

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111524\
 Data File : VW031036.D
 Acq On : 15 Nov 2024 19:46
 Operator : SY/MD
 Sample : P4872-07MSD
 Misc : 6.15g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E29X5MSD

Quant Time: Nov 16 00:41:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 16 00:35:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	597704	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	492256	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	212812	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	101786	10.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.520%
7) Chloroethane-d5	2.899	69	85705	11.399	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.600%
11) 1,1-Dichloroethene-d2	4.015	65	53532	13.234	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.920%
21) 2-Butanone-d5	7.075	46	69811	43.275	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.540%
24) Chloroform-d	7.648	84	287462	16.314	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.240%
26) 1,2-Dichloroethane-d4	8.301	65	144698	16.516	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	66.080%#
32) Benzene-d6	8.270	84	539710	17.648	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.600%
36) 1,2-Dichloropropane-d6	9.270	67	164662	18.265	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.040%
41) Toluene-d8	10.319	98	466300	16.999	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.000%
43) trans-1,3-Dichloroprop...	10.575	79	64346	17.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.440%
47) 2-Hexanone-d5	10.922	63	57735	49.415	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	140352	22.346	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	13.849	152	139089	17.943	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.760%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	68855	10.815	ug/L	99
3) Chloromethane	2.223	50	81949	9.552	ug/L	99
5) Vinyl chloride	2.375	62	99413	9.778	ug/L	99
6) Bromomethane	2.783	94	66899	10.021	ug/L	90
8) Chloroethane	2.936	64	61573	9.990	ug/L	97
9) Trichlorofluoromethane	3.265	101	103467	11.151	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	106993	12.526	ug/L #	80
12) 1,1-Dichloroethene	4.039	96	104090	13.473	ug/L	93
13) Acetone	4.112	43	75070	38.101	ug/L	94
14) Carbon disulfide	4.387	76	296582	11.678	ug/L	99
15) Methyl Acetate	4.667	43	42533	14.717	ug/L	100
16) Methylene chloride	4.917	84	115815	13.706	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	113134	13.348	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	181840	15.896	ug/L	98
19) 1,1-Dichloroethane	6.216	63	210728	13.324	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	126816	14.104	ug/L	97
22) 2-Butanone	7.167	43	77313	35.039	ug/L	97
23) Bromochloromethane	7.514	128	59476	15.105	ug/L	91
25) Chloroform	7.673	83	220293	13.238	ug/L	95

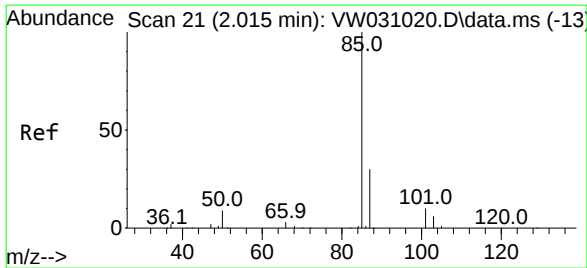
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 Quant Title : SFAM01.0
 QLast Update : Sat Nov 16 00:35:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	136403	13.161	ug/L #	95
29) Cyclohexane	7.953	56	155799	13.207	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	172301	13.626	ug/L	97
31) Carbon tetrachloride	8.069	117	153071	13.472	ug/L	100
33) Benzene	8.319	78	465351	14.667	ug/L	100
34) Trichloroethene	9.087	95	114975	13.141	ug/L	92
35) Methylcyclohexane	9.331	83	182507	13.161	ug/L	97
37) 1,2-Dichloropropane	9.368	63	120264	15.167	ug/L	98
38) Bromodichloromethane	9.642	83	149146	14.323	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	176283	14.861	ug/L	94
40) 4-Methyl-2-pentanone	10.203	43	125874	34.711	ug/L	96
42) Toluene	10.386	91	470111	13.992	ug/L	92
44) trans-1,3-Dichloropropene	10.605	75	147047	14.922	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	92959	16.332	ug/L	98
46) Tetrachloroethene	10.861	164	84141	12.580	ug/L	92
48) 2-Hexanone	10.965	43	105358	38.188	ug/L	94
49) Dibromochloromethane	11.123	129	95778	15.434	ug/L	96
50) 1,2-Dibromoethane	11.233	107	87011	16.577	ug/L	100
51) Chlorobenzene	11.654	112	284210	13.217	ug/L	96
52) Ethylbenzene	11.727	91	453195	11.938	ug/L	99
53) m,p-Xylene	11.837	106	172869	12.107	ug/L	99
54) o-Xylene	12.160	106	172046	13.095	ug/L	99
55) Styrene	12.178	104	303390	13.516	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	104442	16.815	ug/L	97
59) Bromoform	12.349	173	53373	17.564	ug/L	98
60) Isopropylbenzene	12.459	105	405593	12.494	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	72932	18.279	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	303615	11.879	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	299290	12.024	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	176105	12.355	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	189771	12.968	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	179447	14.126	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	15108	17.886	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.623	180	98450	10.408	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	82919	11.040	ug/L	97
71) Naphthalene	15.360	128	200334	16.454	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	82805	12.793	ug/L	98

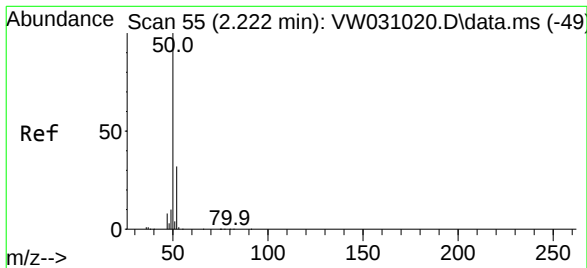
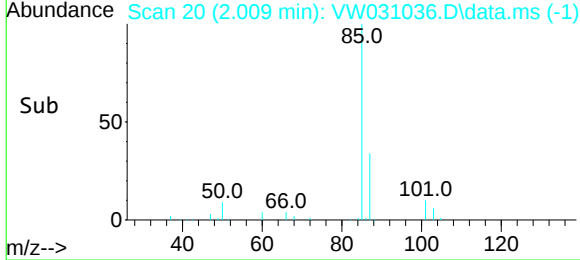
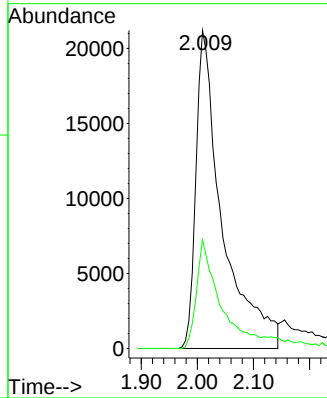
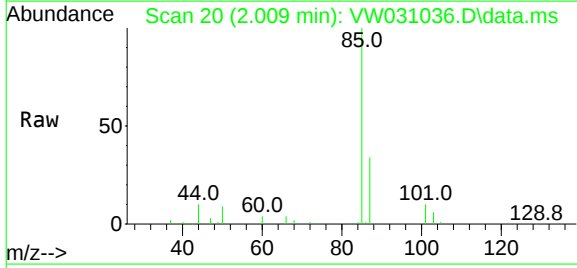
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#2
Dichlorodifluoromethane
Concen: 10.815 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

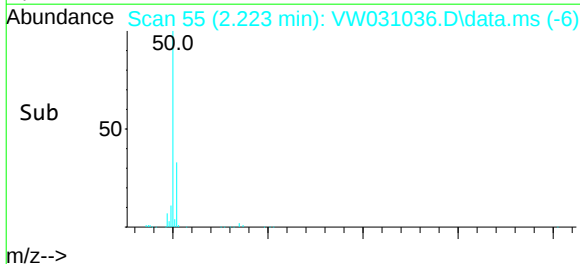
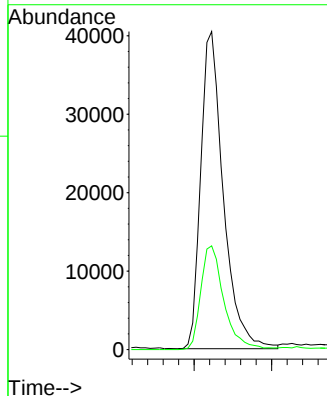
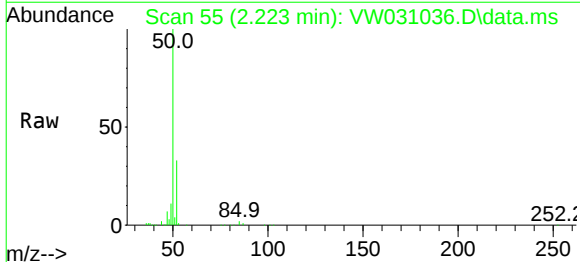
Instrument :
MSVOA_W
ClientSampleId :
E29X5MSD

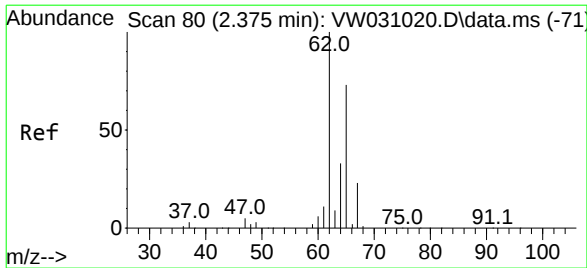
Tgt Ion: 85 Resp: 68855
Ion Ratio Lower Upper
85 100
87 30.6 24.2 36.4



#3
Chloromethane
Concen: 9.552 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion: 50 Resp: 81949
Ion Ratio Lower Upper
50 100
52 32.6 22.5 41.9

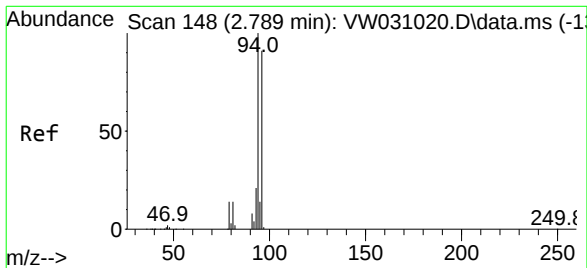
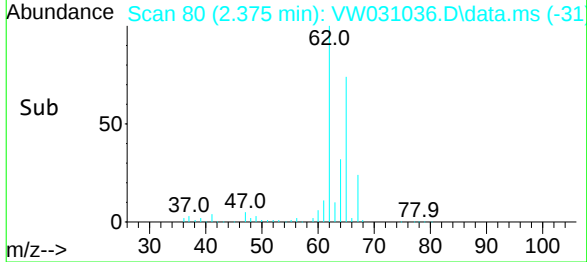
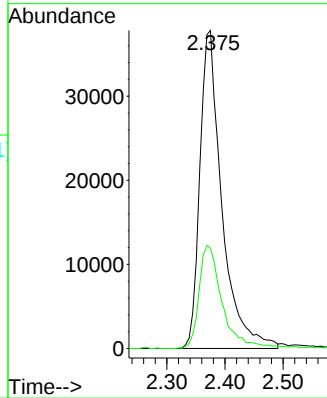
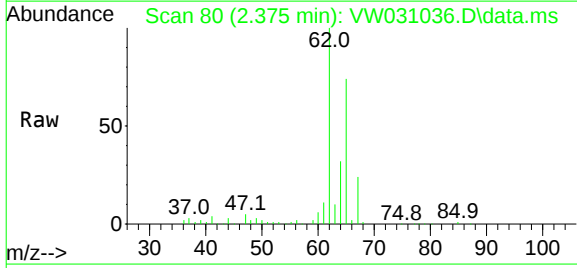




#5
 Vinyl chloride
 Concen: 9.778 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW031036.D
 Acq: 15 Nov 2024 19:46

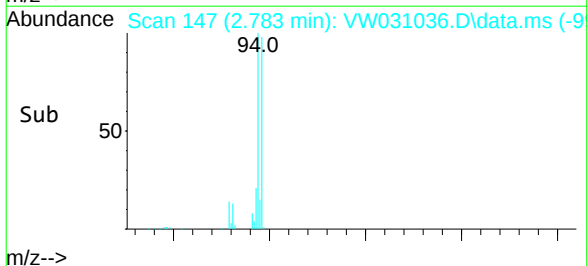
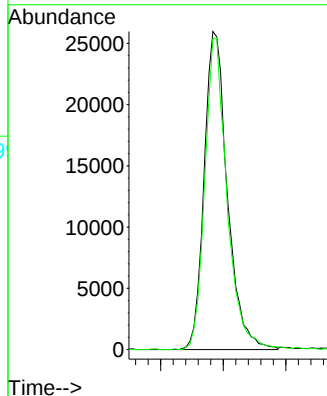
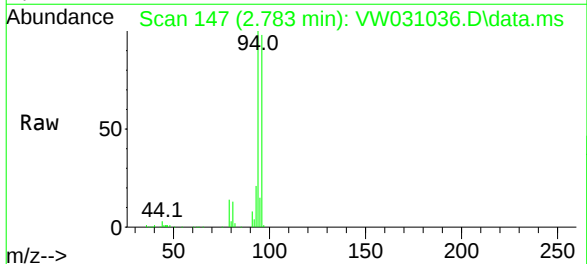
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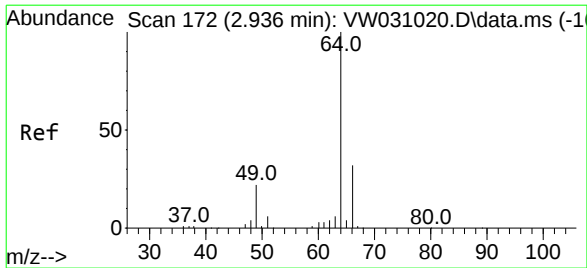
Tgt Ion: 62 Resp: 99413
 Ion Ratio Lower Upper
 62 100
 64 31.6 21.7 40.3



#6
 Bromomethane
 Concen: 10.021 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW031036.D
 Acq: 15 Nov 2024 19:46

Tgt Ion: 94 Resp: 66899
 Ion Ratio Lower Upper
 94 100
 96 97.7 61.6 114.4

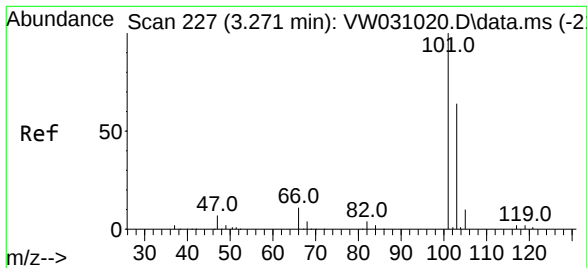
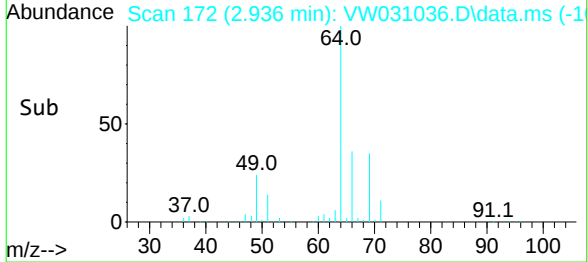
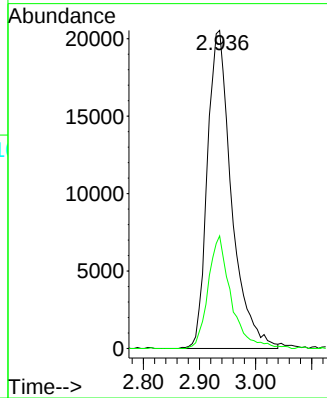
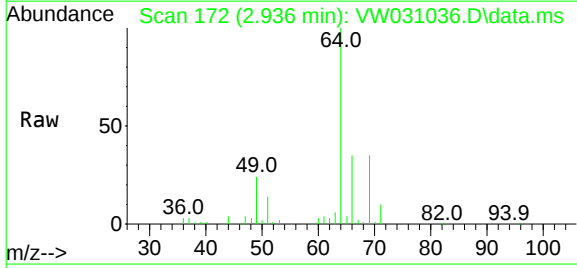




#8
Chloroethane
Concen: 9.990 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

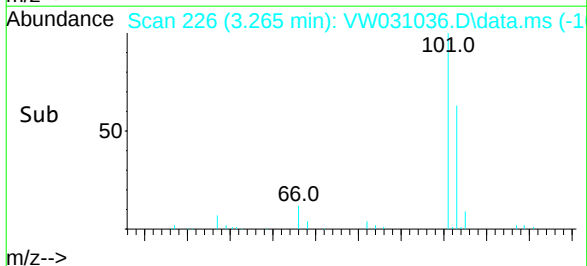
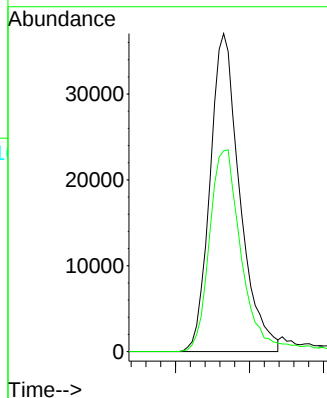
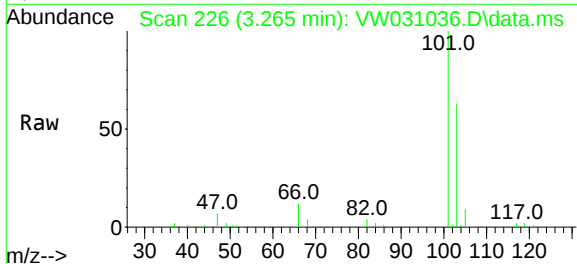
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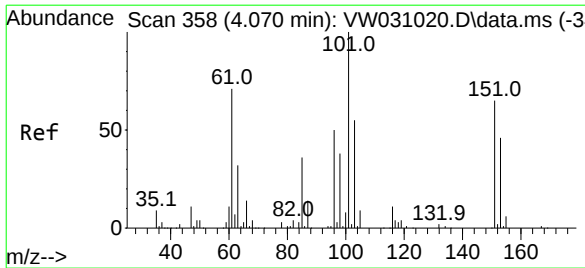
Tgt Ion: 64 Resp: 61573
Ion Ratio Lower Upper
64 100
66 35.4 23.5 43.7



#9
Trichlorofluoromethane
Concen: 11.151 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion: 101 Resp: 103467
Ion Ratio Lower Upper
101 100
103 67.6 51.8 77.6

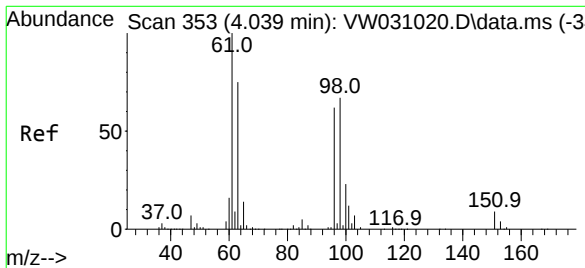
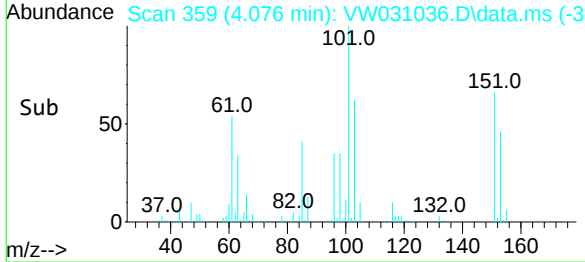
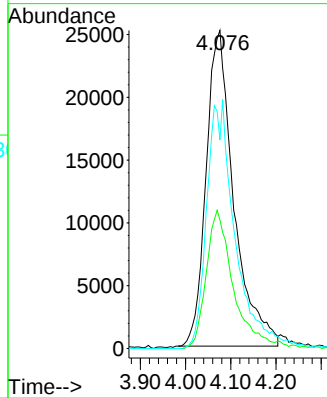
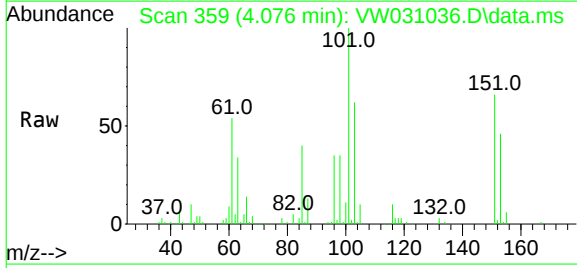




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 12.526 ug/L
RT: 4.076 min Scan# 35
Delta R.T. 0.006 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

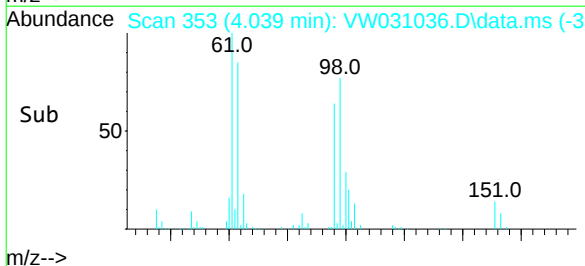
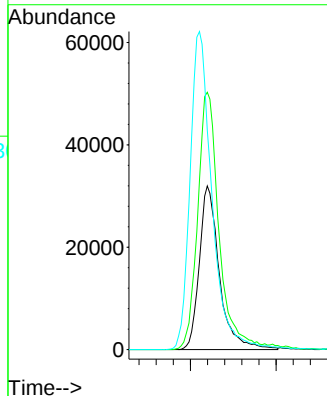
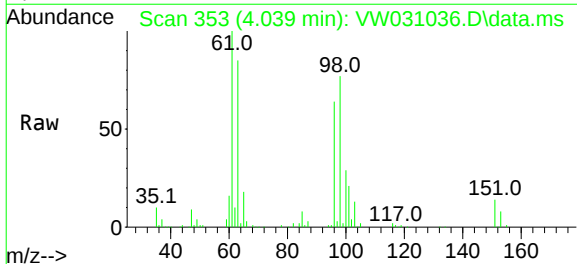
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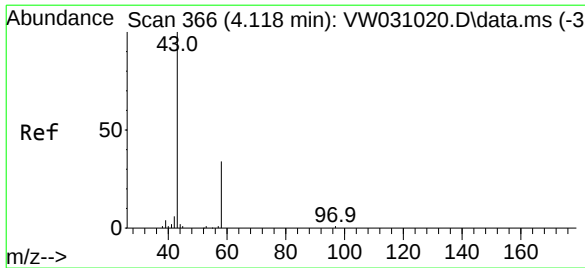
Tgt Ion: 101 Resp: 106993
Ion Ratio Lower Upper
101 100
85 42.3 32.9 49.3
151 38.7 51.0 76.6#



#12
1,1-Dichloroethene
Concen: 13.473 ug/L
RT: 4.039 min Scan# 353
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion: 96 Resp: 104090
Ion Ratio Lower Upper
96 100
61 157.3 118.9 220.7
63 134.1 97.8 181.6





#13

Acetone

Concen: 38.101 ug/L

RT: 4.112 min Scan# 366

Delta R.T. -0.006 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

ClientSampleId :

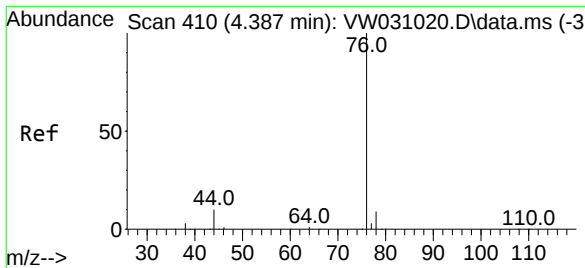
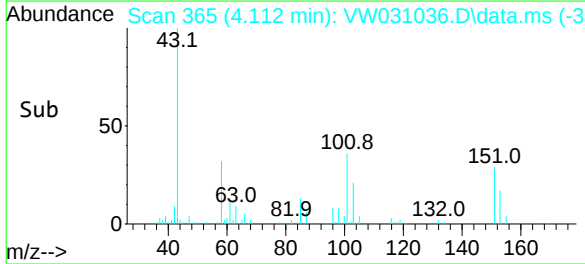
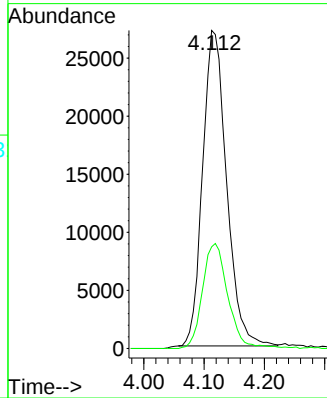
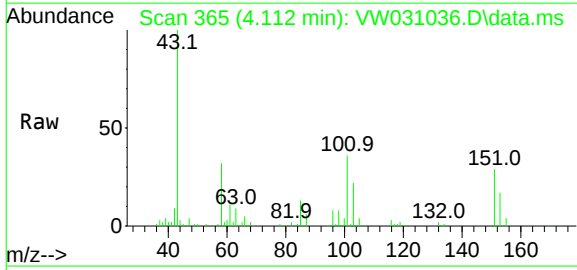
E29X5MSD

Tgt Ion: 43 Resp: 75070

Ion Ratio Lower Upper

43 100

58 34.5 0.0 62.6



#14

Carbon disulfide

Concen: 11.678 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW031036.D

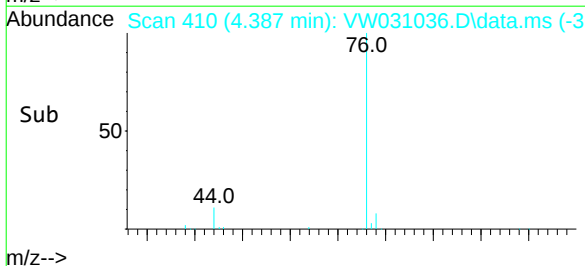
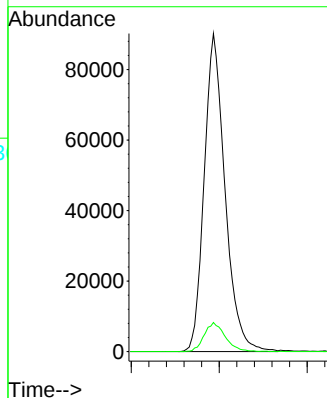
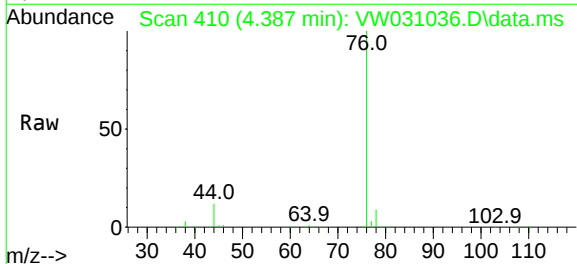
Acq: 15 Nov 2024 19:46

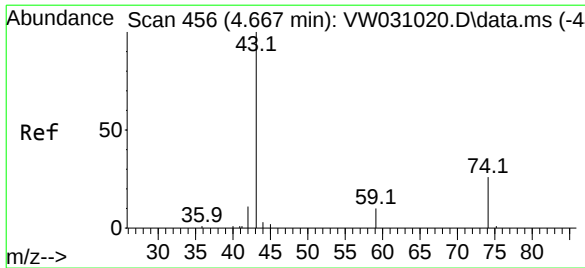
Tgt Ion: 76 Resp: 296582

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7





#15

Methyl Acetate

Concen: 14.717 ug/L

RT: 4.667 min Scan# 456

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

ClientSampleId :

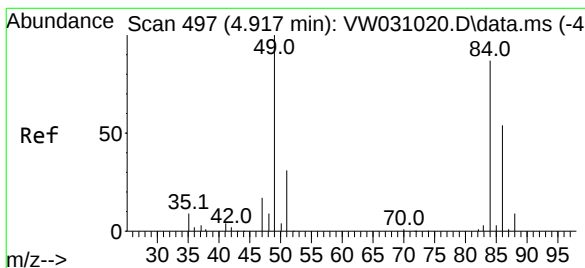
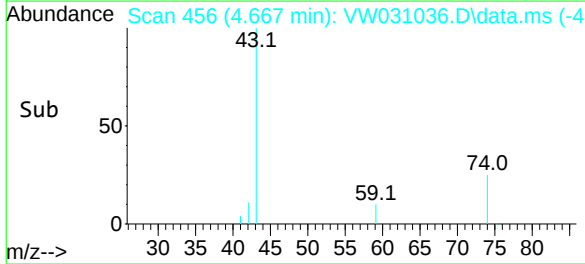
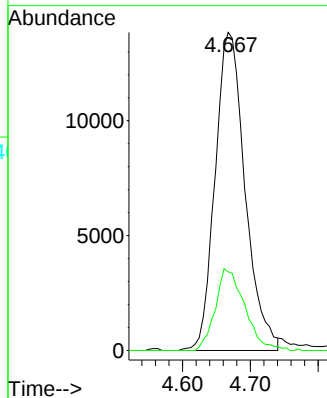
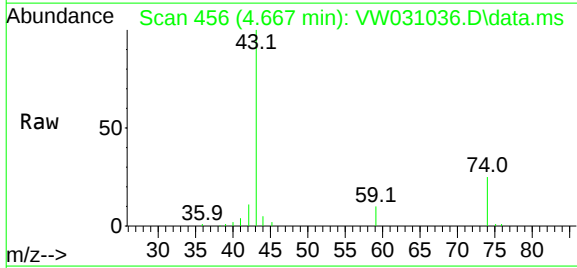
E29X5MSD

Tgt Ion: 43 Resp: 42533

Ion Ratio Lower Upper

43 100

74 25.3 20.2 30.2



#16

Methylene chloride

Concen: 13.706 ug/L

RT: 4.917 min Scan# 497

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

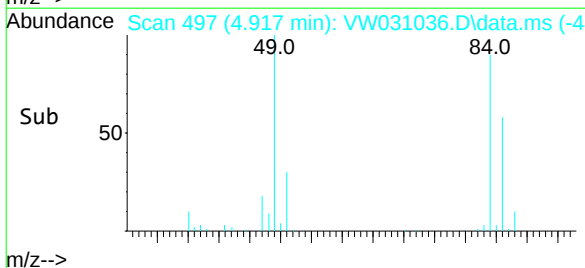
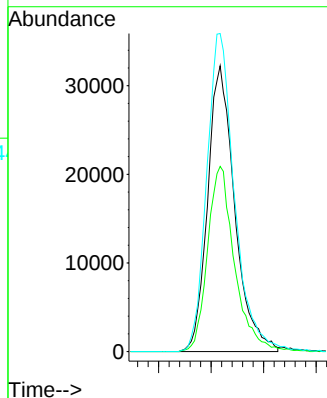
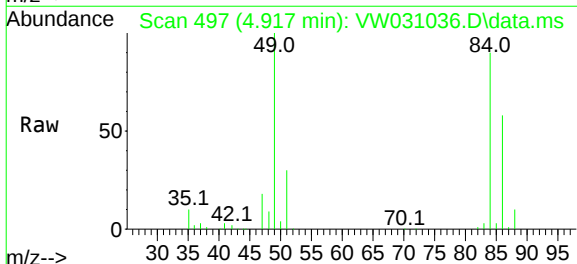
Tgt Ion: 84 Resp: 115815

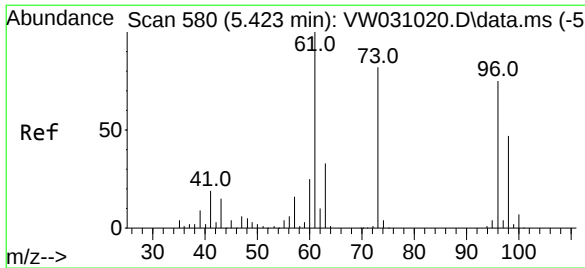
Ion Ratio Lower Upper

84 100

86 64.8 41.8 77.6

49 111.3 82.8 153.8

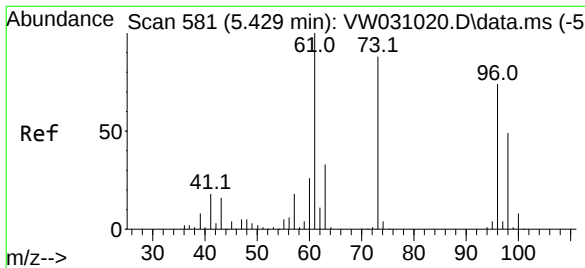
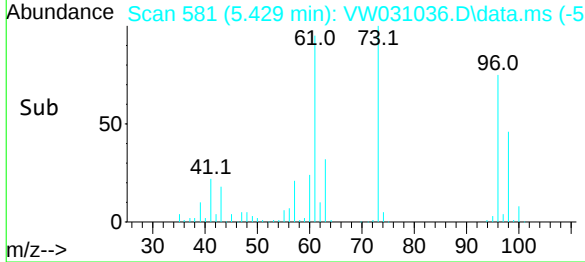
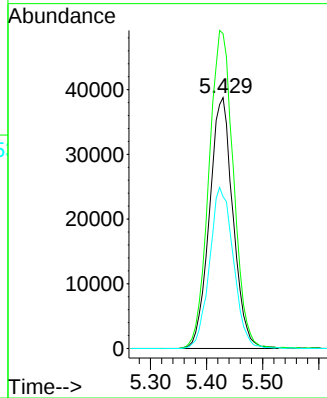
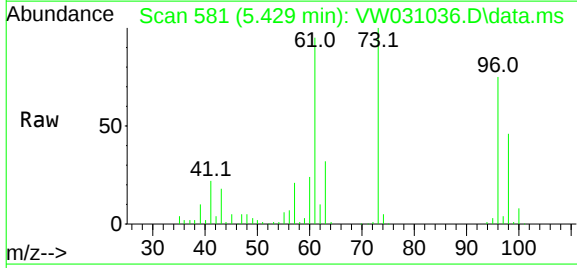




#17
trans-1,2-Dichloroethene
Concen: 13.348 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

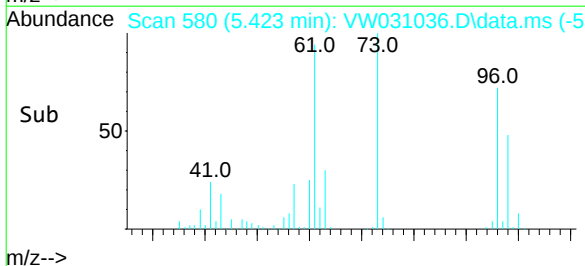
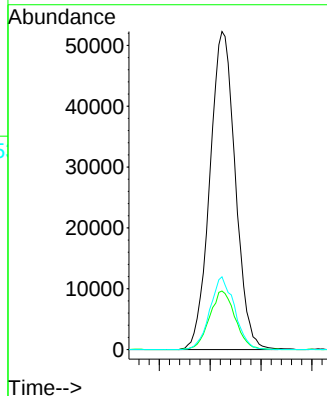
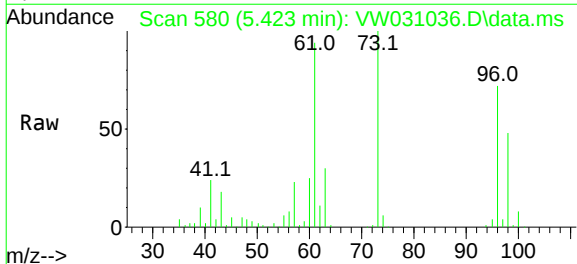
Instrument :
MSVOA_W
ClientSampleId :
E29X5MSD

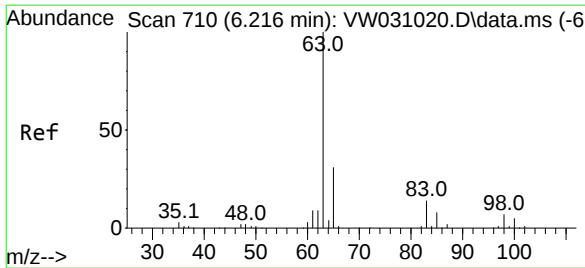
Tgt Ion: 96 Resp: 113134
Ion Ratio Lower Upper
96 100
61 125.6 95.2 176.8
98 60.6 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 15.896 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion: 73 Resp: 181840
Ion Ratio Lower Upper
73 100
43 18.5 16.2 24.2
57 22.1 17.3 25.9





#19

1,1-Dichloroethane

Concen: 13.324 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

ClientSampleId :

E29X5MSD

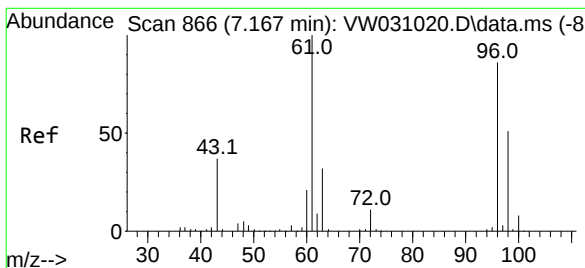
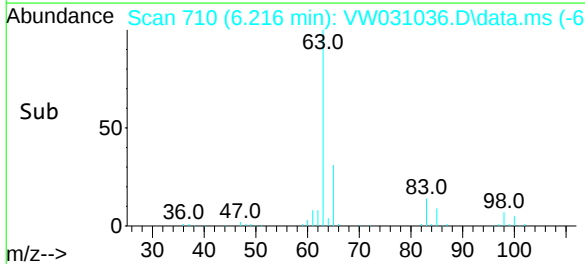
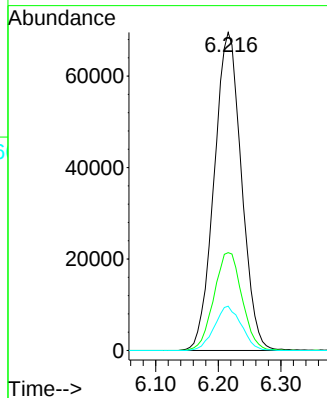
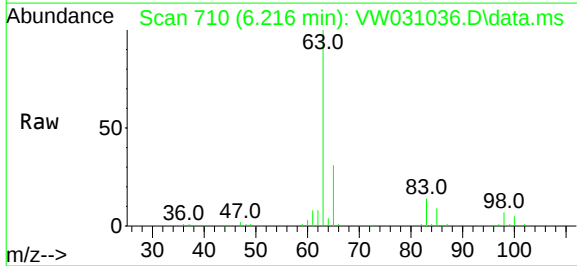
Tgt Ion: 63 Resp: 210728

Ion Ratio Lower Upper

63 100

65 30.8 23.0 42.8

83 13.9 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 14.104 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

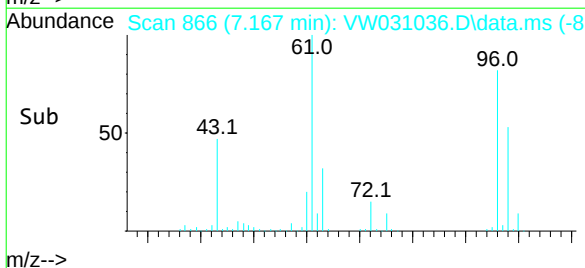
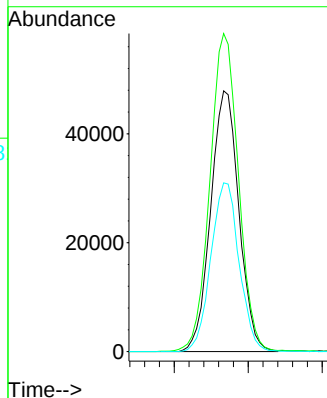
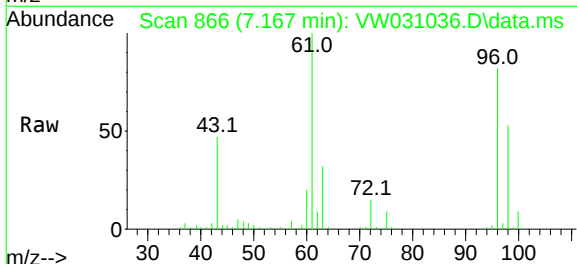
Tgt Ion: 96 Resp: 126816

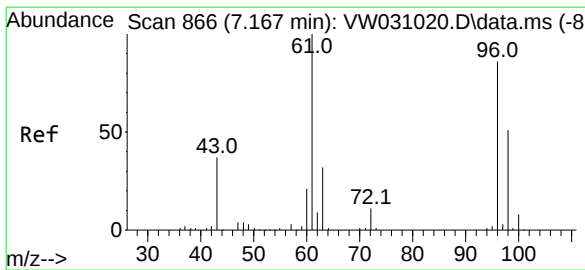
Ion Ratio Lower Upper

96 100

61 122.0 89.2 165.8

98 64.7 45.1 83.9





#22

2-Butanone

Concen: 35.039 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

ClientSampleId :

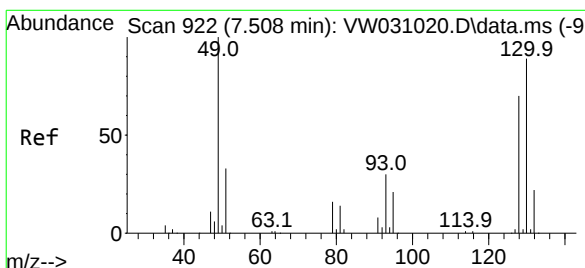
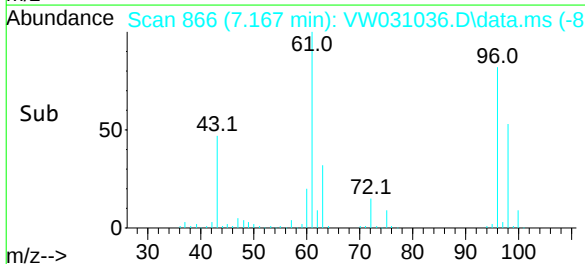
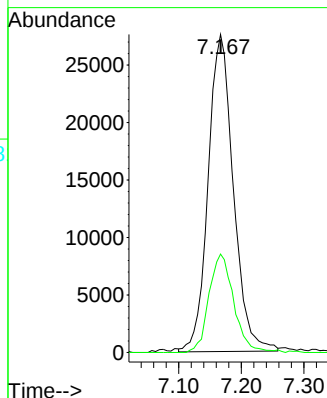
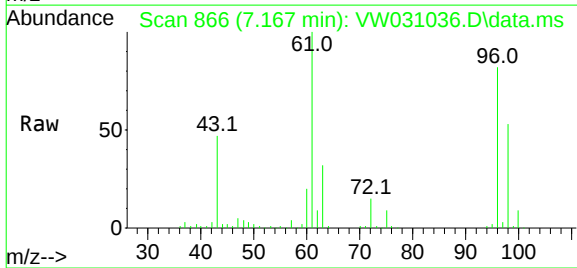
E29X5MSD

Tgt Ion: 43 Resp: 77313

Ion Ratio Lower Upper

43 100

72 30.4 14.5 43.6



#23

Bromochloromethane

Concen: 15.105 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.006 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Tgt Ion: 128 Resp: 59476

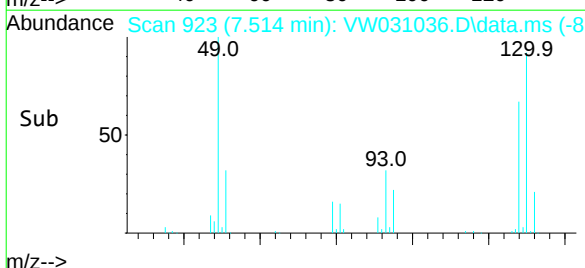
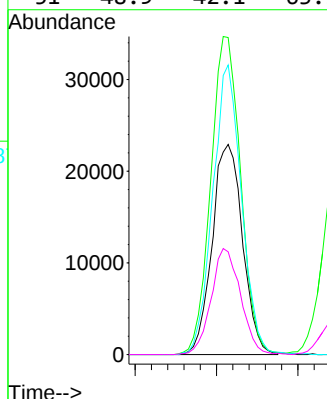
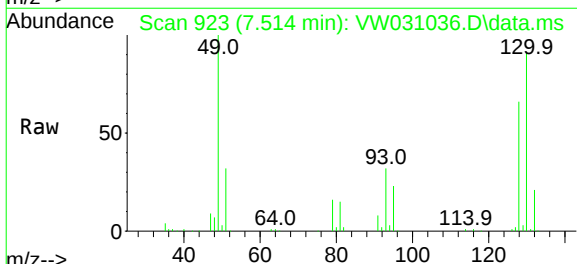
Ion Ratio Lower Upper

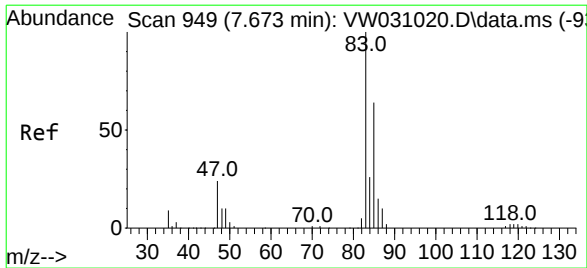
128 100

49 150.9 112.4 208.8

130 137.8 86.2 160.0

51 48.9 42.1 63.1





#25

Chloroform

Concen: 13.238 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

ClientSampleId :

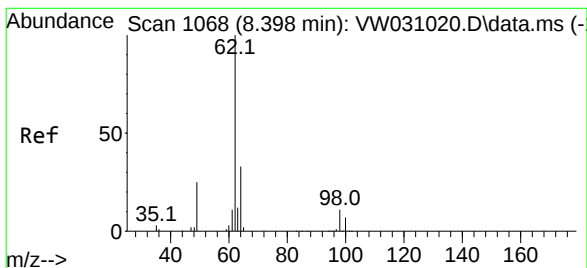
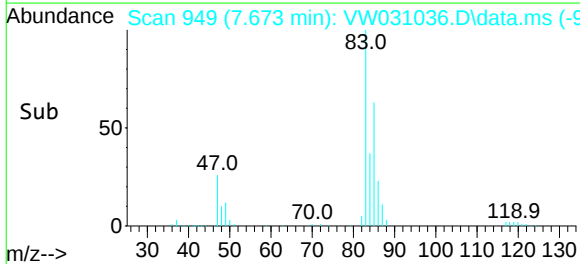
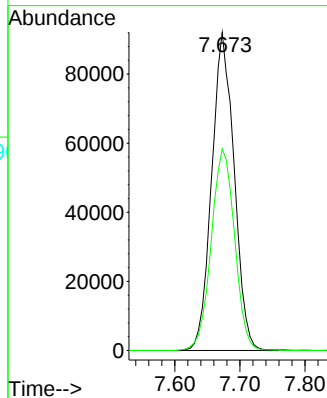
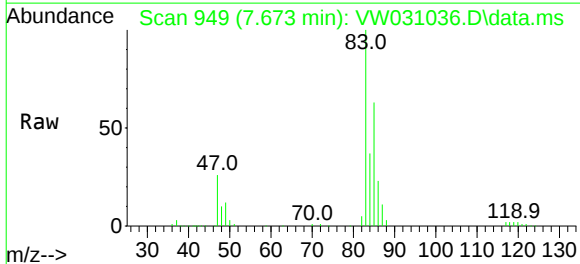
E29X5MSD

Tgt Ion: 83 Resp: 220293

Ion Ratio Lower Upper

83 100

85 63.4 47.2 87.6



#27

1,2-Dichloroethane

Concen: 13.161 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031036.D

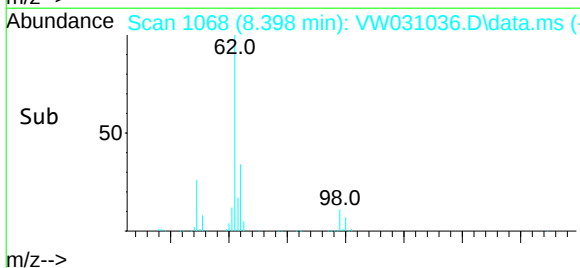
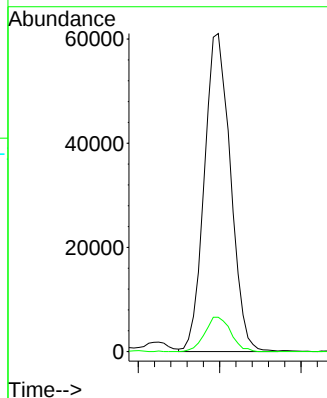
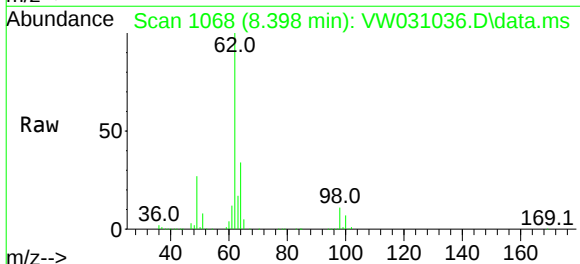
Acq: 15 Nov 2024 19:46

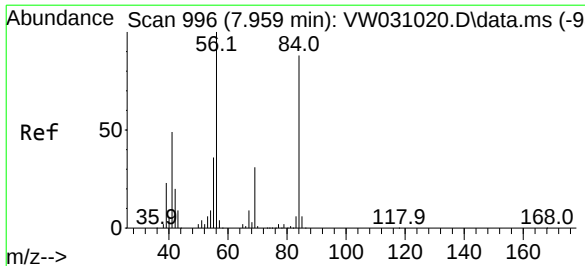
Tgt Ion: 62 Resp: 136403

Ion Ratio Lower Upper

62 100

98 10.8 7.1 10.7#

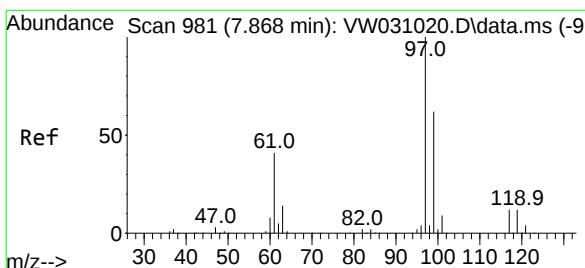
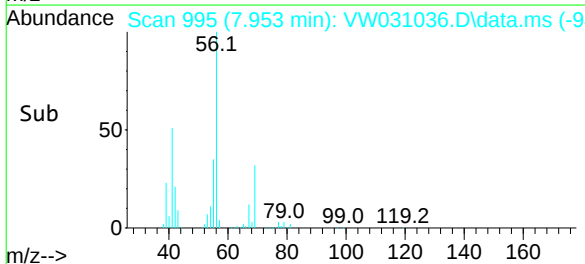
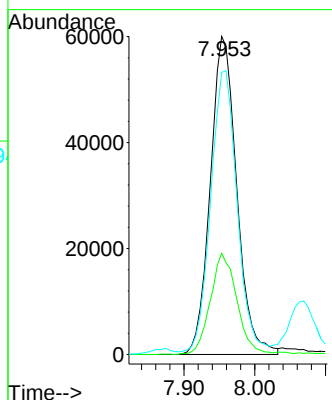
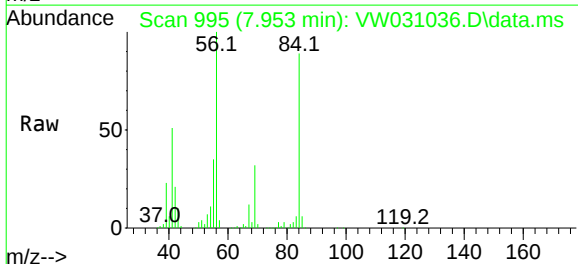




#29
Cyclohexane
Concen: 13.207 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

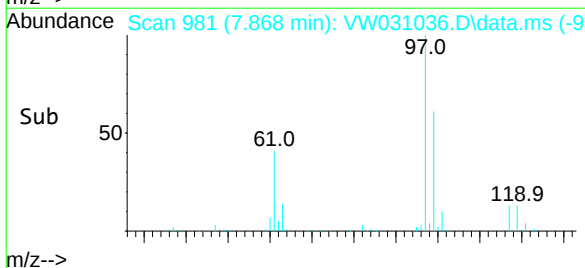
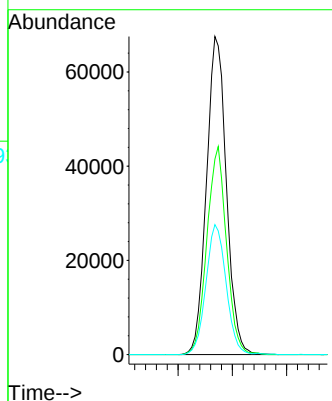
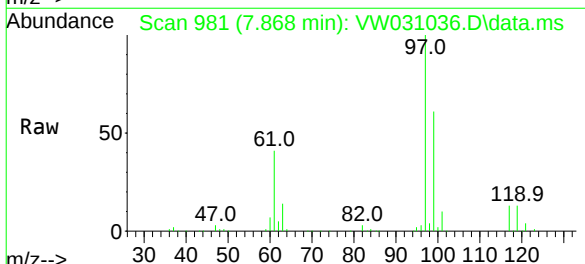
Instrument :
MSVOA_W
ClientSampleId :
E29X5MSD

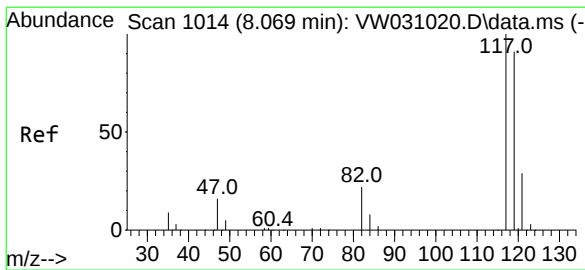
Tgt Ion:	56	Resp:	155799
Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.8	37.2
84	89.8	69.5	104.3



#30
1,1,1-Trichloroethane
Concen: 13.626 ug/L
RT: 7.868 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion:	97	Resp:	172301
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.3	76.9
61	41.4	36.2	54.4

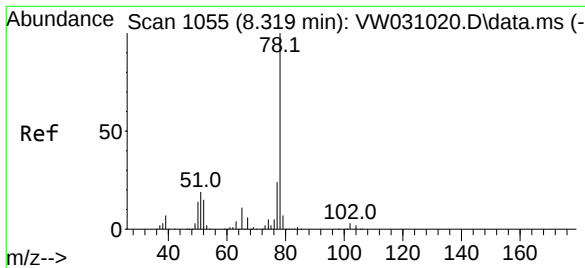
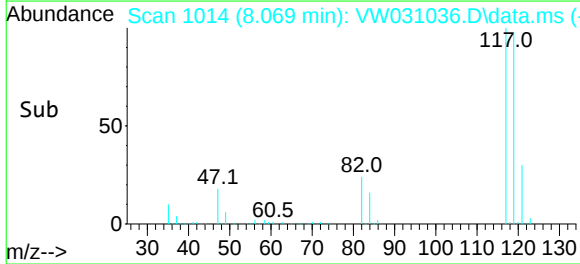
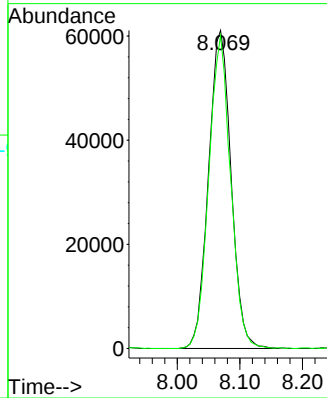
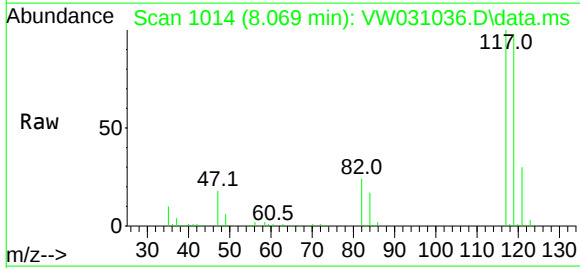




#31
Carbon tetrachloride
Concen: 13.472 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

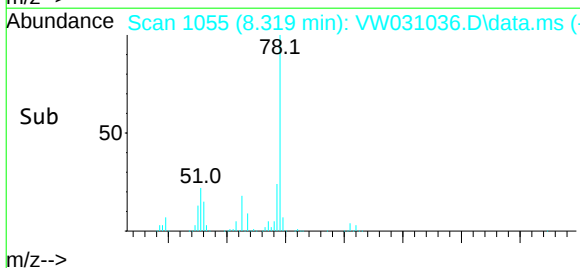
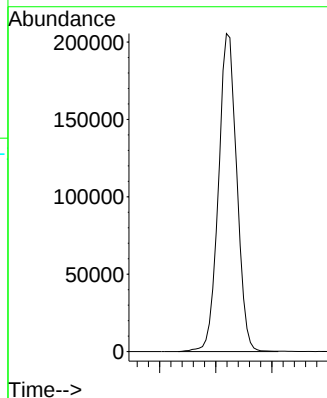
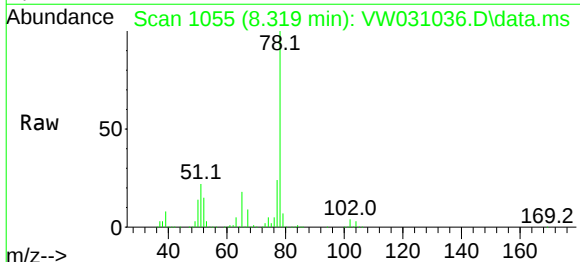
Instrument :
MSVOA_W
ClientSampleId :
E29X5MSD

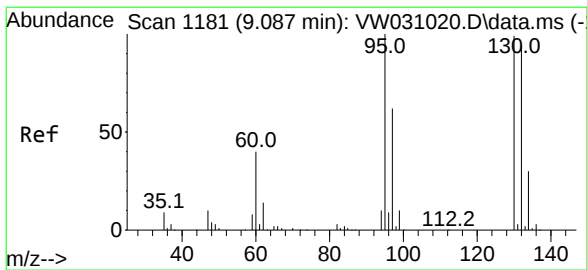
Tgt Ion:117 Resp: 153071
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.2



#33
Benzene
Concen: 14.667 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion: 78 Resp: 465351





#34

Trichloroethene

Concen: 13.141 ug/L

RT: 9.087 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031036.D

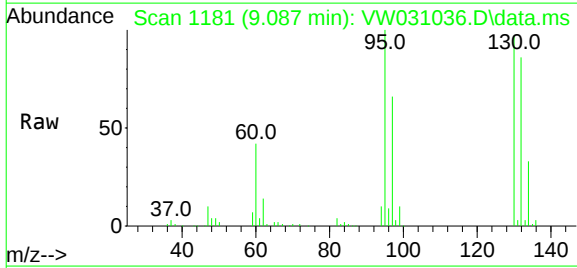
Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

ClientSampleId :

E29X5MSD



Tgt Ion: 95 Resp: 114975

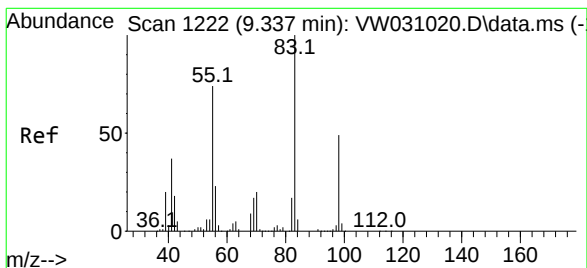
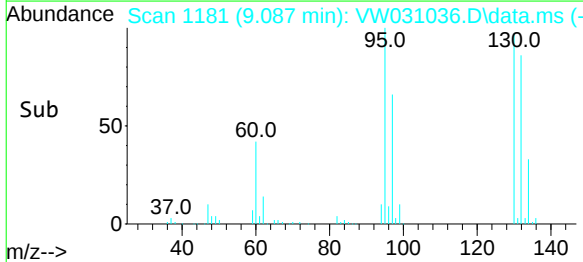
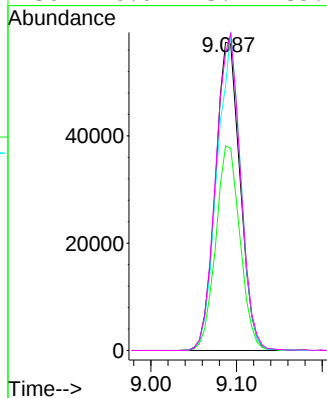
Ion Ratio Lower Upper

95 100

97 66.4 48.9 90.7

132 85.9 67.7 125.7

130 96.6 73.1 135.8



#35

Methylcyclohexane

Concen: 13.161 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

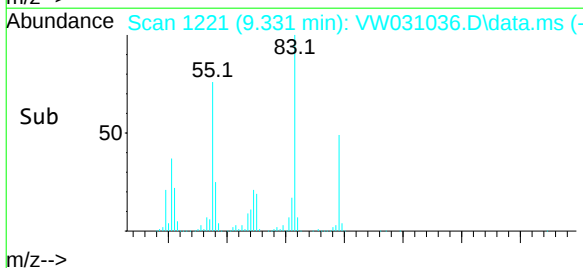
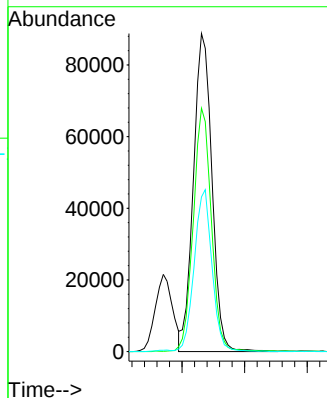
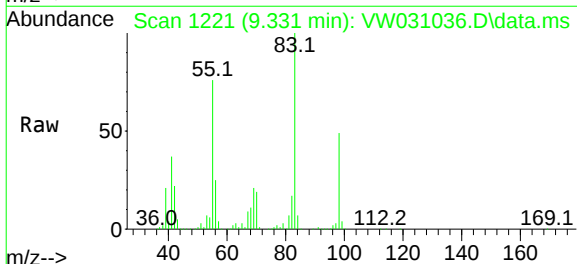
Tgt Ion: 83 Resp: 182507

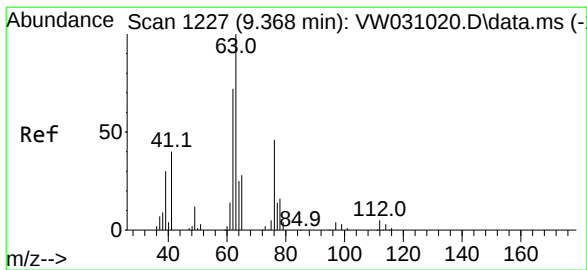
Ion Ratio Lower Upper

83 100

55 74.5 62.8 94.2

98 48.9 39.4 59.2





#37

1,2-Dichloropropane

Concen: 15.167 ug/L

RT: 9.368 min Scan# 12

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

ClientSampleId :

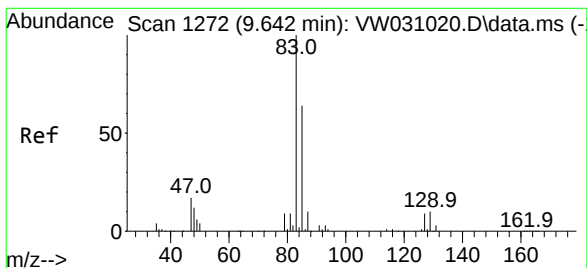
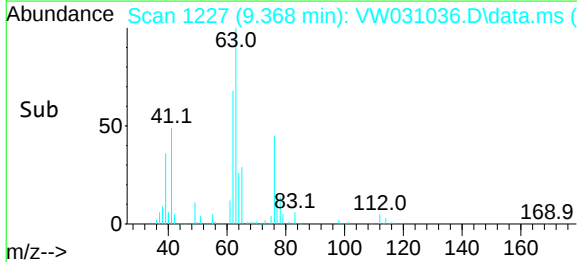
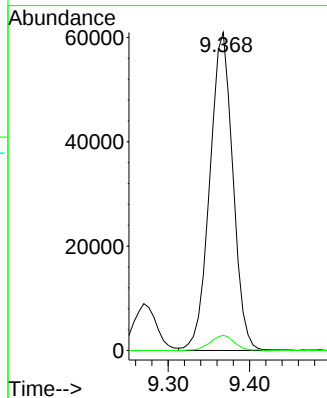
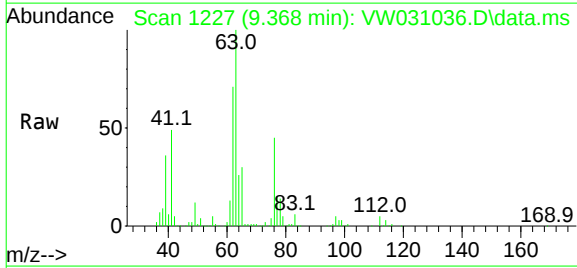
E29X5MSD

Tgt Ion: 63 Resp: 120264

Ion Ratio Lower Upper

63 100

112 4.9 3.5 5.3



#38

Bromodichloromethane

Concen: 14.323 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

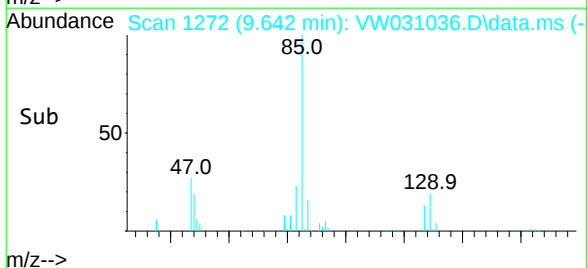
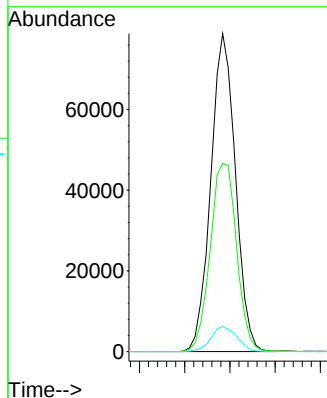
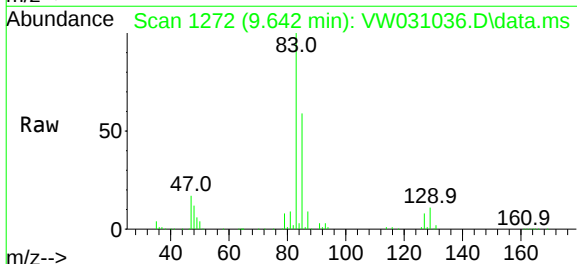
Tgt Ion: 83 Resp: 149146

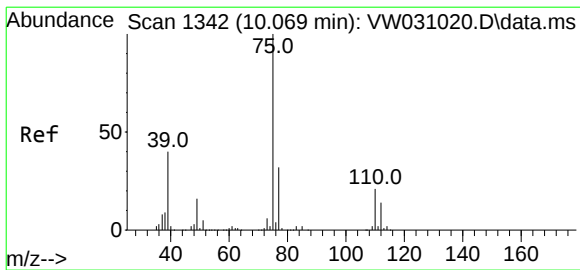
Ion Ratio Lower Upper

83 100

85 59.1 44.1 81.9

127 7.9 6.4 9.6

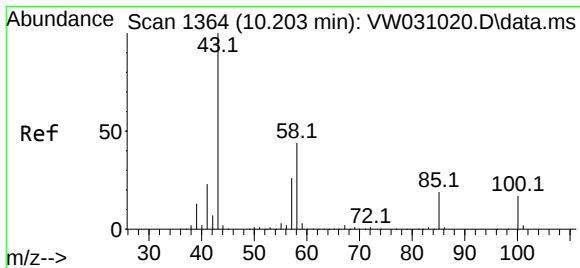
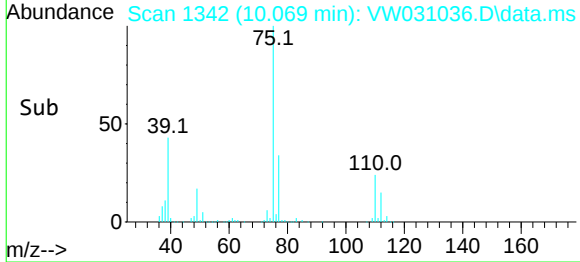
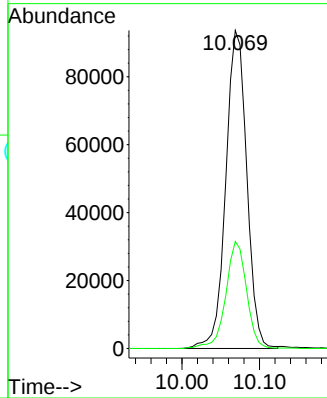
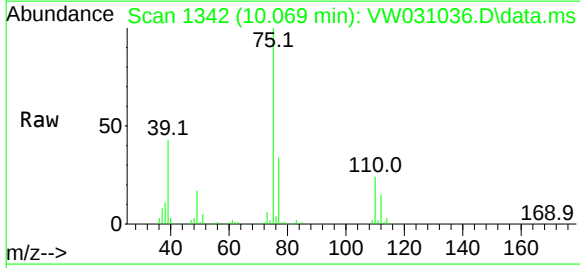




#39
cis-1,3-Dichloropropene
Concen: 14.861 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

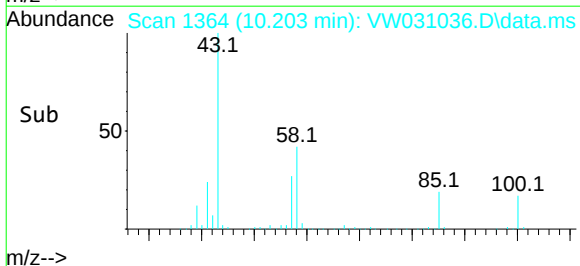
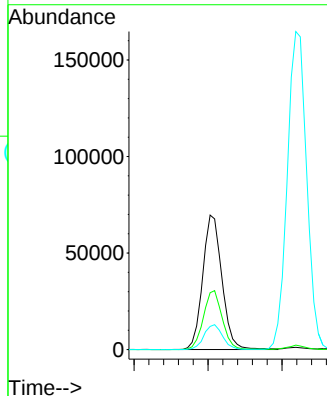
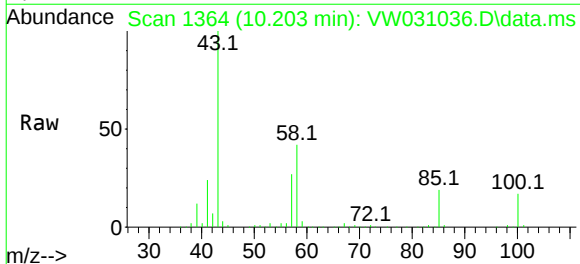
Instrument :
MSVOA_W
ClientSampleId :
E29X5MSD

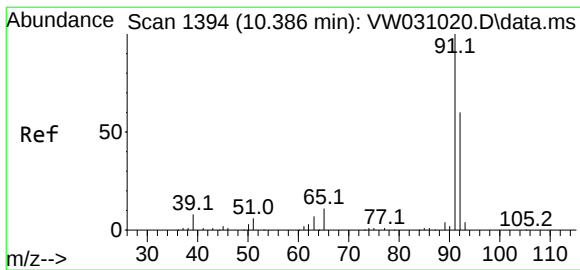
Tgt Ion: 75 Resp: 176283
Ion Ratio Lower Upper
75 100
77 33.7 21.3 39.6



#40
4-Methyl-2-pentanone
Concen: 34.711 ug/L
RT: 10.203 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion: 43 Resp: 125874
Ion Ratio Lower Upper
43 100
58 43.2 32.2 48.4
100 18.0 13.3 19.9





#42

Toluene

Concen: 13.992 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

ClientSampleId :

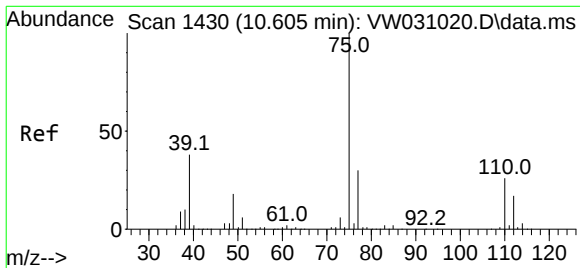
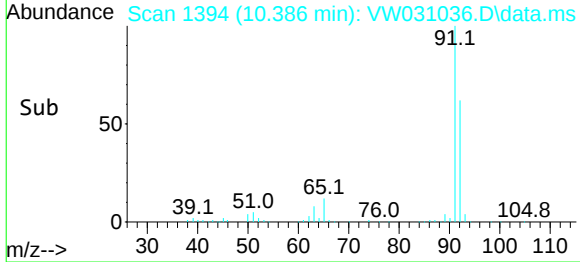
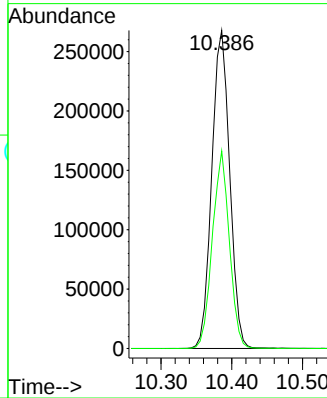
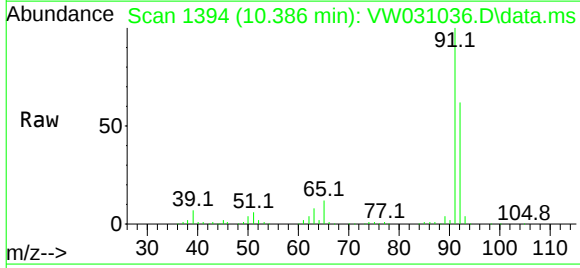
E29X5MSD

Tgt Ion: 91 Resp: 470111

Ion Ratio Lower Upper

91 100

92 62.1 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 14.922 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031036.D

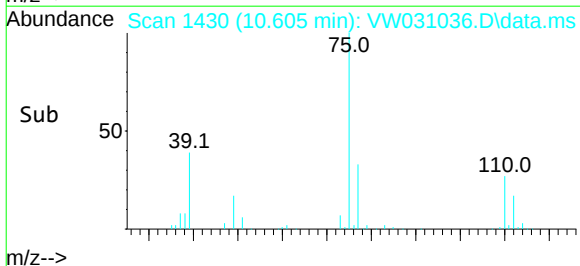
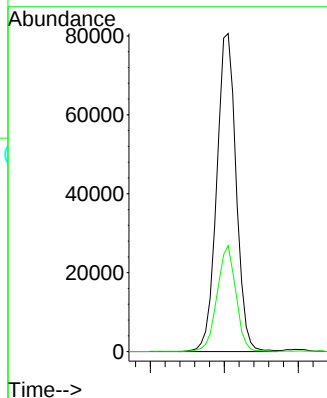
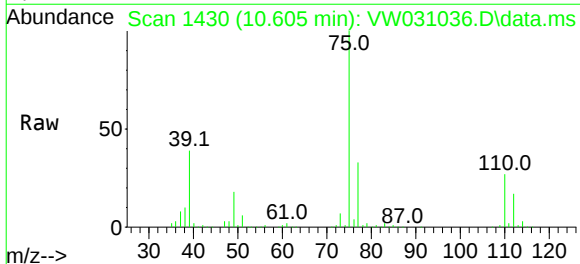
Acq: 15 Nov 2024 19:46

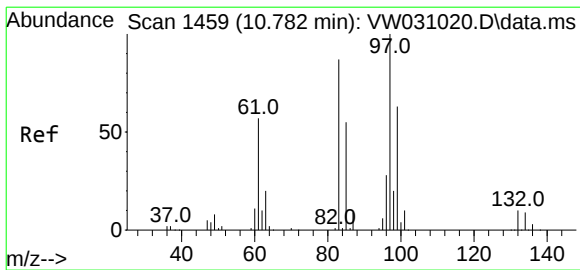
Tgt Ion: 75 Resp: 147047

Ion Ratio Lower Upper

75 100

77 33.3 23.6 43.8

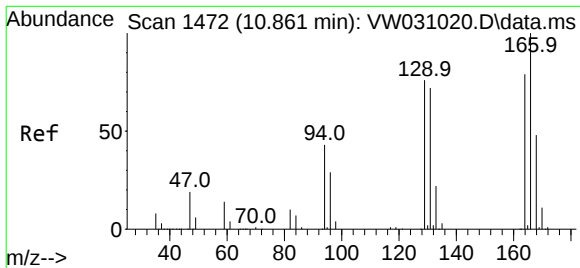
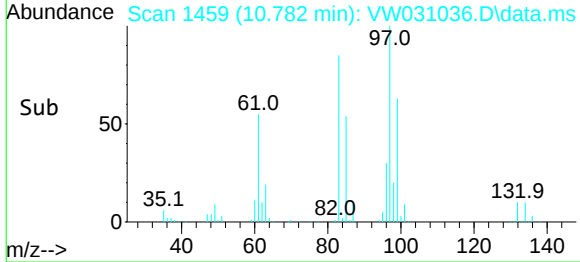
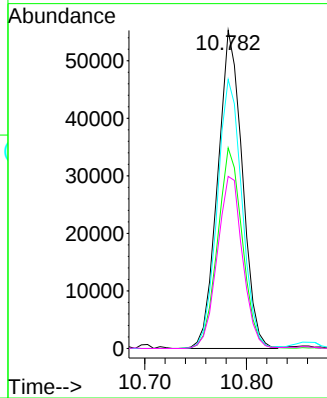
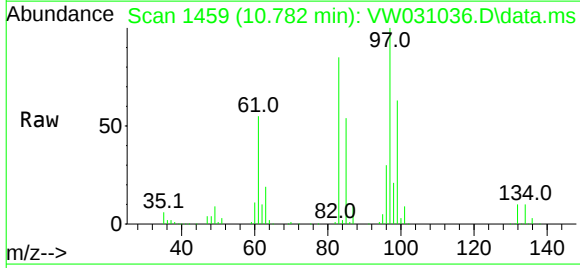




#45
1,1,2-Trichloroethane
Concen: 16.332 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

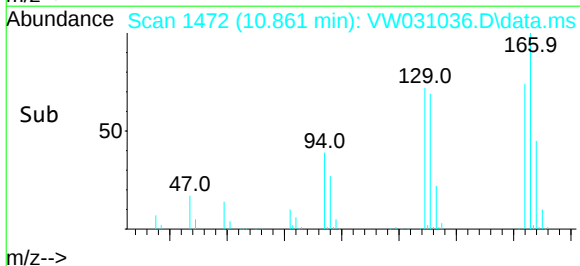
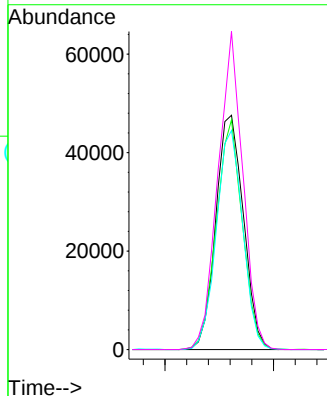
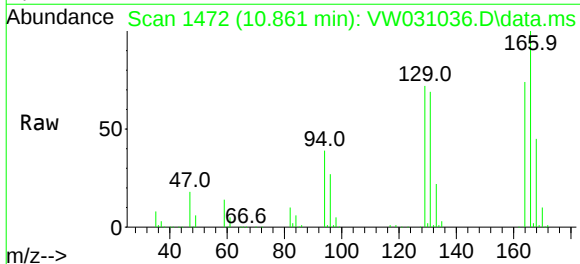
Instrument :
MSVOA_W
ClientSampleId :
E29X5MSD

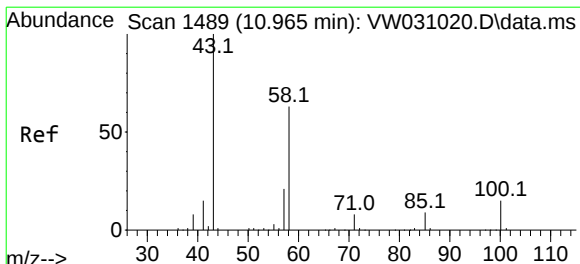
Tgt Ion:	97	Resp:	92959
Ion	Ratio	Lower	Upper
97	100		
99	63.1	42.8	79.4
83	84.6	60.6	112.6
85	54.1	37.1	68.9



#46
Tetrachloroethene
Concen: 12.580 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion:	164	Resp:	84141
Ion	Ratio	Lower	Upper
164	100		
129	98.1	71.1	132.1
131	93.5	62.6	116.3
166	135.7	83.7	155.5

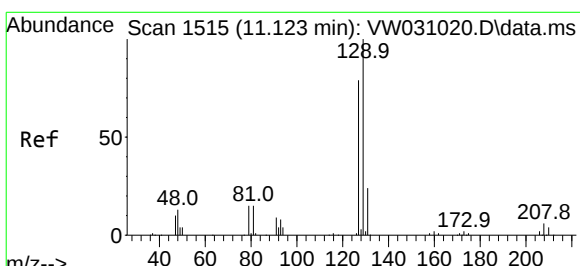
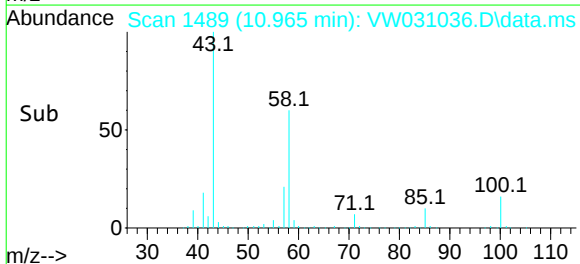
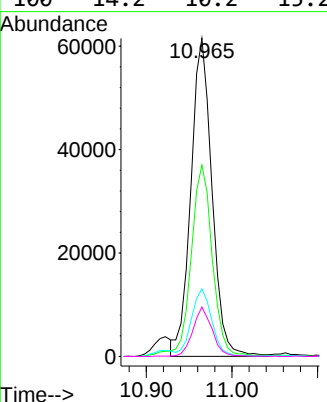
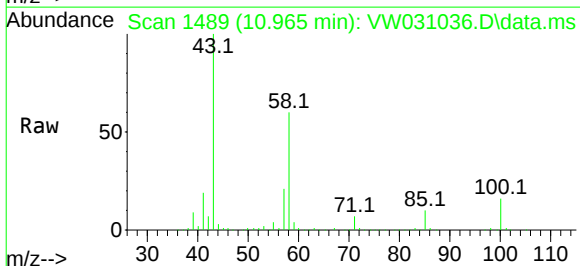




#48
2-Hexanone
Concen: 38.188 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

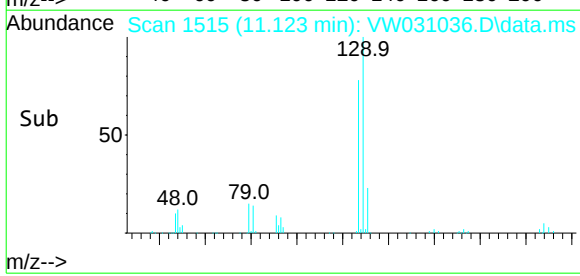
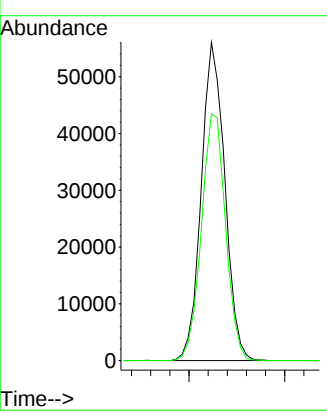
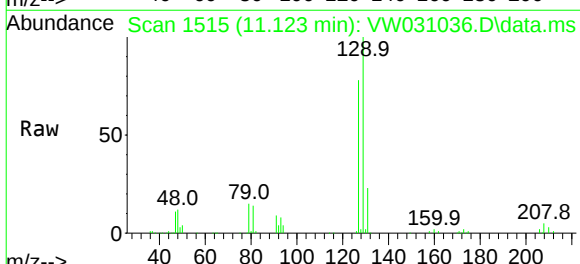
Instrument :
MSVOA_W
ClientSampleId :
E29X5MSD

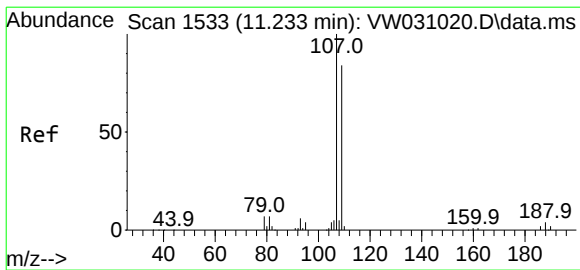
Tgt Ion:	43	Resp:	105358
Ion	Ratio	Lower	Upper
43	100		
58	60.6	43.8	65.8
57	20.4	15.4	23.2
100	14.2	10.2	15.2



#49
Dibromochloromethane
Concen: 15.434 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion:	129	Resp:	95778
Ion	Ratio	Lower	Upper
129	100		
127	77.6	52.1	96.7

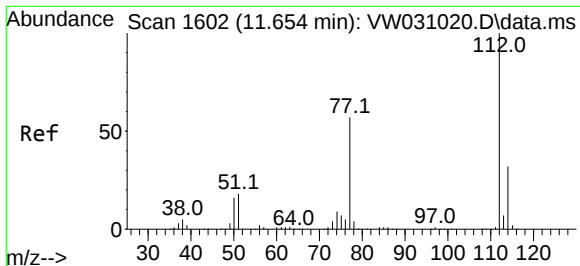
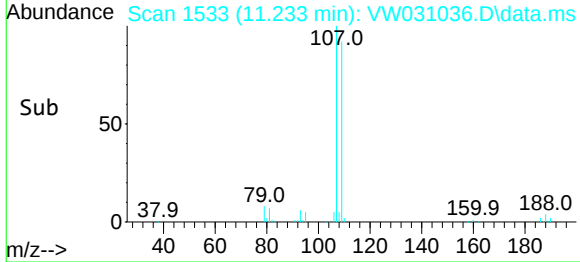
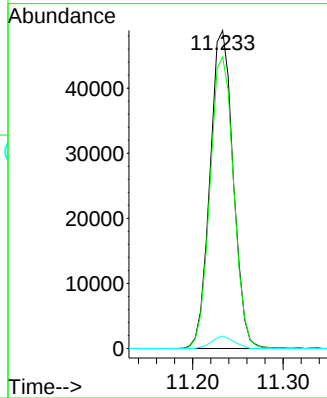
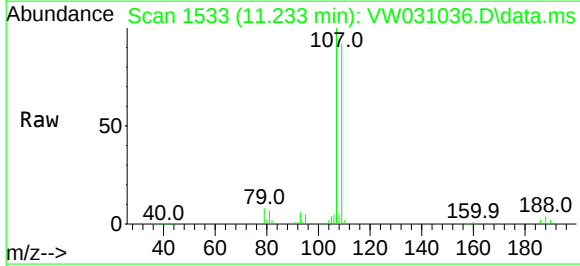




#50
1,2-Dibromoethane
Concen: 16.577 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

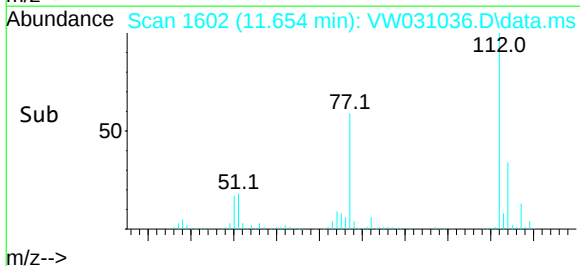
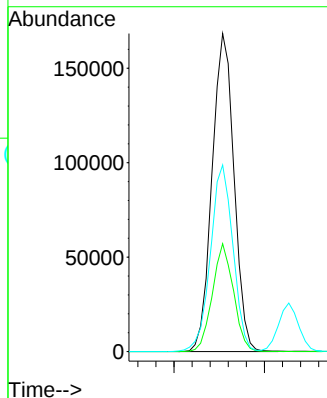
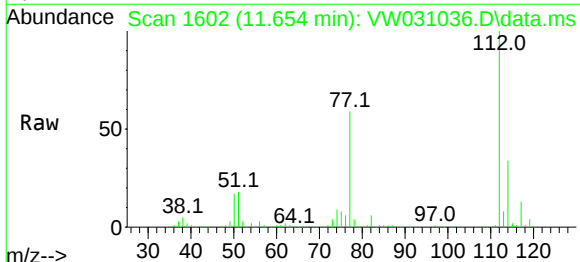
Instrument :
MSVOA_W
ClientSampleId :
E29X5MSD

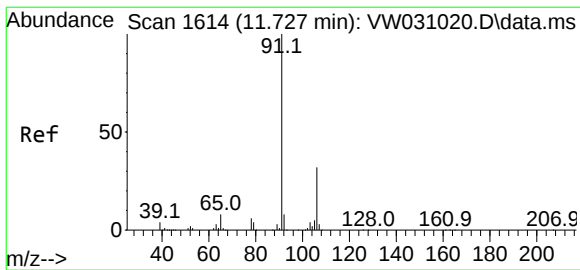
Tgt Ion:	107	Resp:	87011
Ion	Ratio	Lower	Upper
107	100		
109	91.7	64.3	119.3
188	3.9	2.7	4.1



#51
Chlorobenzene
Concen: 13.217 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion:	112	Resp:	284210
Ion	Ratio	Lower	Upper
112	100		
114	33.9	21.9	40.7
77	58.7	45.3	67.9

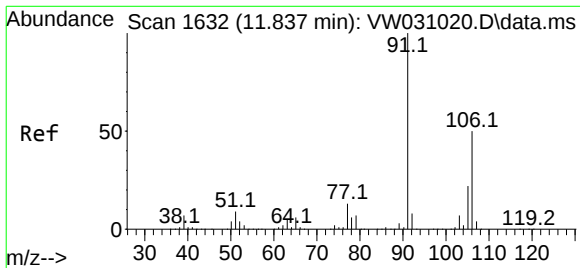
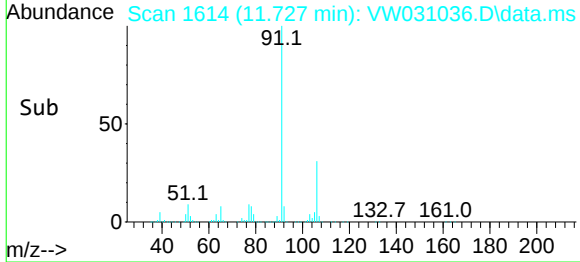
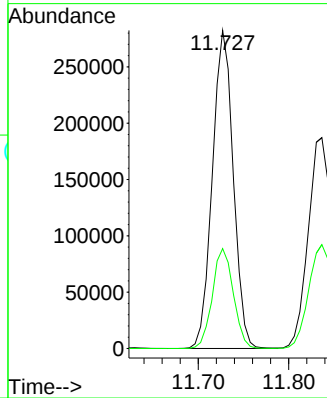
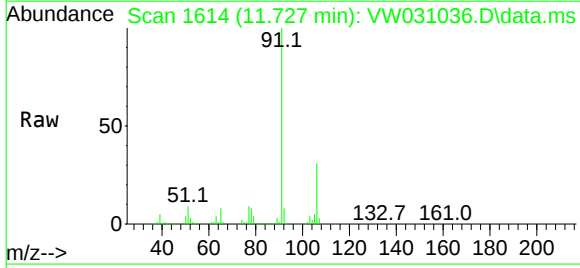




#52
Ethylbenzene
Concen: 11.938 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

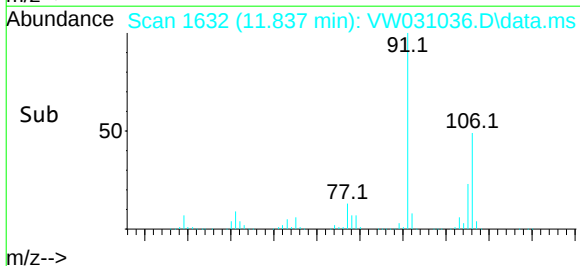
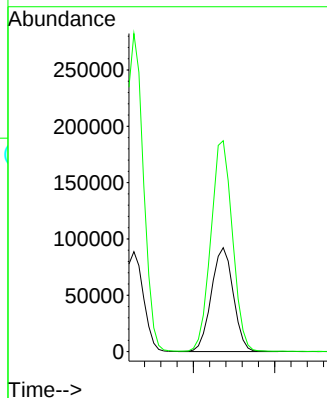
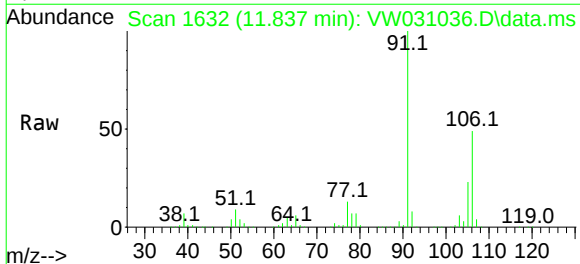
Instrument :
MSVOA_W
ClientSampleId :
E29X5MSD

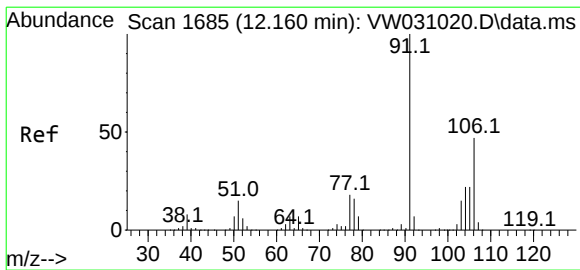
Tgt Ion: 91 Resp: 453195
Ion Ratio Lower Upper
91 100
106 31.4 21.6 40.0



#53
m,p-Xylene
Concen: 12.107 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion: 106 Resp: 172869
Ion Ratio Lower Upper
106 100
91 203.0 140.7 261.3





#54

o-Xylene

Concen: 13.095 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

ClientSampleId :

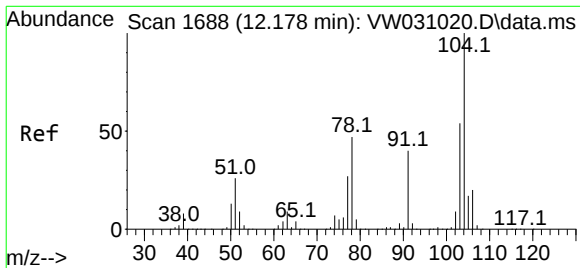
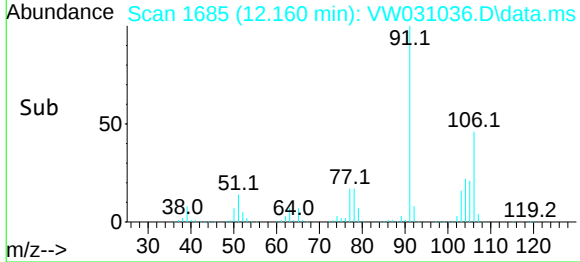
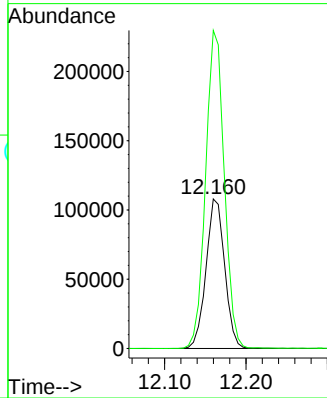
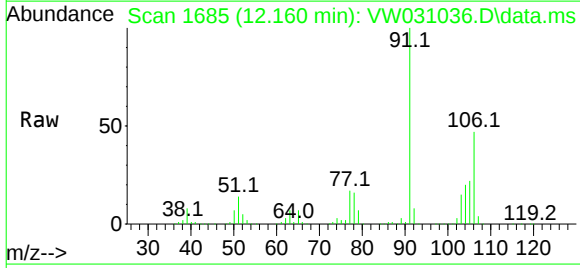
E29X5MSD

Tgt Ion:106 Resp: 172046

Ion Ratio Lower Upper

106 100

91 212.7 149.9 278.3



#55

Styrene

Concen: 13.516 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031036.D

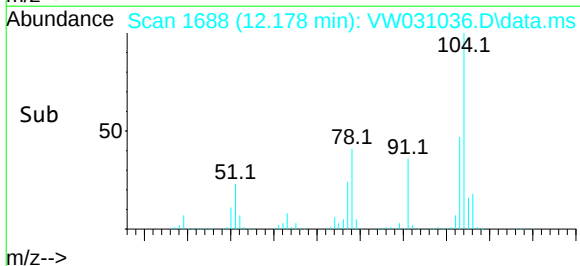
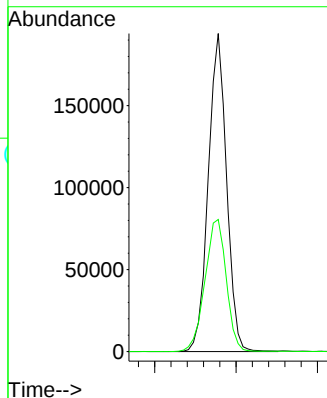
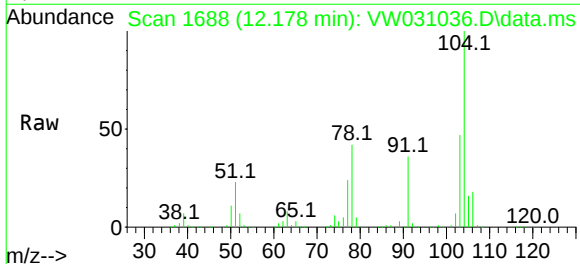
Acq: 15 Nov 2024 19:46

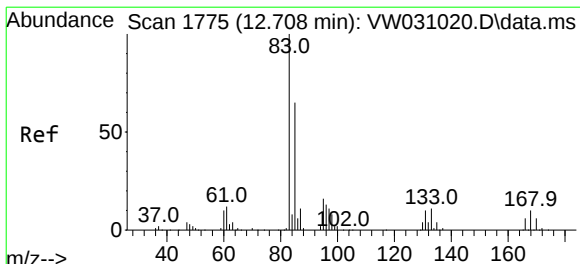
Tgt Ion:104 Resp: 303390

Ion Ratio Lower Upper

104 100

78 41.5 31.8 59.0

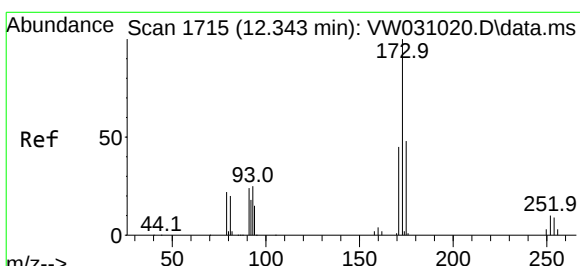
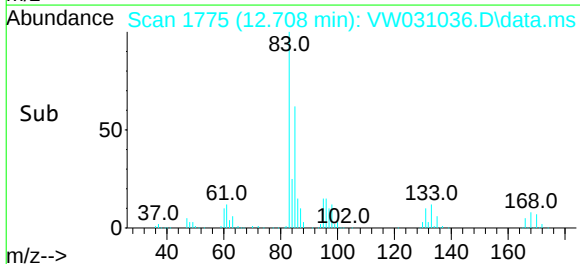
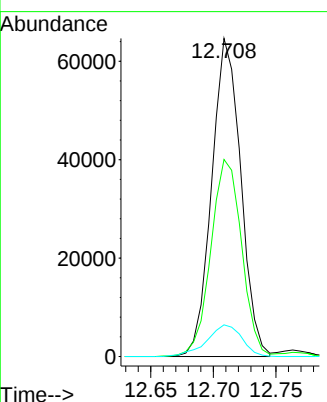
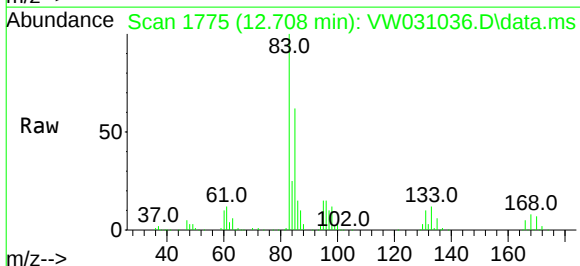




#57
 1,1,2,2-Tetrachloroethane
 Concen: 16.815 ug/L
 RT: 12.708 min Scan# 1715
 Delta R.T. 0.000 min
 Lab File: VW031036.D
 Acq: 15 Nov 2024 19:46

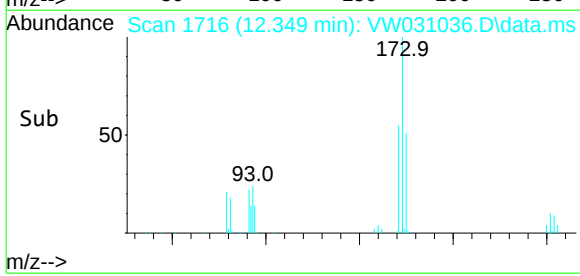
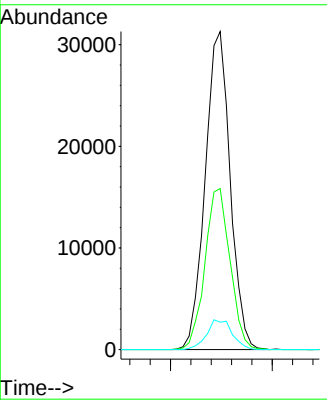
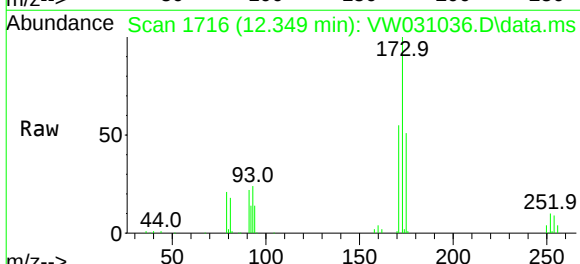
Instrument :
 MSVOA_W
 ClientSampleId :
 E29X5MSD

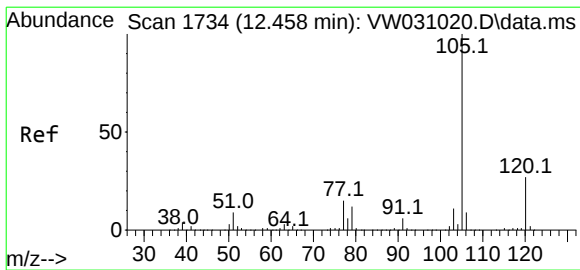
Tgt Ion:	83	Resp:	104442
Ion	Ratio	Lower	Upper
83	100		
85	61.9	45.1	83.7
131	10.0	7.7	11.5



#59
 Bromoform
 Concen: 17.564 ug/L
 RT: 12.349 min Scan# 1716
 Delta R.T. 0.006 min
 Lab File: VW031036.D
 Acq: 15 Nov 2024 19:46

Tgt Ion:	173	Resp:	53373
Ion	Ratio	Lower	Upper
173	100		
175	50.9	39.3	58.9
254	9.6	7.8	11.6

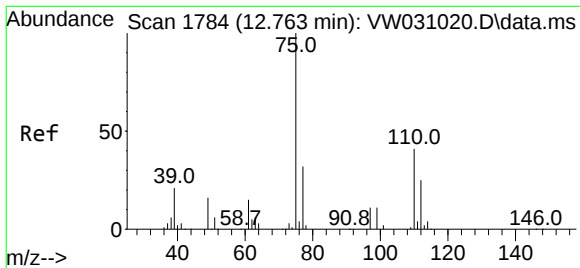
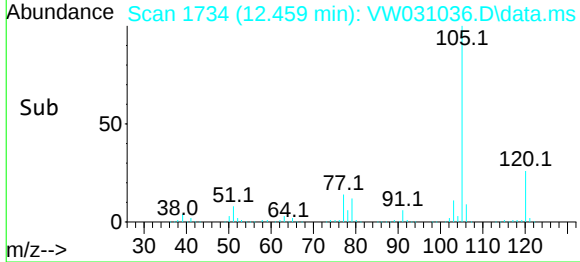
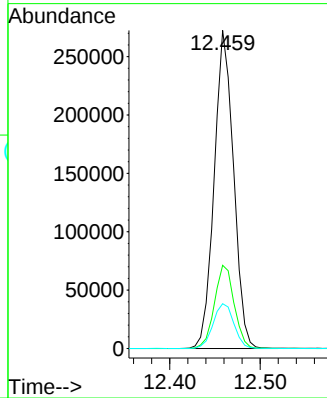
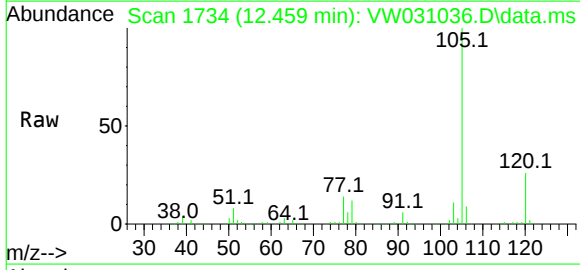




#60
Isopropylbenzene
Concen: 12.494 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

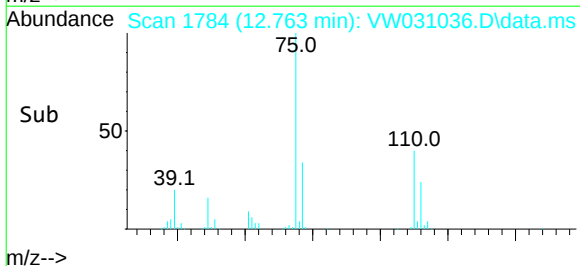
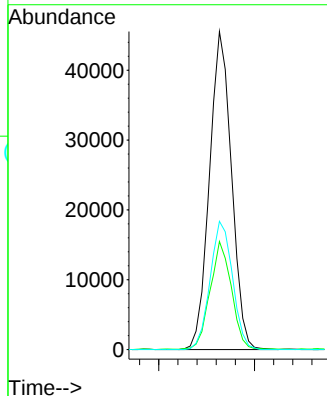
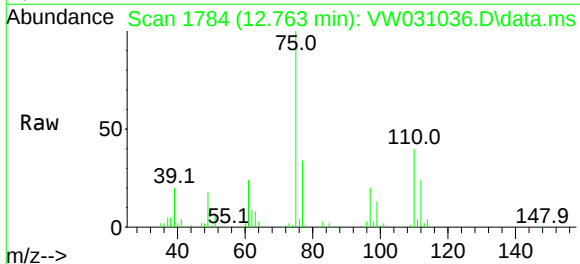
Instrument :
MSVOA_W
ClientSampleId :
E29X5MSD

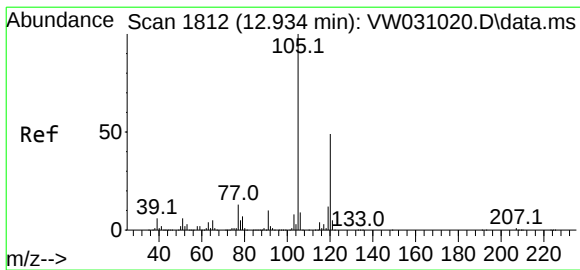
Tgt Ion:	105	Resp:	405593
Ion	Ratio	Lower	Upper
105	100		
120	26.6	20.6	31.0
77	15.1	13.0	19.4



#61
1,2,3-Trichloropropane
Concen: 18.279 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

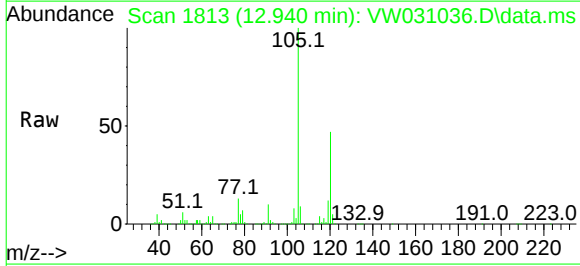
Tgt Ion:	75	Resp:	72932
Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.2	39.2
110	40.9	31.8	47.8



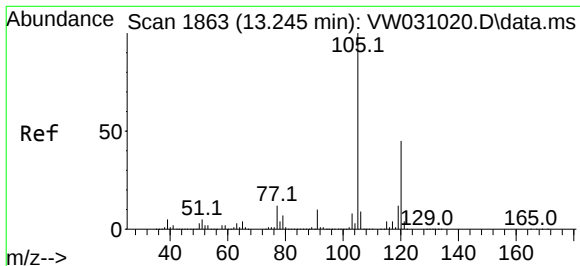
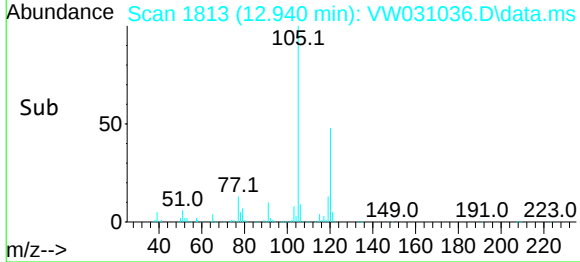
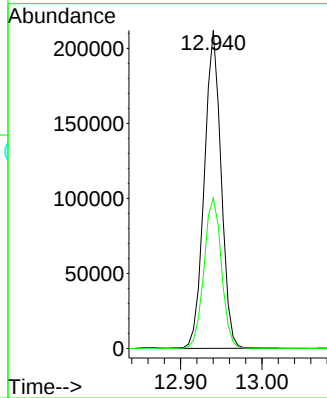


#62
 1,3,5-Trimethylbenzene
 Concen: 11.879 ug/L
 RT: 12.940 min Scan# 1812
 Delta R.T. 0.006 min
 Lab File: VW031036.D
 Acq: 15 Nov 2024 19:46

Instrument :
 MSVOA_W
 ClientSampleId :
 E29X5MSD

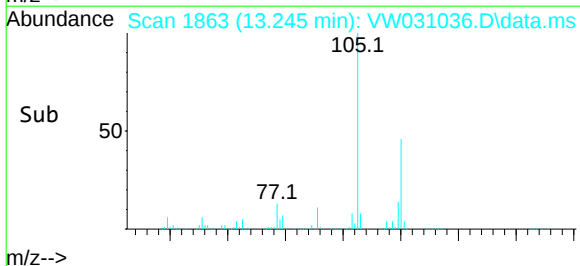
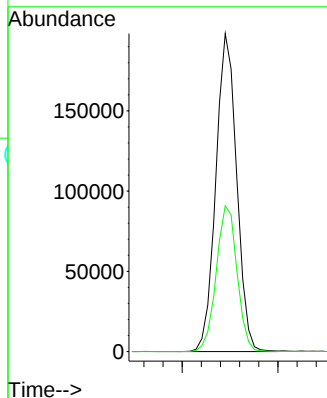
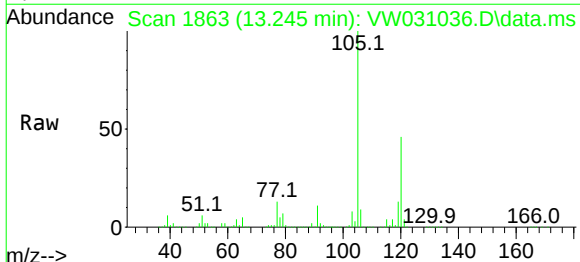


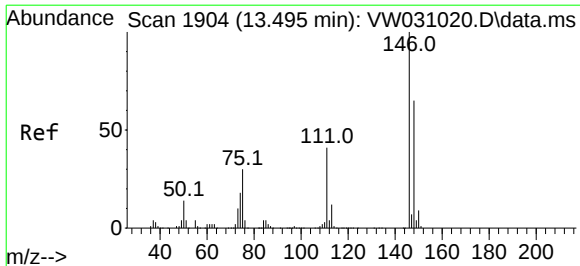
Tgt Ion:105 Resp: 303615
 Ion Ratio Lower Upper
 105 100
 120 49.2 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 12.024 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031036.D
 Acq: 15 Nov 2024 19:46

Tgt Ion:105 Resp: 299290
 Ion Ratio Lower Upper
 105 100
 120 45.8 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 12.355 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

ClientSampleId :

E29X5MSD

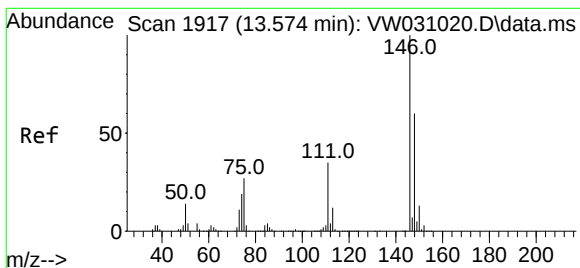
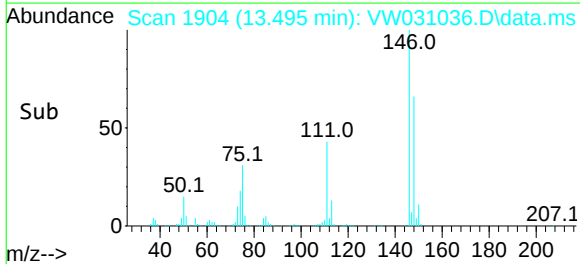
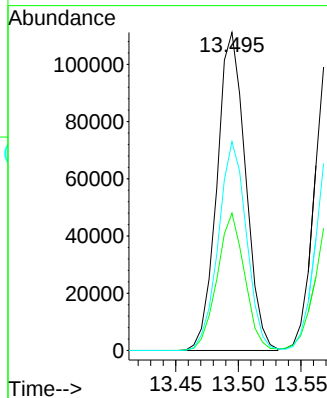
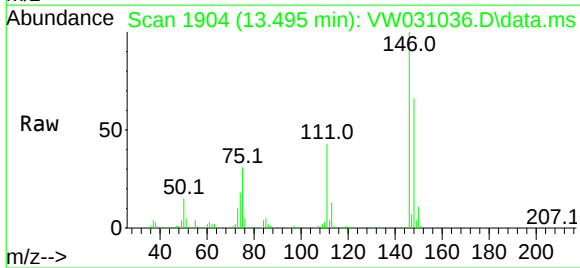
Tgt Ion:146 Resp: 176105

Ion Ratio Lower Upper

146 100

111 43.2 26.8 49.8

148 65.7 41.8 77.6



#65

1,4-Dichlorobenzene

Concen: 12.968 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

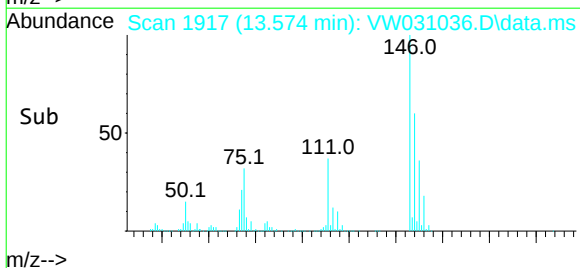
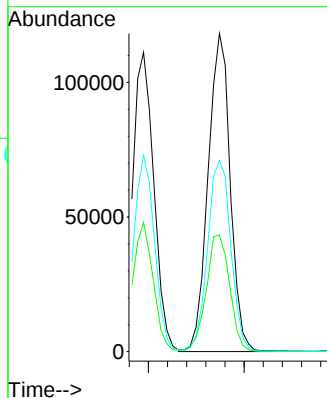
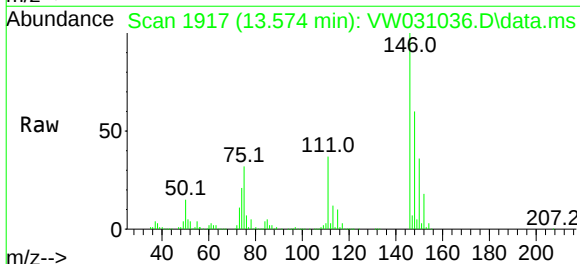
Tgt Ion:146 Resp: 189771

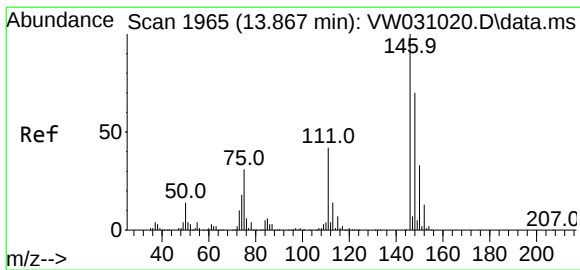
Ion Ratio Lower Upper

146 100

111 36.6 27.6 51.4

148 60.0 41.6 77.2

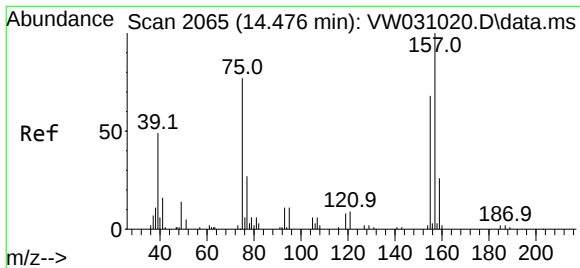
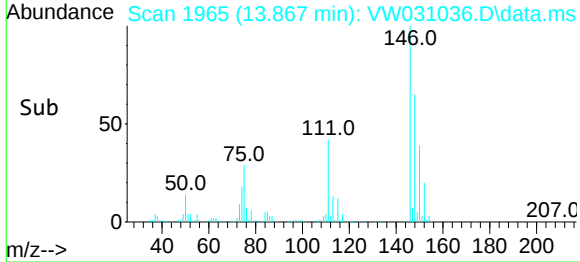
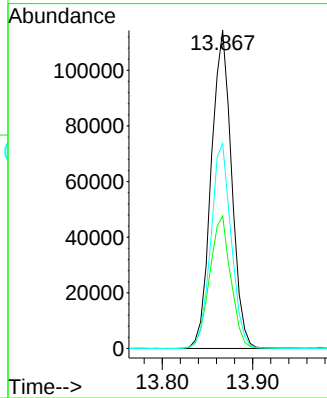
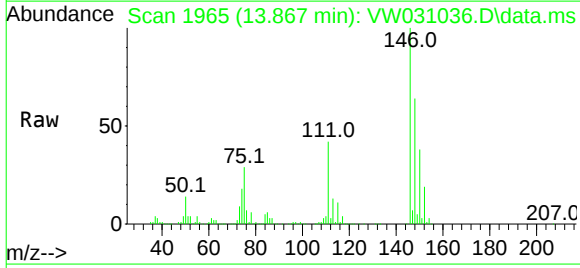




#67
1,2-Dichlorobenzene
Concen: 14.126 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

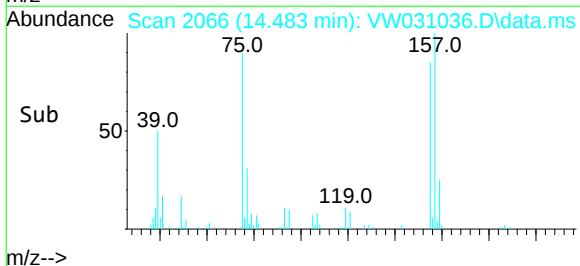
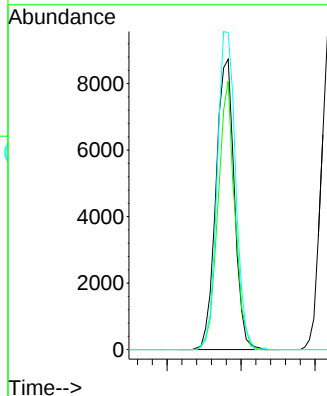
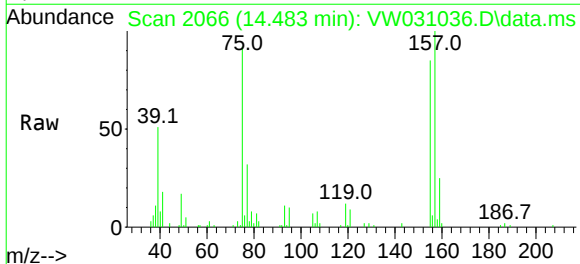
Instrument :
MSVOA_W
ClientSampleId :
E29X5MSD

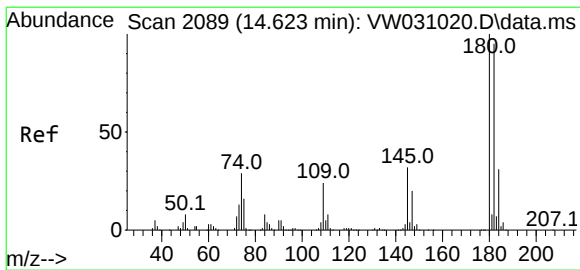
Tgt Ion: 146 Resp: 179447
Ion Ratio Lower Upper
146 100
111 41.7 34.3 51.5
148 64.5 48.0 72.0



#68
1,2-Dibromo-3-chloropropane
Concen: 17.886 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion: 75 Resp: 15108
Ion Ratio Lower Upper
75 100
155 92.5 56.2 84.2#
157 109.1 74.9 112.3

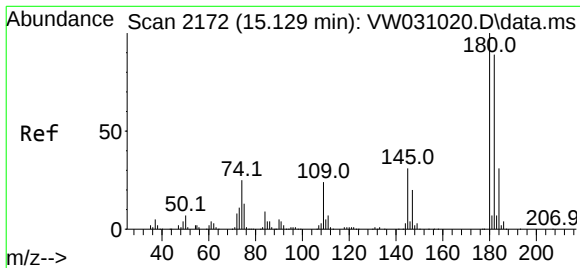
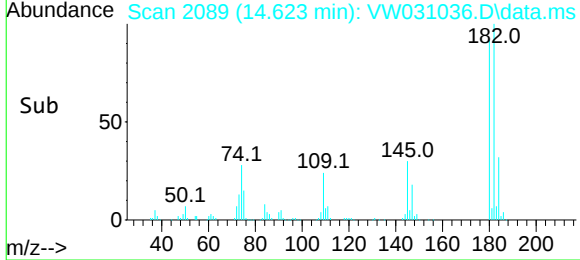
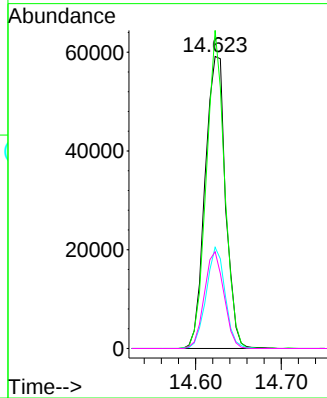
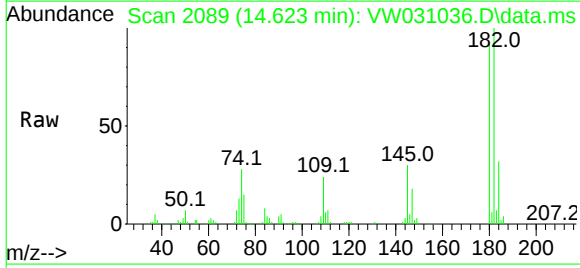




#69
1,3,5-Trichlorobenzene
Concen: 10.408 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

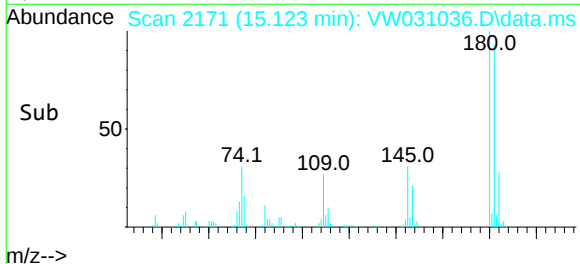
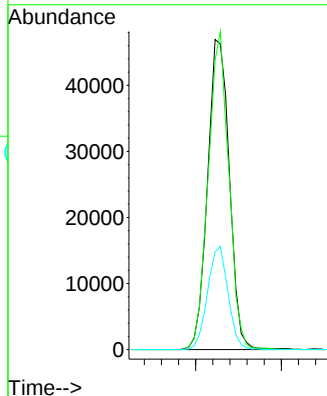
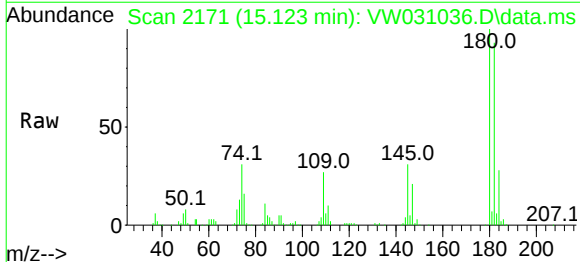
Instrument :
MSVOA_W
ClientSampleId :
E29X5MSD

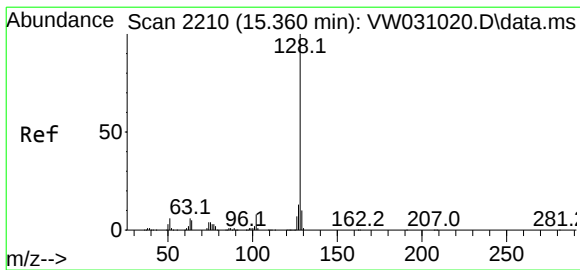
Tgt Ion:	180	Resp:	98450
Ion Ratio	Lower	Upper	
180	100		
182	97.0	76.6	114.8
184	31.9	23.9	35.9
145	31.6	23.9	35.9



#70
1,2,4-trichlorobenzene
Concen: 11.040 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion:	180	Resp:	82919
Ion Ratio	Lower	Upper	
180	100		
182	96.8	74.5	111.7
145	31.3	24.2	36.2

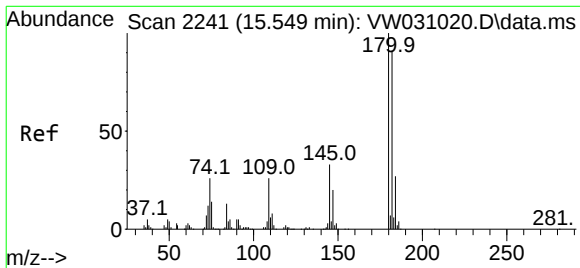
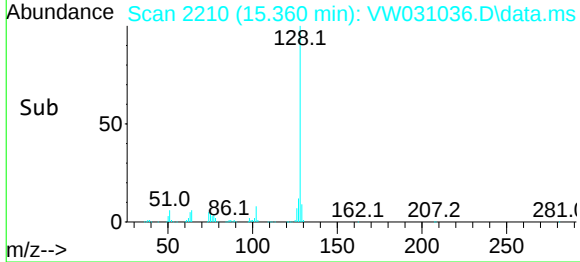
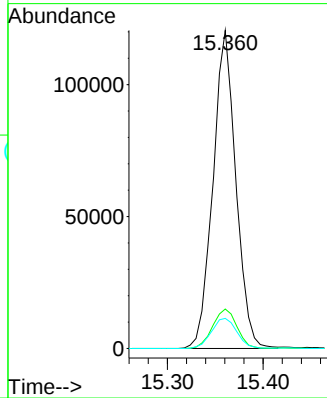
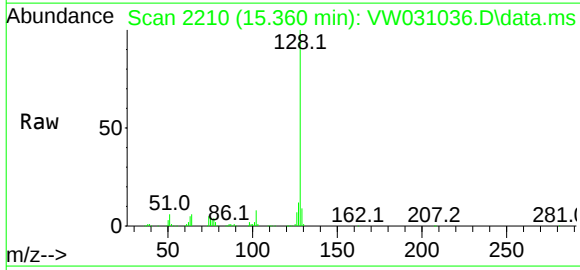




#71
Naphthalene
Concen: 16.454 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Instrument :
MSVOA_W
ClientSampleId :
E29X5MSD

Tgt Ion:	128	Resp:	200334
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.4
129	10.5	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 12.793 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion:	180	Resp:	82805
Ion Ratio	Lower	Upper	
180	100		
182	96.7	79.2	118.8
145	32.8	27.0	40.6

