

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121423\
 Data File : VW027615.D
 Acq On : 14 Dec 2023 08:55
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025563

Quant Time: Dec 15 03:25:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 13 04:25:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	237049	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	217216	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	111423	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	87291	18.299	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.200%
7) Chloroethane-d5	2.905	69	72138	20.861	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.440%
11) 1,1-Dichloroethene-d2	4.027	65	41668	20.643	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.560%
21) 2-Butanone-d5	7.081	46	58308	46.647	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.300%
24) Chloroform-d	7.648	84	179096	25.311	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.240%
26) 1,2-Dichloroethane-d4	8.307	65	90358	24.972	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.880%
32) Benzene-d6	8.276	84	352677	23.052	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	9.276	67	113521	25.170	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.680%
41) Toluene-d8	10.325	98	298838	22.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.320%
43) trans-1,3-Dichloroprop...	10.581	79	40095	22.989	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.960%
47) 2-Hexanone-d5	10.922	63	40285	47.939	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	89527	24.133	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.520%
66) 1,2-Dichlorobenzene-d4	13.854	152	96980	24.830	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	80020	25.211	ug/L	95
3) Chloromethane	2.228	50	105665	27.182	ug/L	100
5) Vinyl chloride	2.375	62	118564	26.148	ug/L	97
6) Bromomethane	2.795	94	66330	27.874	ug/L	99
8) Chloroethane	2.942	64	69650	26.894	ug/L	90
9) Trichlorofluoromethane	3.277	101	115032	26.488	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	86907	23.468	ug/L	94
12) 1,1-Dichloroethene	4.051	96	88035	26.037	ug/L	86
13) Acetone	4.131	43	65209	54.115	ug/L	99
14) Carbon disulfide	4.393	76	288520	28.237	ug/L	99
15) Methyl Acetate	4.673	43	46841	22.242	ug/L	99
16) Methylene chloride	4.923	84	98151	25.391	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	94373	27.069	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	157852	28.070	ug/L #	84
19) 1,1-Dichloroethane	6.222	63	190463	26.863	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	101639	27.146	ug/L	97
22) 2-Butanone	7.173	43	73679	47.395	ug/L	97
23) Bromochloromethane	7.514	128	40776	27.689	ug/L	97
25) Chloroform	7.679	83	180171	27.987	ug/L	90

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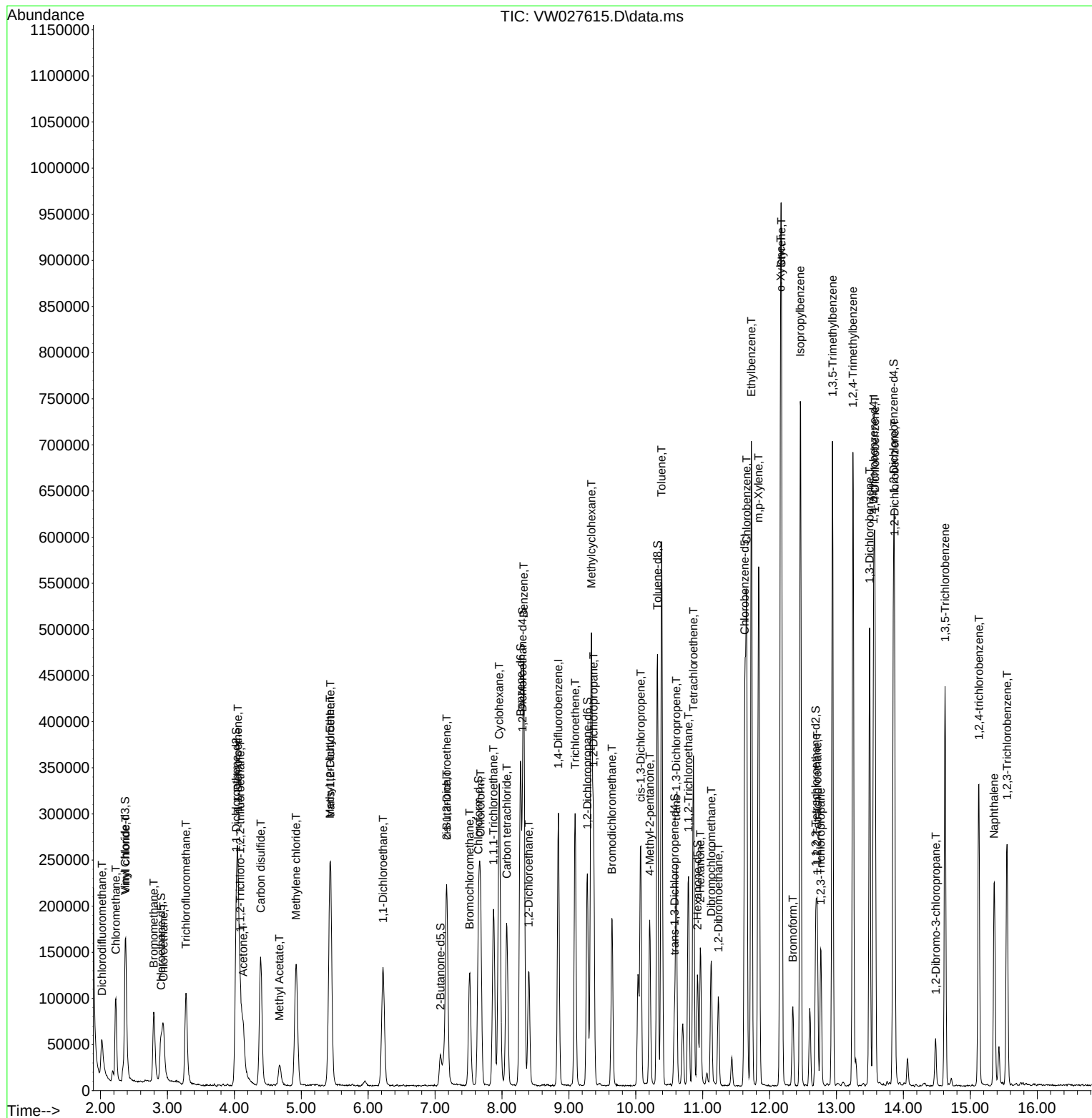
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27) 1,2-Dichloroethane	8.398	62	113631	27.310	ug/L	99
29) Cyclohexane	7.959	56	186732	26.149	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	153740	25.372	ug/L	100
31) Carbon tetrachloride	8.069	117	131754	24.929	ug/L	99
33) Benzene	8.325	78	403317	26.902	ug/L	100
34) Trichloroethene	9.093	95	103687	25.321	ug/L	92
35) Methylcyclohexane	9.337	83	191426	26.253	ug/L	100
37) 1,2-Dichloropropane	9.367	63	106434	26.889	ug/L	98
38) Bromodichloromethane	9.642	83	122621	26.797	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	155651	27.240	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	126321	47.213	ug/L	99
42) Toluene	10.386	91	419086	26.430	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	124038	26.909	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	70321	25.510	ug/L	97
46) Tetrachloroethene	10.861	164	73215	25.080	ug/L	95
48) 2-Hexanone	10.965	43	100067	53.068	ug/L	99
49) Dibromochloromethane	11.129	129	71344	26.182	ug/L	97
50) 1,2-Dibromoethane	11.233	107	65516	25.977	ug/L	99
51) Chlorobenzene	11.654	112	256030	26.764	ug/L	98
52) Ethylbenzene	11.727	91	478992	26.593	ug/L	96
53) m,p-Xylene	11.837	106	175811	26.490	ug/L	97
54) o-Xylene	12.166	106	166081	27.532	ug/L	93
55) Styrene	12.178	104	284032	27.587	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	87472	24.374	ug/L	98
59) Bromoform	12.349	173	38071	24.396	ug/L	97
60) Isopropylbenzene	12.458	105	479911	26.086	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	63490	23.624	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	356387	26.192	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	356066	26.275	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	178890	25.386	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	183912	26.166	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	170575	26.868	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	13243	20.486	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.623	180	119908	25.305	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	102037	27.730	ug/L	92
71) Naphthalene	15.354	128	191870	24.790	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	84975	26.958	ug/L	99

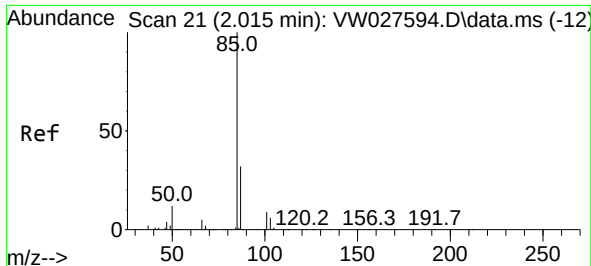
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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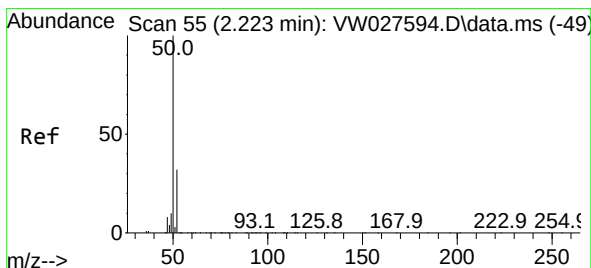
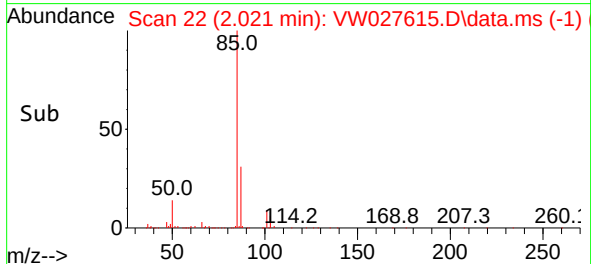
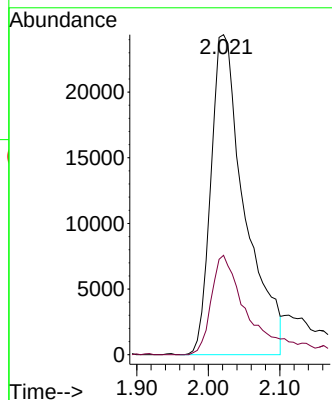
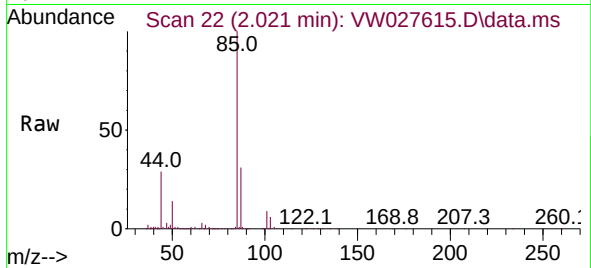




#2
 Dichlorodifluoromethane
 Concen: 25.211 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027615.D
 Acq: 14 Dec 2023 08:55

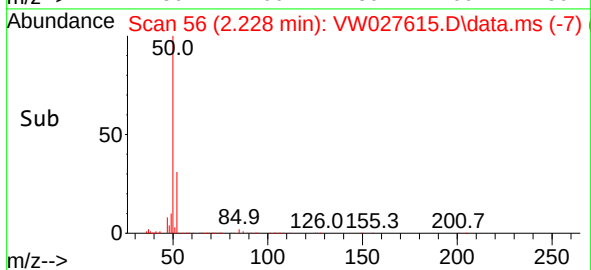
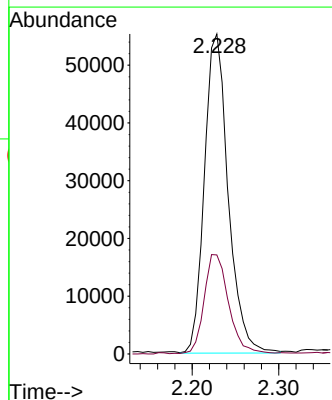
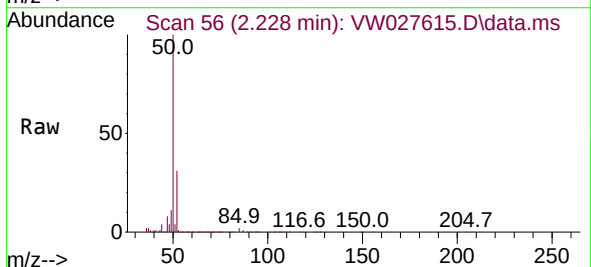
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025563

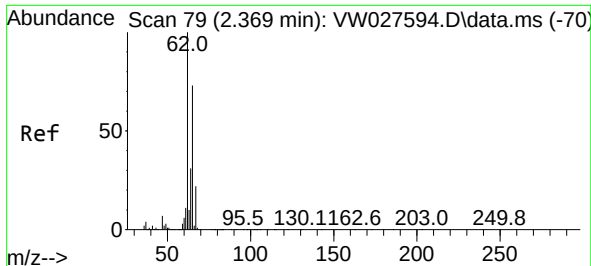
Tgt Ion: 85 Resp: 80020
 Ion Ratio Lower Upper
 85 100
 87 32.8 24.0 36.0



#3
 Chloromethane
 Concen: 27.182 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW027615.D
 Acq: 14 Dec 2023 08:55

Tgt Ion: 50 Resp: 105665
 Ion Ratio Lower Upper
 50 100
 52 30.9 21.8 40.6

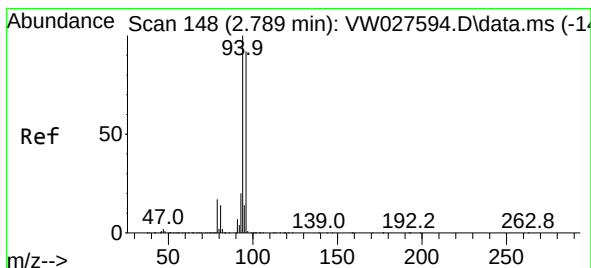
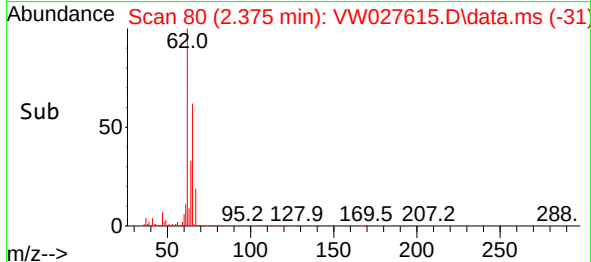
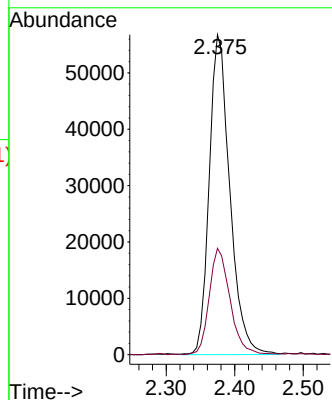
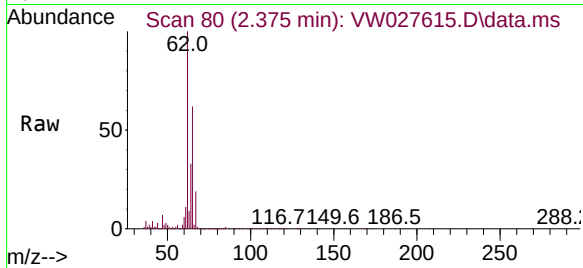




#5
 Vinyl chloride
 Concen: 26.148 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027615.D
 Acq: 14 Dec 2023 08:55

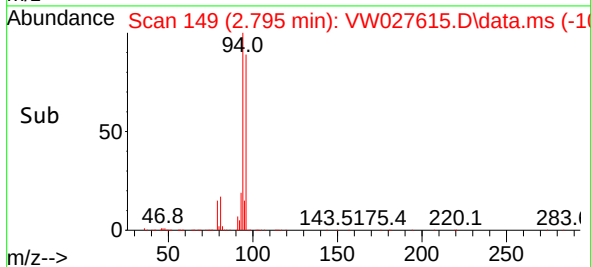
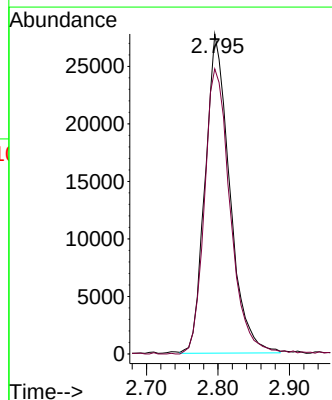
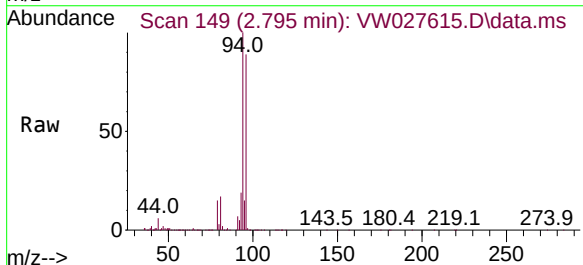
Instrument :
 MSVOA_W
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 VSTD025563

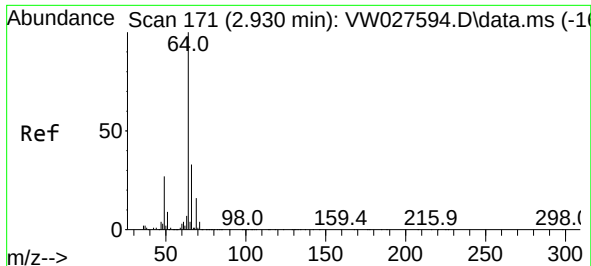
Tgt Ion: 62 Resp: 118564
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.2 41.2



#6
 Bromomethane
 Concen: 27.874 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.006 min
 Lab File: VW027615.D
 Acq: 14 Dec 2023 08:55

Tgt Ion: 94 Resp: 66330
 Ion Ratio Lower Upper
 94 100
 96 89.1 63.3 117.7

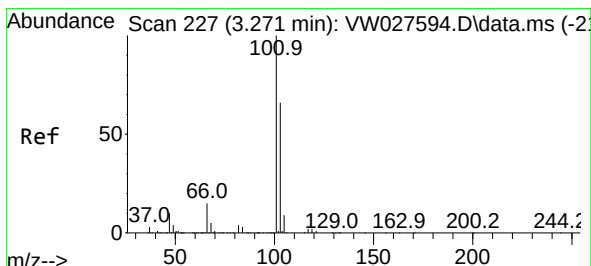
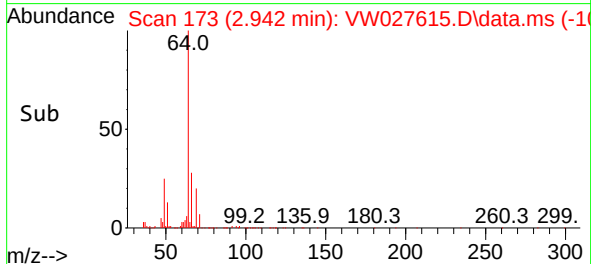
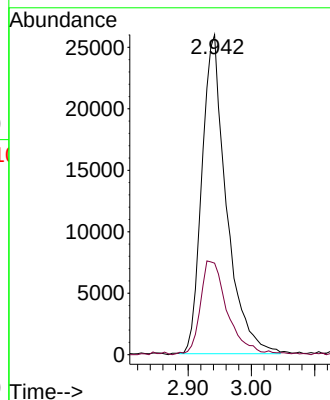
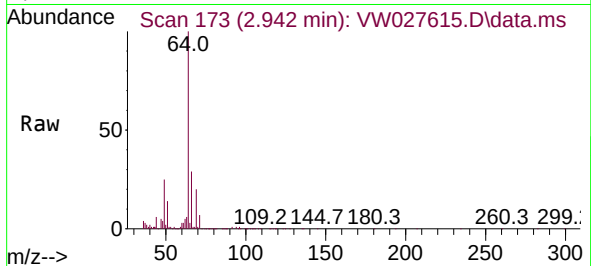




#8
Chloroethane
Concen: 26.894 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

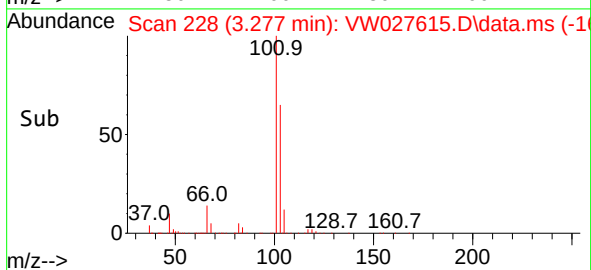
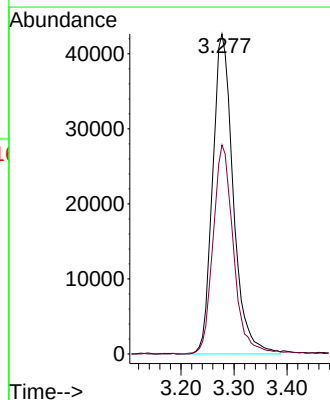
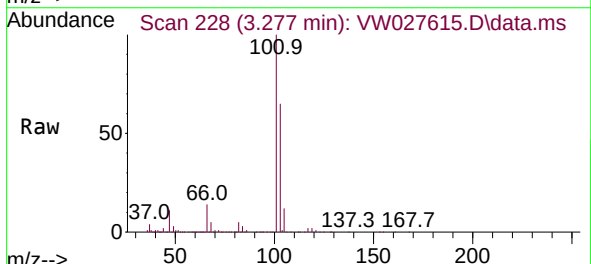
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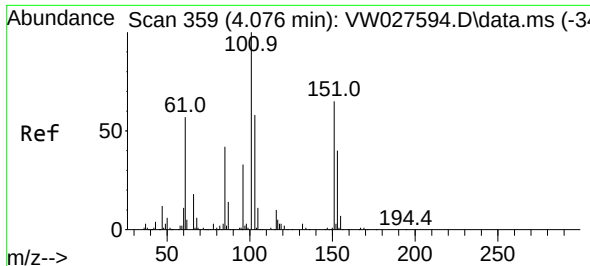
Tgt Ion: 64 Resp: 69650
Ion Ratio Lower Upper
64 100
66 28.6 24.1 44.7



#9
Trichlorofluoromethane
Concen: 26.488 ug/L
RT: 3.277 min Scan# 228
Delta R.T. -0.006 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

Tgt Ion: 101 Resp: 115032
Ion Ratio Lower Upper
101 100
103 64.3 52.0 78.0

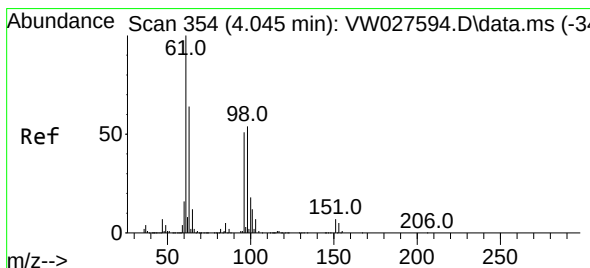
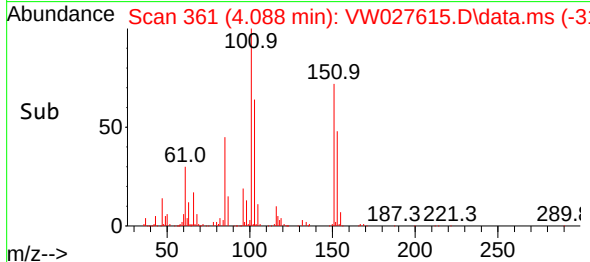
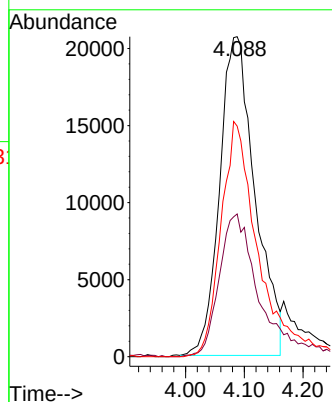
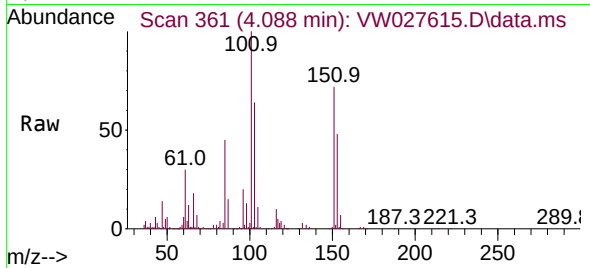




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.468 ug/L
 RT: 4.088 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VW027615.D
 Acq: 14 Dec 2023 08:55

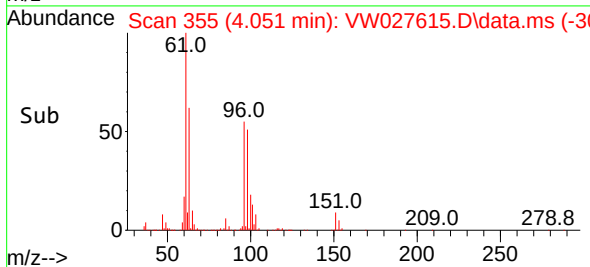
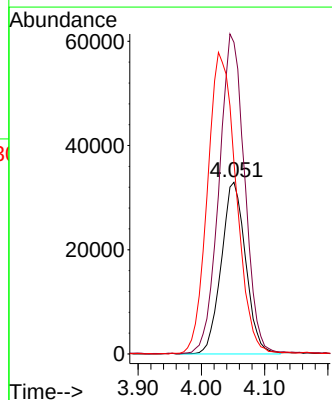
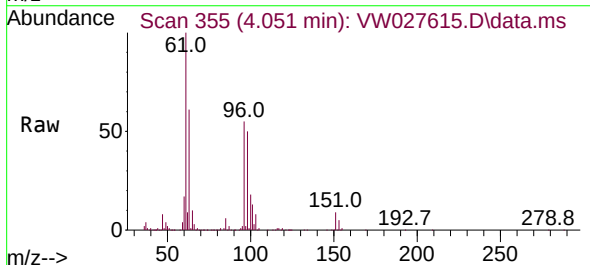
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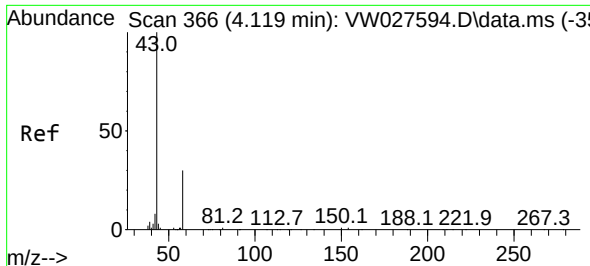
Tgt Ion: 101 Resp: 86907
 Ion Ratio Lower Upper
 101 100
 85 44.2 33.9 50.9
 151 74.9 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 26.037 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW027615.D
 Acq: 14 Dec 2023 08:55

Tgt Ion: 96 Resp: 88035
 Ion Ratio Lower Upper
 96 100
 61 181.5 127.8 237.4
 63 111.6 104.9 194.7





#13

Acetone

Concen: 54.115 ug/L

RT: 4.131 min Scan# 368

Delta R.T. 0.012 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

Instrument :

MSVOA_W

ClientSampleId :

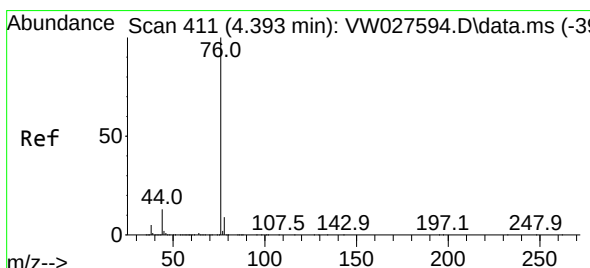
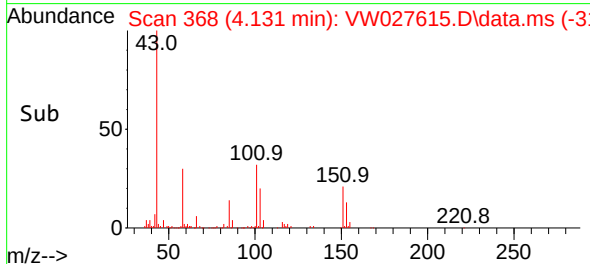
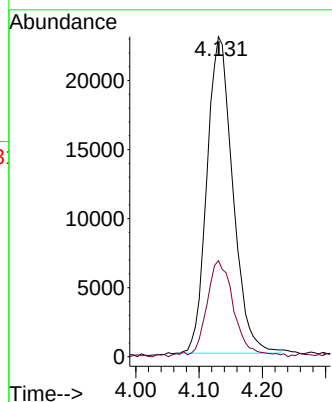
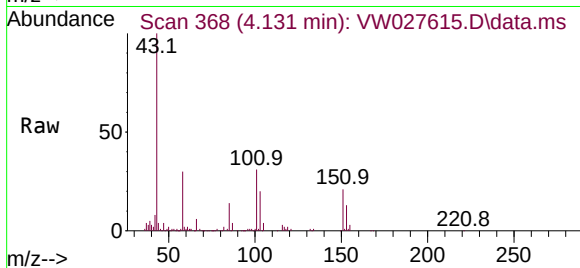
VSTD025563

Tgt Ion: 43 Resp: 65209

Ion Ratio Lower Upper

43 100

58 30.8 0.0 60.0



#14

Carbon disulfide

Concen: 28.237 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW027615.D

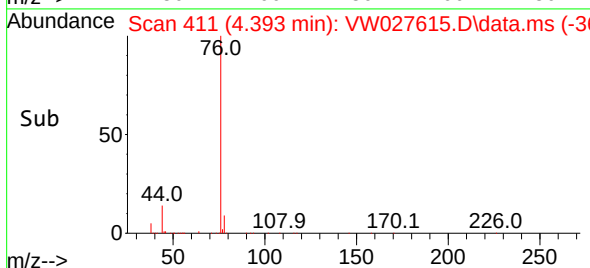
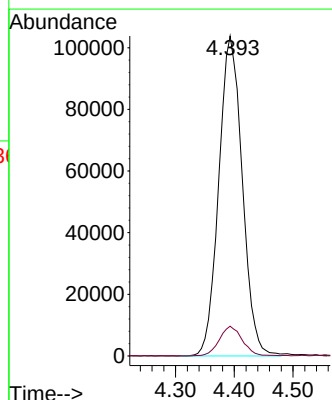
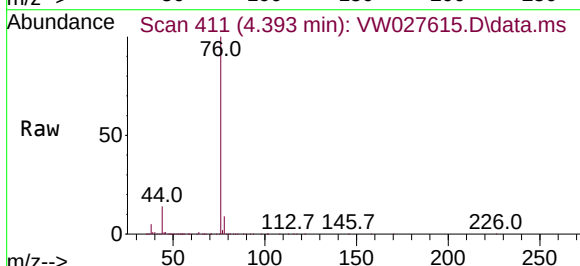
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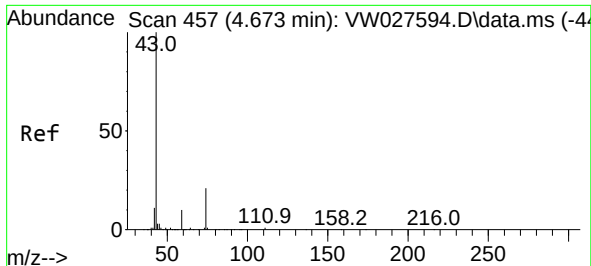
Tgt Ion: 76 Resp: 288520

Ion Ratio Lower Upper

76 100

78 9.3 7.8 11.6

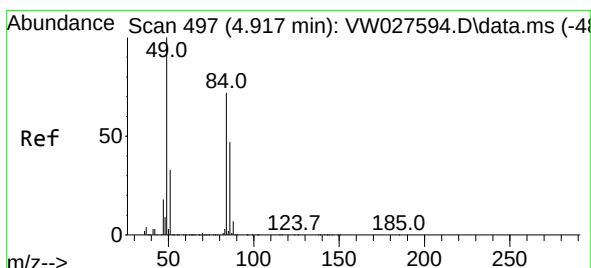
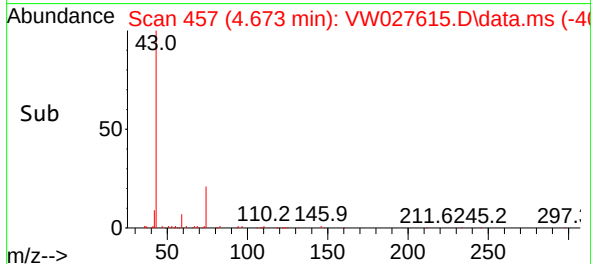
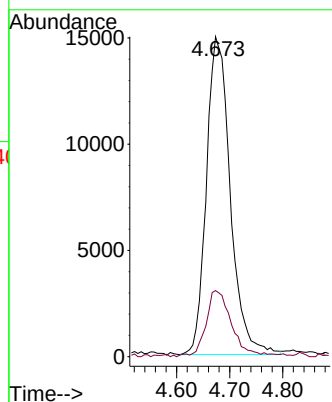
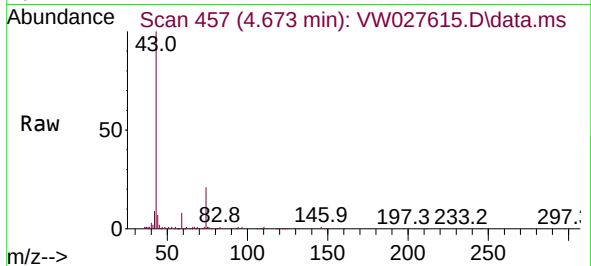




#15
Methyl Acetate
Concen: 22.242 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

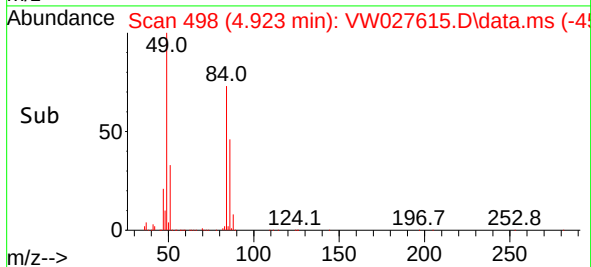
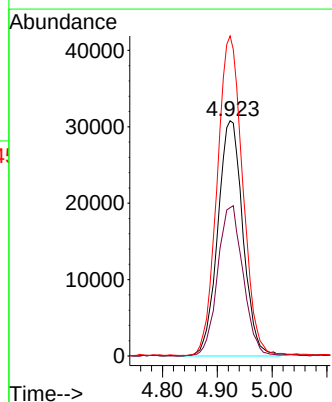
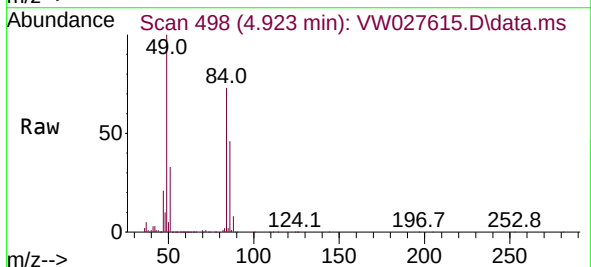
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

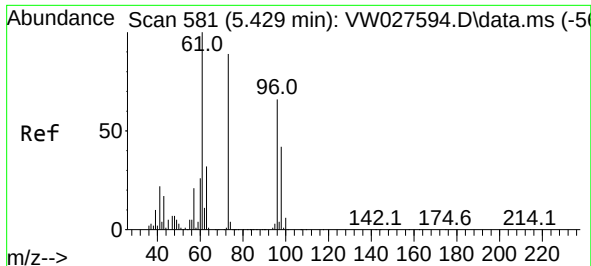
Tgt Ion: 43 Resp: 46841
Ion Ratio Lower Upper
43 100
74 20.7 16.8 25.2



#16
Methylene chloride
Concen: 25.391 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.006 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

Tgt Ion: 84 Resp: 98151
Ion Ratio Lower Upper
84 100
86 63.1 47.7 88.7
49 136.1 97.4 181.0

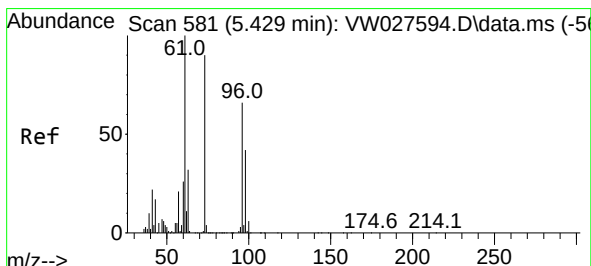
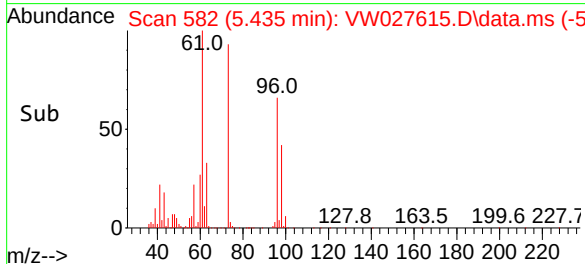
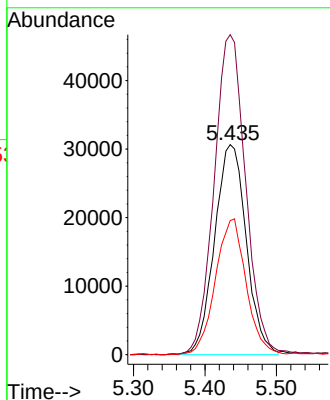
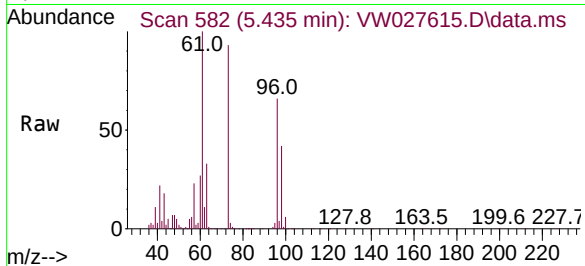




#17
trans-1,2-Dichloroethene
Concen: 27.069 ug/L
RT: 5.435 min Scan# 582
Delta R.T. -0.000 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

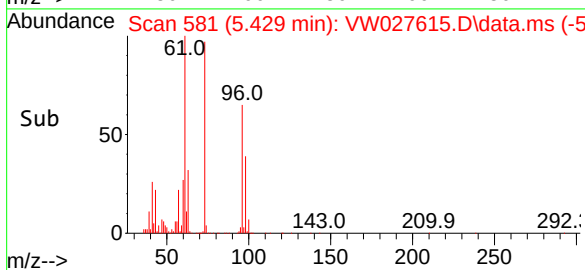
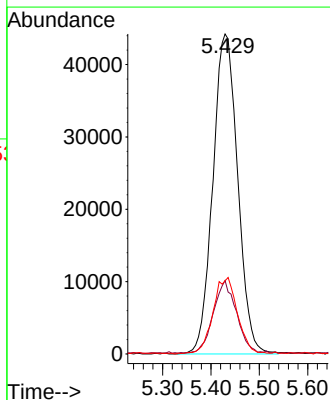
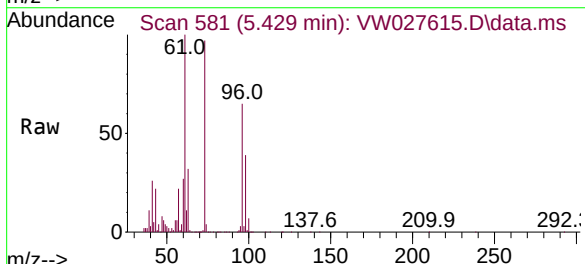
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

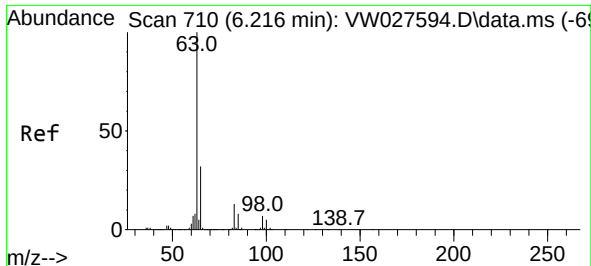
Tgt Ion: 96 Resp: 94373
Ion Ratio Lower Upper
96 100
61 152.4 109.6 203.6
98 63.9 41.9 77.7



#18
Methyl tert-butyl Ether
Concen: 28.070 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

Tgt Ion: 73 Resp: 157852
Ion Ratio Lower Upper
73 100
43 21.3 17.8 26.6
57 10.2 19.9 29.9





#19

1,1-Dichloroethane

Concen: 26.863 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

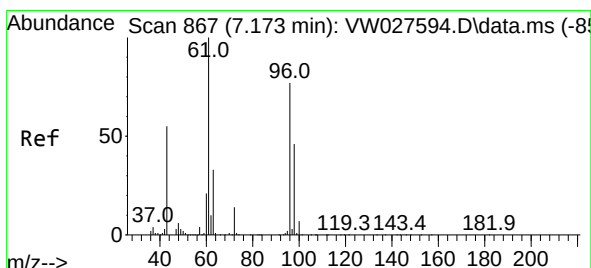
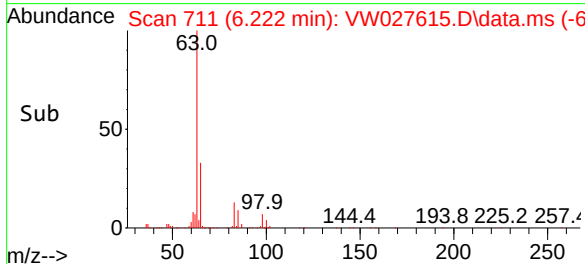
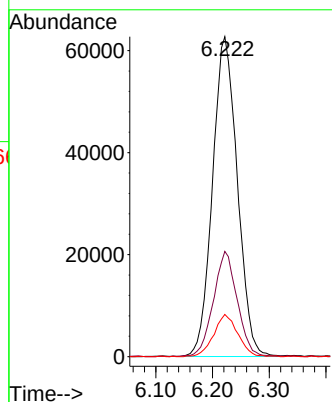
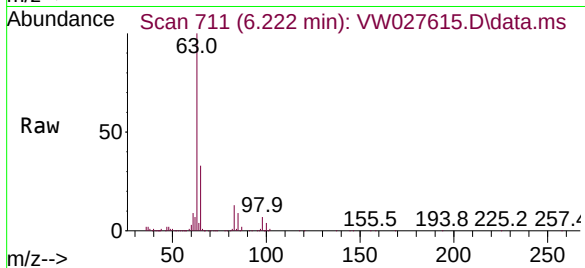
Tgt Ion: 63 Resp: 190463

Ion Ratio Lower Upper

63 100

65 32.9 22.0 40.8

83 13.2 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 27.146 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

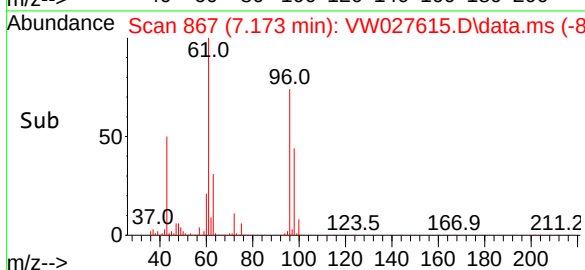
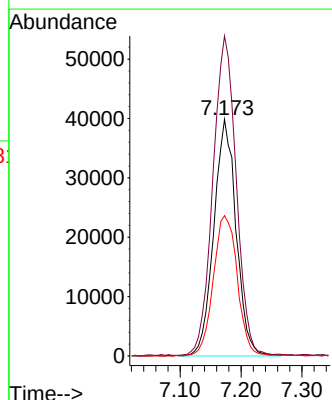
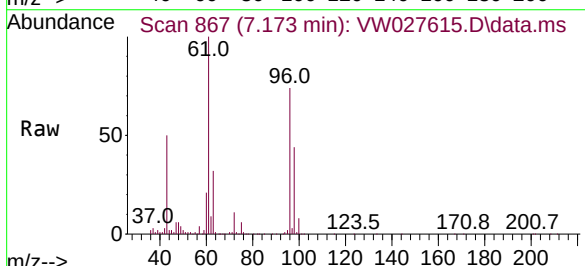
Tgt Ion: 96 Resp: 101639

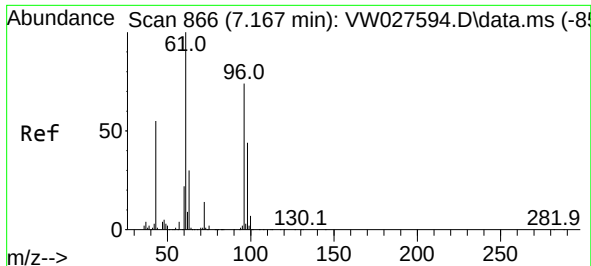
Ion Ratio Lower Upper

96 100

61 135.3 94.0 174.6

98 59.3 45.1 83.7

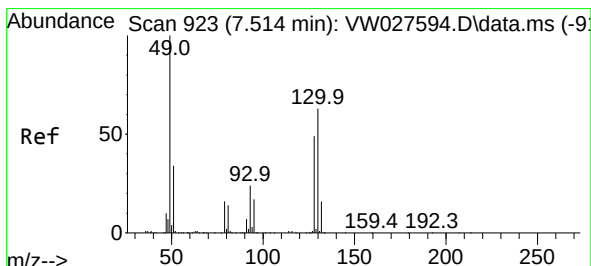
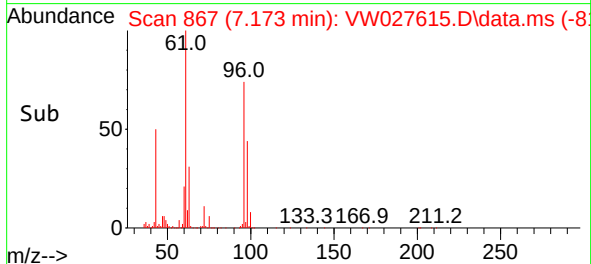
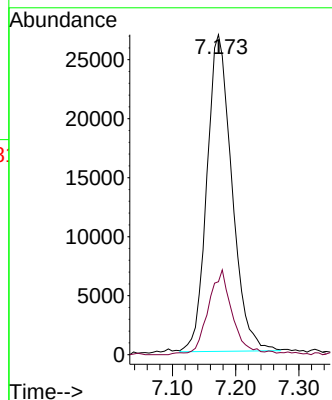
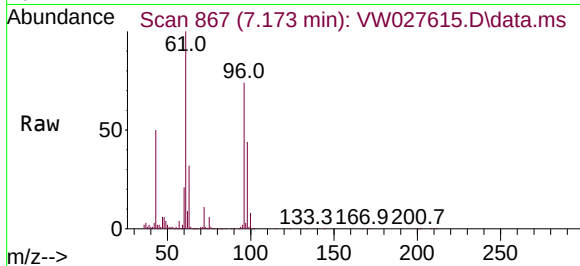




#22
2-Butanone
Concen: 47.395 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

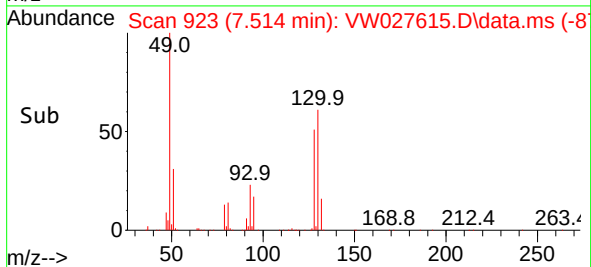
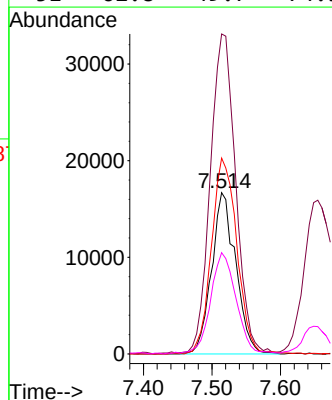
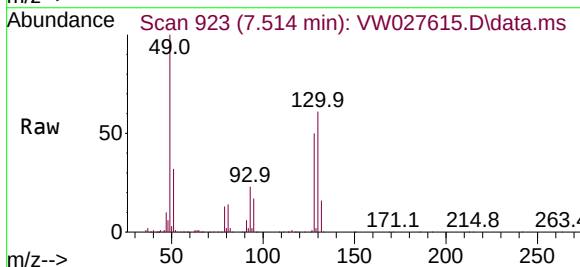
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

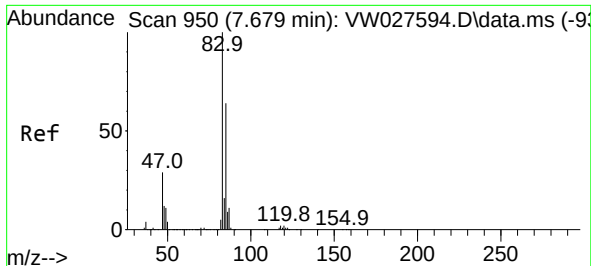
Tgt Ion: 43 Resp: 73679
Ion Ratio Lower Upper
43 100
72 25.1 11.9 35.9



#23
Bromochloromethane
Concen: 27.689 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

Tgt Ion: 128 Resp: 40776
Ion Ratio Lower Upper
128 100
49 198.4 137.8 256.0
130 121.4 91.2 169.4
51 62.8 49.7 74.5

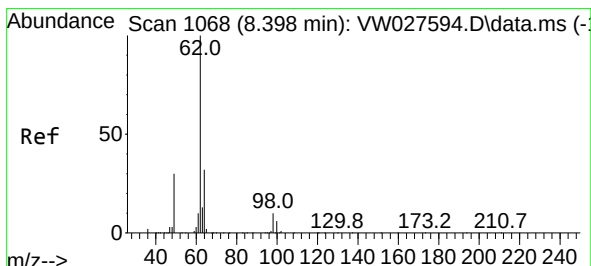
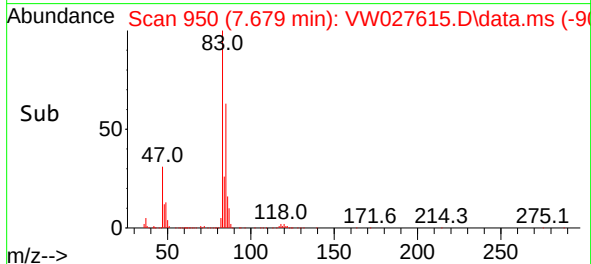
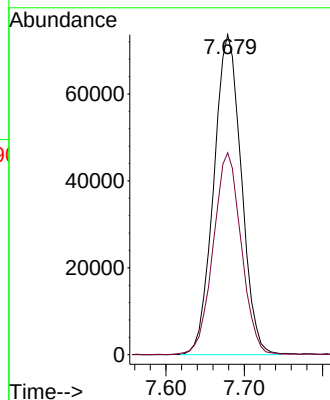
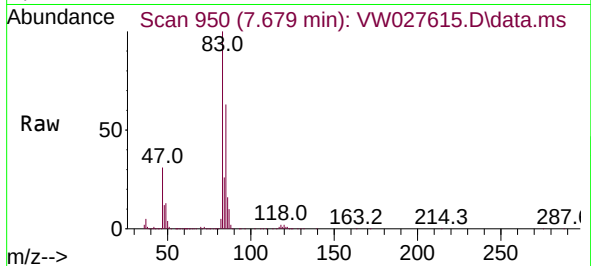




#25
Chloroform
Concen: 27.987 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

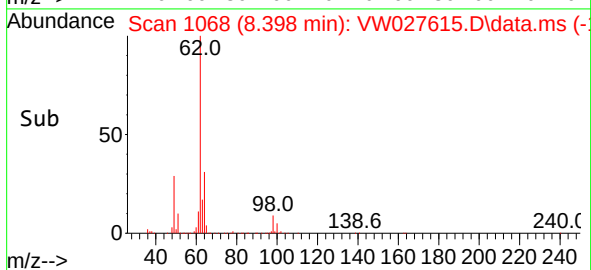
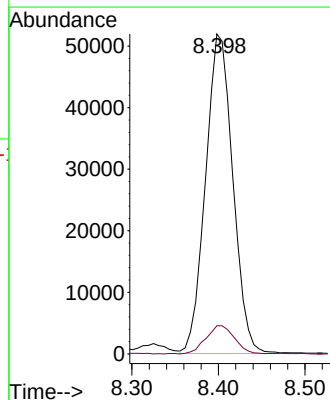
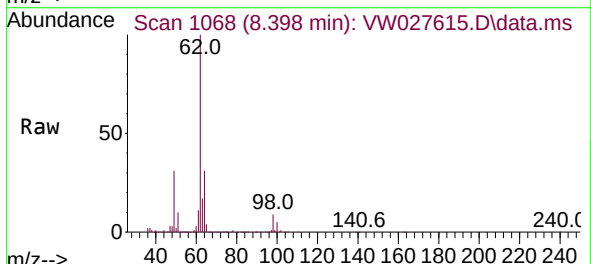
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

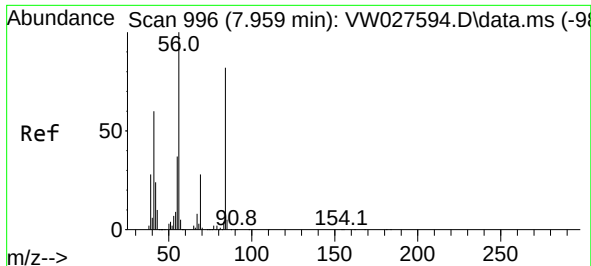
Tgt Ion: 83 Resp: 180171
Ion Ratio Lower Upper
83 100
85 63.1 49.8 92.6



#27
1,2-Dichloroethane
Concen: 27.310 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

Tgt Ion: 62 Resp: 113631
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.0





#29

Cyclohexane

Concen: 26.149 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

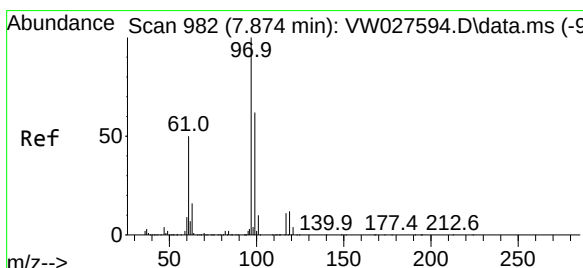
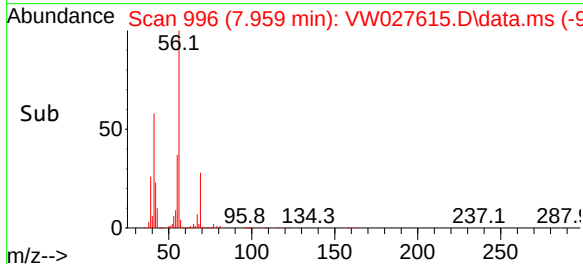
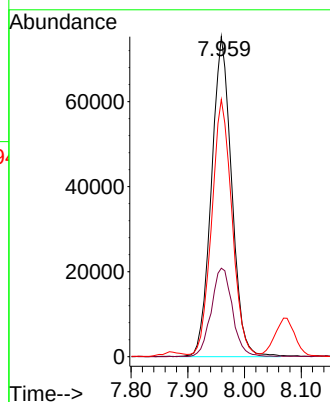
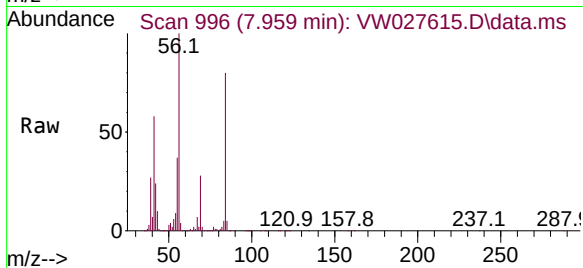
Tgt Ion: 56 Resp: 186732

Ion Ratio Lower Upper

56 100

69 28.9 24.1 36.1

84 80.7 65.0 97.4



#30

1,1,1-Trichloroethane

Concen: 25.372 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

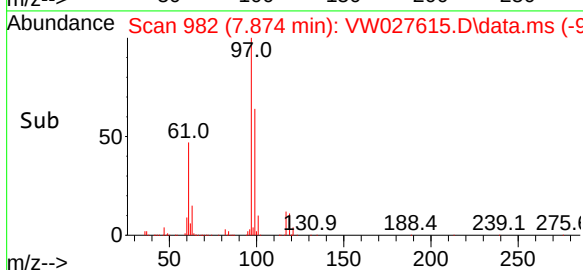
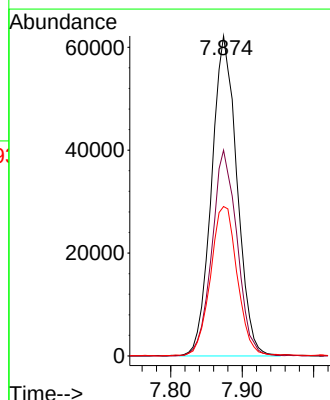
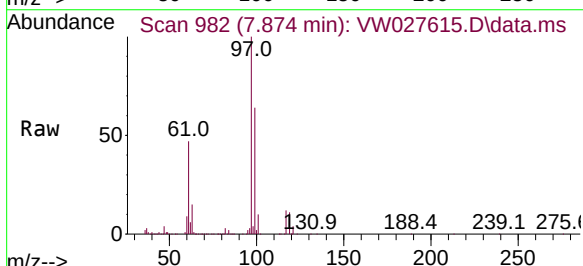
Tgt Ion: 97 Resp: 153740

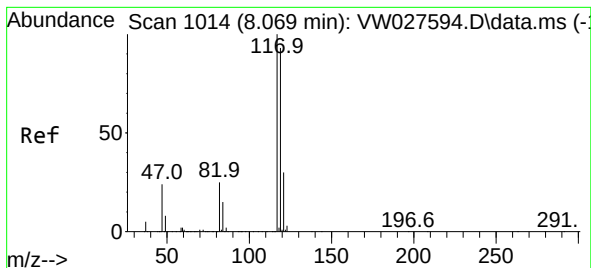
Ion Ratio Lower Upper

97 100

99 63.4 50.5 75.7

61 48.4 39.0 58.4





#31

Carbon tetrachloride

Concen: 24.929 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

Instrument :

MSVOA_W

ClientSampleId :

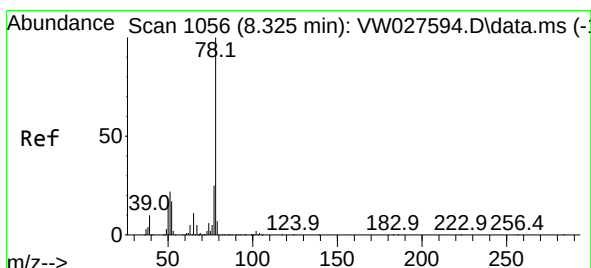
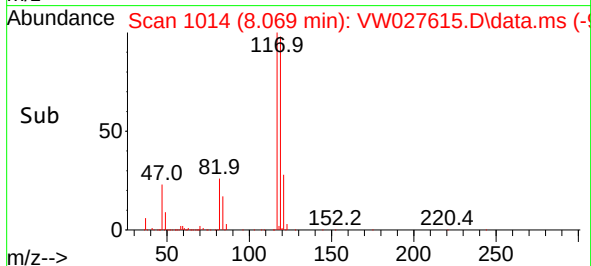
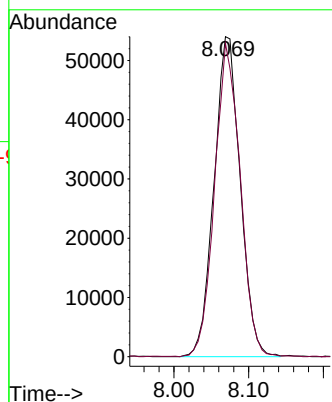
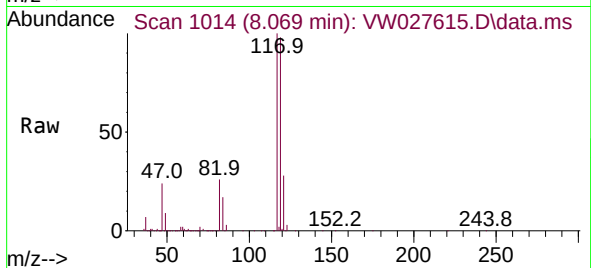
VSTD025563

Tgt Ion:117 Resp: 131754

Ion Ratio Lower Upper

117 100

119 95.7 77.0 115.6



#33

Benzene

Concen: 26.902 ug/L

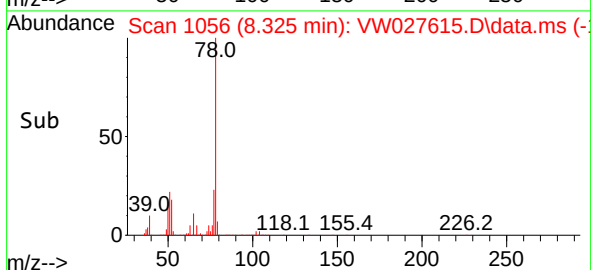
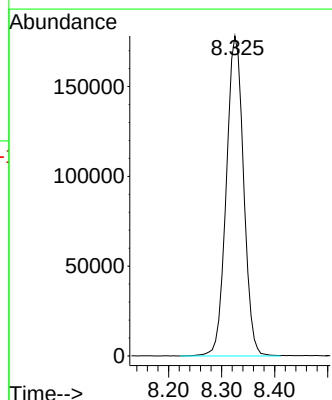
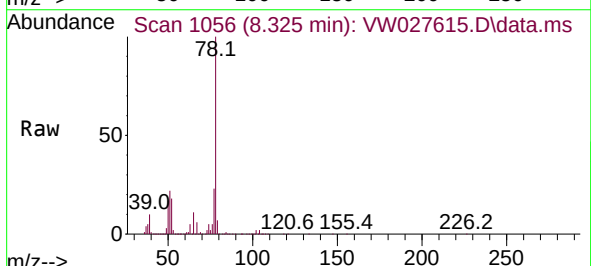
RT: 8.325 min Scan# 1056

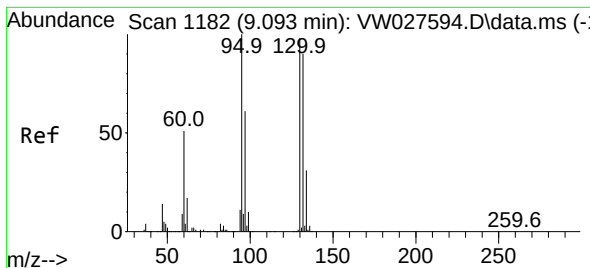
Delta R.T. -0.000 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

Tgt Ion: 78 Resp: 403317





#34

Trichloroethene

Concen: 25.321 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

Tgt Ion: 95 Resp: 103687

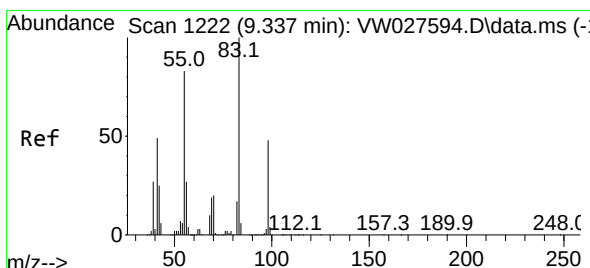
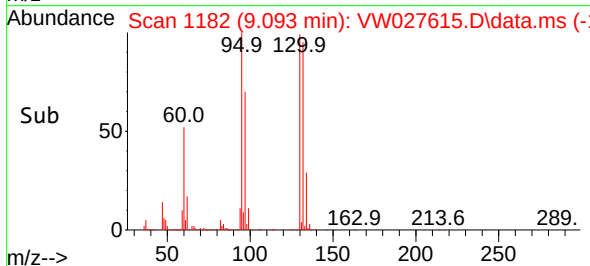
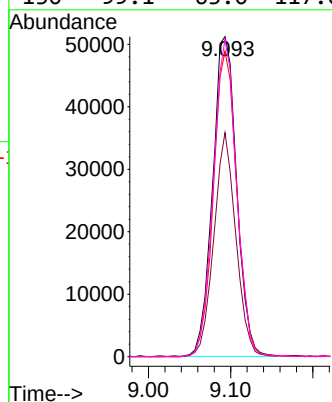
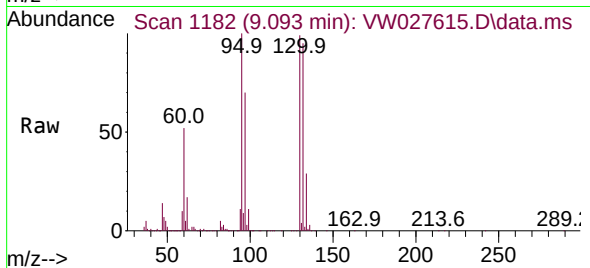
Ion Ratio Lower Upper

95 100

97 70.0 43.0 80.0

132 95.4 64.1 119.1

130 99.1 63.0 117.0



#35

Methylcyclohexane

Concen: 26.253 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

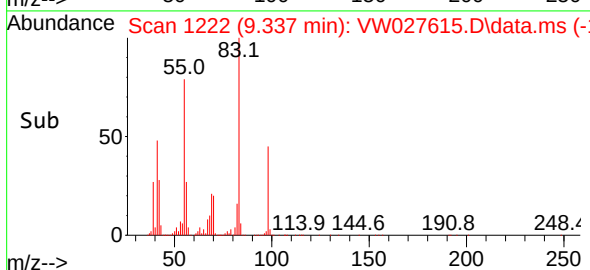
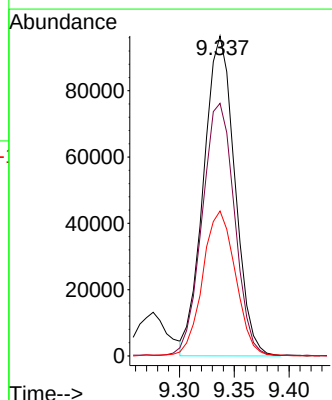
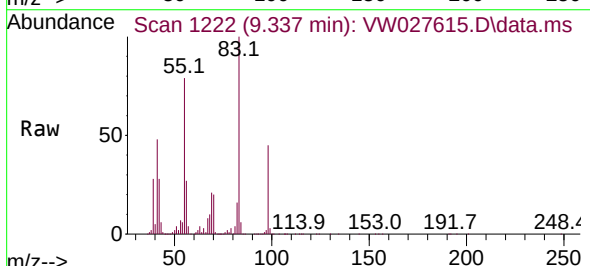
Tgt Ion: 83 Resp: 191426

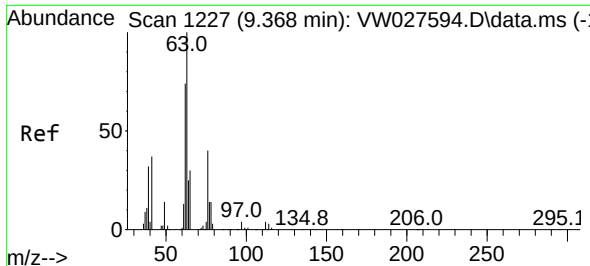
Ion Ratio Lower Upper

83 100

55 81.8 65.6 98.4

98 47.6 38.3 57.5





#37

1,2-Dichloropropane

Concen: 26.889 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

Instrument :

MSVOA_W

ClientSampleId :

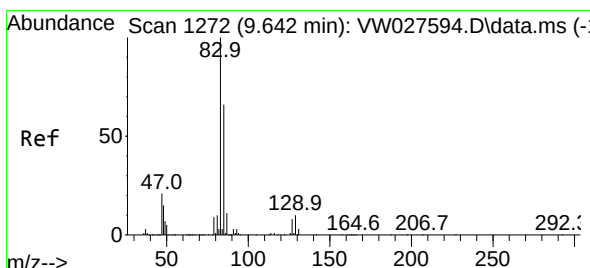
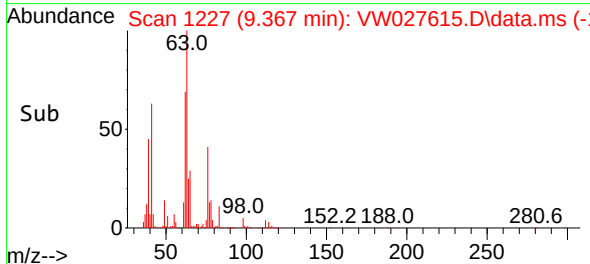
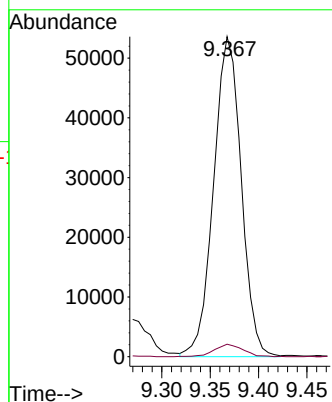
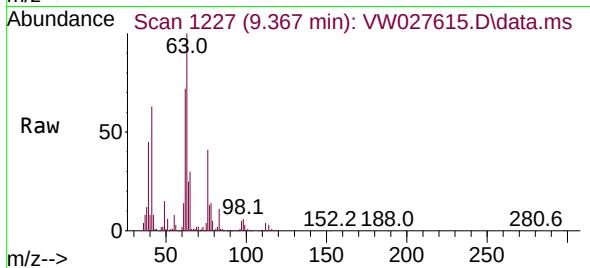
VSTD025563

Tgt Ion: 63 Resp: 106434

Ion Ratio Lower Upper

63 100

112 4.0 3.6 5.4



#38

Bromodichloromethane

Concen: 26.797 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

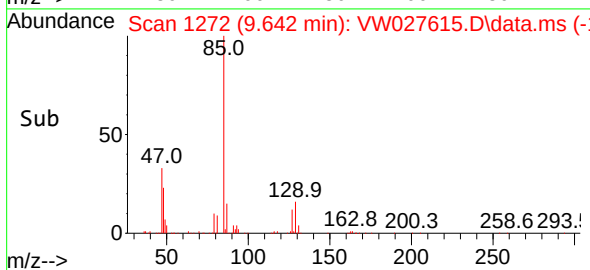
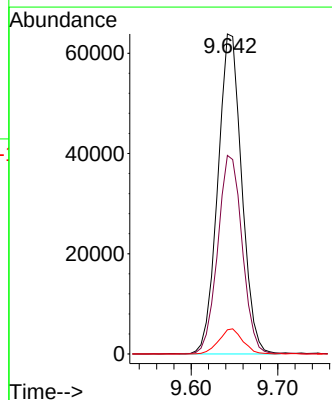
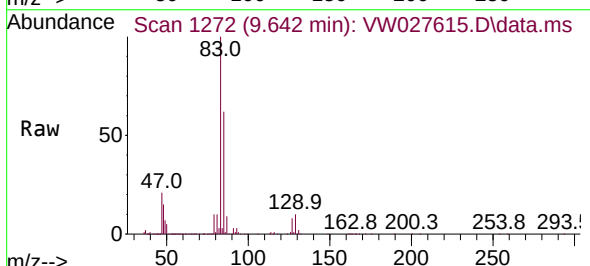
Tgt Ion: 83 Resp: 122621

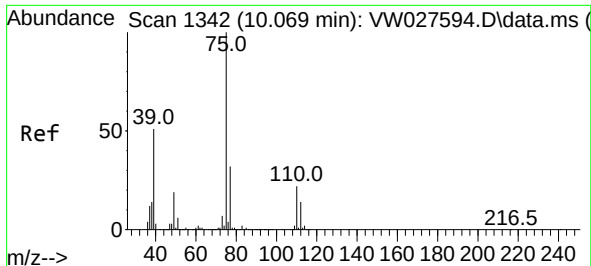
Ion Ratio Lower Upper

83 100

85 62.1 44.3 82.3

127 7.5 5.3 7.9





#39

cis-1,3-Dichloropropene

Concen: 27.240 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

Instrument :

MSVOA_W

ClientSampleId :

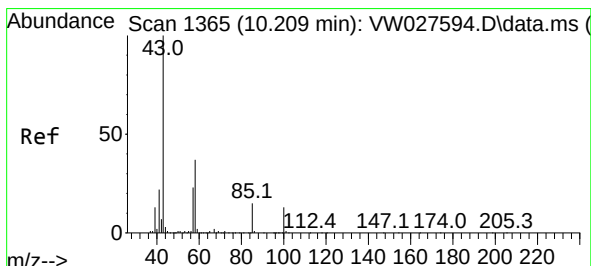
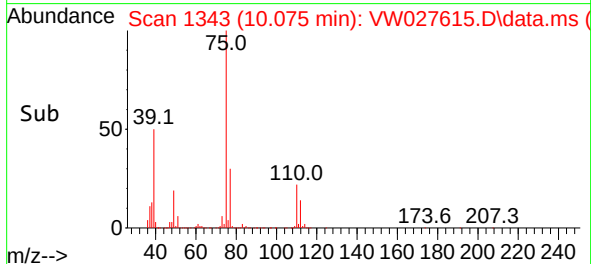
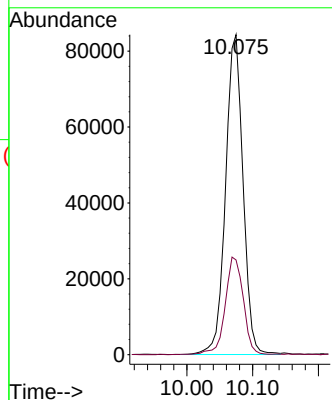
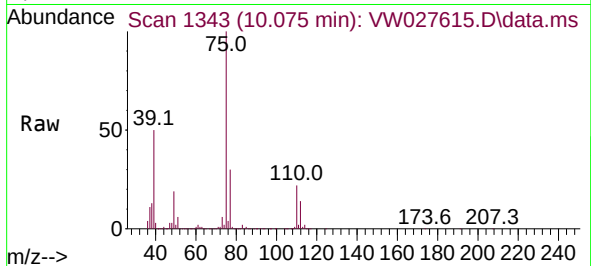
VSTD025563

Tgt Ion: 75 Resp: 155651

Ion Ratio Lower Upper

75 100

77 29.6 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 47.213 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

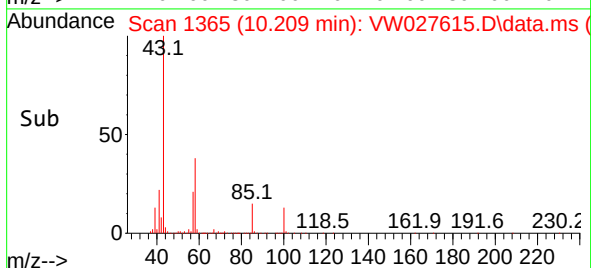
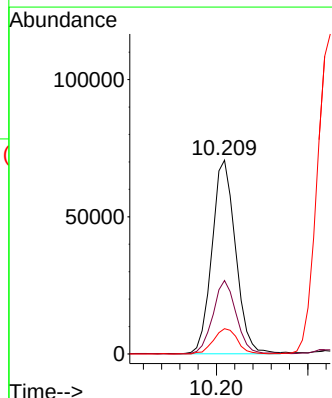
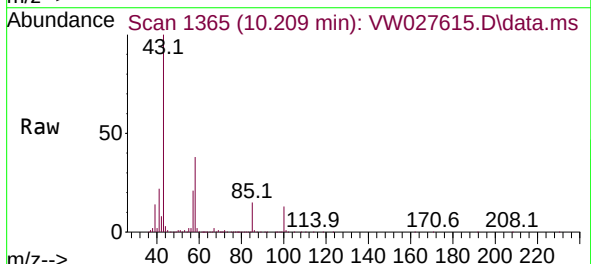
Tgt Ion: 43 Resp: 126321

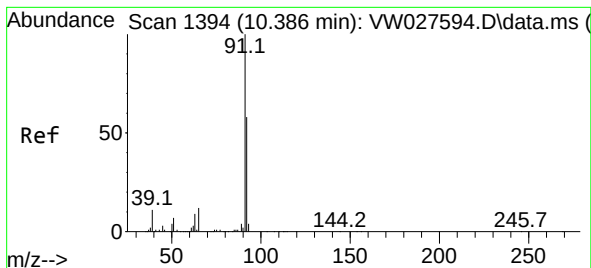
Ion Ratio Lower Upper

43 100

58 37.4 29.6 44.4

100 13.3 11.1 16.7





#42

Toluene

Concen: 26.430 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

Instrument :

MSVOA_W

ClientSampleId :

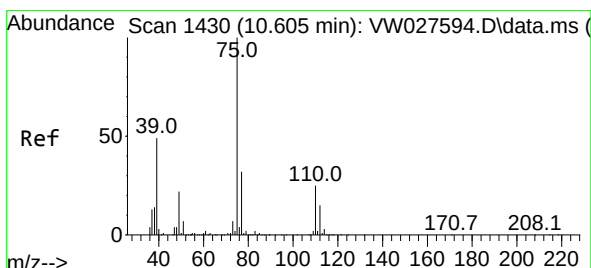
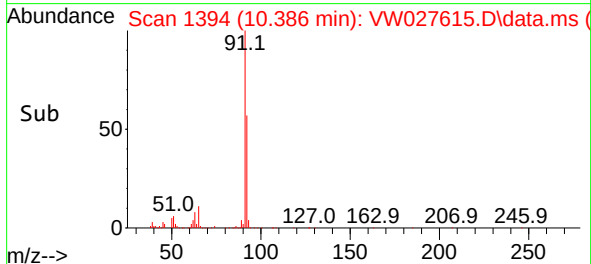
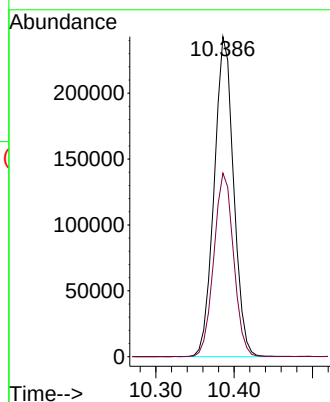
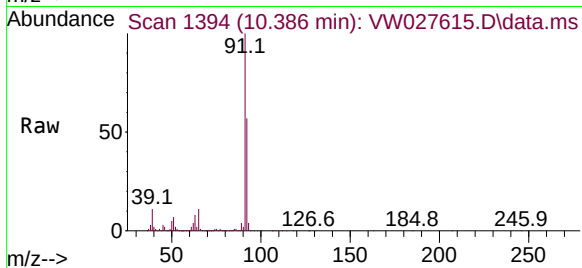
VSTD025563

Tgt Ion: 91 Resp: 419086

Ion Ratio Lower Upper

91 100

92 57.3 41.4 76.8



#44

trans-1,3-Dichloropropene

Concen: 26.909 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027615.D

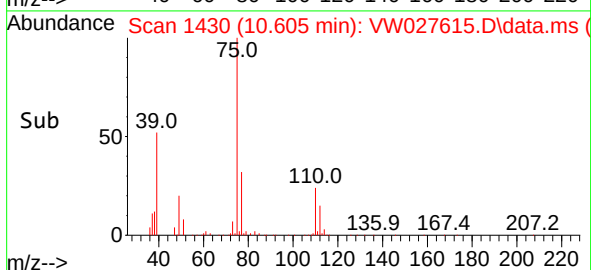
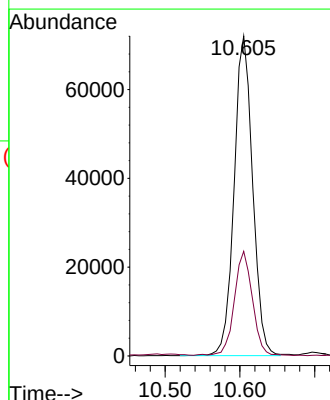
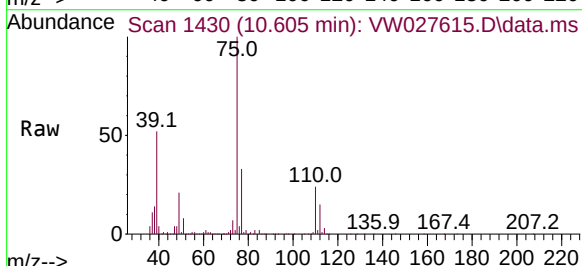
Acq: 14 Dec 2023 08:55

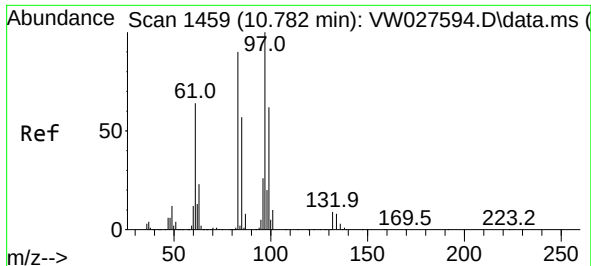
Tgt Ion: 75 Resp: 124038

Ion Ratio Lower Upper

75 100

77 32.7 23.7 44.1

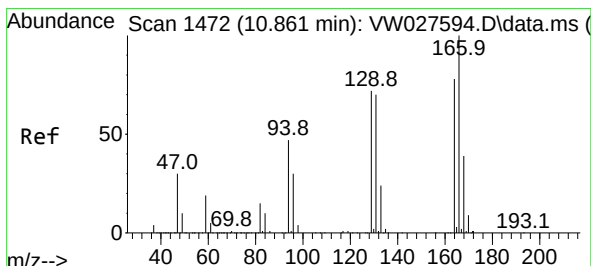
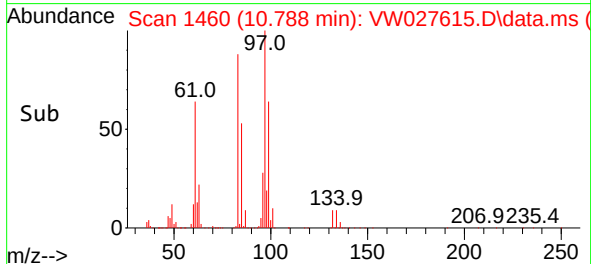
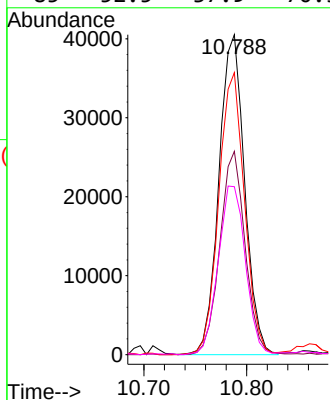
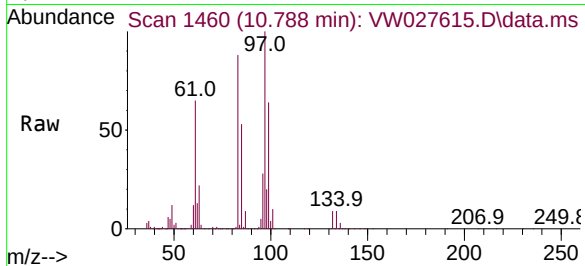




#45
1,1,2-Trichloroethane
Concen: 25.510 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

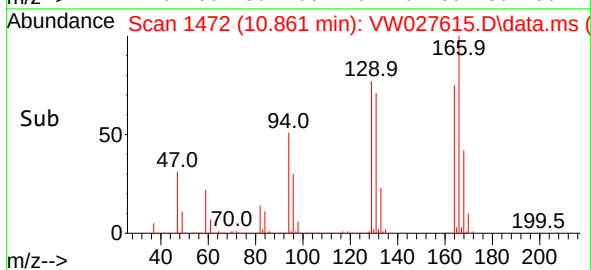
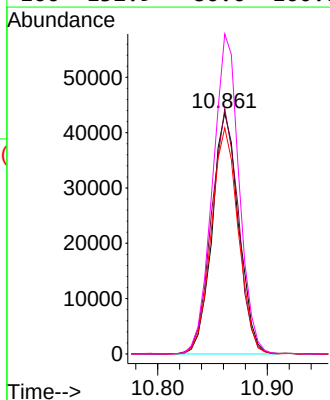
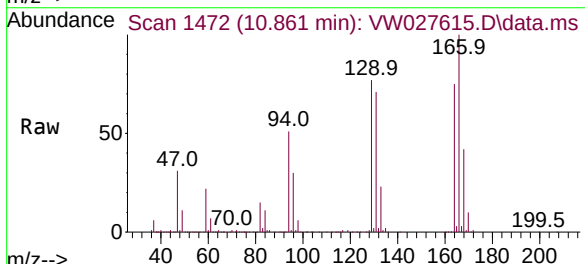
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

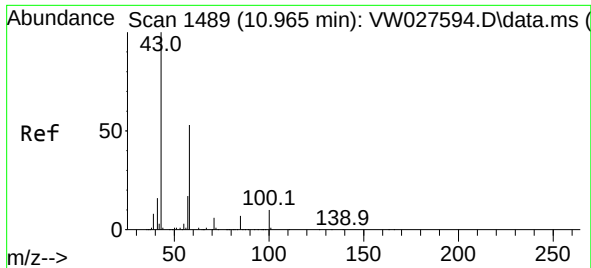
Tgt Ion: 97	Resp: 70321
Ion Ratio	Lower Upper
97 100	
99 63.6	42.8 79.4
83 88.2	59.9 111.3
85 52.5	37.9 70.5



#46
Tetrachloroethene
Concen: 25.080 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

Tgt	Ion:164	Resp:	73215
Ion	Ratio	Lower	Upper
164	100		
129	101.8	71.0	131.8
131	93.8	61.2	113.6
166	132.9	86.6	160.8

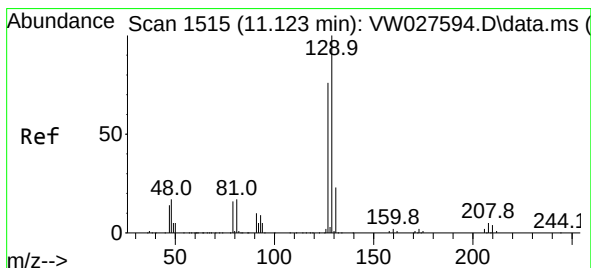
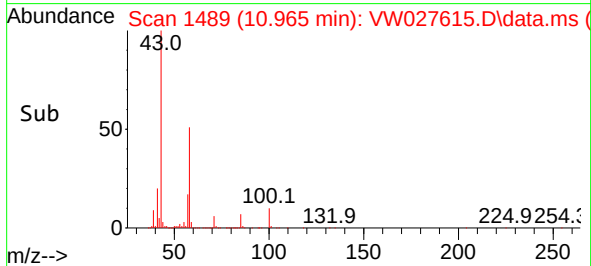
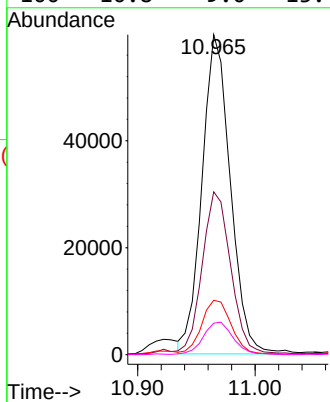
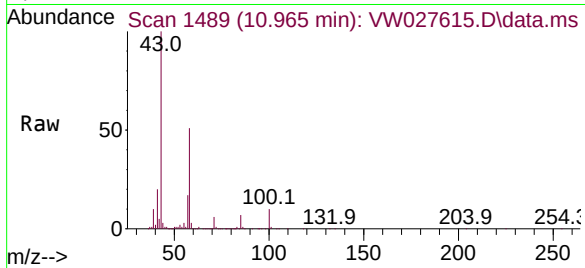




#48
2-Hexanone
Concen: 53.068 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

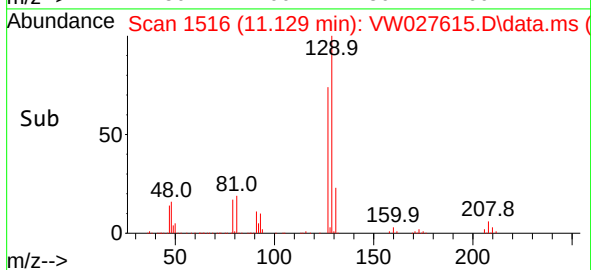
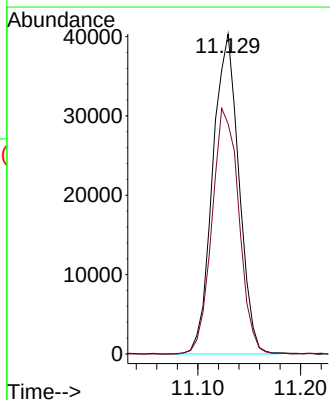
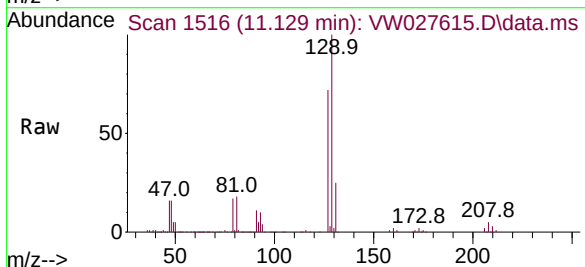
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

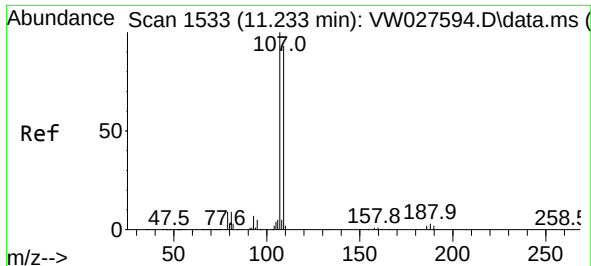
Tgt Ion:	43	Resp:	100067
Ion	Ratio	Lower	Upper
43	100		
58	51.3	40.8	61.2
57	18.1	14.8	22.2
100	10.8	9.0	13.4



#49
Dibromochloromethane
Concen: 26.182 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

Tgt Ion:	129	Resp:	71344
Ion	Ratio	Lower	Upper
129	100		
127	71.9	52.3	97.1

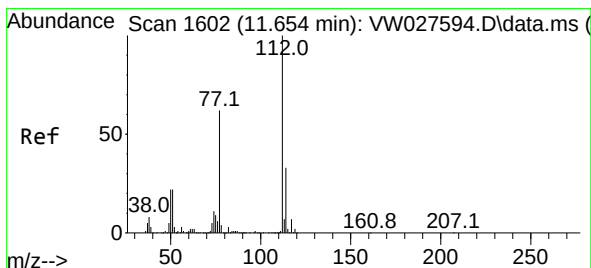
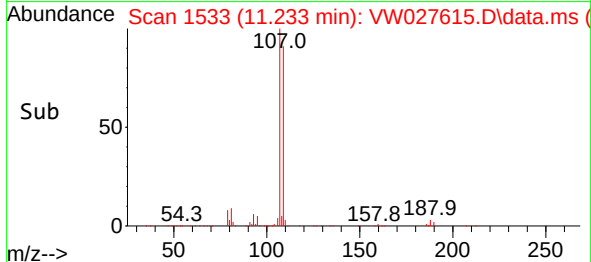
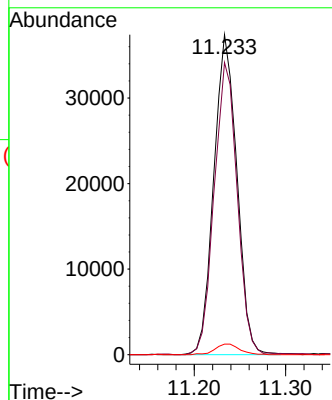
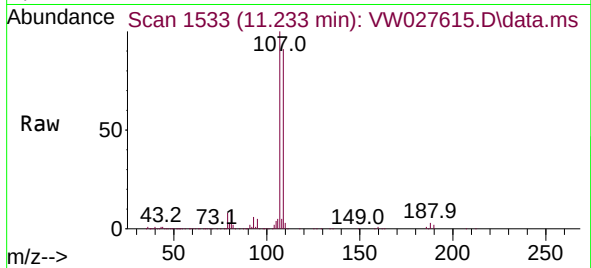




#50
1,2-Dibromoethane
Concen: 25.977 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

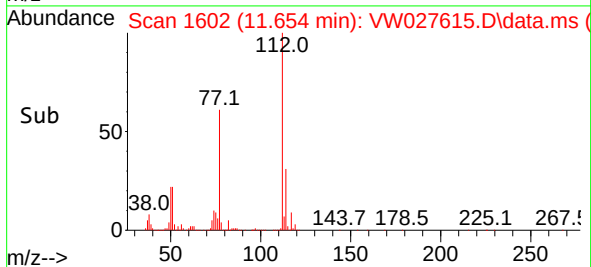
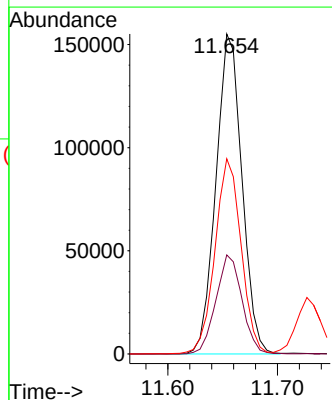
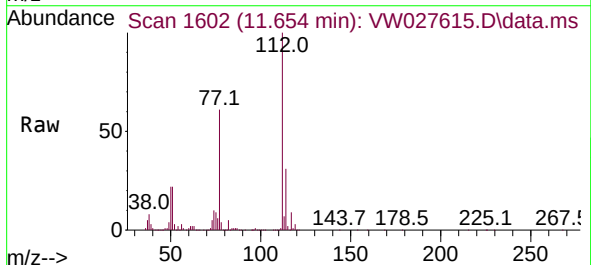
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

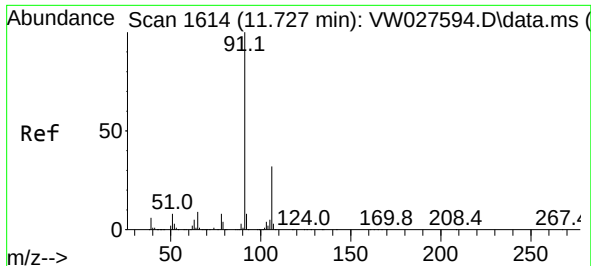
Tgt Ion:	107	Resp:	65516
Ion	Ratio	Lower	Upper
107	100		
109	91.3	64.8	120.3
188	3.3	2.7	4.1



#51
Chlorobenzene
Concen: 26.764 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

Tgt Ion:	112	Resp:	256030
Ion	Ratio	Lower	Upper
112	100		
114	30.9	21.5	39.9
77	61.0	50.6	76.0

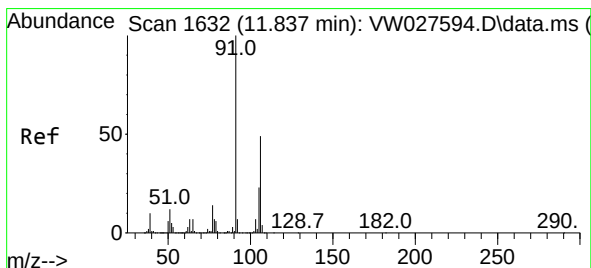
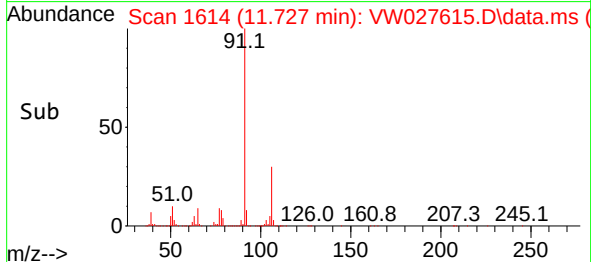
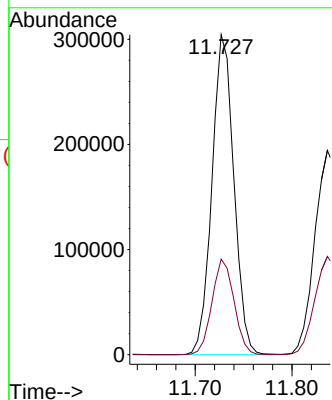
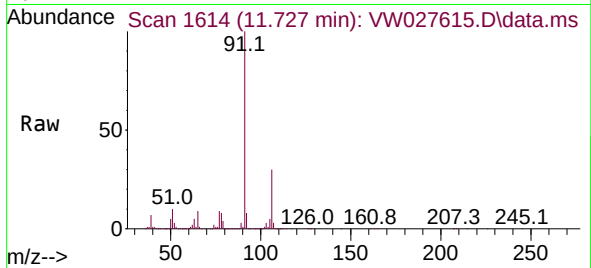




#52
Ethylbenzene
Concen: 26.593 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

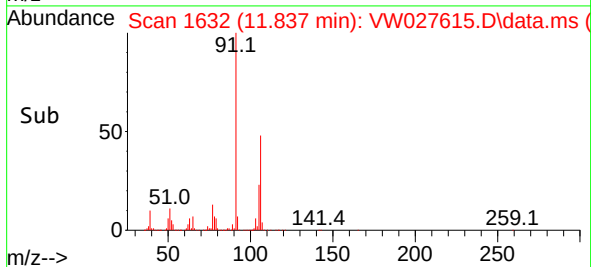
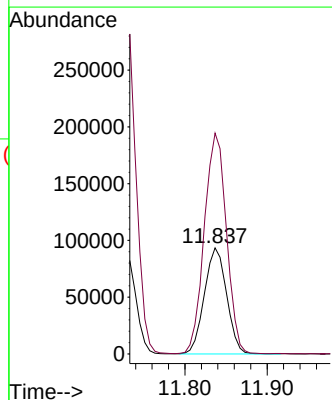
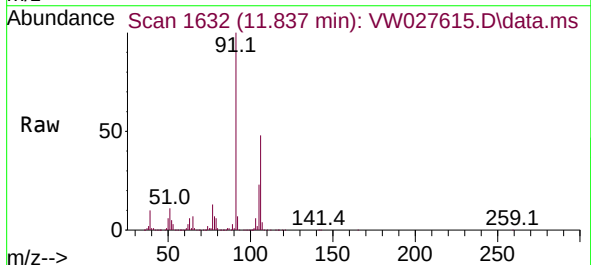
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

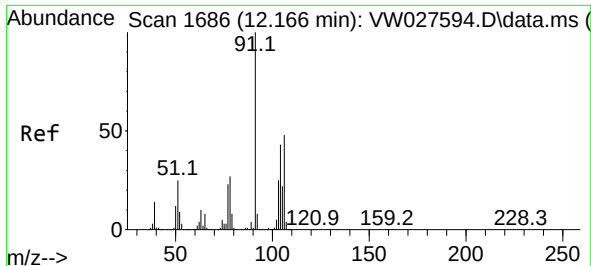
Tgt Ion: 91 Resp: 478992
Ion Ratio Lower Upper
91 100
106 29.8 19.5 36.1



#53
m,p-Xylene
Concen: 26.490 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

Tgt Ion:106 Resp: 175811
Ion Ratio Lower Upper
106 100
91 208.0 142.1 263.9

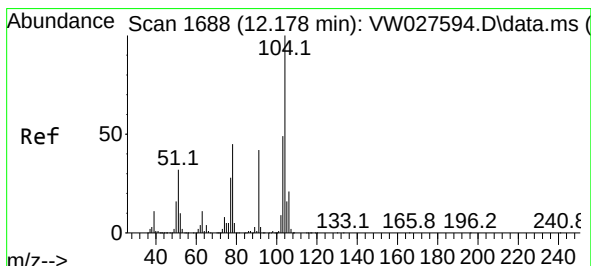
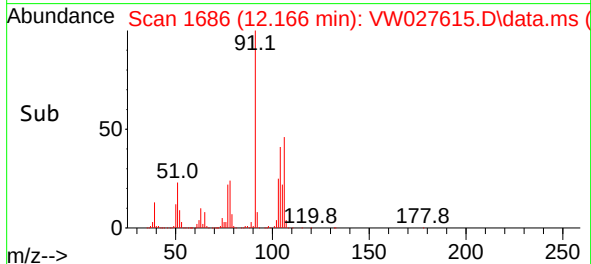
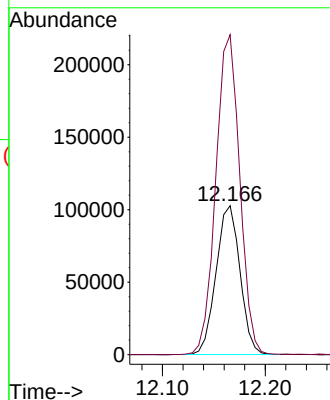
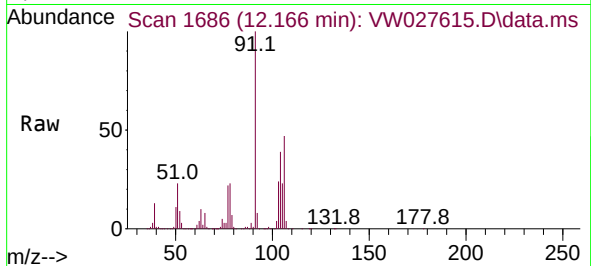




#54
o-Xylene
Concen: 27.532 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

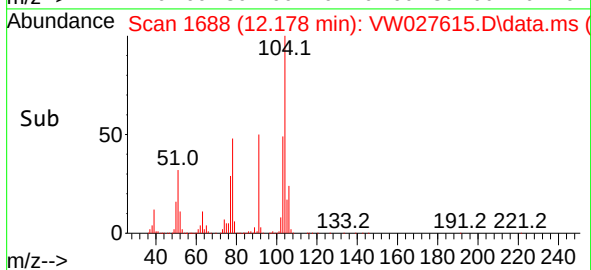
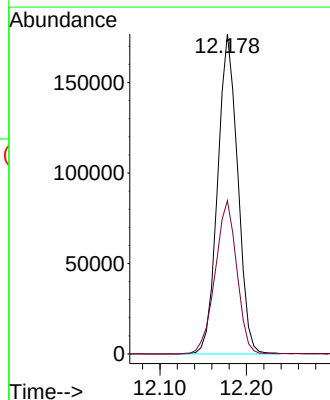
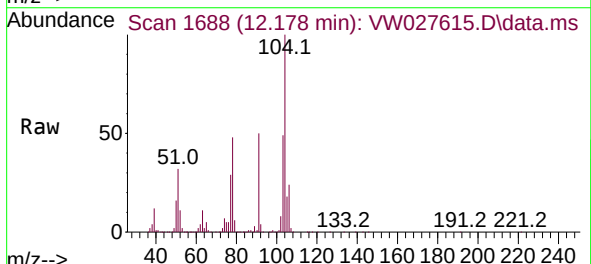
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

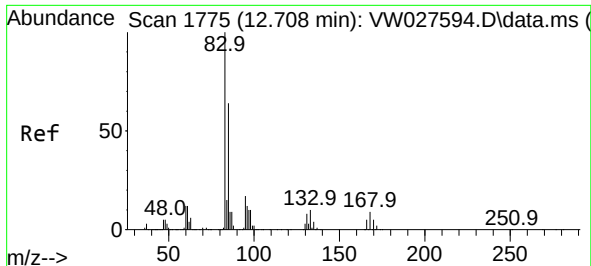
Tgt Ion:106 Resp: 166081
Ion Ratio Lower Upper
106 100
91 214.8 158.8 295.0



#55
Styrene
Concen: 27.587 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

Tgt Ion:104 Resp: 284032
Ion Ratio Lower Upper
104 100
78 47.9 33.9 62.9





#57

1,1,2,2-Tetrachloroethane

Concen: 24.374 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

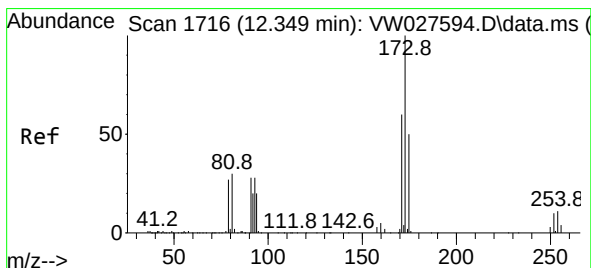
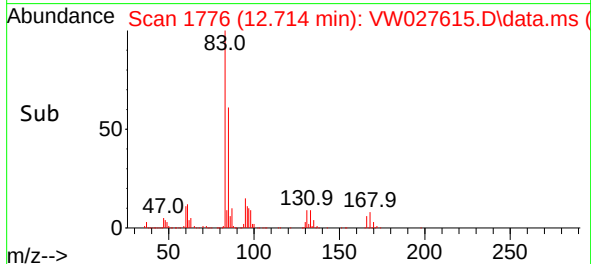
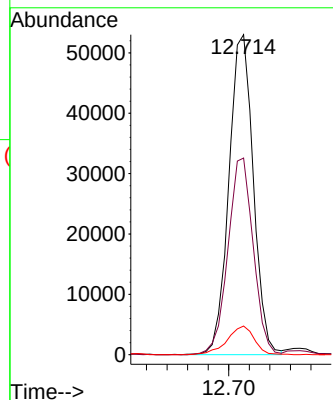
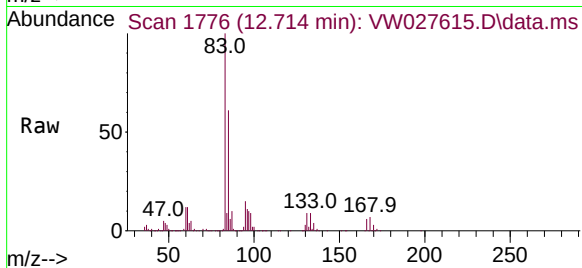
Tgt Ion: 83 Resp: 87472

Ion Ratio Lower Upper

83 100

85 61.5 41.9 77.7

131 9.0 7.0 10.6



#59

Bromoform

Concen: 24.396 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

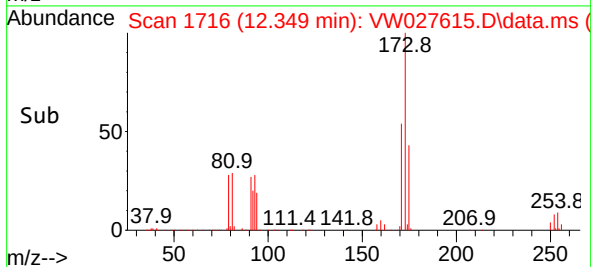
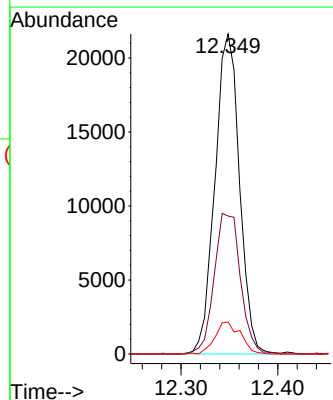
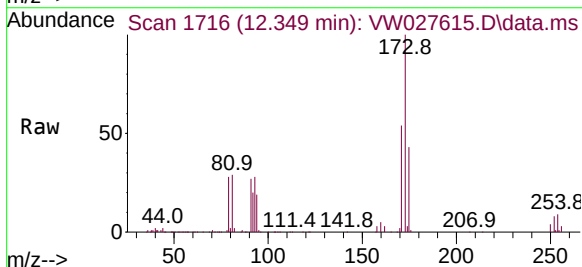
Tgt Ion: 173 Resp: 38071

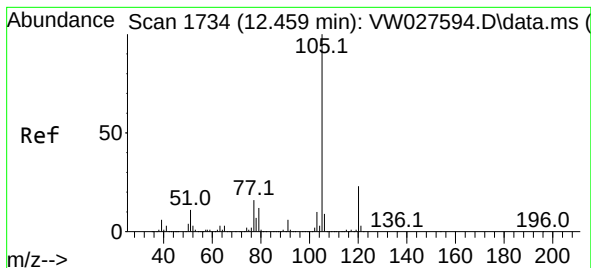
Ion Ratio Lower Upper

173 100

175 47.1 39.4 59.0

254 10.3 7.8 11.8





#60

Isopropylbenzene

Concen: 26.086 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

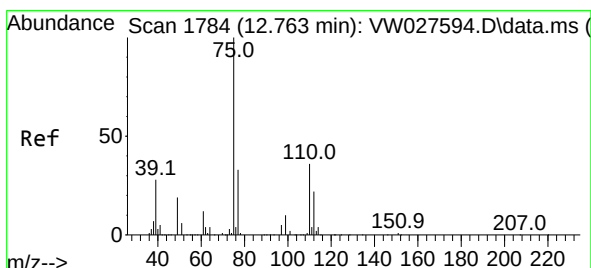
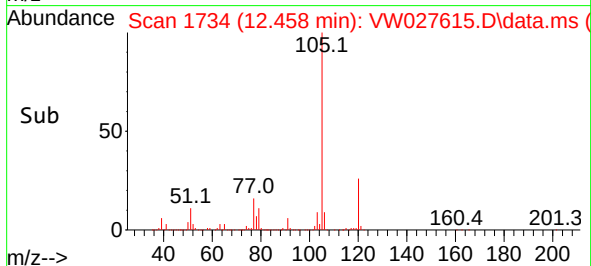
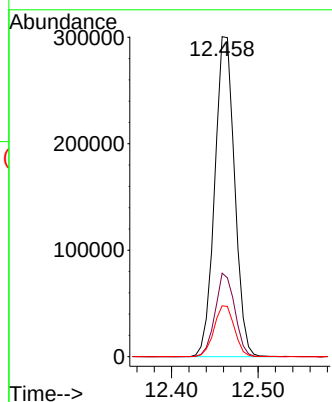
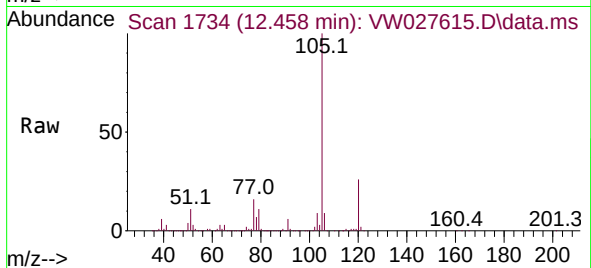
Tgt Ion:105 Resp: 479911

Ion Ratio Lower Upper

105 100

120 25.7 20.3 30.5

77 16.2 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 23.624 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

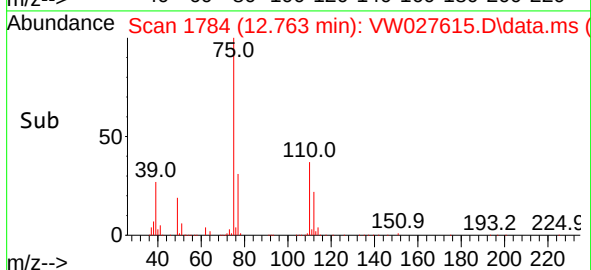
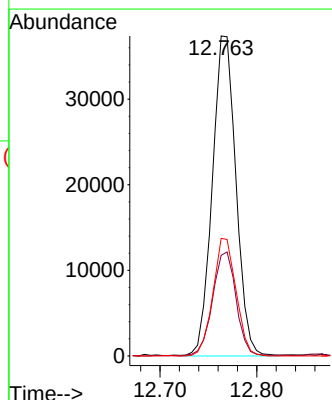
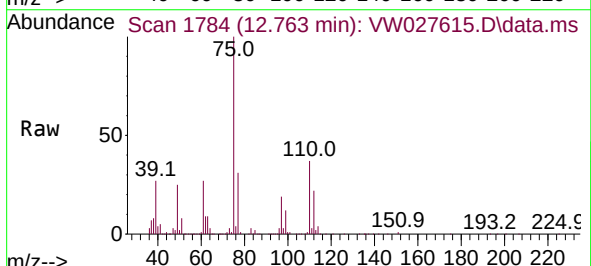
Tgt Ion: 75 Resp: 63490

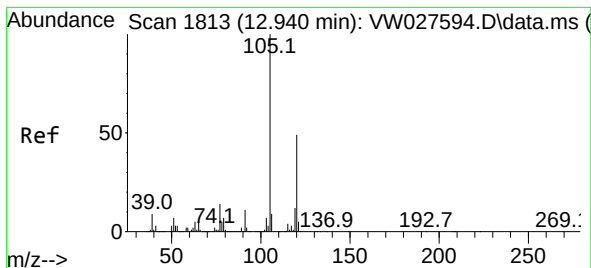
Ion Ratio Lower Upper

75 100

77 32.4 26.6 39.8

110 35.9 30.2 45.4





#62

1,3,5-Trimethylbenzene

Concen: 26.192 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

Instrument :

MSVOA_W

ClientSampleId :

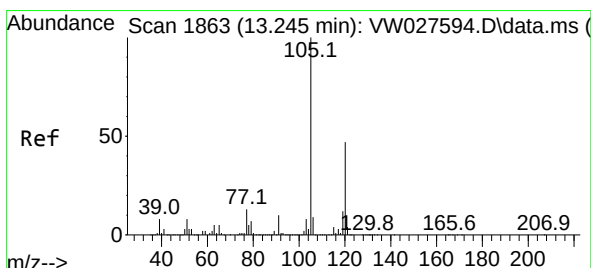
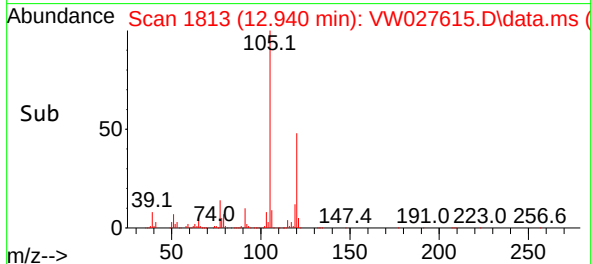
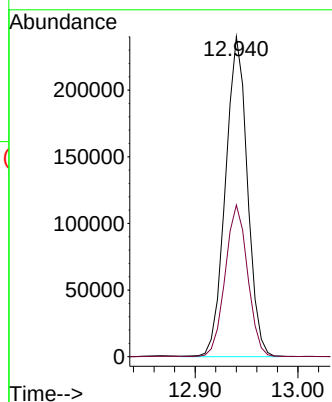
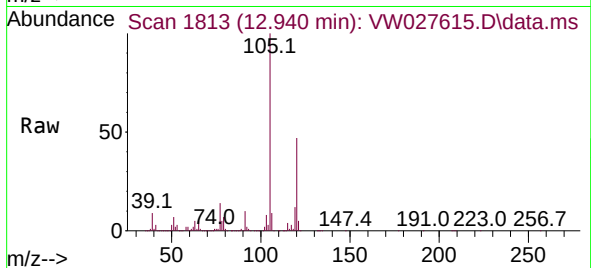
VSTD025563

Tgt Ion:105 Resp: 356387

Ion Ratio Lower Upper

105 100

120 48.5 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 26.275 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027615.D

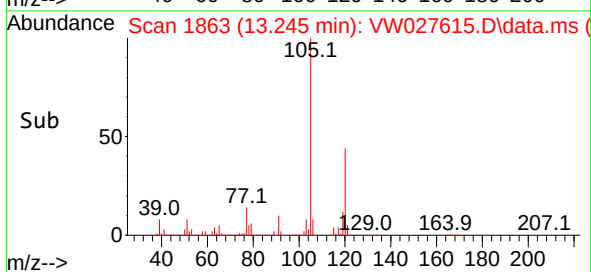
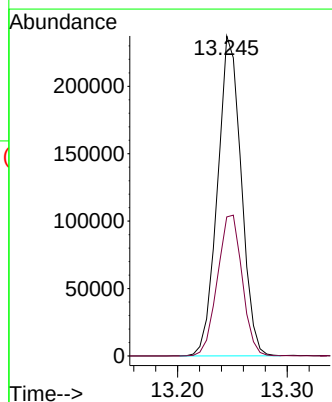
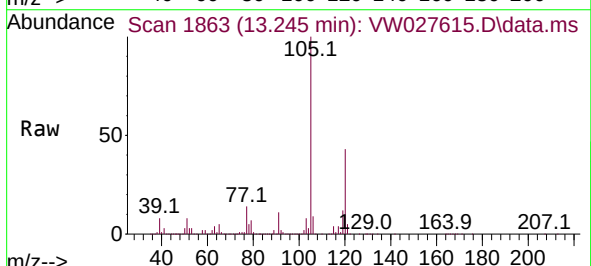
Acq: 14 Dec 2023 08:55

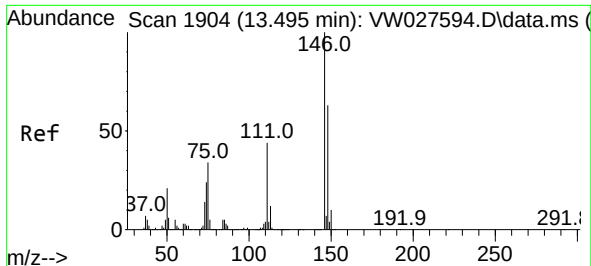
Tgt Ion:105 Resp: 356066

Ion Ratio Lower Upper

105 100

120 46.0 36.9 55.3

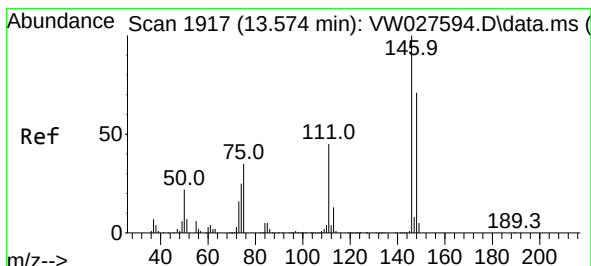
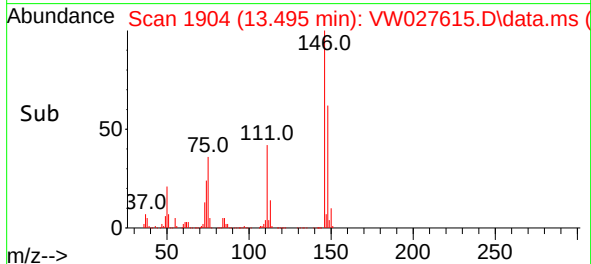
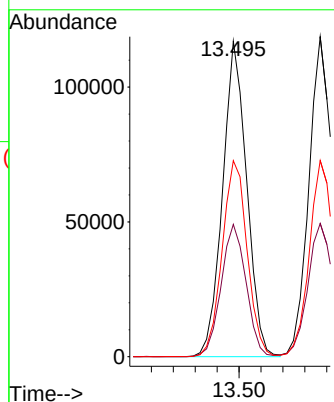
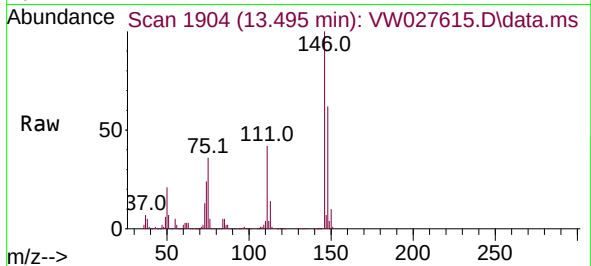




#64
1,3-Dichlorobenzene
Concen: 25.386 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

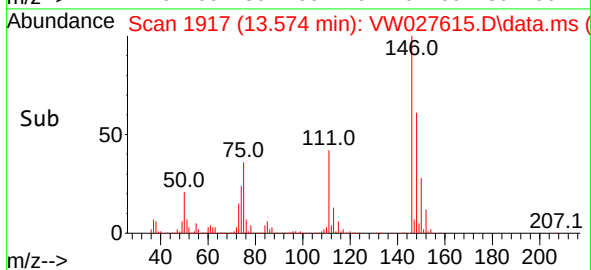
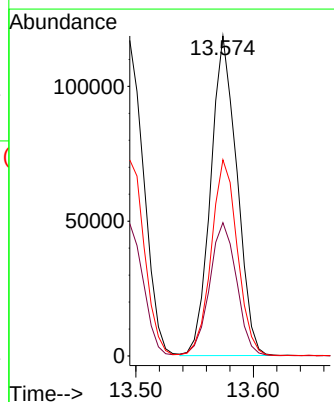
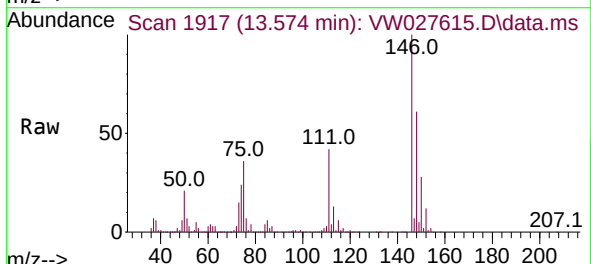
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

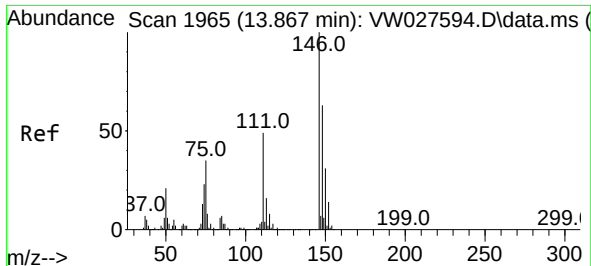
Tgt Ion:146 Resp: 178890
Ion Ratio Lower Upper
146 100
111 41.9 29.5 54.7
148 62.1 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 26.166 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

Tgt Ion:146 Resp: 183912
Ion Ratio Lower Upper
146 100
111 41.6 28.9 53.7
148 61.3 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 26.868 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

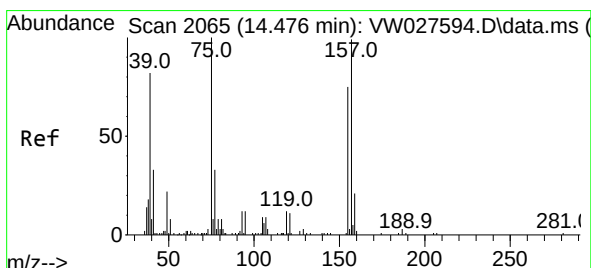
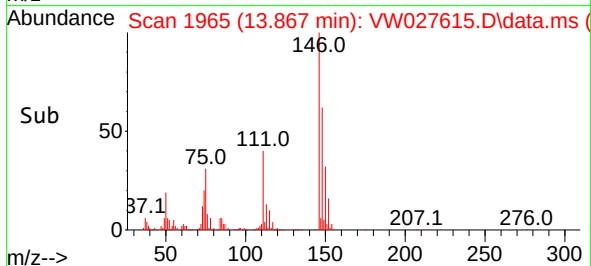
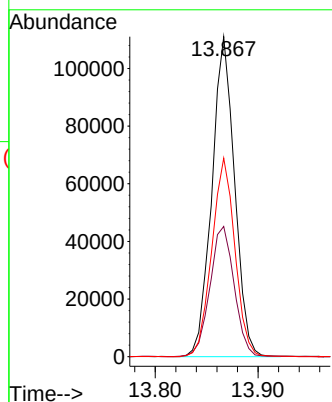
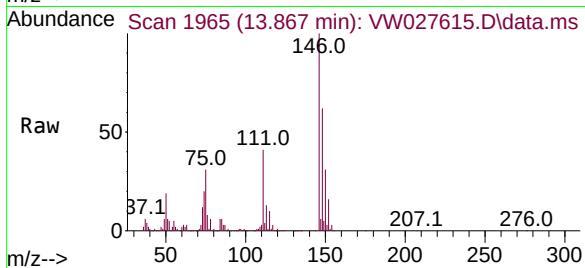
Tgt Ion:146 Resp: 170575

Ion Ratio Lower Upper

146 100

111 40.7 33.9 50.9

148 62.1 49.5 74.3



#68

1,2-Dibromo-3-chloropropane

Concen: 20.486 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

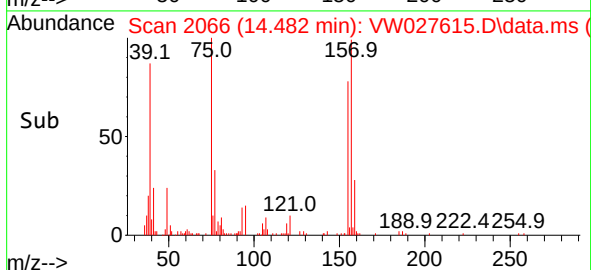
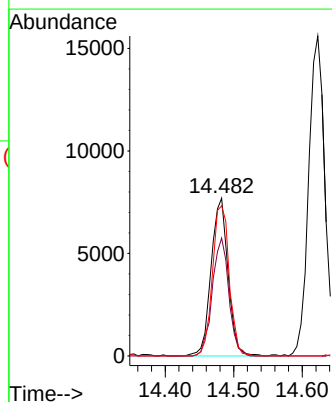
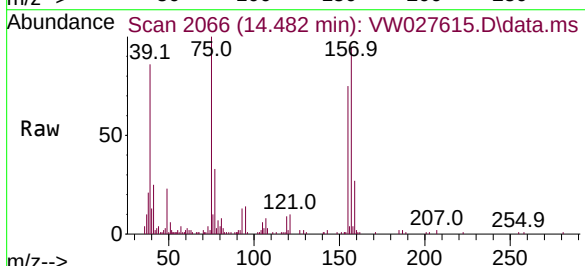
Tgt Ion: 75 Resp: 13243

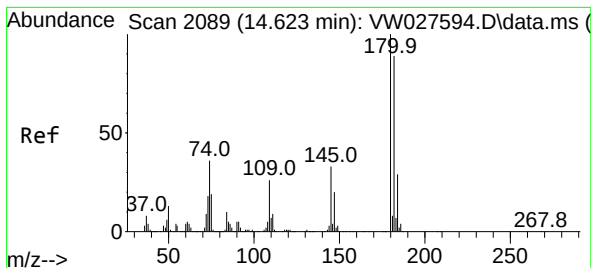
Ion Ratio Lower Upper

75 100

155 74.7 65.8 98.8

157 95.2 63.0 94.6#





#69

1,3,5-Trichlorobenzene

Concen: 25.305 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

Tgt Ion:180 Resp: 119908

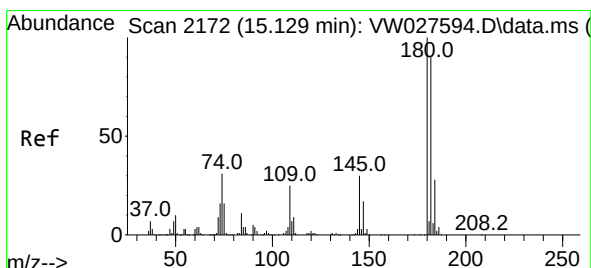
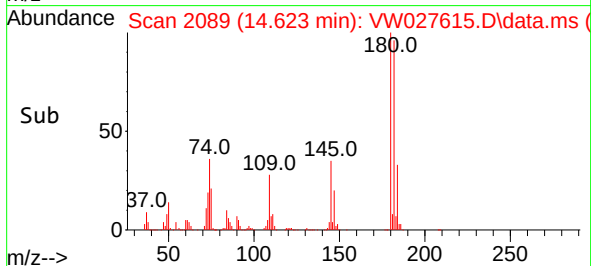
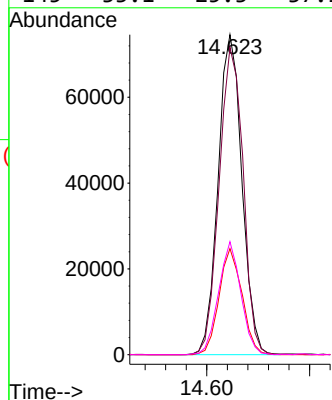
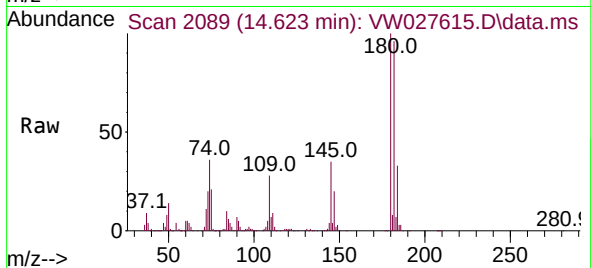
Ion Ratio Lower Upper

180 100

182 96.7 73.2 109.8

184 31.9 25.4 38.2

145 33.1 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 27.730 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027615.D

Acq: 14 Dec 2023 08:55

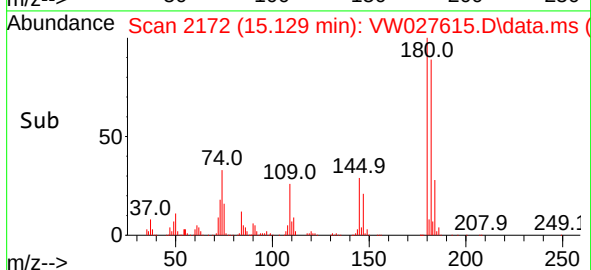
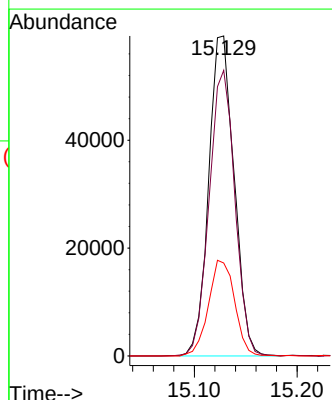
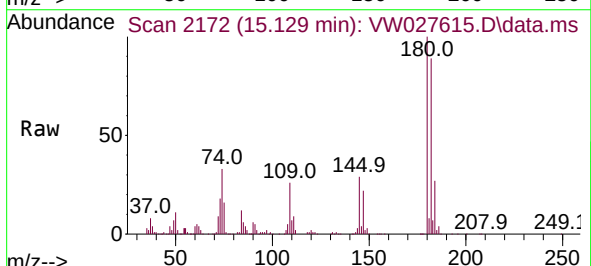
Tgt Ion:180 Resp: 102037

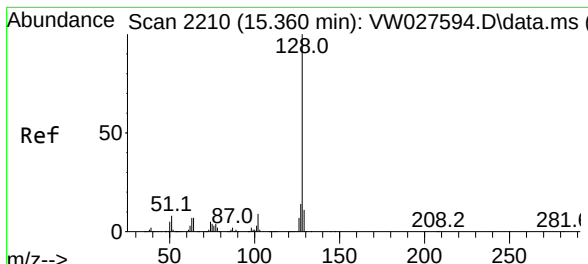
Ion Ratio Lower Upper

180 100

182 90.0 78.7 118.1

145 30.7 26.8 40.2

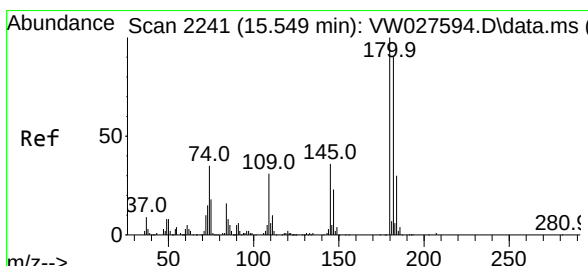
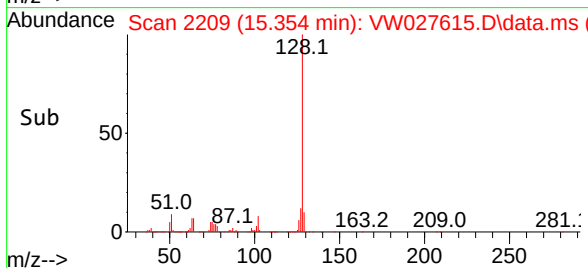
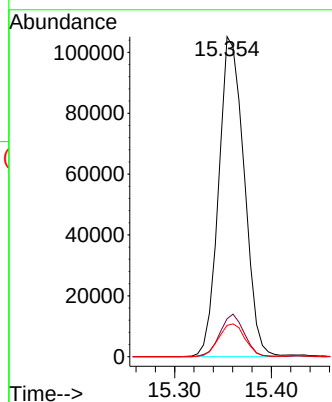
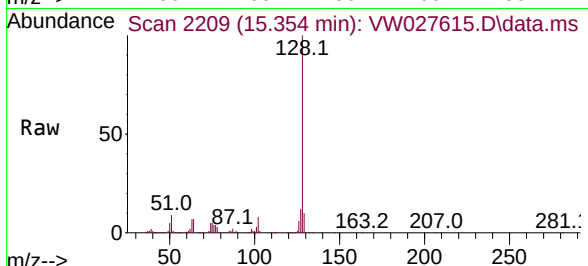




#71
Naphthalene
Concen: 24.790 ug/L
RT: 15.354 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

Tgt Ion:128 Resp: 191870
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 26.958 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027615.D
Acq: 14 Dec 2023 08:55

Tgt Ion:180 Resp: 84975
Ion Ratio Lower Upper
180 100
182 91.1 72.4 108.6
145 32.2 27.4 41.0

