion: 75 Resp: 67730
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
110 35.6 28.6 43.0

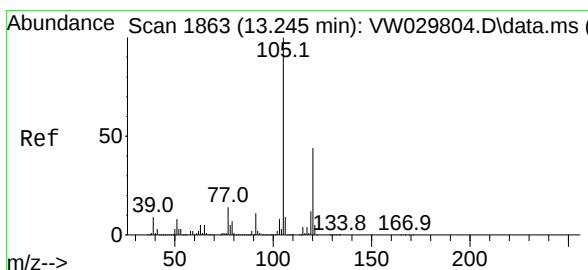
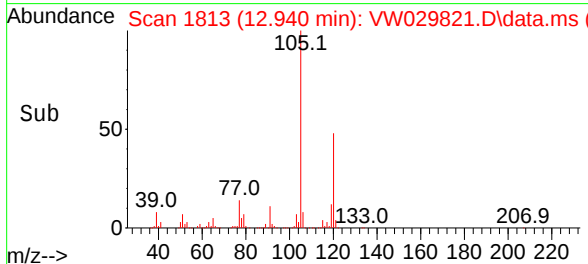
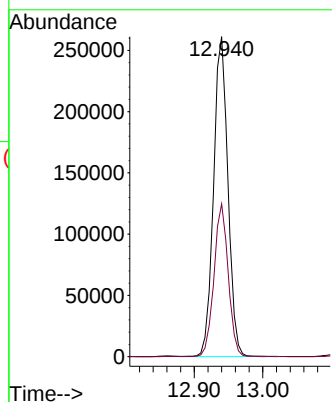
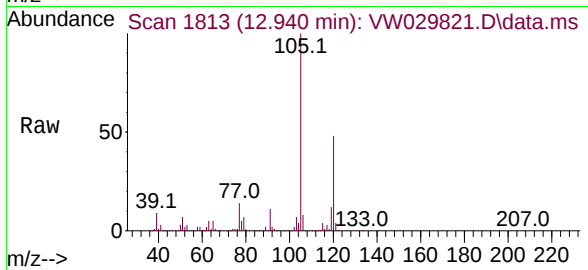




#62
1,3,5-Trimethylbenzene
Concen: 29.441 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

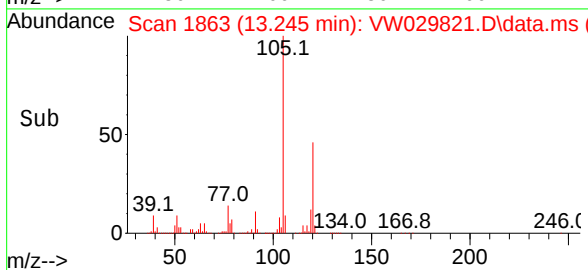
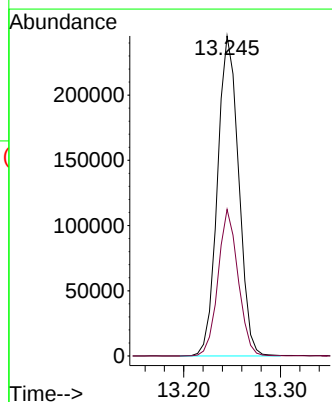
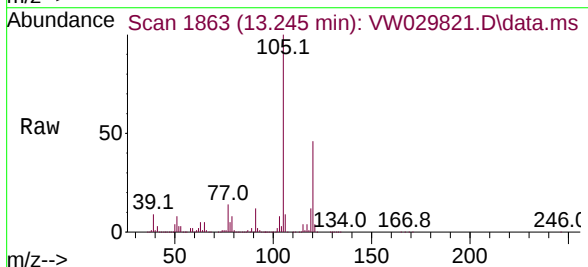
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

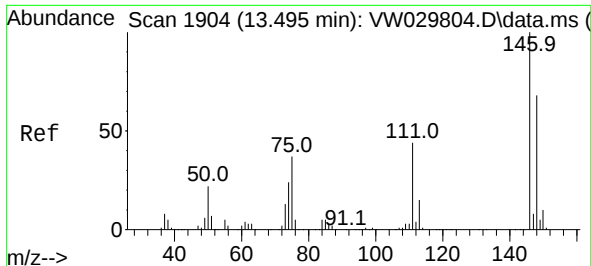
Tgt Ion:105 Resp: 380343
Ion Ratio Lower Upper
105 100
120 47.2 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 26.998 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

Tgt Ion:105 Resp: 373019
Ion Ratio Lower Upper
105 100
120 43.4 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 26.358 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

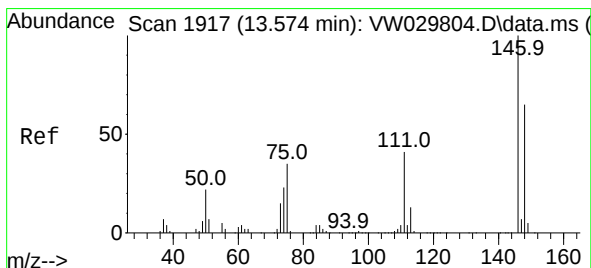
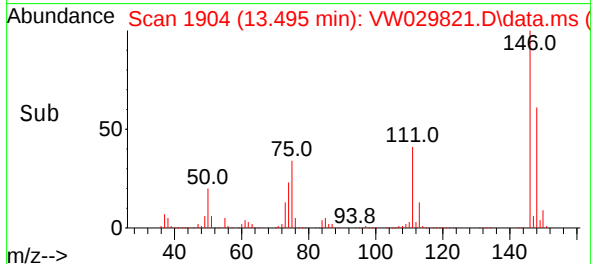
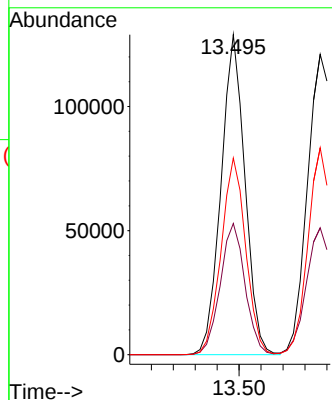
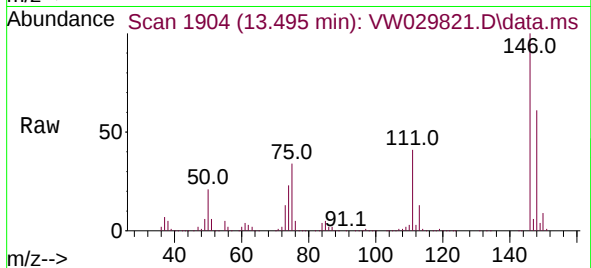
Tgt Ion:146 Resp: 195460

Ion Ratio Lower Upper

146 100

111 41.0 28.7 53.3

148 61.4 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 25.964 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029821.D

Acq: 01 Aug 2024 09:41

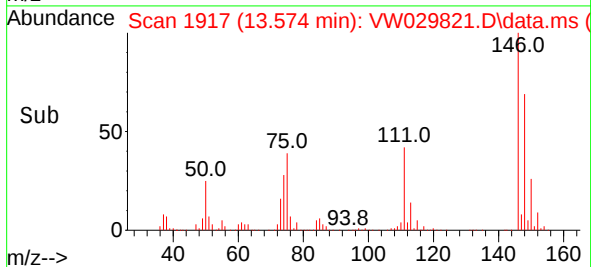
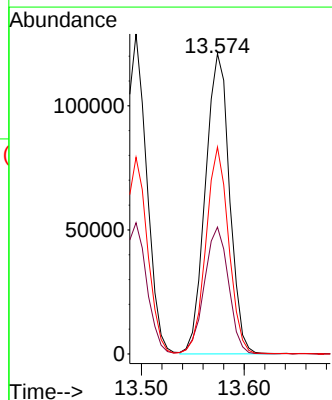
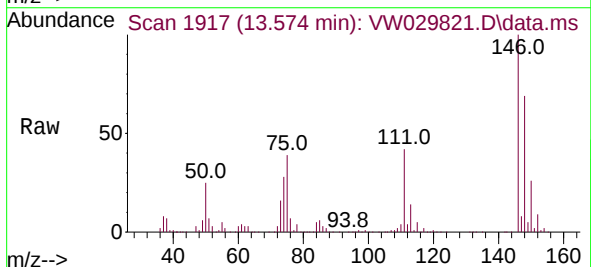
Tgt Ion:146 Resp: 197776

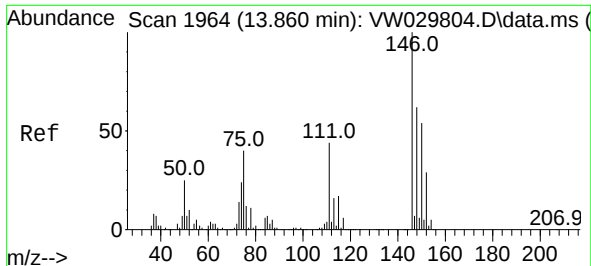
Ion Ratio Lower Upper

146 100

111 42.3 30.1 55.9

148 68.9 45.4 84.4

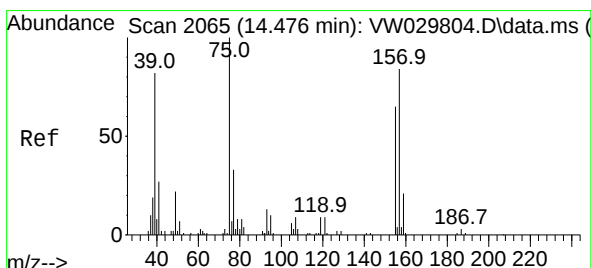
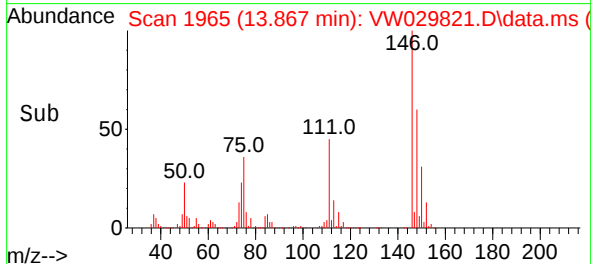
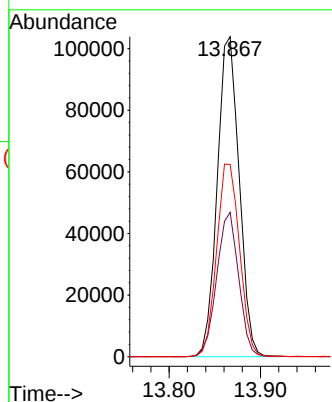
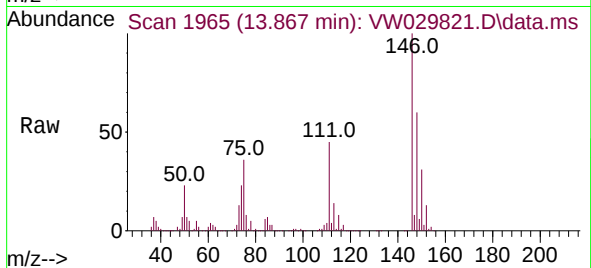




#67
1,2-Dichlorobenzene
Concen: 25.694 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

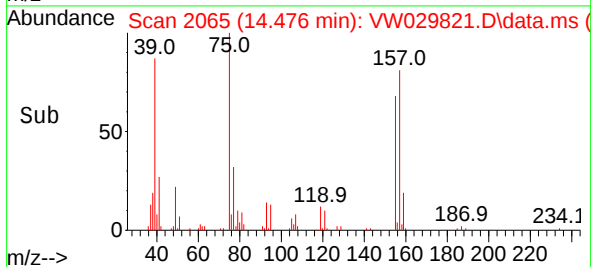
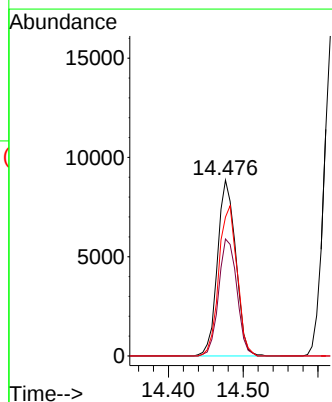
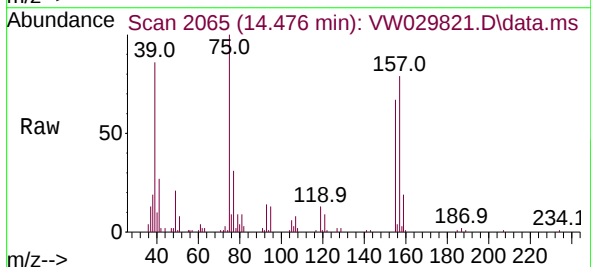
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

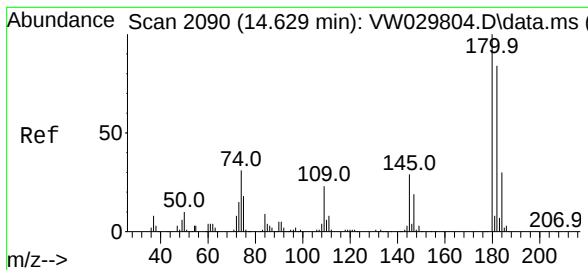
Tgt Ion:146 Resp: 173473
Ion Ratio Lower Upper
146 100
111 45.1 35.8 53.8
148 60.0 52.6 78.8



#68
1,2-Dibromo-3-chloropropane
Concen: 24.234 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

Tgt Ion: 75 Resp: 15032
Ion Ratio Lower Upper
75 100
155 66.5 47.8 71.6
157 79.0 63.7 95.5

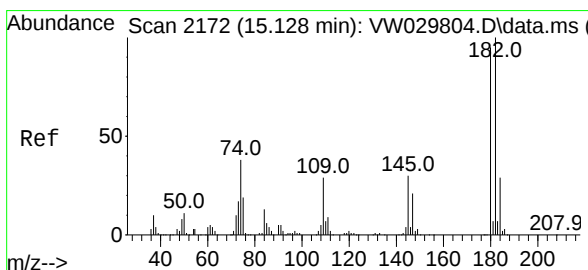
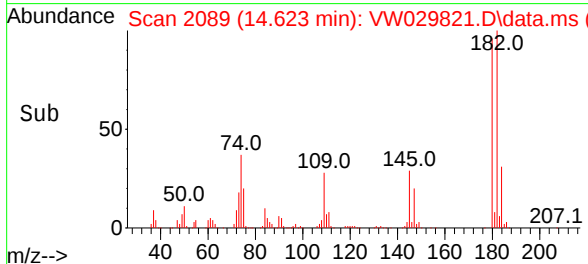
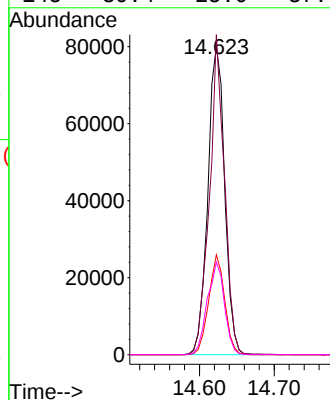
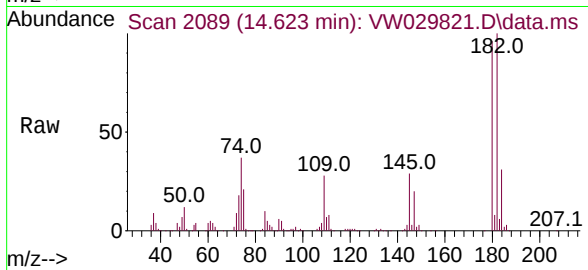




#69
 1,3,5-Trichlorobenzene
 Concen: 24.747 ug/L
 RT: 14.623 min Scan# 2090
 Delta R.T. -0.006 min
 Lab File: VW029821.D
 Acq: 01 Aug 2024 09:41

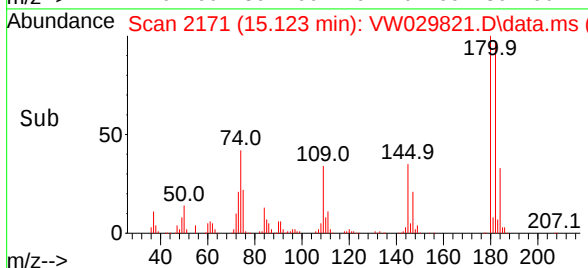
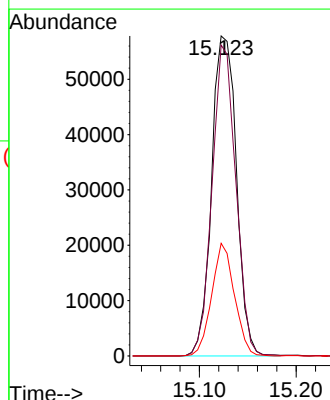
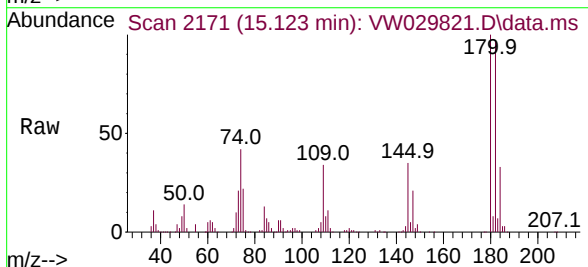
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025565

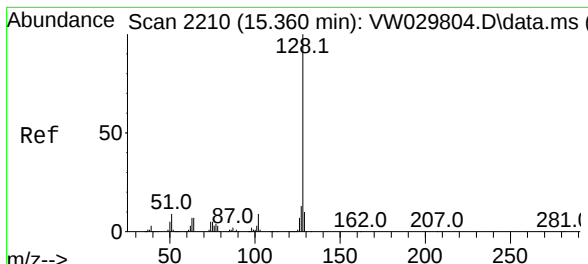
Tgt Ion:	180	Resp:	125556
Ion Ratio	Lower	Upper	
180	100		
182	92.6	72.7	109.1
184	30.8	23.3	34.9
145	30.4	25.0	37.4



#70
 1,2,4-trichlorobenzene
 Concen: 24.131 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW029821.D
 Acq: 01 Aug 2024 09:41

Tgt Ion:	180	Resp:	103147
Ion Ratio	Lower	Upper	
180	100		
182	93.1	80.2	120.4
145	32.3	26.3	39.5



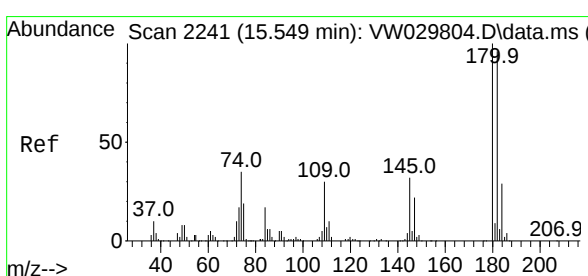
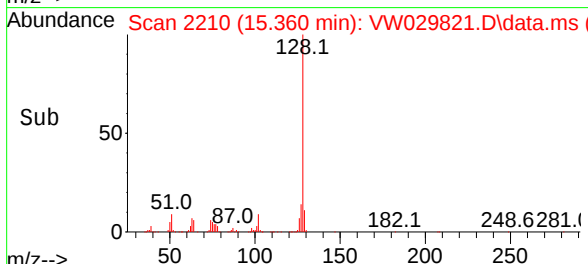
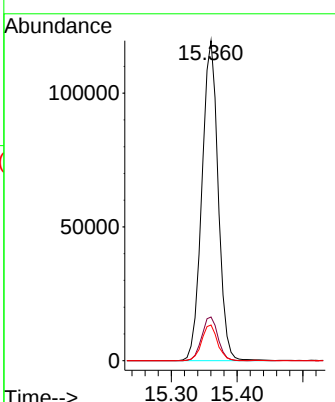
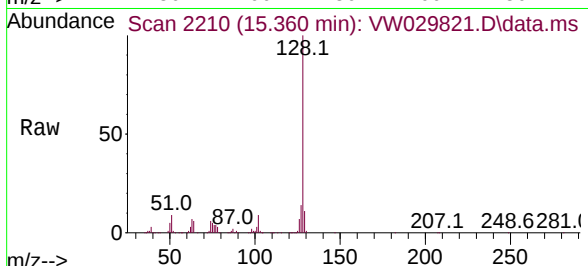


#71
Naphthalene
Concen: 25.169 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

Tgt Ion:128 Resp: 205276

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	10.9	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 25.136 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW029821.D
Acq: 01 Aug 2024 09:41

Tgt Ion:180 Resp: 97244

Ion	Ratio	Lower	Upper
180	100		
182	94.9	74.0	111.0
145	32.4	27.5	41.3

