

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101323\
 Data File : VW027300.D
 Acq On : 13 Oct 2023 11:07
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 16 01:53:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 12 21:57:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	481581	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	441384	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	216438	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	178784	24.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.320%
7) Chloroethane-d5	2.893	69	137584	26.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.280%
11) 1,1-Dichloroethene-d2	4.021	65	90839	24.666	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.680%
21) 2-Butanone-d5	7.075	46	122369	50.092	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.180%
24) Chloroform-d	7.648	84	371892	25.910	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.640%
26) 1,2-Dichloroethane-d4	8.307	65	201576	26.144	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.560%
32) Benzene-d6	8.276	84	767624	25.705	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.840%
36) 1,2-Dichloropropane-d6	9.276	67	235653	25.836	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.360%
41) Toluene-d8	10.325	98	678636	25.060	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.240%
43) trans-1,3-Dichloroprop...	10.575	79	104803	25.201	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.800%
47) 2-Hexanone-d5	10.922	63	96957	51.378	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	176108	25.878	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.520%
66) 1,2-Dichlorobenzene-d4	13.848	152	204898	26.124	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	119445	20.846	ug/L	# 89
3) Chloromethane	2.222	50	162734	24.713	ug/L	100
5) Vinyl chloride	2.375	62	176755	24.030	ug/L	98
6) Bromomethane	2.789	94	102723	24.519	ug/L	99
8) Chloroethane	2.930	64	105185	24.843	ug/L	99
9) Trichlorofluoromethane	3.265	101	126808	24.436	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	165589	25.483	ug/L	96
12) 1,1-Dichloroethene	4.045	96	160516	25.419	ug/L	94
13) Acetone	4.118	43	118457	56.143	ug/L	99
14) Carbon disulfide	4.387	76	457817	23.386	ug/L	100
15) Methyl Acetate	4.673	43	93623	25.980	ug/L	100
16) Methylene chloride	4.917	84	173837	19.720	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	170650	25.145	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	291689	24.911	ug/L	100
19) 1,1-Dichloroethane	6.222	63	354765	25.621	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	195858	25.554	ug/L	98
22) 2-Butanone	7.167	43	154156	48.813	ug/L	100
23) Bromochloromethane	7.514	128	80044	25.296	ug/L	86
25) Chloroform	7.679	83	334727	25.828	ug/L	99

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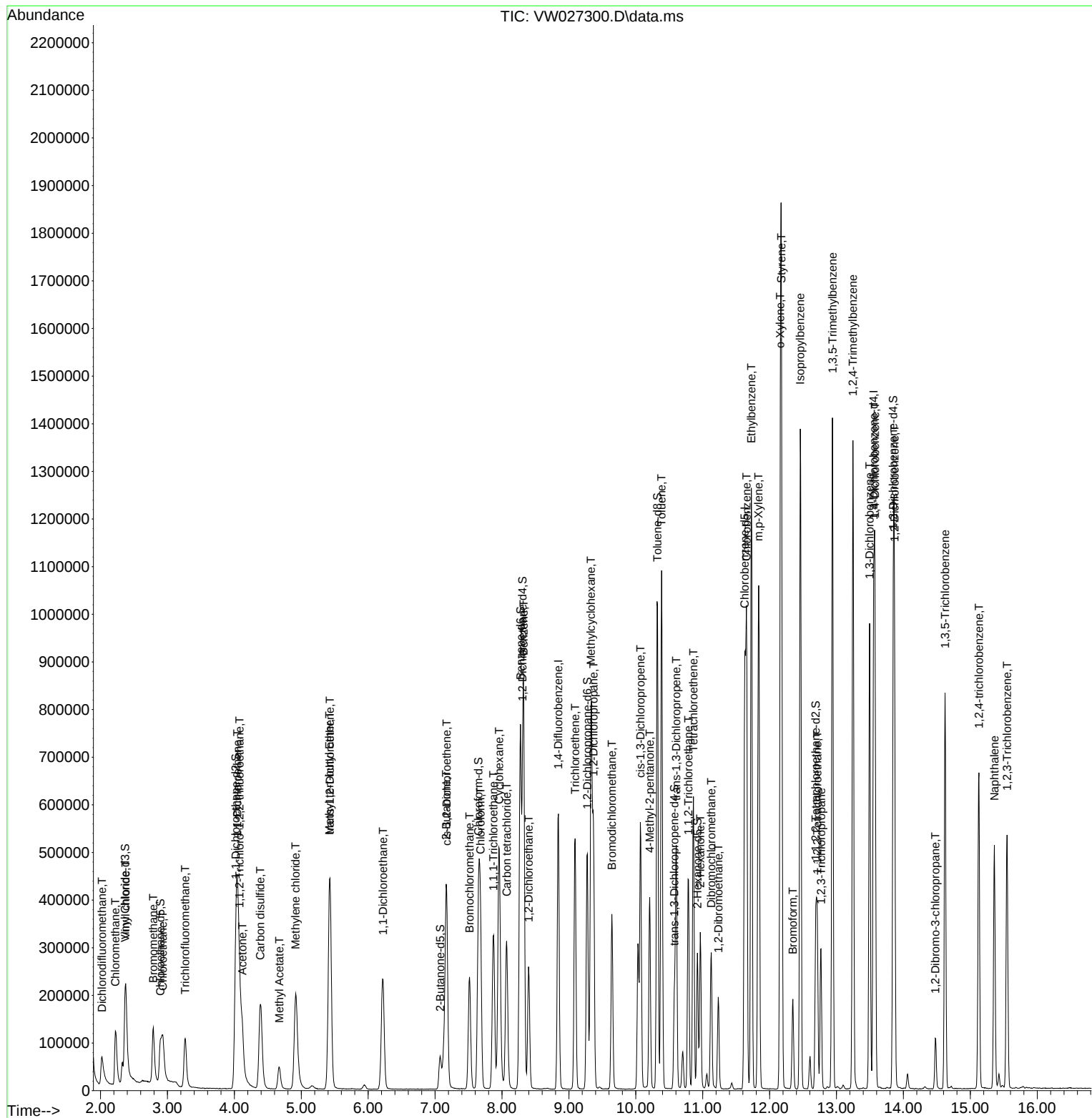
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	232051	26.359	ug/L	99
29) Cyclohexane	7.959	56	326513	24.364	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	278410	25.858	ug/L	99
31) Carbon tetrachloride	8.069	117	245353	25.272	ug/L	97
33) Benzene	8.325	78	727934	25.235	ug/L	100
34) Trichloroethene	9.093	95	192767	25.299	ug/L	96
35) Methylcyclohexane	9.331	83	333794	24.497	ug/L	99
37) 1,2-Dichloropropane	9.367	63	199538	25.583	ug/L	99
38) Bromodichloromethane	9.642	83	244936	25.539	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	330010	25.614	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	275723	51.403	ug/L	100
42) Toluene	10.386	91	773222	25.552	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	275881	25.377	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	141649	26.392	ug/L	97
46) Tetrachloroethene	10.861	164	122743	23.329	ug/L	94
48) 2-Hexanone	10.965	43	206652	52.053	ug/L	98
49) Dibromochloromethane	11.129	129	149669	25.110	ug/L	96
50) 1,2-Dibromoethane	11.233	107	131446	25.260	ug/L	97
51) Chlorobenzene	11.654	112	484535	25.570	ug/L	99
52) Ethylbenzene	11.727	91	892469	25.380	ug/L	94
53) m,p-Xylene	11.837	106	334062	25.047	ug/L	97
54) o-Xylene	12.160	106	318215	24.915	ug/L	91
55) Styrene	12.178	104	546770	25.067	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	169302	25.840	ug/L	97
59) Bromoform	12.349	173	85311	26.489	ug/L	96
60) Isopropylbenzene	12.458	105	892989	26.264	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	126257	26.716	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	749702	26.434	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	730459	26.323	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	367337	26.642	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	351925	25.558	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	316595	25.876	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	30280	25.637	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	236612	26.435	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	201660	26.471	ug/L	99
71) Naphthalene	15.360	128	413497	26.394	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	163024	26.024	ug/L	95

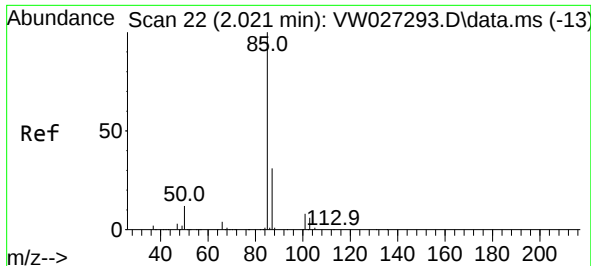
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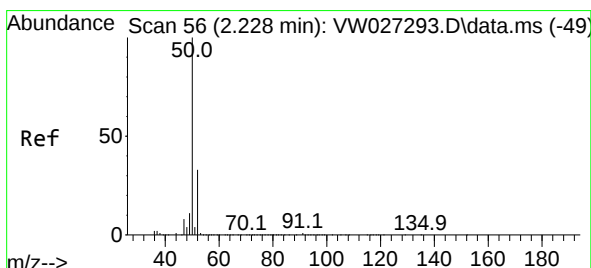
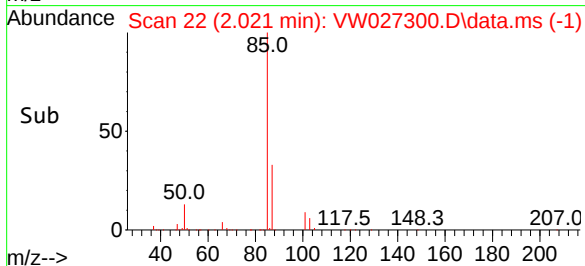
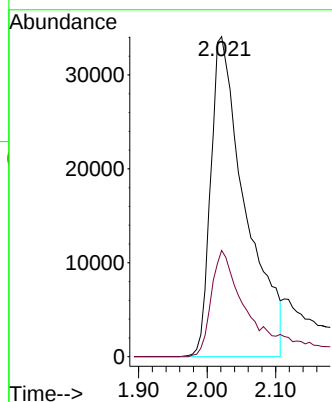
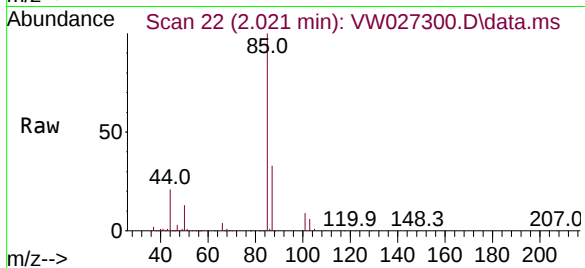




#2
 Dichlorodifluoromethane
 Concen: 20.846 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027300.D
 Acq: 13 Oct 2023 11:07

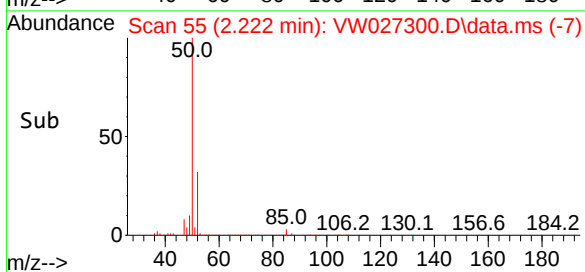
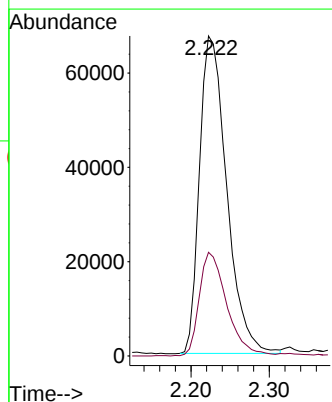
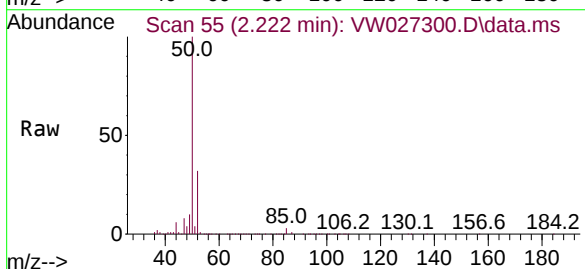
Instrument :
 MSVOA_W
 ClientSampleId :

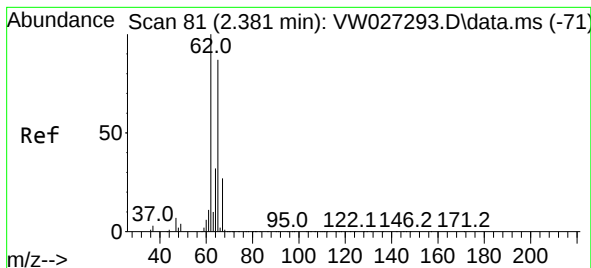
Tgt Ion: 85 Resp: 119445
 Ion Ratio Lower Upper
 85 100
 87 28.5 18.3 27.5#



#3
 Chloromethane
 Concen: 24.713 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW027300.D
 Acq: 13 Oct 2023 11:07

Tgt Ion: 50 Resp: 162734
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.7 42.3





#5

Vinyl chloride

Concen: 24.030 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.006 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

Instrument :

MSVOA_W

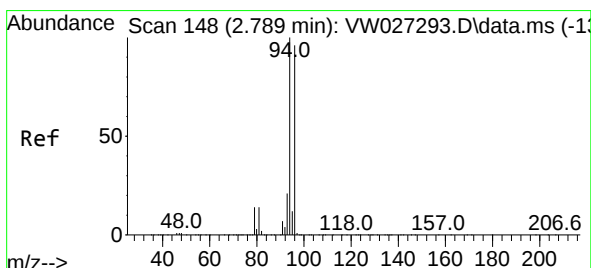
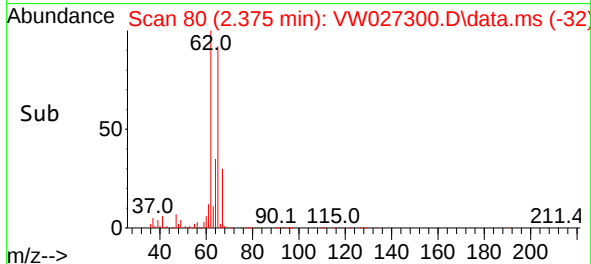
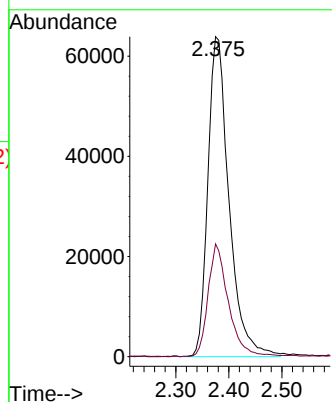
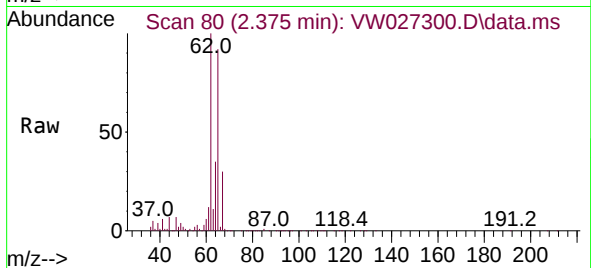
ClientSampleId :

Tgt Ion: 62 Resp: 176755

Ion Ratio Lower Upper

62 100

64 35.3 23.8 44.2



#6

Bromomethane

Concen: 24.519 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW027300.D

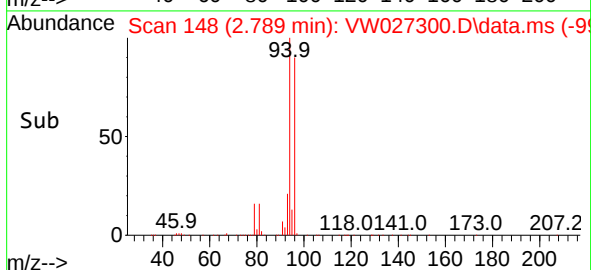
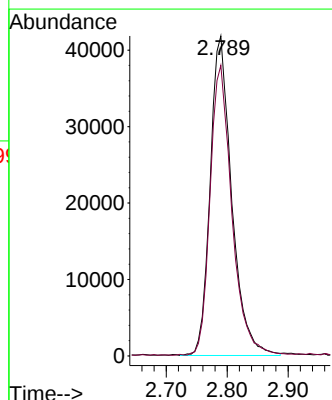
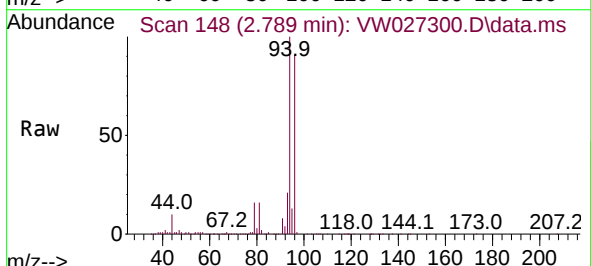
Acq: 13 Oct 2023 11:07

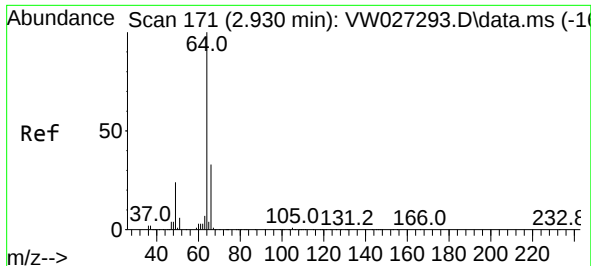
Tgt Ion: 94 Resp: 102723

Ion Ratio Lower Upper

94 100

96 90.8 62.9 116.9

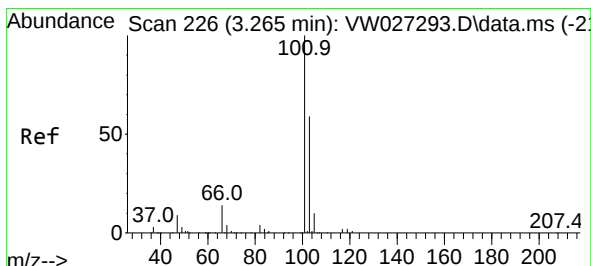
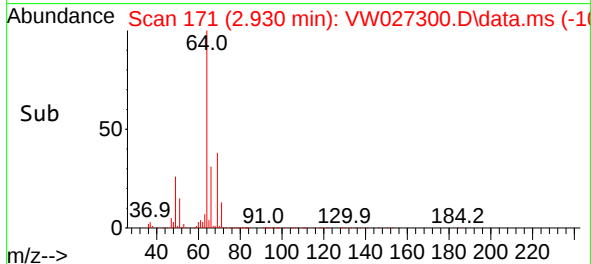
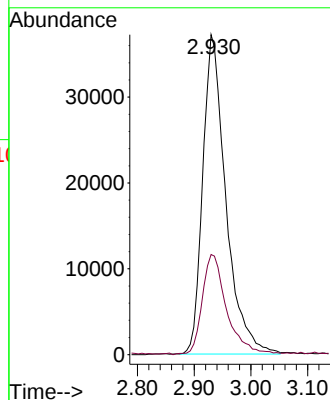
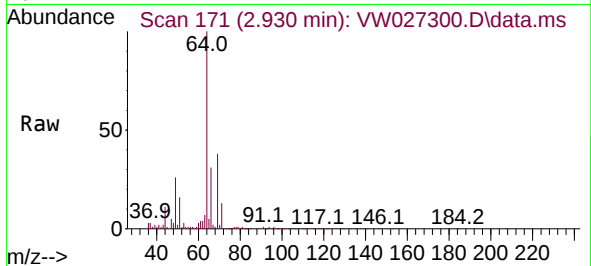




#8
Chloroethane
Concen: 24.843 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

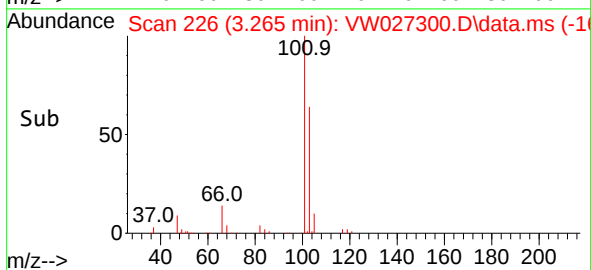
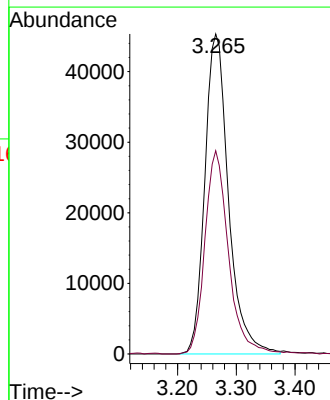
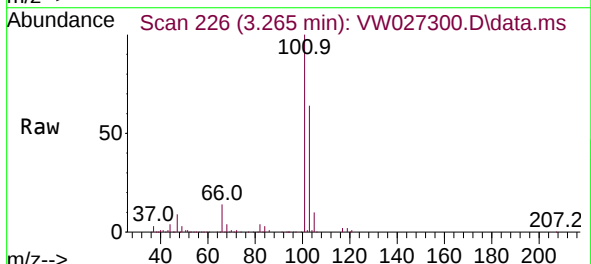
Instrument :
MSVOA_W
ClientSampleId :

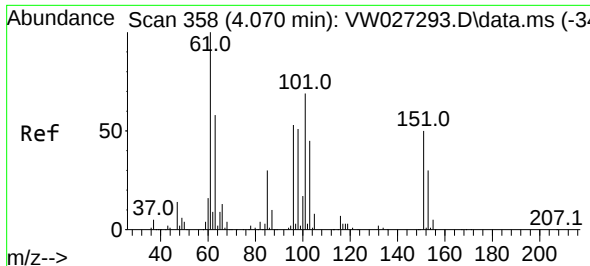
Tgt Ion: 64 Resp: 105185
Ion Ratio Lower Upper
64 100
66 31.3 21.7 40.3



#9
Trichlorofluoromethane
Concen: 24.436 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

Tgt Ion:101 Resp: 126808
Ion Ratio Lower Upper
101 100
103 63.4 51.6 77.4





#10

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

Concen: 25.483 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

Instrument :

MSVOA_W

ClientSampleId :

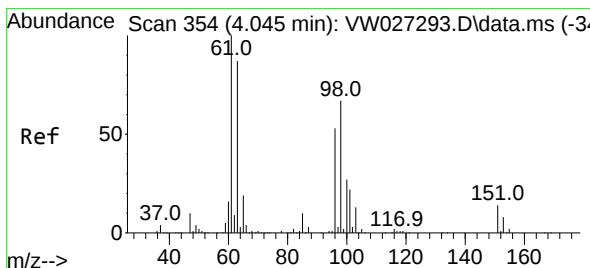
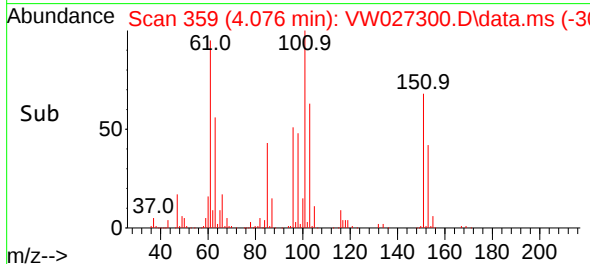
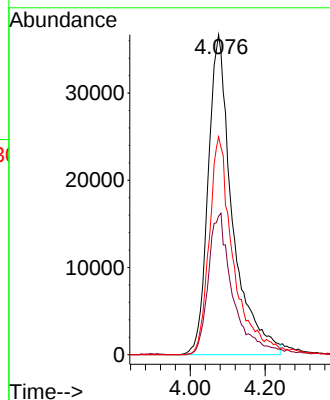
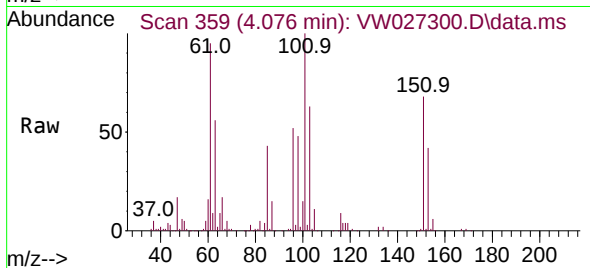
Tgt Ion:101 Resp: 165589

Ion Ratio Lower Upper

101 100

85 40.2 34.1 51.1

151 65.3 49.5 74.3



#12

1,1-Dichloroethene

Concen: 25.419 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

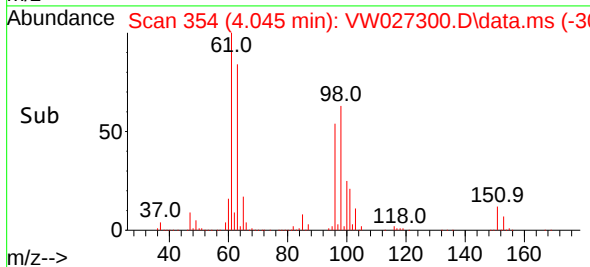
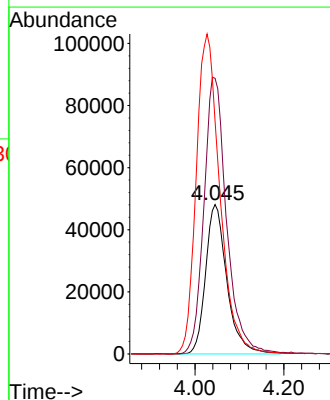
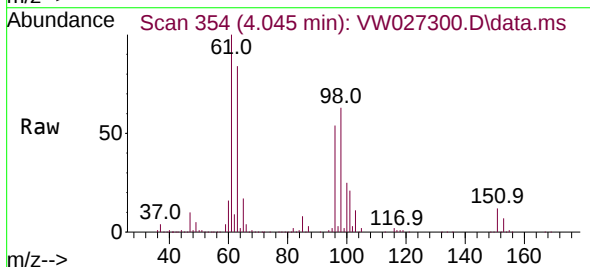
Tgt Ion: 96 Resp: 160516

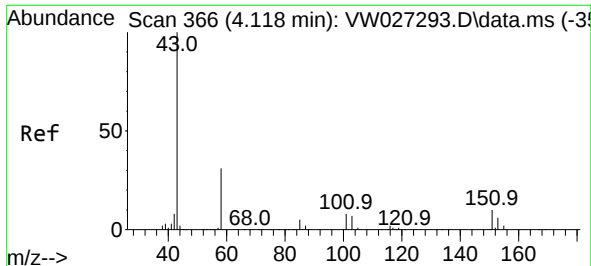
Ion Ratio Lower Upper

96 100

61 184.4 133.3 247.5

63 155.6 115.8 215.2





#13

Acetone

Concen: 56.143 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.000 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

Instrument :

MSVOA_W

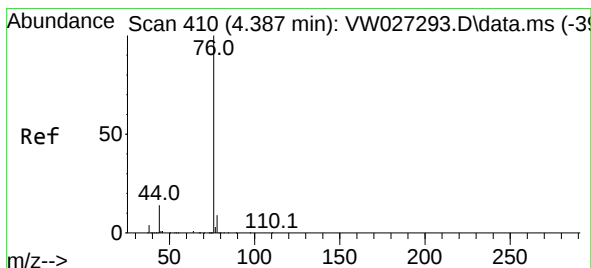
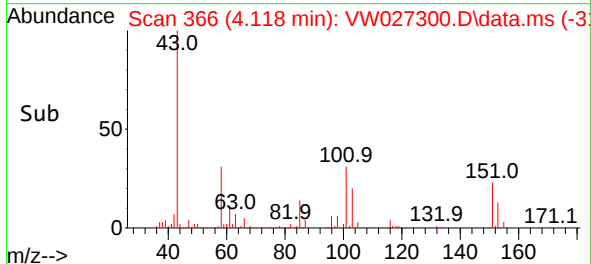
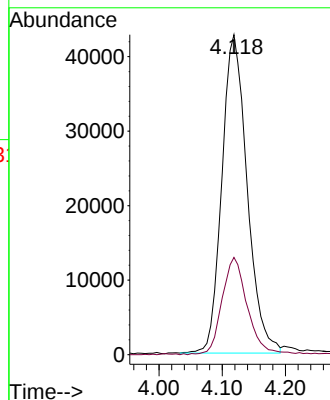
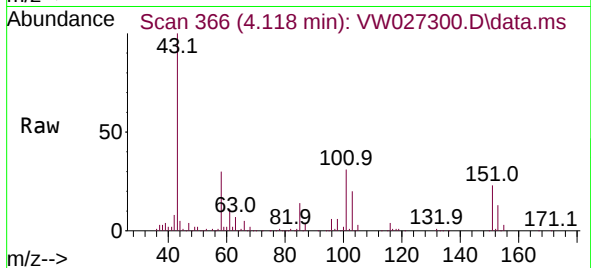
ClientSampleId :

Tgt Ion: 43 Resp: 118457

Ion Ratio Lower Upper

43 100

58 30.1 0.0 60.8



#14

Carbon disulfide

Concen: 23.386 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW027300.D

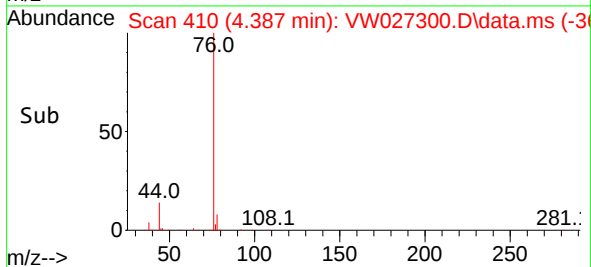
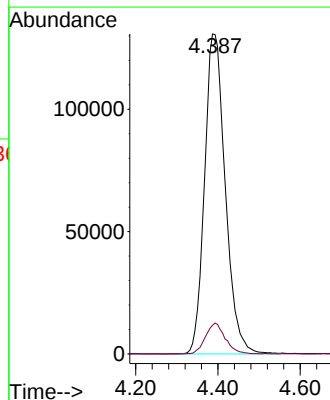
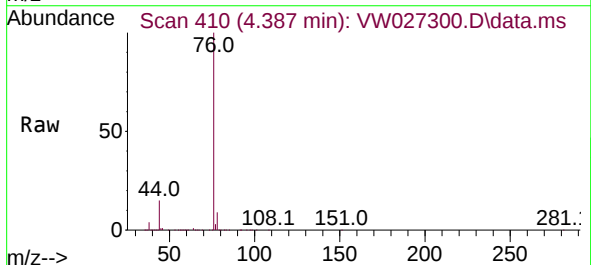
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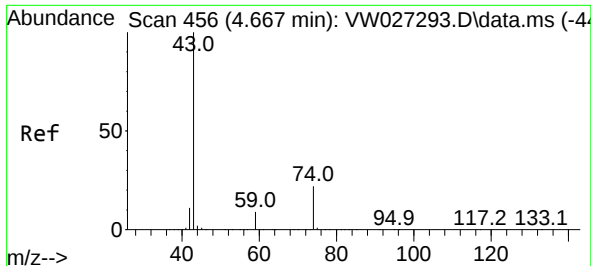
Tgt Ion: 76 Resp: 457817

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8

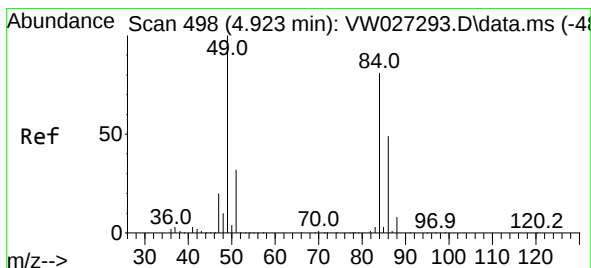
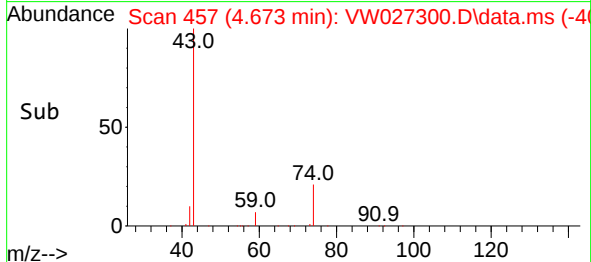
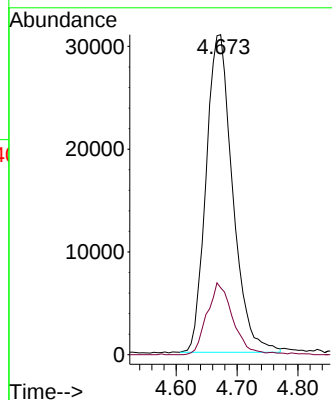
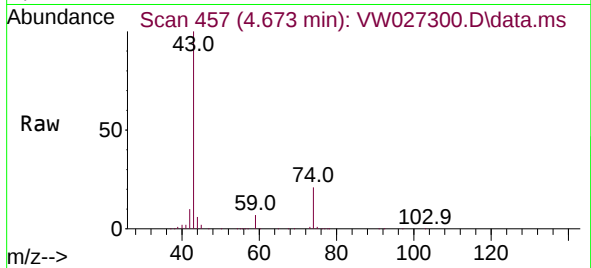




#15
Methyl Acetate
Concen: 25.980 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

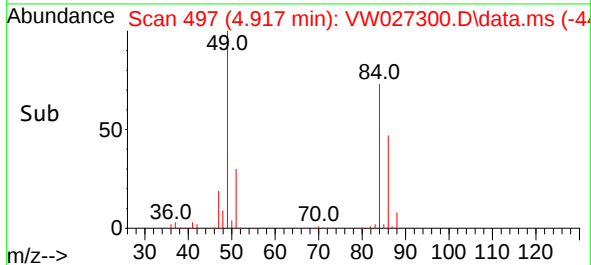
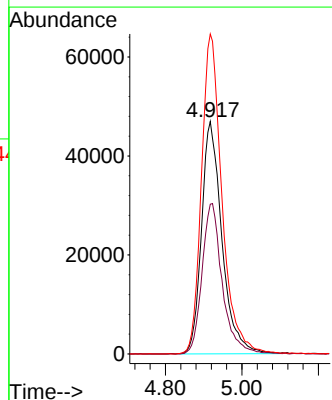
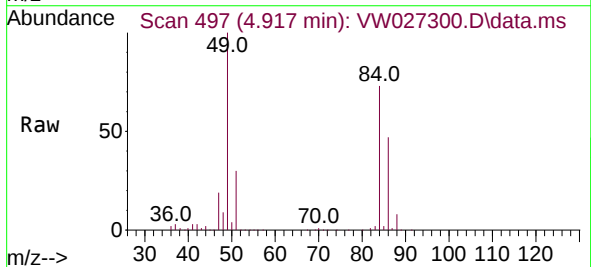
Instrument :
MSVOA_W
ClientSampleId :

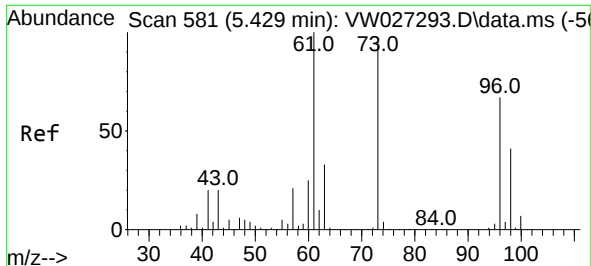
Tgt Ion: 43 Resp: 93623
Ion Ratio Lower Upper
43 100
74 21.7 17.5 26.3



#16
Methylene chloride
Concen: 19.720 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

Tgt Ion: 84 Resp: 173837
Ion Ratio Lower Upper
84 100
86 64.4 41.3 76.7
49 137.6 92.8 172.4





#17

trans-1,2-Dichloroethene

Concen: 25.145 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

Instrument :

MSVOA_W

ClientSampleId :

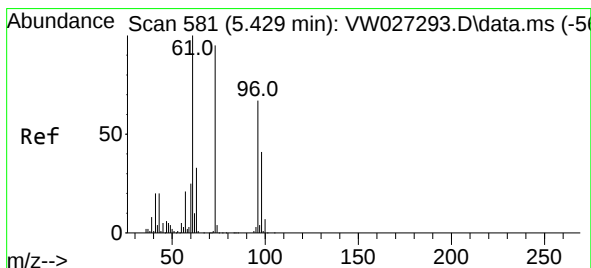
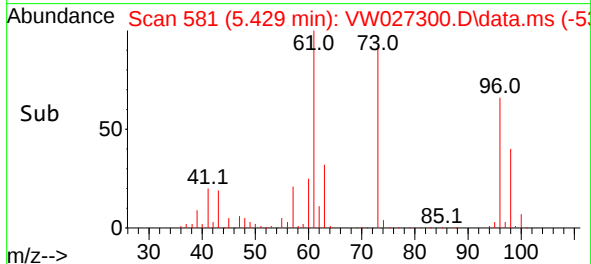
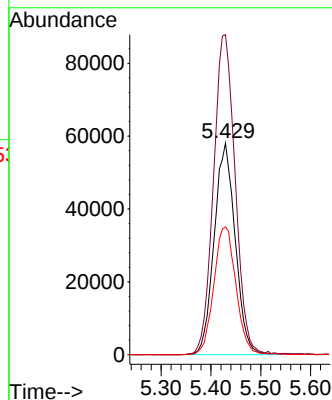
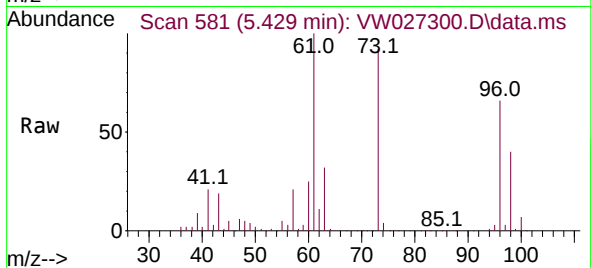
Tgt Ion: 96 Resp: 170650

Ion Ratio Lower Upper

96 100

61 151.2 105.6 196.0

98 60.3 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 24.911 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

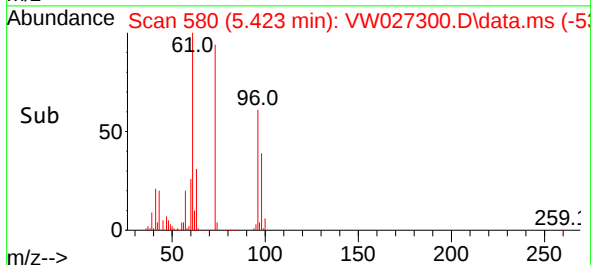
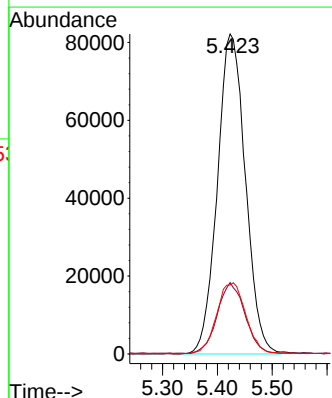
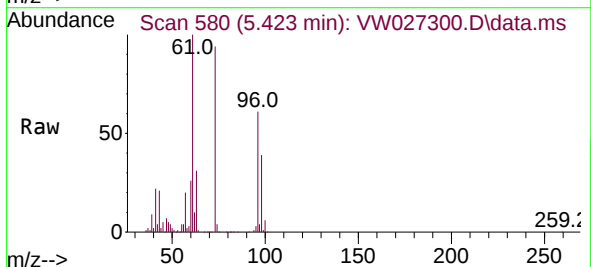
Tgt Ion: 73 Resp: 291689

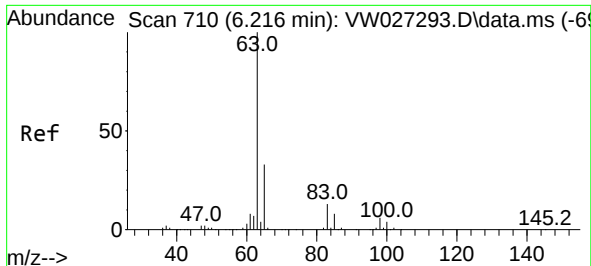
Ion Ratio Lower Upper

73 100

43 21.8 17.7 26.5

57 23.2 18.5 27.7

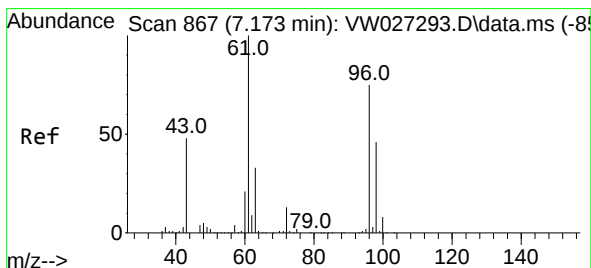
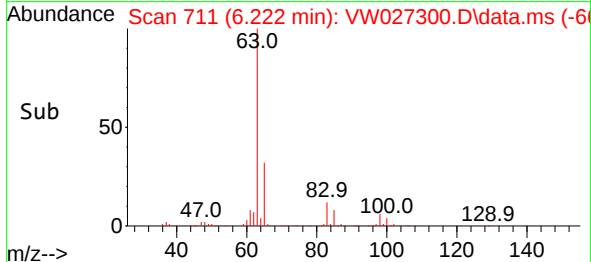
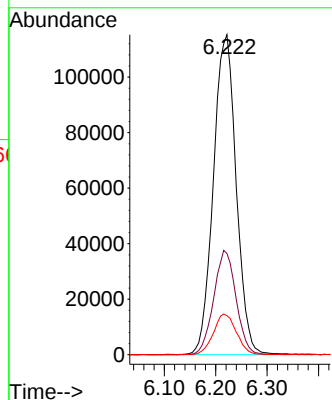
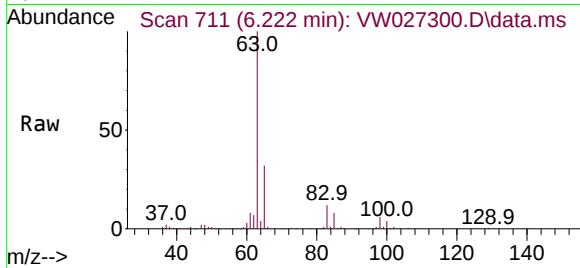




#19
1,1-Dichloroethane
Concen: 25.621 ug/L
RT: 6.222 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

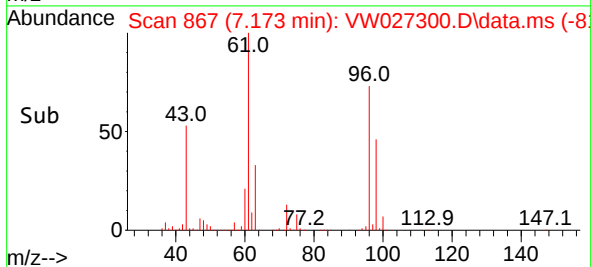
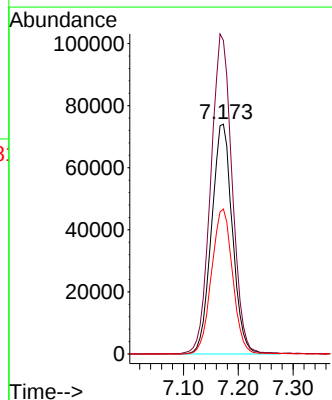
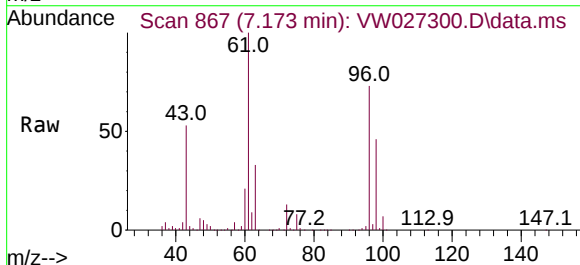
Instrument :
MSVOA_W
ClientSampleId :

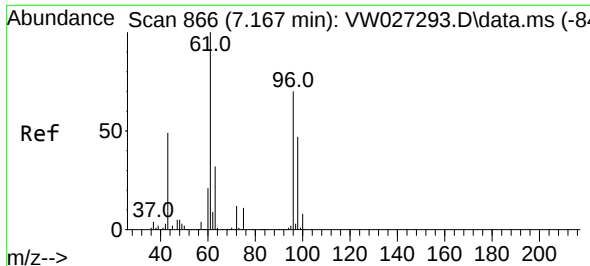
Tgt Ion: 63 Resp: 354765
Ion Ratio Lower Upper
63 100
65 31.6 22.9 42.5
83 12.2 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 25.554 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

Tgt Ion: 96 Resp: 195858
Ion Ratio Lower Upper
96 100
61 136.4 96.2 178.8
98 63.1 46.0 85.4

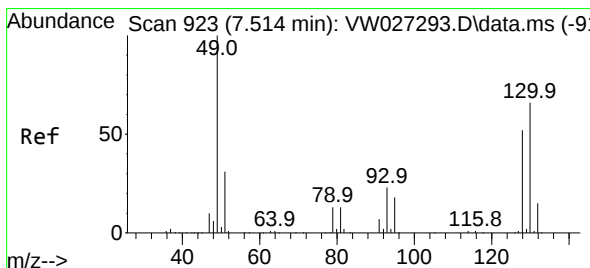
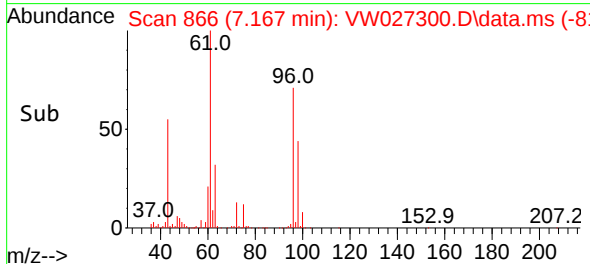
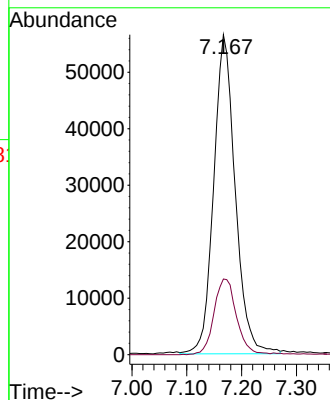
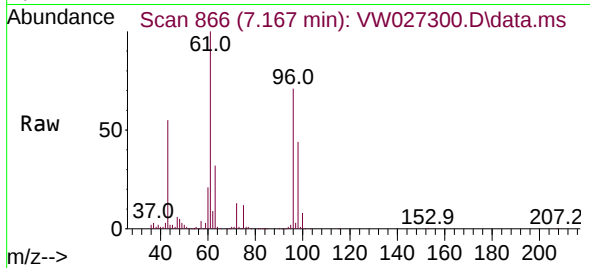




#22
2-Butanone
Concen: 48.813 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

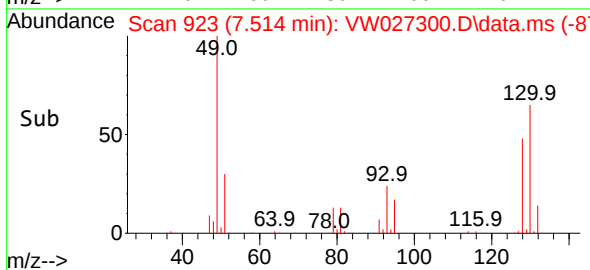
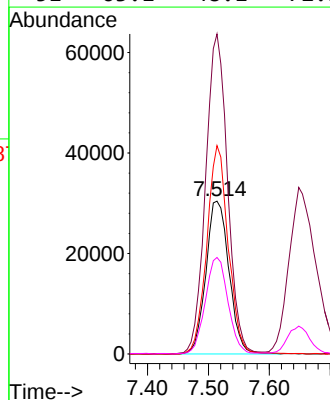
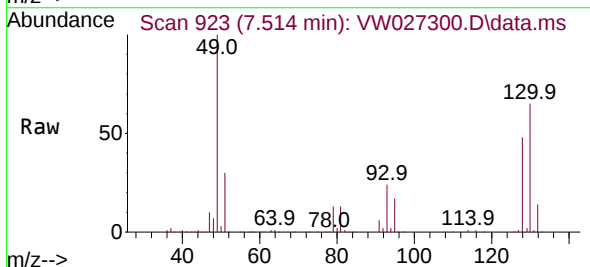
Instrument :
MSVOA_W
ClientSampleId :

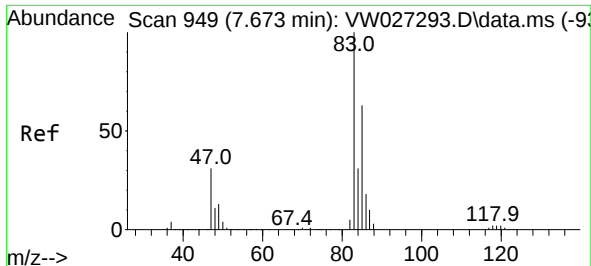
Tgt Ion: 43 Resp: 154156
Ion Ratio Lower Upper
43 100
72 24.7 12.3 36.8



#23
Bromochloromethane
Concen: 25.296 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

Tgt Ion: 128 Resp: 80044
Ion Ratio Lower Upper
128 100
49 209.3 128.9 239.5
130 136.3 85.0 157.8
51 63.1 48.1 72.1

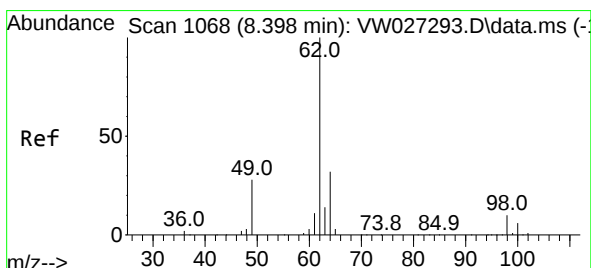
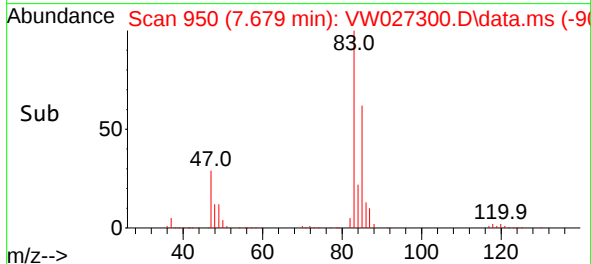
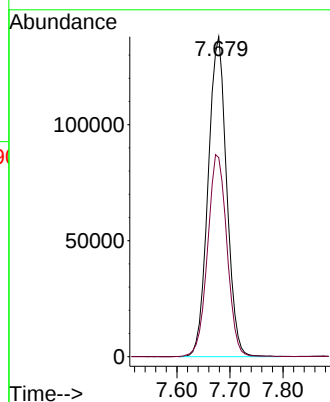
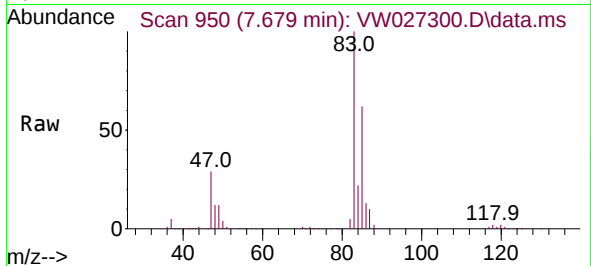




#25
Chloroform
Concen: 25.828 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

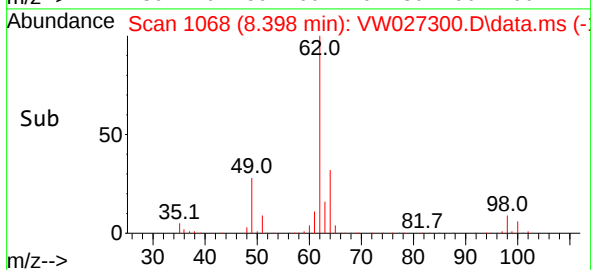
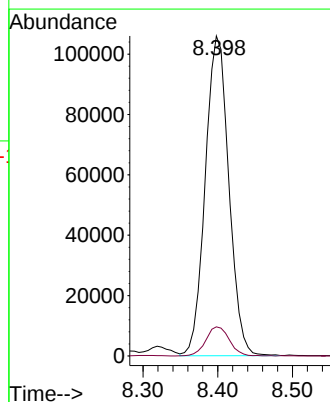
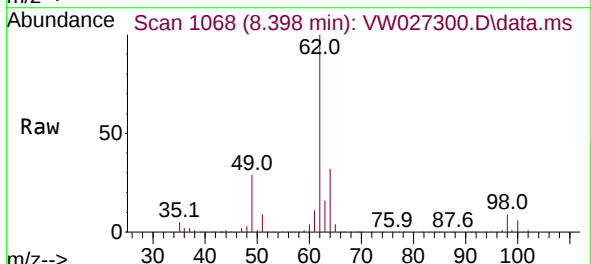
Instrument :
MSVOA_W
ClientSampleId :

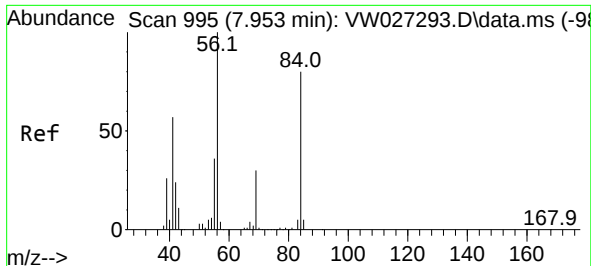
Tgt Ion: 83 Resp: 334727
Ion Ratio Lower Upper
83 100
85 62.2 44.1 81.9



#27
1,2-Dichloroethane
Concen: 26.359 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

Tgt Ion: 62 Resp: 232051
Ion Ratio Lower Upper
62 100
98 9.1 7.5 11.3





#29

Cyclohexane

Concen: 24.364 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

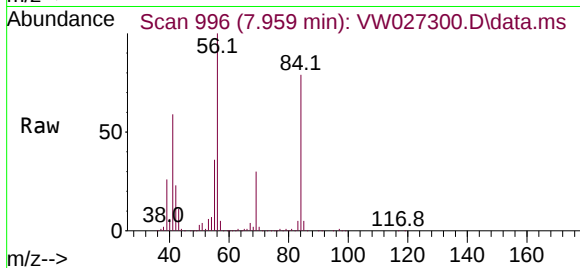
Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

Instrument :

MSVOA_W

ClientSampleId :



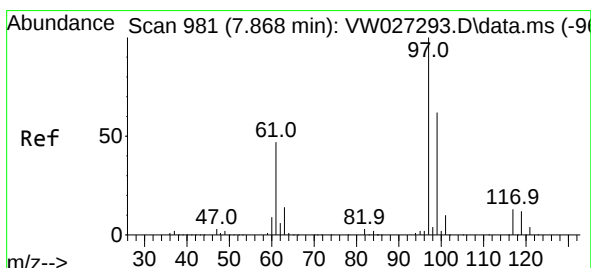
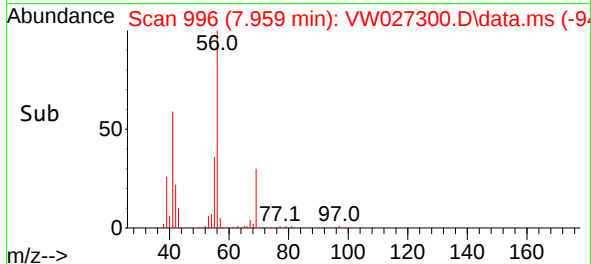
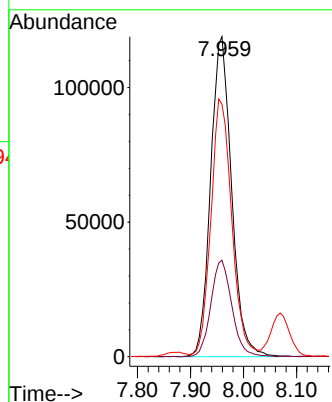
Tgt Ion: 56 Resp: 326513

Ion Ratio Lower Upper

56 100

69 30.2 24.2 36.4

84 80.5 65.1 97.7



#30

1,1,1-Trichloroethane

Concen: 25.858 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

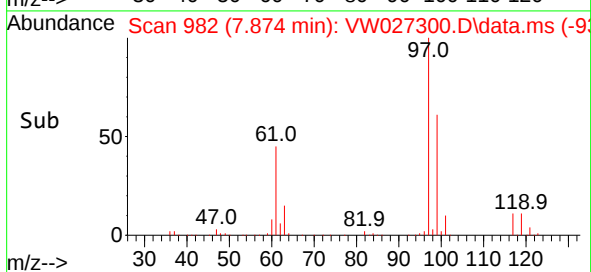
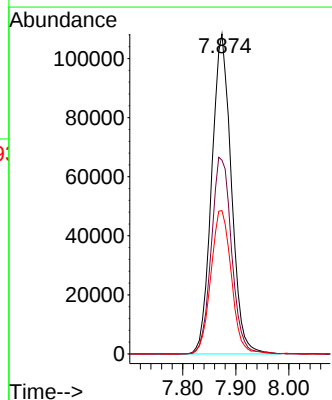
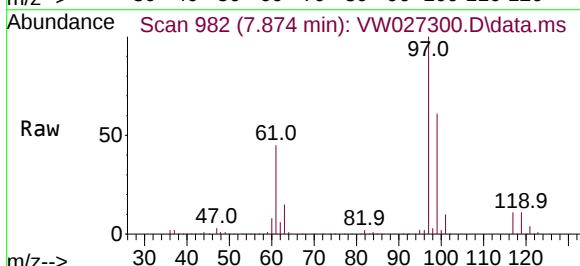
Tgt Ion: 97 Resp: 278410

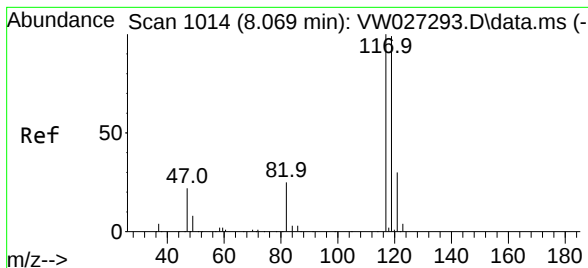
Ion Ratio Lower Upper

97 100

99 63.6 51.4 77.0

61 46.3 37.4 56.0





#31

Carbon tetrachloride

Concen: 25.272 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

Instrument :

MSVOA_W

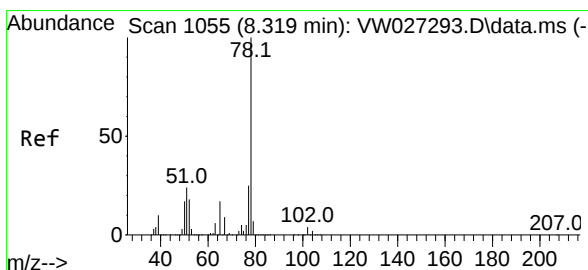
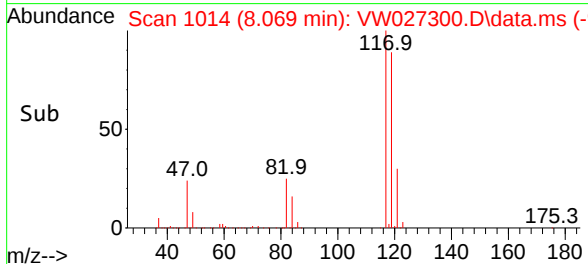
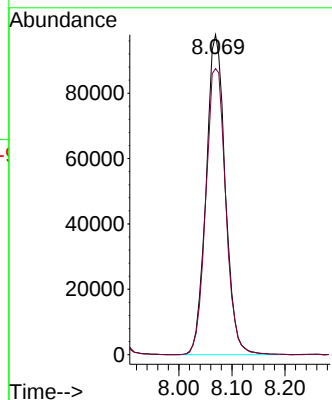
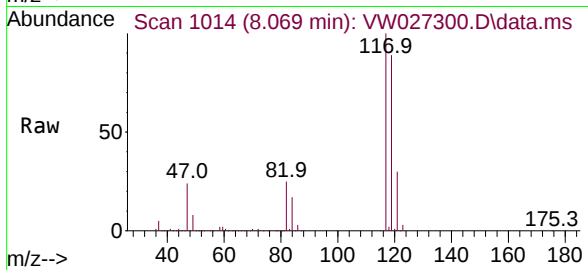
ClientSampleId :

Tgt Ion:117 Resp: 245353

Ion Ratio Lower Upper

117 100

119 93.2 77.1 115.7



#33

Benzene

Concen: 25.235 ug/L

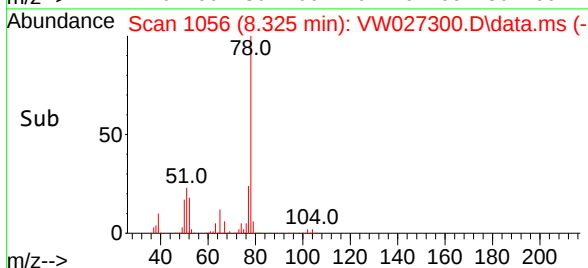
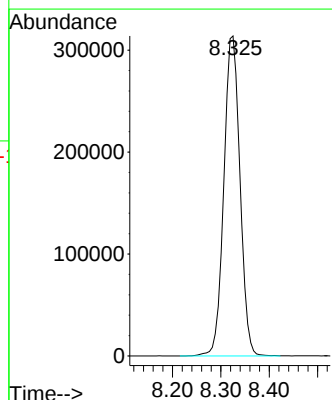
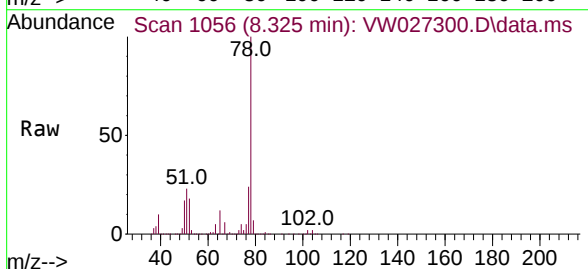
RT: 8.325 min Scan# 1056

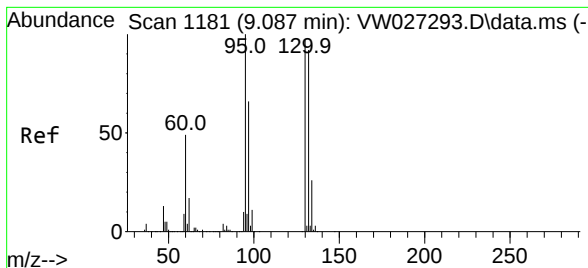
Delta R.T. 0.006 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

Tgt Ion: 78 Resp: 727934





#34

Trichloroethene

Concen: 25.299 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

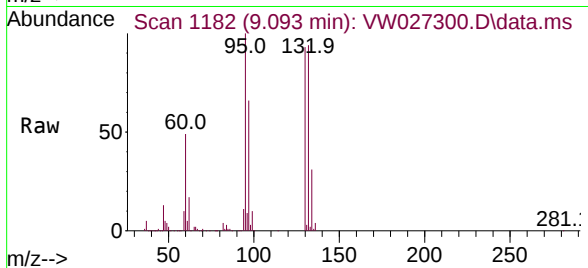
Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 192767

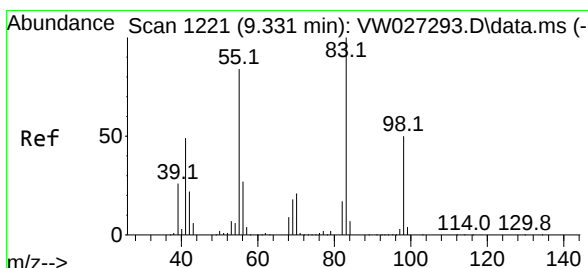
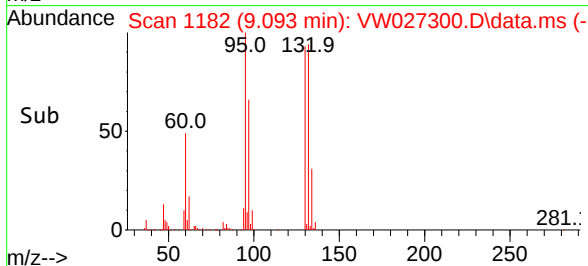
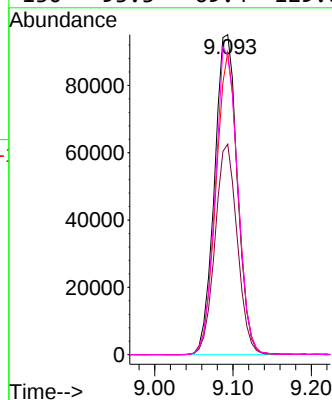
Ion Ratio Lower Upper

95 100

97 65.8 43.4 80.6

132 94.4 67.6 125.6

130 93.3 69.4 129.0



#35

Methylcyclohexane

Concen: 24.497 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

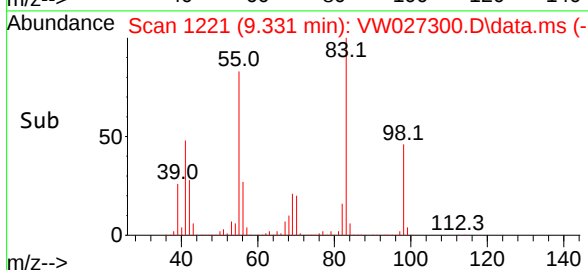
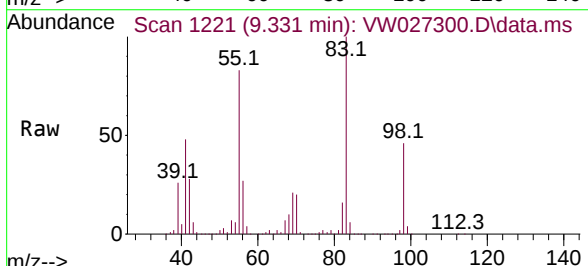
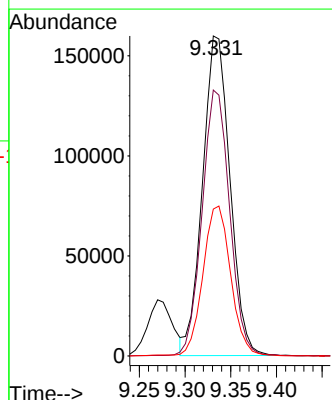
Tgt Ion: 83 Resp: 333794

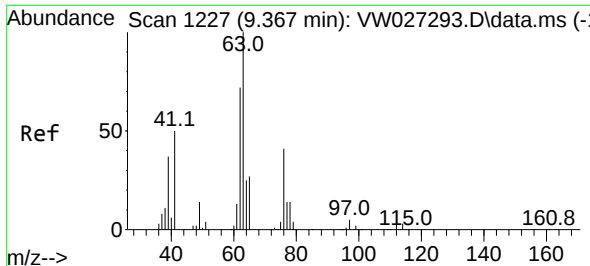
Ion Ratio Lower Upper

83 100

55 83.6 65.8 98.8

98 47.5 38.1 57.1

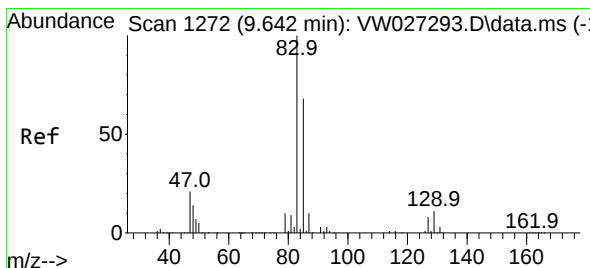
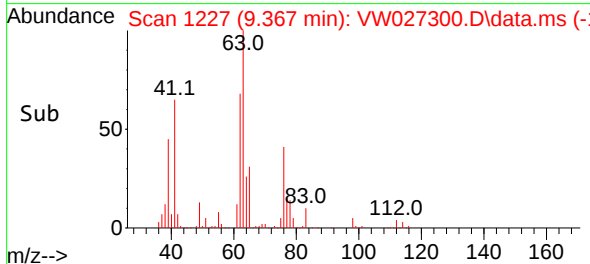
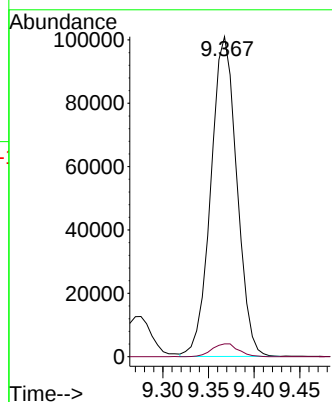
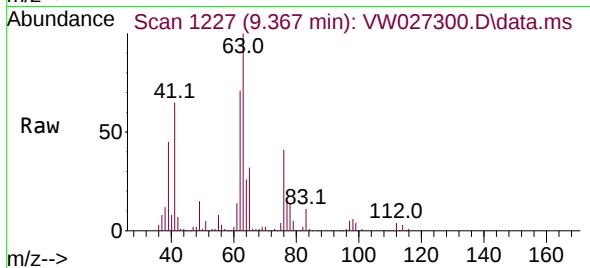




#37
1,2-Dichloropropane
Concen: 25.583 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

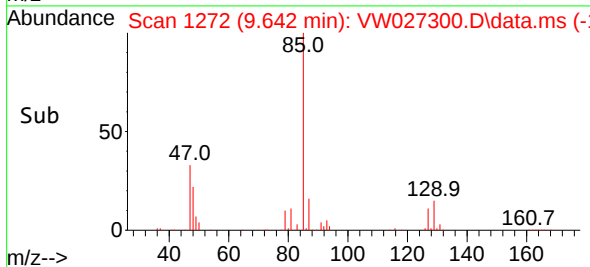
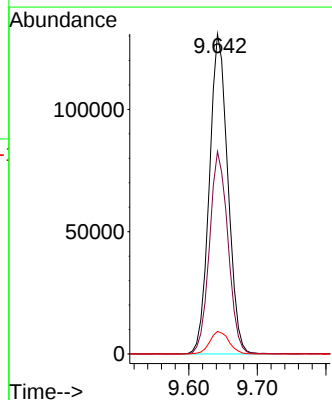
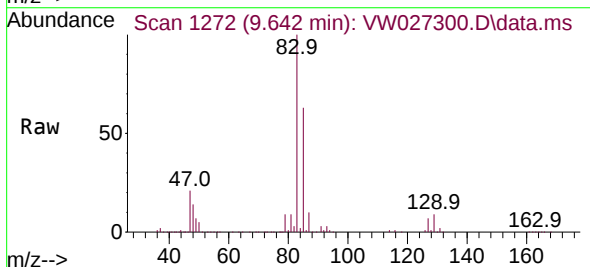
Instrument :
MSVOA_W
ClientSampleId :

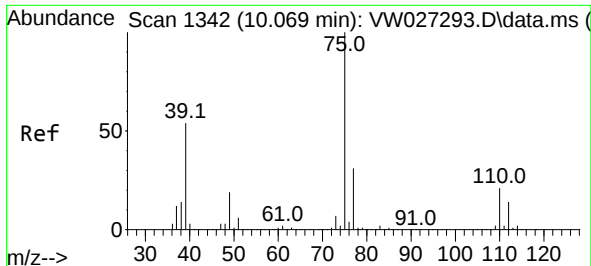
Tgt Ion: 63 Resp: 199538
Ion Ratio Lower Upper
63 100
112 4.1 3.5 5.3



#38
Bromodichloromethane
Concen: 25.539 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

Tgt Ion: 83 Resp: 244936
Ion Ratio Lower Upper
83 100
85 63.2 43.9 81.5
127 7.1 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 25.614 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

Instrument :

MSVOA_W

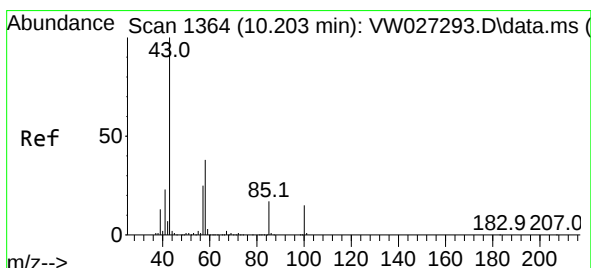
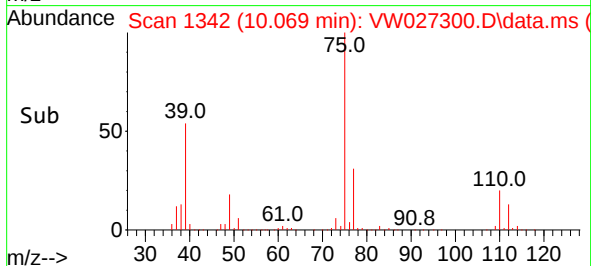
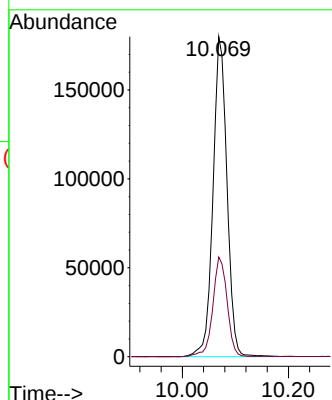
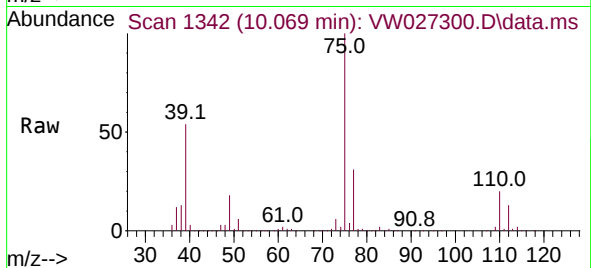
ClientSampleId :

Tgt Ion: 75 Resp: 330010

Ion Ratio Lower Upper

75 100

77 31.2 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 51.403 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

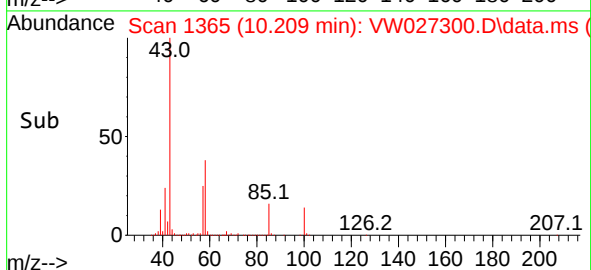
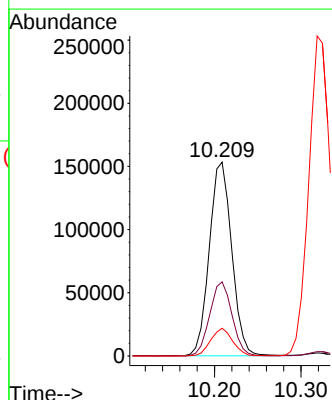
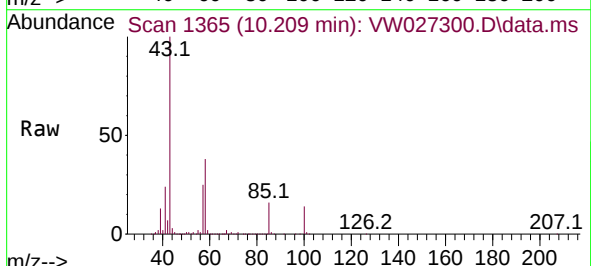
Tgt Ion: 43 Resp: 275723

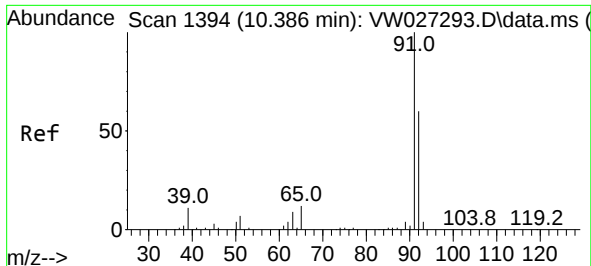
Ion Ratio Lower Upper

43 100

58 38.1 30.5 45.7

100 14.0 11.5 17.3

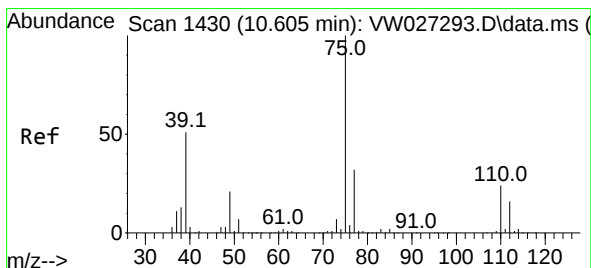
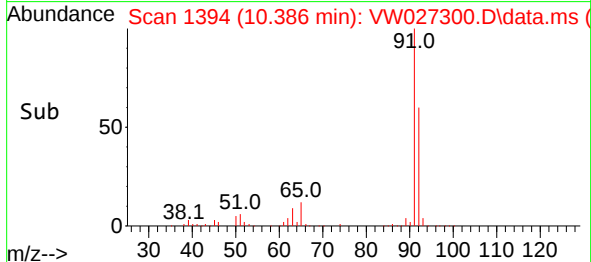
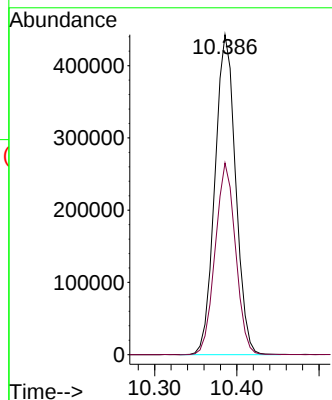
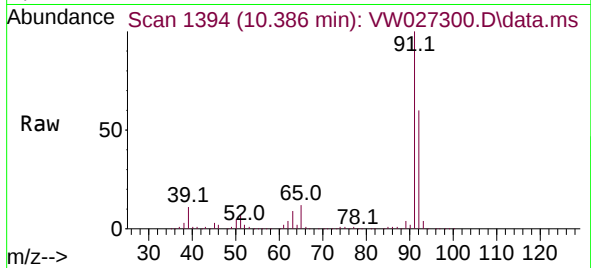




#42
Toluene
Concen: 25.552 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

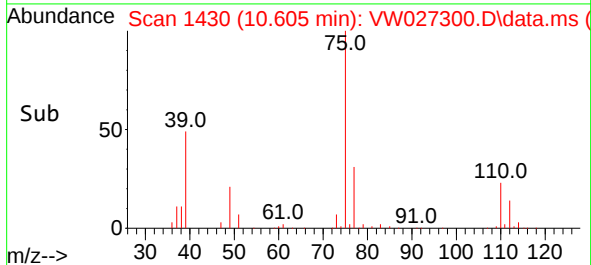
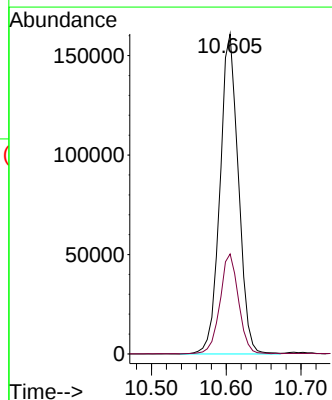
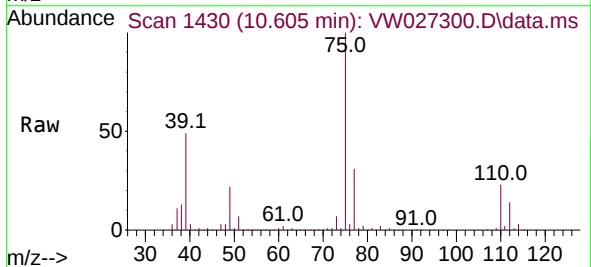
Instrument :
MSVOA_W
ClientSampleId :

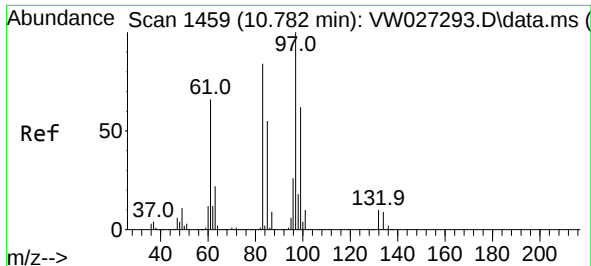
Tgt Ion: 91 Resp: 773222
Ion Ratio Lower Upper
91 100
92 59.9 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 25.377 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

Tgt Ion: 75 Resp: 275881
Ion Ratio Lower Upper
75 100
77 31.2 22.0 41.0

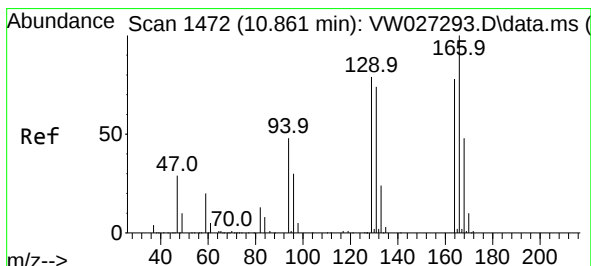
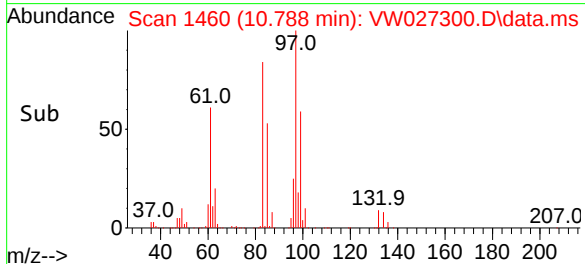
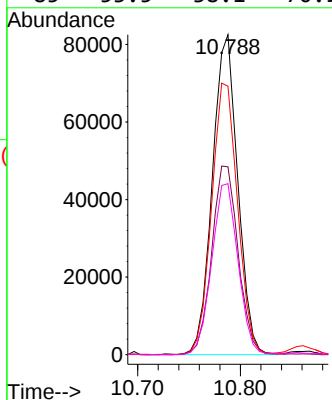
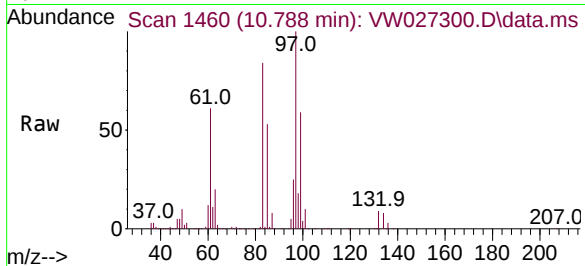




#45
1,1,2-Trichloroethane
Concen: 26.392 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

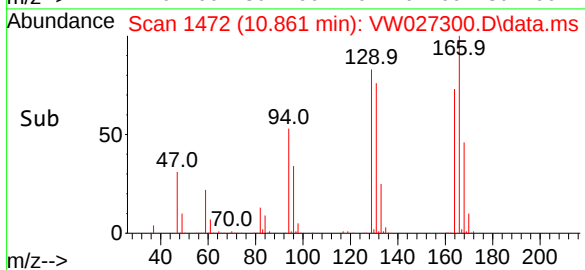
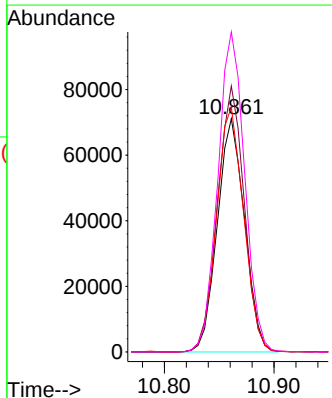
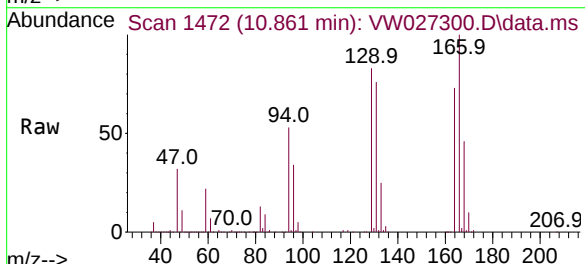
Instrument :
MSVOA_W
ClientSampleId :

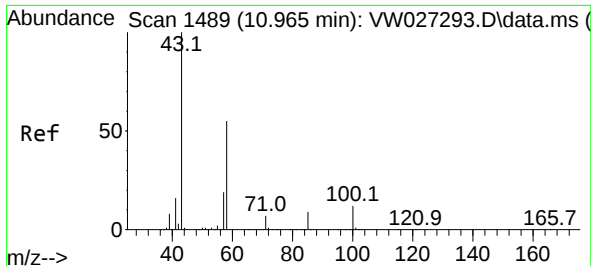
Tgt Ion:	97	Resp:	141649
Ion	Ratio	Lower	Upper
97	100		
99	58.7	43.8	81.4
83	83.9	57.5	106.7
85	53.5	38.1	70.9



#46
Tetrachloroethene
Concen: 23.329 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

Tgt Ion:	164	Resp:	122743
Ion	Ratio	Lower	Upper
164	100		
129	114.0	74.7	138.7
131	104.9	73.2	136.0
166	137.2	87.3	162.1



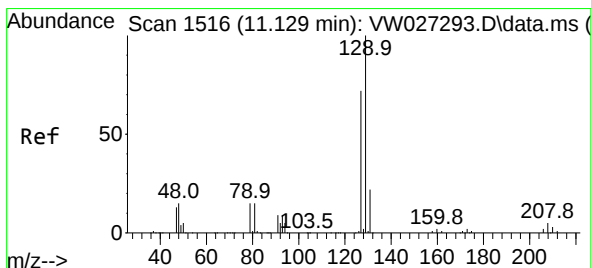
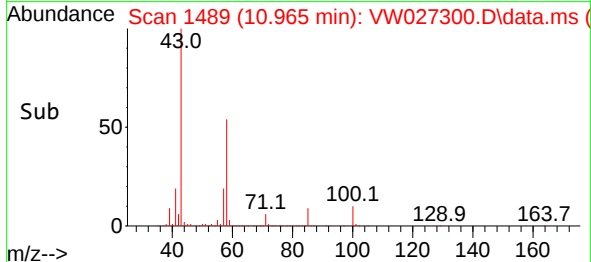
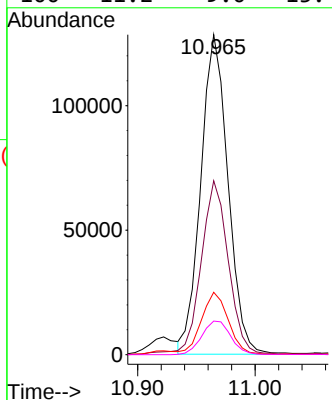
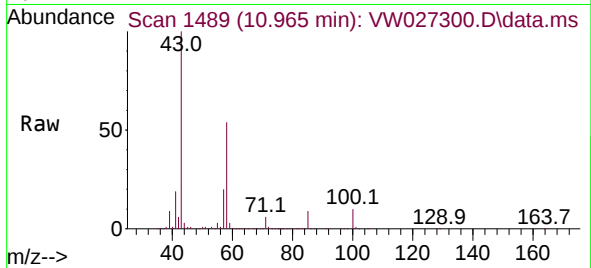


#48
2-Hexanone
Concen: 52.053 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 206652

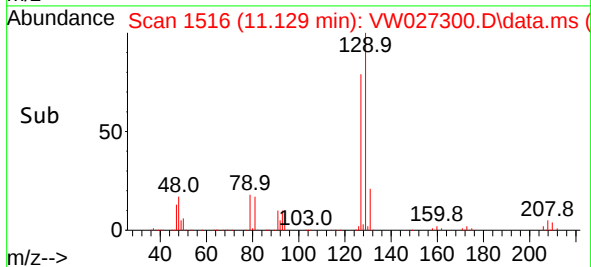
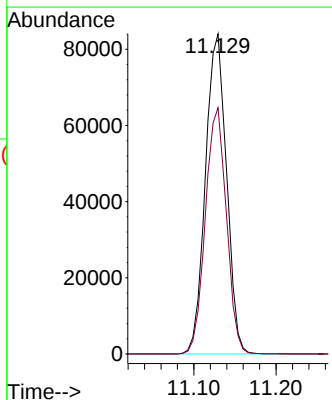
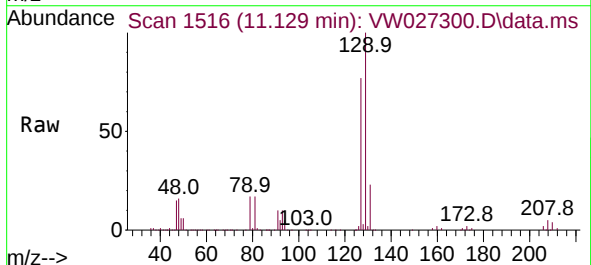
Ion	Ratio	Lower	Upper
43	100		
58	54.9	42.2	63.4
57	19.3	15.1	22.7
100	11.2	9.0	13.4

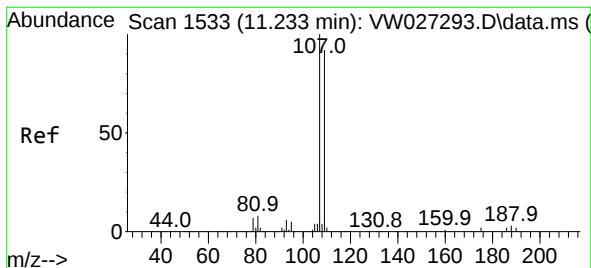


#49
Dibromochloromethane
Concen: 25.110 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

Tgt Ion: 129 Resp: 149669

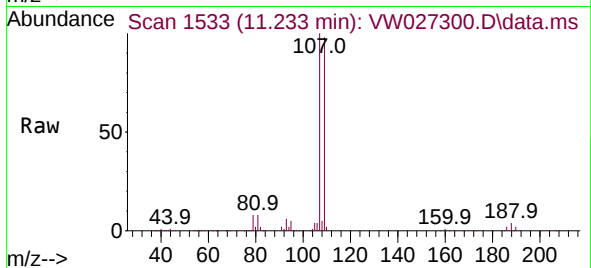
Ion	Ratio	Lower	Upper
129	100		
127	76.9	51.7	95.9



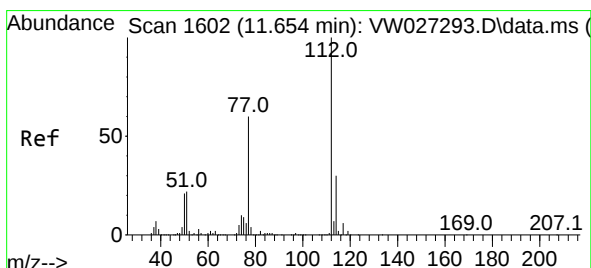
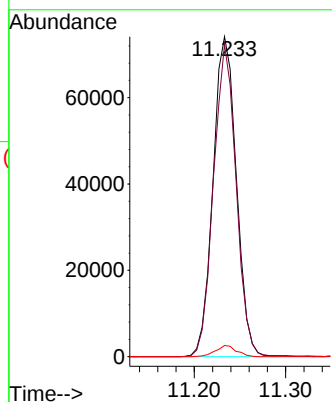
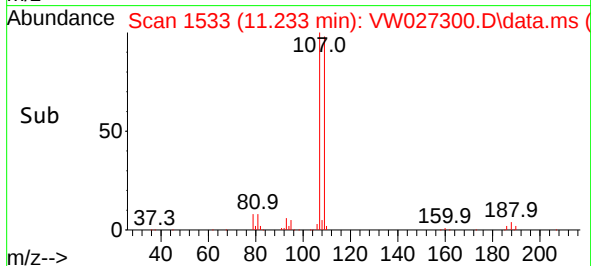


#50
1,2-Dibromoethane
Concen: 25.260 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

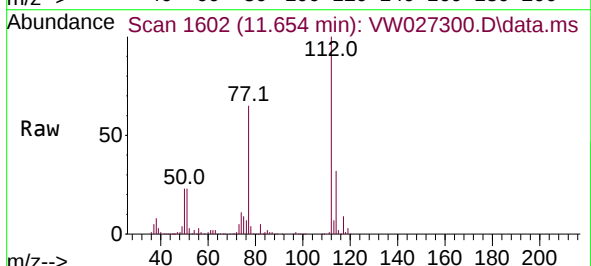
Instrument :
MSVOA_W
ClientSampleId :



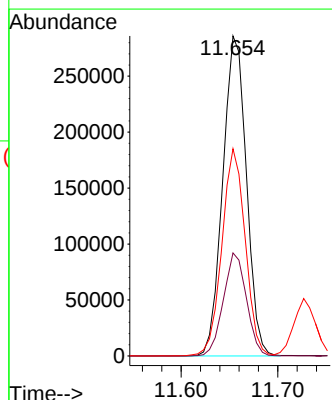
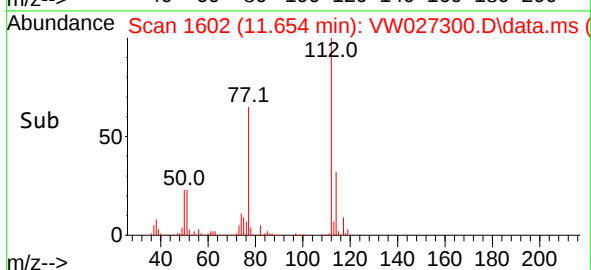
Tgt Ion:107 Resp: 131446
Ion Ratio Lower Upper
107 100
109 97.6 66.3 123.1
188 3.5 3.0 4.4

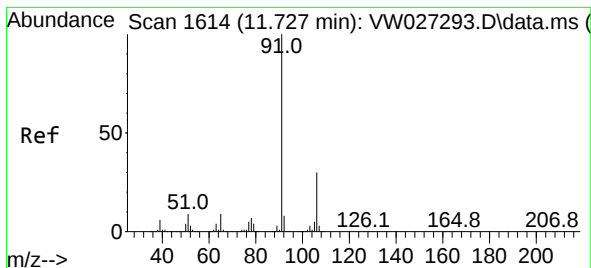


#51
Chlorobenzene
Concen: 25.570 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07



Tgt Ion:112 Resp: 484535
Ion Ratio Lower Upper
112 100
114 32.2 21.8 40.6
77 64.7 52.2 78.4

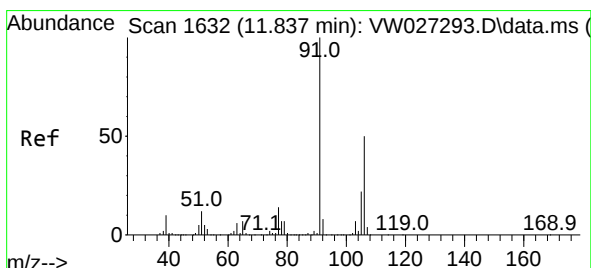
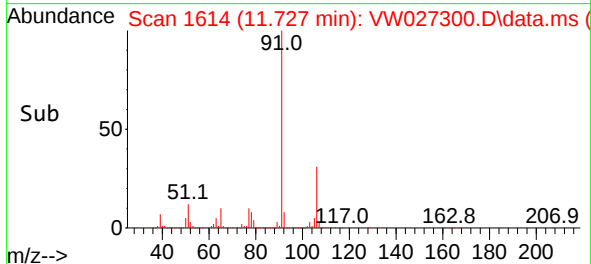
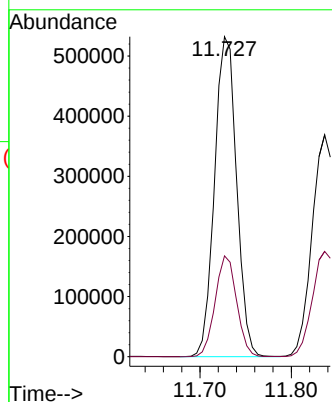
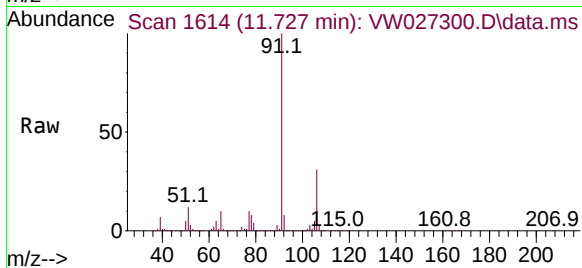




#52
Ethylbenzene
Concen: 25.380 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

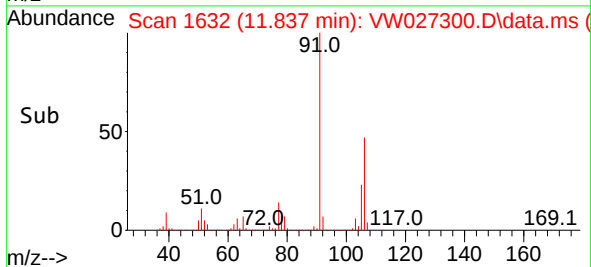
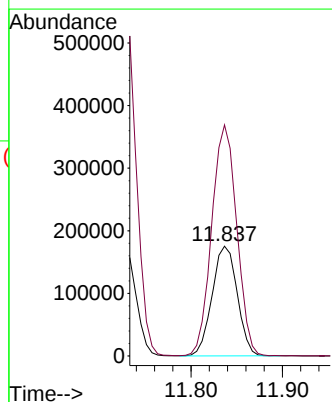
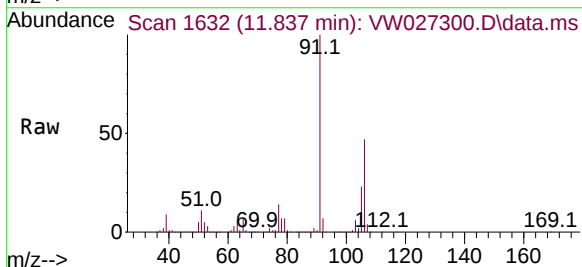
Instrument :
MSVOA_W
ClientSampleId :

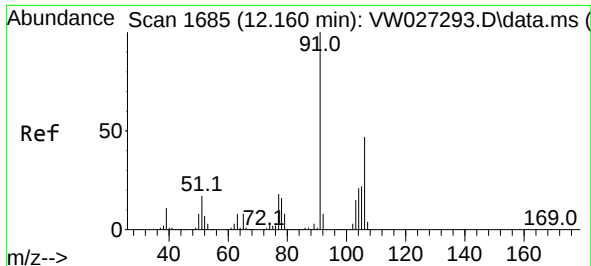
Tgt Ion: 91 Resp: 892469
Ion Ratio Lower Upper
91 100
106 31.5 19.8 36.8



#53
m,p-Xylene
Concen: 25.047 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

Tgt Ion:106 Resp: 334062
Ion Ratio Lower Upper
106 100
91 210.7 144.5 268.4

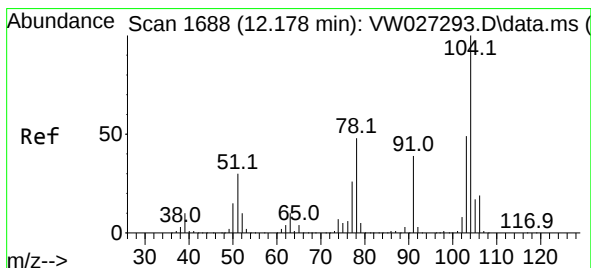
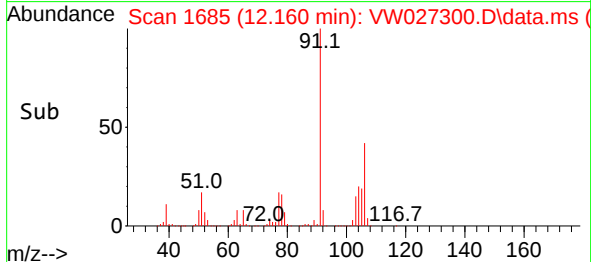
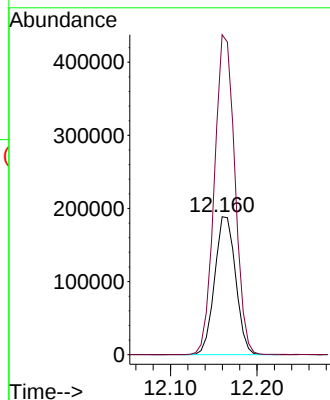
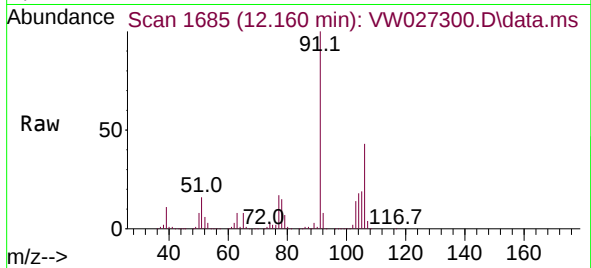




#54
o-Xylene
Concen: 24.915 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

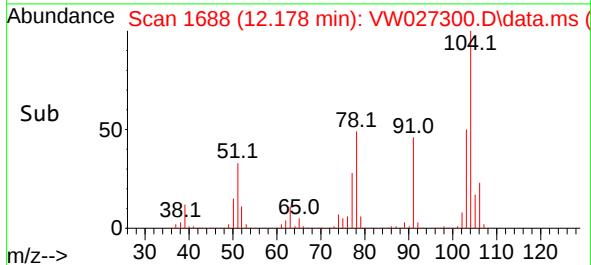
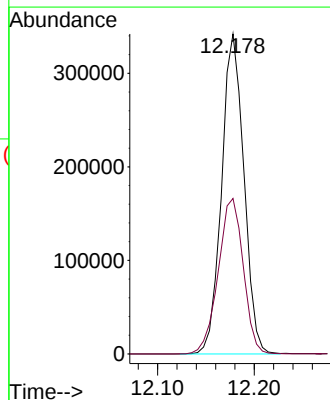
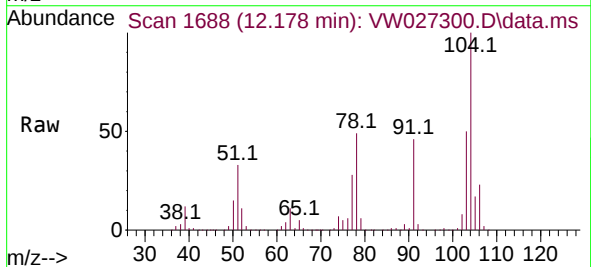
Instrument :
MSVOA_W
ClientSampleId :

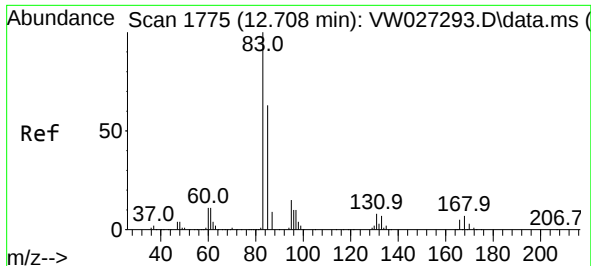
Tgt Ion:106 Resp: 318215
Ion Ratio Lower Upper
106 100
91 232.0 152.0 282.2



#55
Styrene
Concen: 25.067 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

Tgt Ion:104 Resp: 546770
Ion Ratio Lower Upper
104 100
78 48.6 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 25.840 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

Instrument :

MSVOA_W

ClientSampleId :

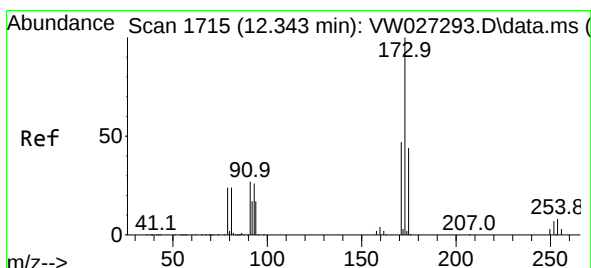
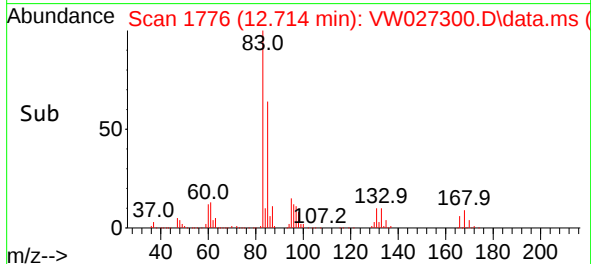
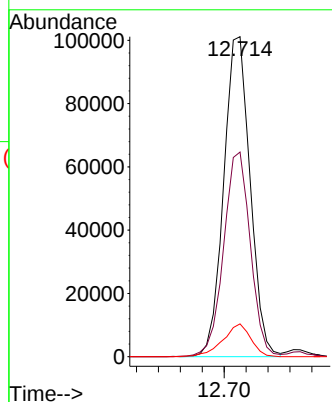
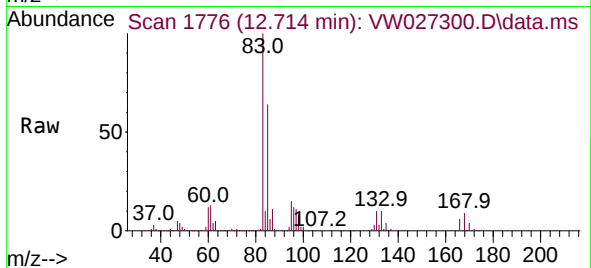
Tgt Ion: 83 Resp: 169302

Ion Ratio Lower Upper

83 100

85 63.9 43.2 80.2

131 10.3 7.2 10.8



#59

Bromoform

Concen: 26.489 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

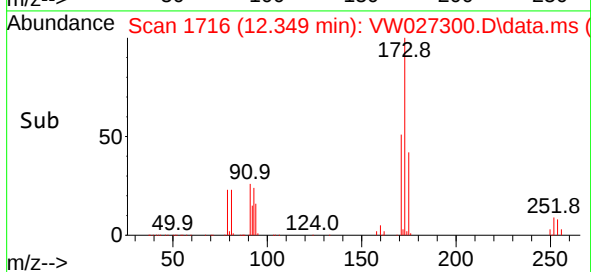
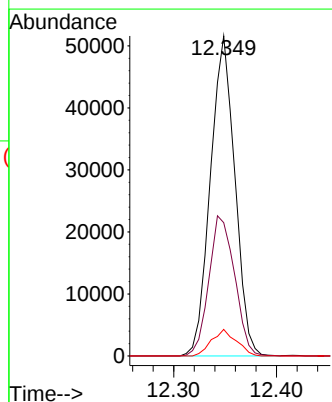
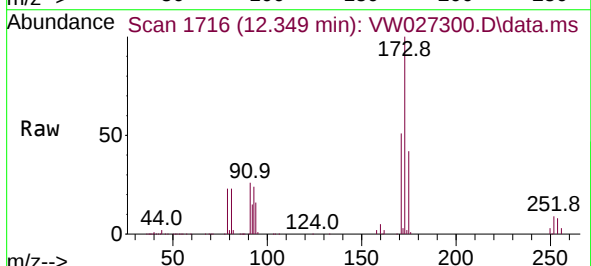
Tgt Ion:173 Resp: 85311

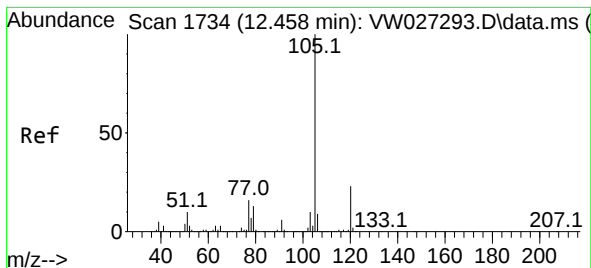
Ion Ratio Lower Upper

173 100

175 46.1 39.6 59.4

254 8.4 6.6 10.0

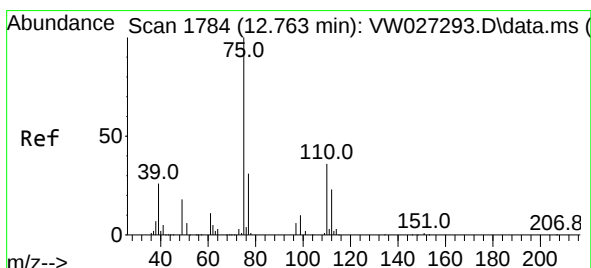
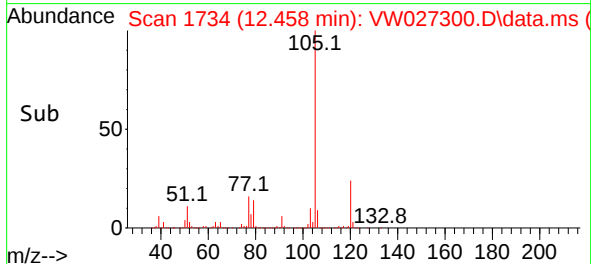
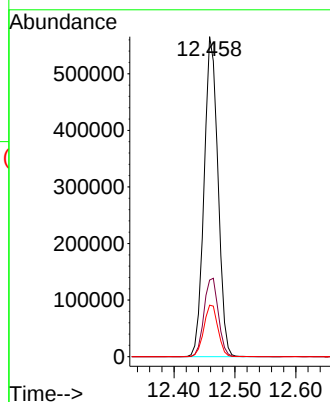
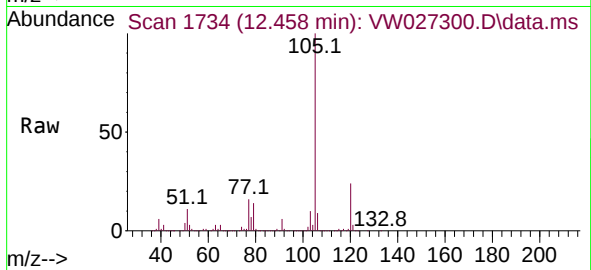




#60
Isopropylbenzene
Concen: 26.264 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

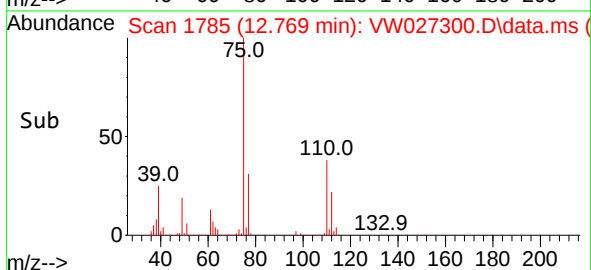
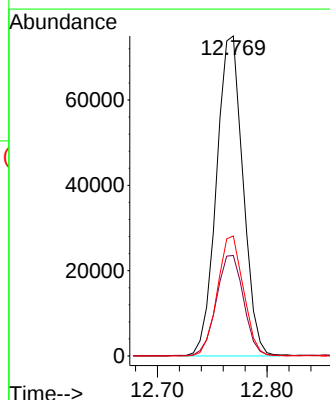
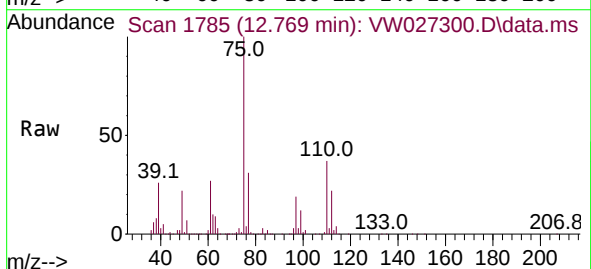
Instrument :
MSVOA_W
ClientSampleId :

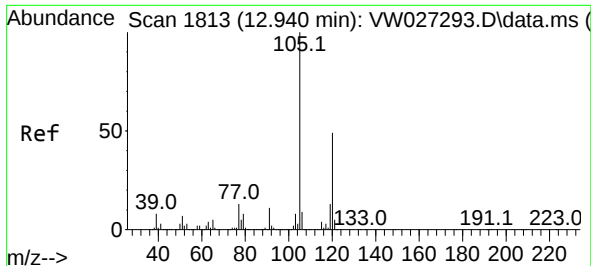
Tgt Ion:105 Resp: 892989
Ion Ratio Lower Upper
105 100
120 25.4 20.1 30.1
77 16.5 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 26.716 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

Tgt Ion: 75 Resp: 126257
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
110 36.7 29.7 44.5





#62

1,3,5-Trimethylbenzene

Concen: 26.434 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

Instrument :

MSVOA_W

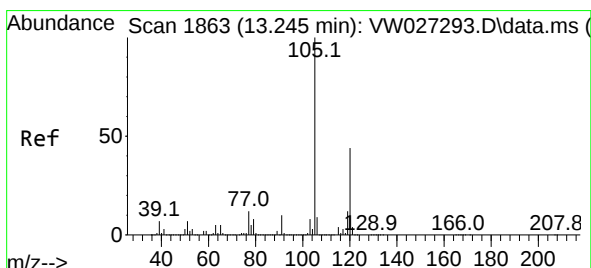
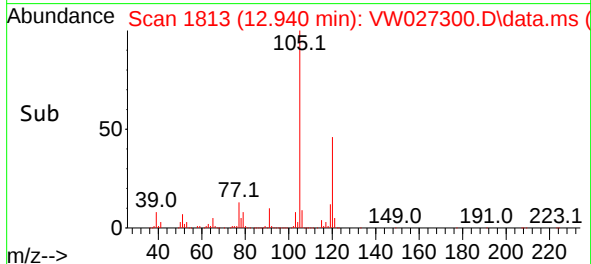
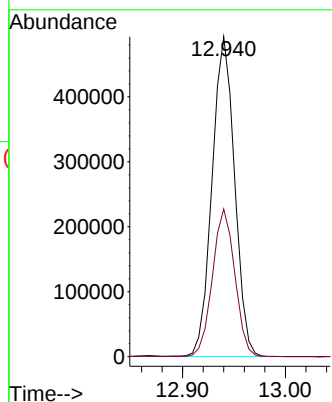
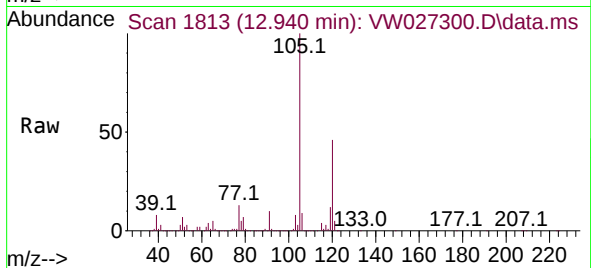
ClientSampleId :

Tgt Ion:105 Resp: 749702

Ion Ratio Lower Upper

105 100

120 45.9 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 26.323 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027300.D

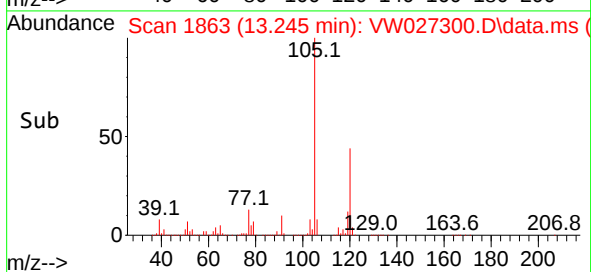
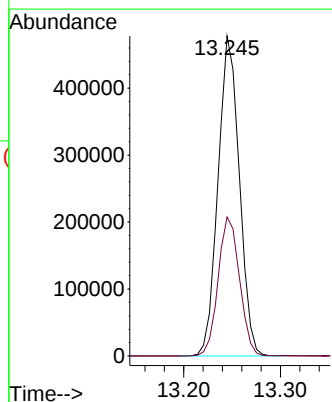
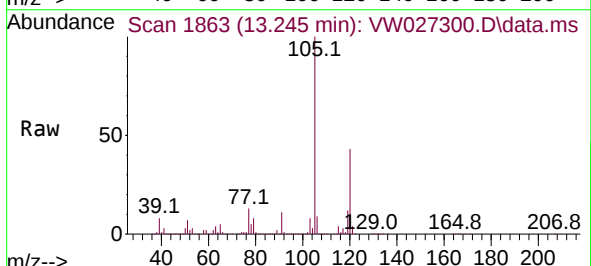
Acq: 13 Oct 2023 11:07

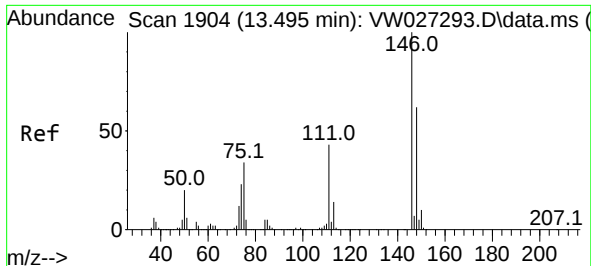
Tgt Ion:105 Resp: 730459

Ion Ratio Lower Upper

105 100

120 43.6 35.4 53.2

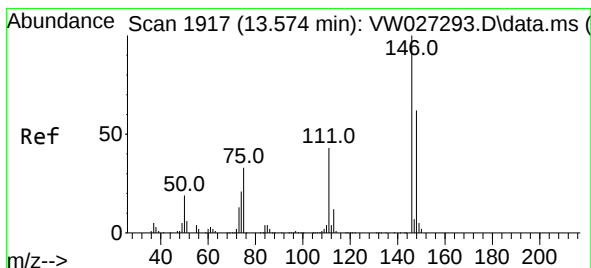
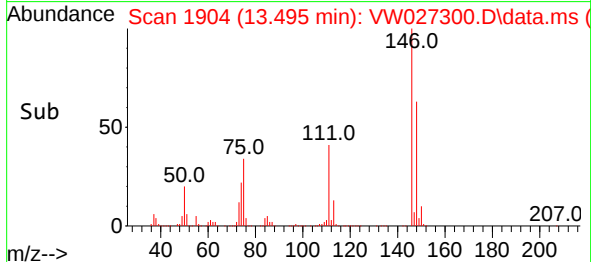
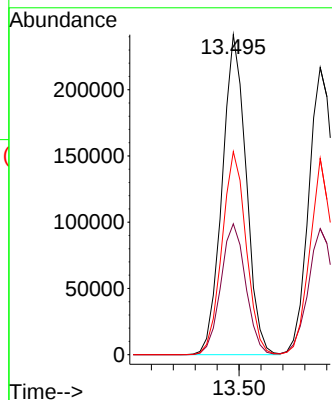
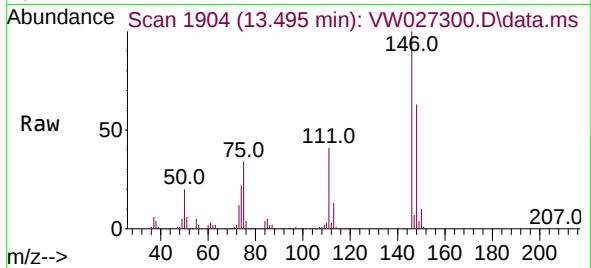




#64
1,3-Dichlorobenzene
Concen: 26.642 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

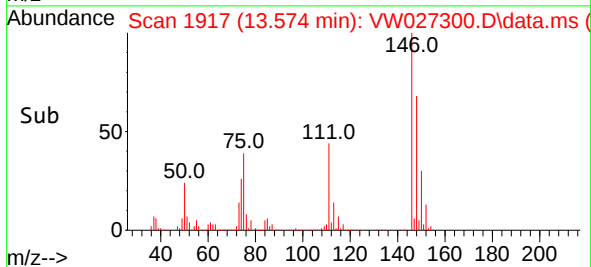
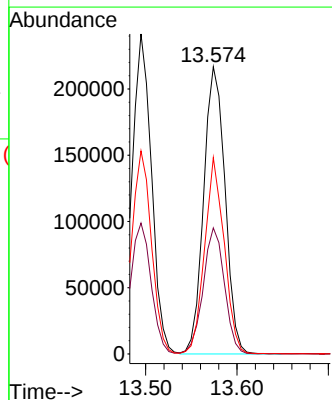
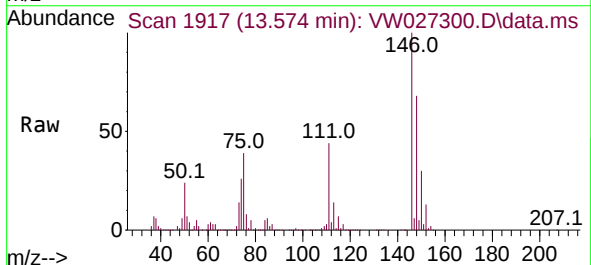
Instrument :
MSVOA_W
ClientSampleId :

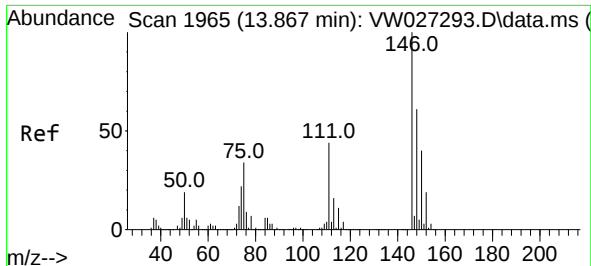
Tgt Ion:146 Resp: 367337
Ion Ratio Lower Upper
146 100
111 40.9 30.8 57.2
148 63.5 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 25.558 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027300.D
Acq: 13 Oct 2023 11:07

Tgt Ion:146 Resp: 351925
Ion Ratio Lower Upper
146 100
111 43.9 29.5 54.9
148 68.4 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 25.876 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

Instrument :

MSVOA_W

ClientSampleId :

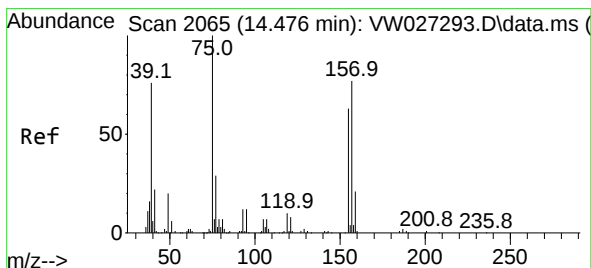
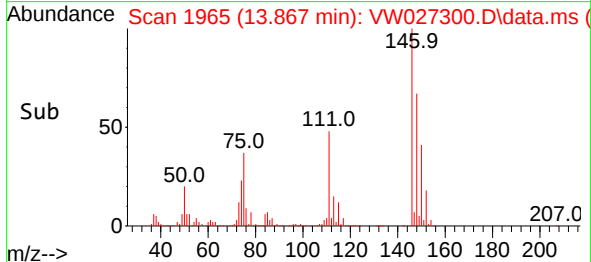
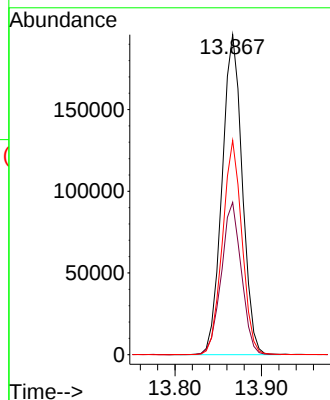
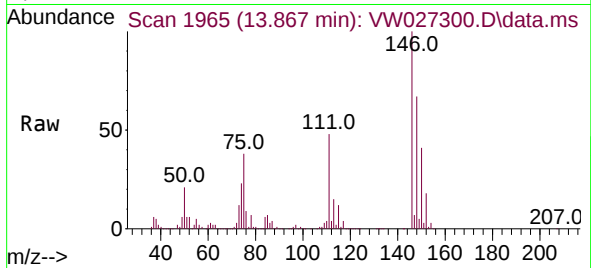
Tgt Ion:146 Resp: 316595

Ion Ratio Lower Upper

146 100

111 47.6 36.8 55.2

148 67.0 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 25.637 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

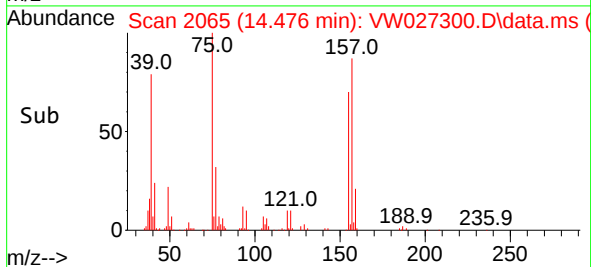
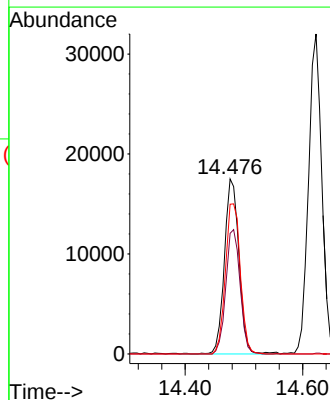
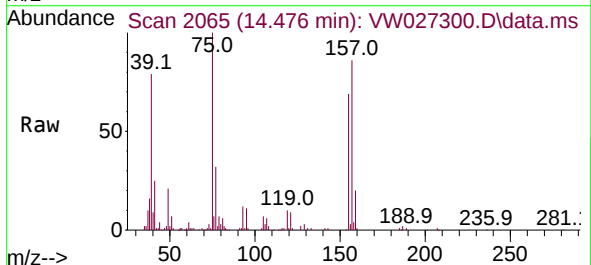
Tgt Ion: 75 Resp: 30280

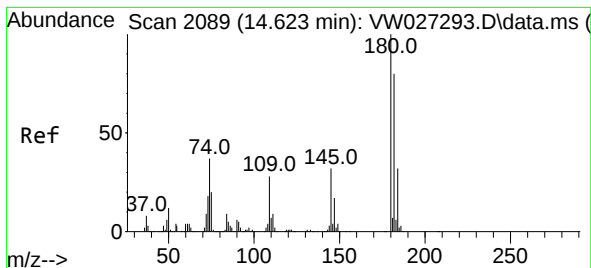
Ion Ratio Lower Upper

75 100

155 68.9 54.9 82.3

157 85.6 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 26.435 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 236612

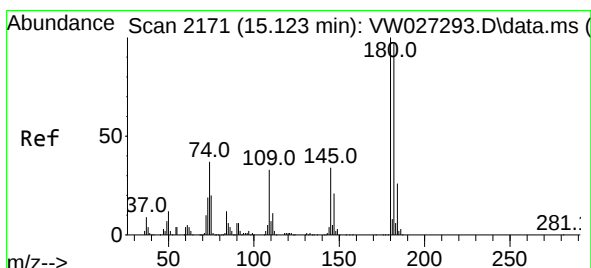
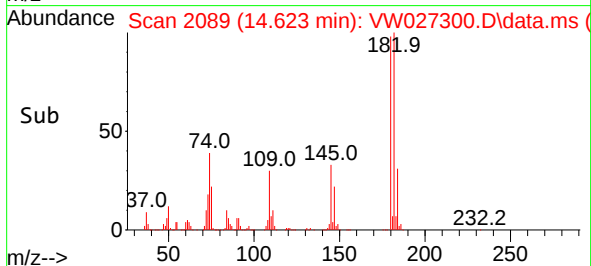
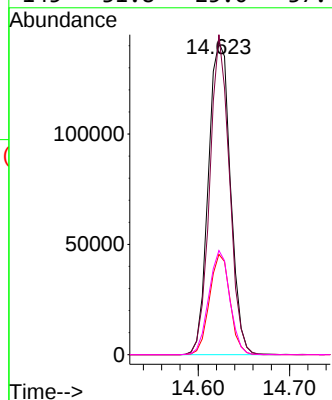
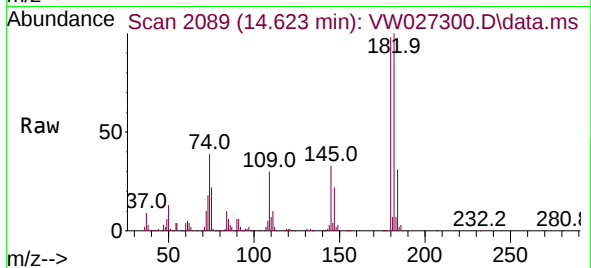
Ion Ratio Lower Upper

180 100

182 91.4 73.4 110.0

184 29.9 23.3 34.9

145 31.8 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 26.471 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

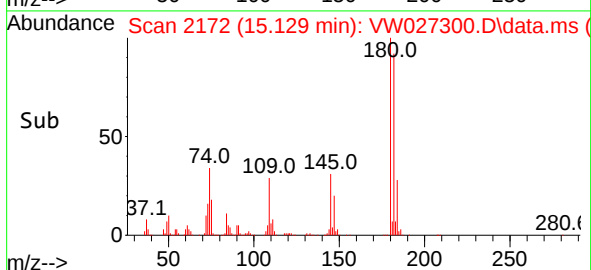
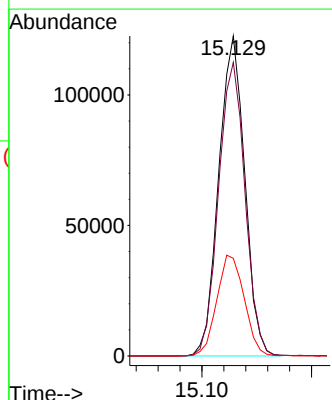
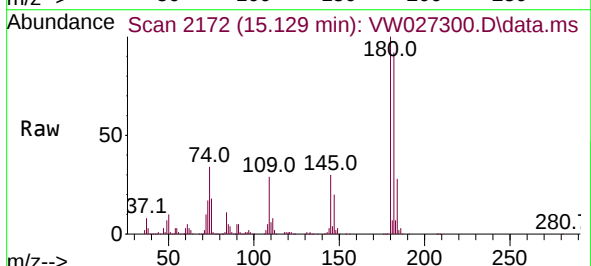
Tgt Ion:180 Resp: 201660

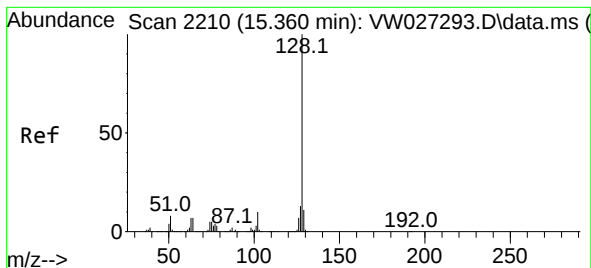
Ion Ratio Lower Upper

180 100

182 93.4 75.5 113.3

145 33.3 26.4 39.6





#71

Naphthalene

Concen: 26.394 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

Instrument :

MSVOA_W

ClientSampleId :

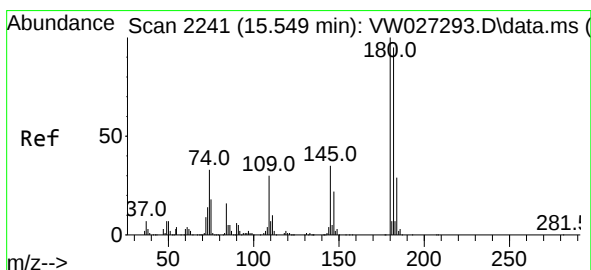
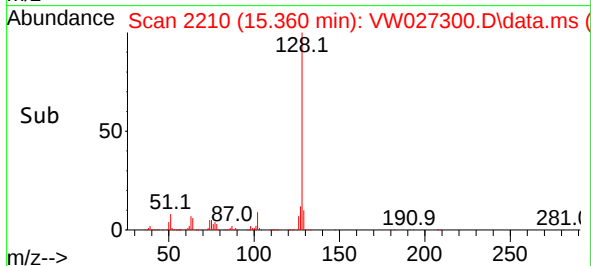
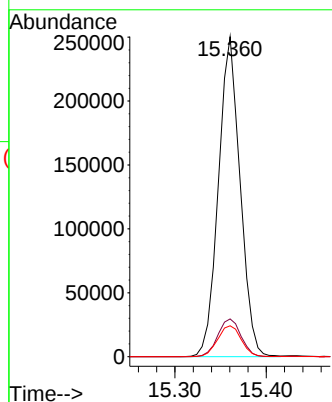
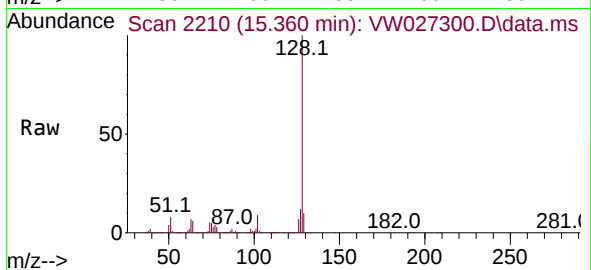
Tgt Ion:128 Resp: 413497

Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

129 10.5 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 26.024 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027300.D

Acq: 13 Oct 2023 11:07

Tgt Ion:180 Resp: 163024

Ion Ratio Lower Upper

180 100

182 96.7 81.1 121.7

145 35.7 30.6 45.8

