

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
 Data File : VW031528.D
 Acq On : 26 Dec 2024 15:00
 Operator : SY/MD
 Sample : P5322-19RE
 Misc : 6.16g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 27 00:25:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 00:21:46 2024
 Response via : Initial Calibration

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

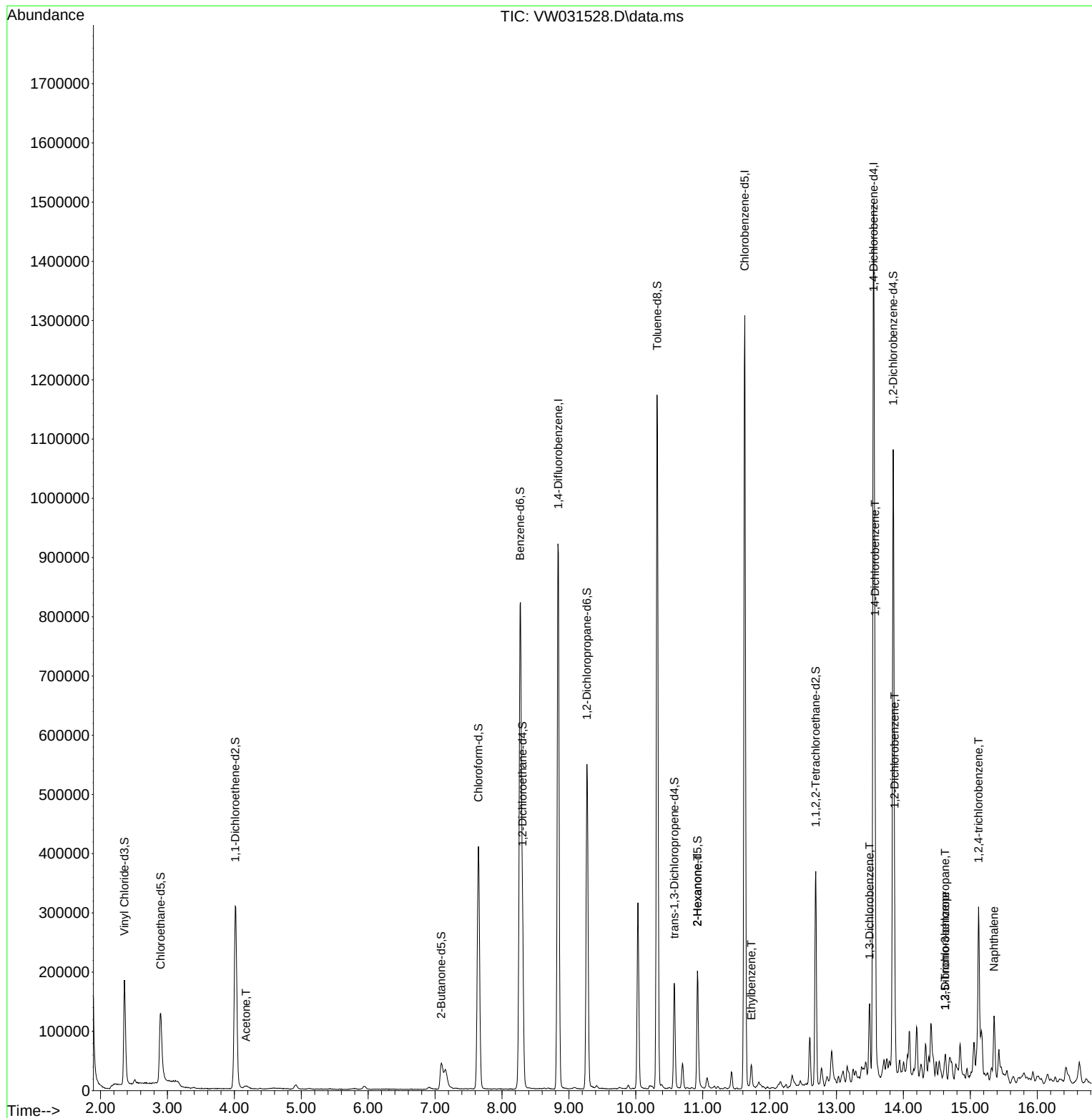
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	786472	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	713187	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	346598	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	216381	18.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.160%
7) Chloroethane-d5	2.899	69	183246	20.934	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.720%
11) 1,1-Dichloroethene-d2	4.015	65	98294	17.511	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.040%
21) 2-Butanone-d5	7.094	46	87928	39.456	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.920%
24) Chloroform-d	7.648	84	413866	19.206	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.840%
26) 1,2-Dichloroethane-d4	8.307	65	225085	20.799	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	8.270	84	840554	18.388	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.560%
36) 1,2-Dichloropropane-d6	9.270	67	254573	19.109	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.440%
41) Toluene-d8	10.319	98	783914	18.434	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.720%
43) trans-1,3-Dichloroprop...	10.575	79	96879	15.771	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.080%
47) 2-Hexanone-d5	10.922	63	69056	38.544	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.080%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	176327	21.080	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.320%
66) 1,2-Dichlorobenzene-d4	13.849	152	260170	20.220	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.880%
Target Compounds					Qvalue	
13) Acetone	4.173	43	13258	4.272	ug/L #	100
48) 2-Hexanone	10.922	43	8639	1.741	ug/L #	71
52) Ethylbenzene	11.727	91	26476	0.476	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	44683	1.944	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	202446	8.891	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	46277	2.337	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.623	75	2103	1.397	ug/L #	9
69) 1,3,5-Trichlorobenzene	14.623	180	8256	0.513	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	78719	5.880	ug/L #	92
71) Naphthalene	15.354	128	91832	3.912	ug/L	98

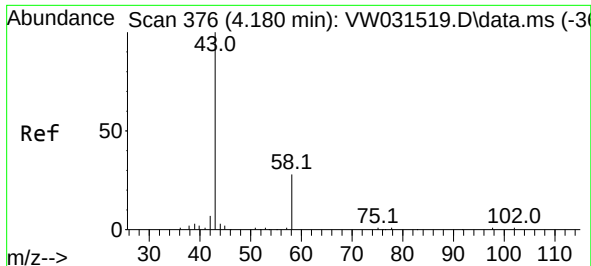
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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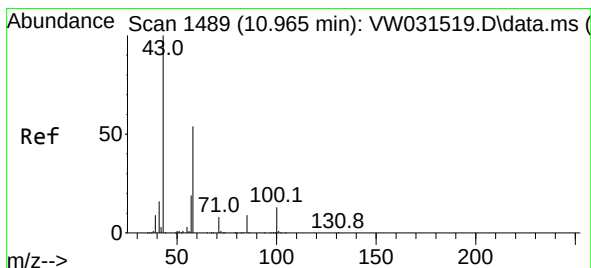
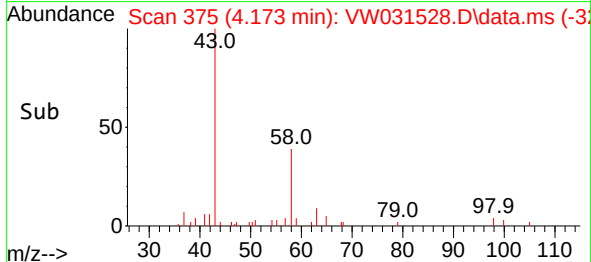
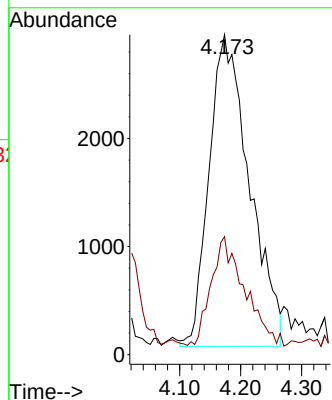
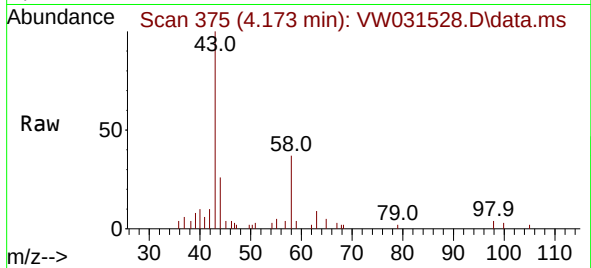




#13
Acetone
Concen: 4.272 ug/L
RT: 4.173 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW031528.D
Acq: 26 Dec 2024 15:00

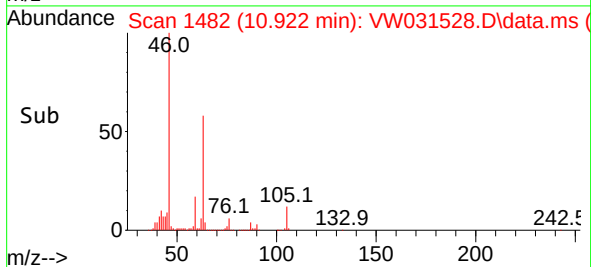
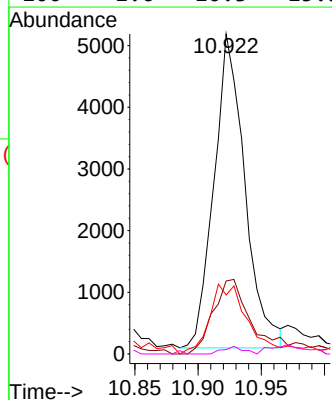
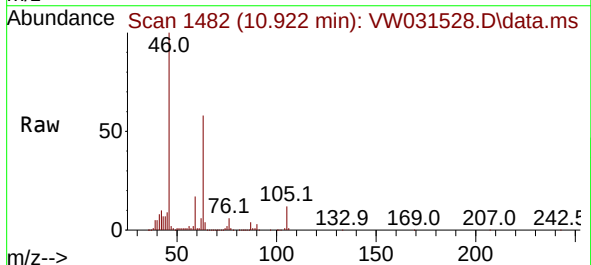
Instrument :
MSVOA_W
ClientSampleId :

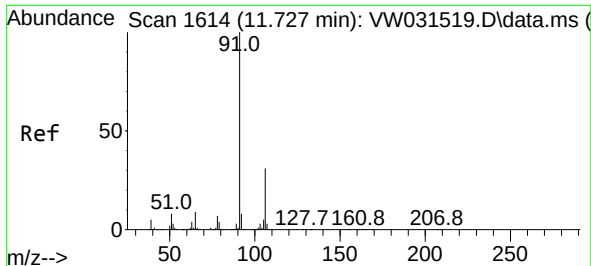
Tgt Ion: 43 Resp: 13258
Ion Ratio Lower Upper
43 100
58 14.9 0.0 0.0#



#48
2-Hexanone
Concen: 1.741 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW031528.D
Acq: 26 Dec 2024 15:00

Tgt Ion: 43 Resp: 8639
Ion Ratio Lower Upper
43 100
58 29.0 43.0 64.6#
57 26.6 15.7 23.5#
100 1.6 10.3 15.5#

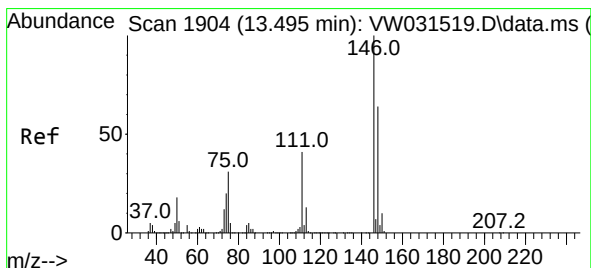
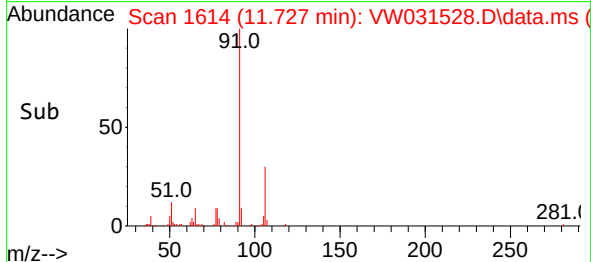
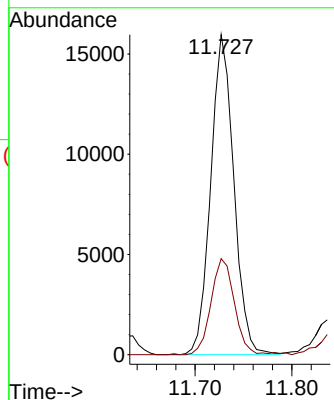
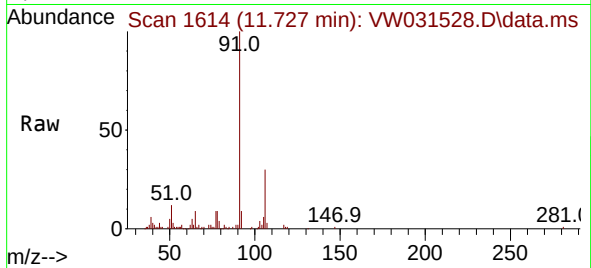




#52
Ethylbenzene
Concen: 0.476 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031528.D
Acq: 26 Dec 2024 15:00

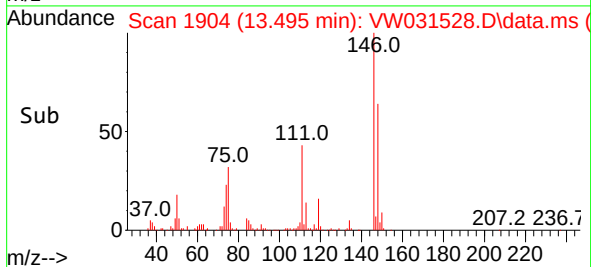
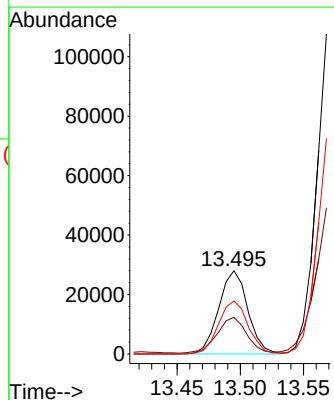
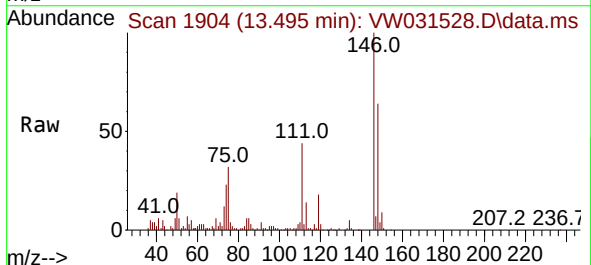
Instrument :
MSVOA_W
ClientSampleId :

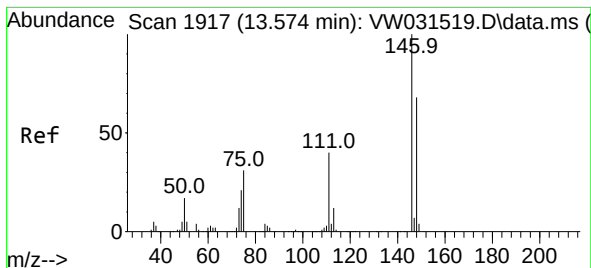
Tgt Ion: 91 Resp: 26476
Ion Ratio Lower Upper
91 100
106 30.0 20.7 38.5



#64
1,3-Dichlorobenzene
Concen: 1.944 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031528.D
Acq: 26 Dec 2024 15:00

Tgt Ion:146 Resp: 44683
Ion Ratio Lower Upper
146 100
111 44.0 27.6 51.2
148 63.7 41.0 76.2





#65

1,4-Dichlorobenzene

Concen: 8.891 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031528.D

Acq: 26 Dec 2024 15:00

Instrument :

MSVOA_W

ClientSampleId :

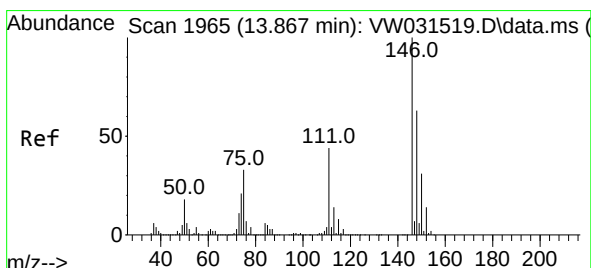
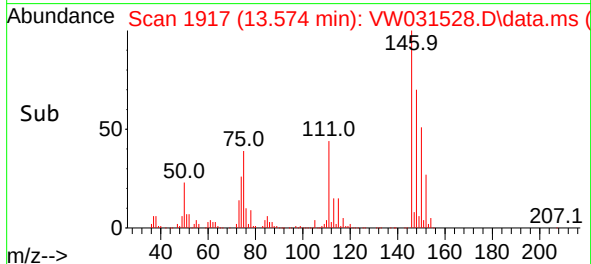
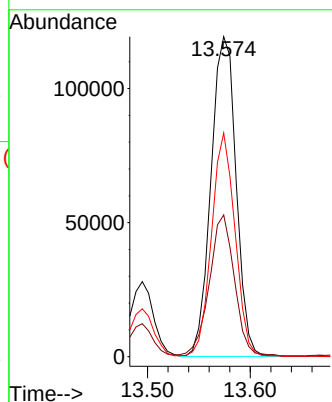
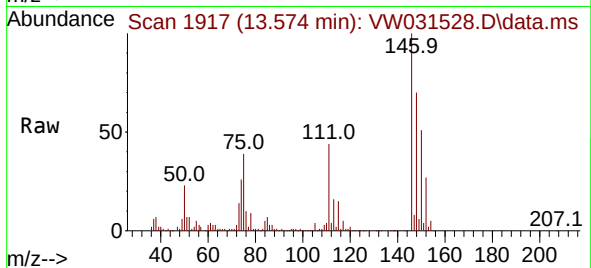
Tgt Ion:146 Resp: 202446

Ion Ratio Lower Upper

146 100

111 44.3 30.7 56.9

148 69.9 46.5 86.3



#67

1,2-Dichlorobenzene

Concen: 2.337 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW031528.D

Acq: 26 Dec 2024 15:00

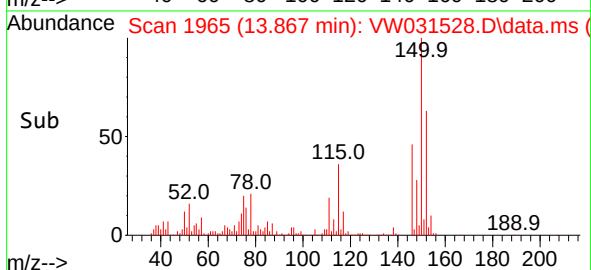
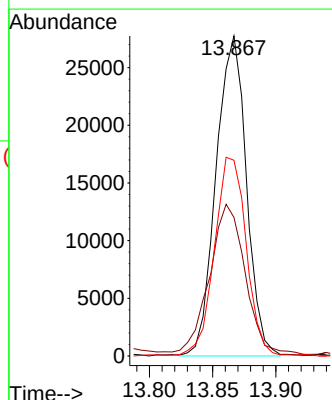
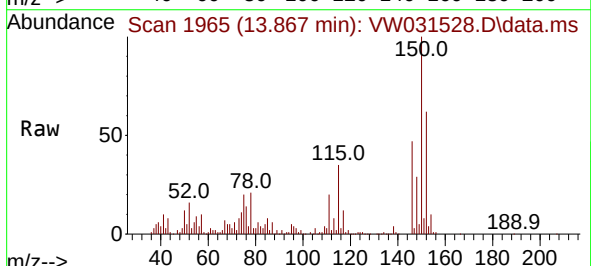
Tgt Ion:146 Resp: 46277

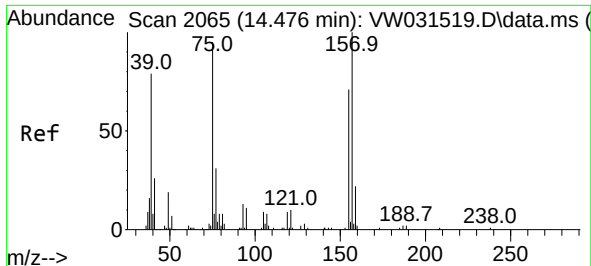
Ion Ratio Lower Upper

146 100

111 43.3 38.6 58.0

148 61.1 53.6 80.4

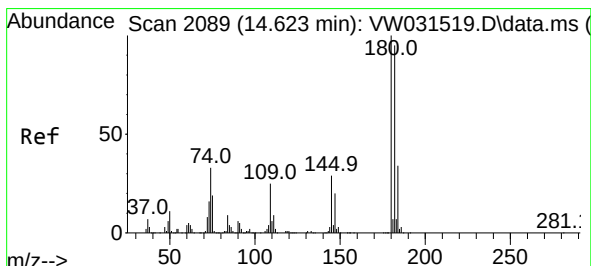
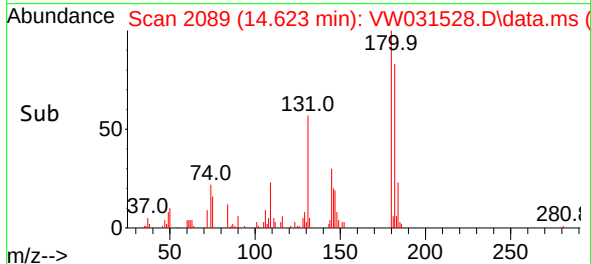
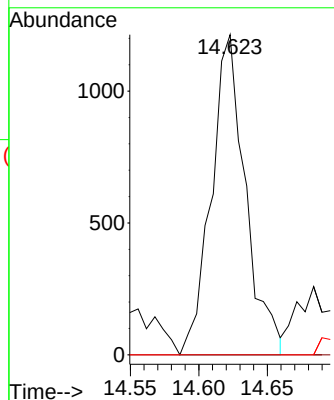
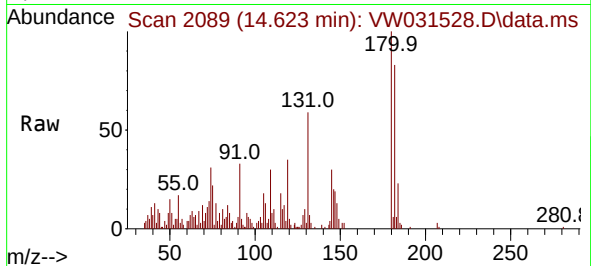




#68
1,2-Dibromo-3-chloropropane
Concen: 1.397 ug/L
RT: 14.623 min Scan# 2065
Delta R.T. 0.146 min
Lab File: VW031528.D
Acq: 26 Dec 2024 15:00

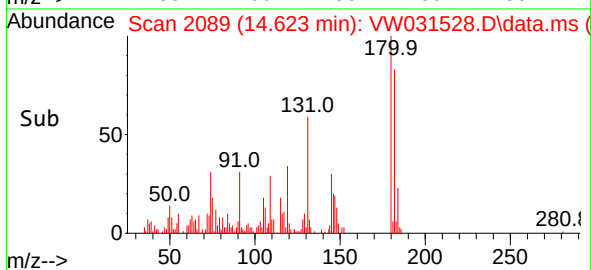
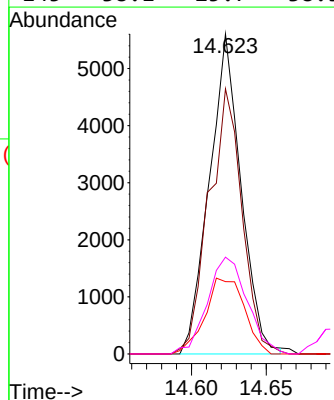
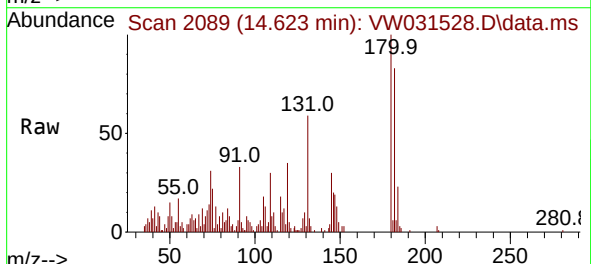
Instrument :
MSVOA_W
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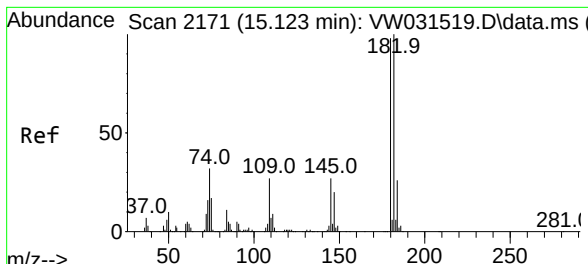
Tgt Ion: 75 Resp: 2103
Ion Ratio Lower Upper
75 100
155 0.0 56.6 85.0#
157 0.0 71.2 106.8#



#69
1,3,5-Trichlorobenzene
Concen: 0.513 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW031528.D
Acq: 26 Dec 2024 15:00

Tgt Ion:180 Resp: 8256
Ion Ratio Lower Upper
180 100
182 86.4 75.0 112.4
184 29.4 24.6 36.8
145 38.1 25.7 38.5

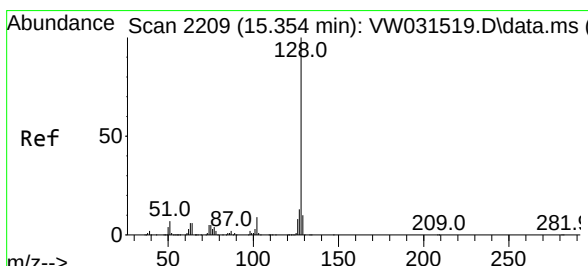
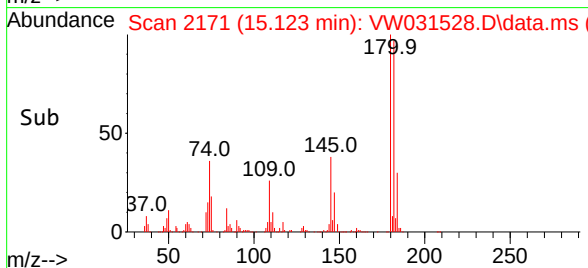
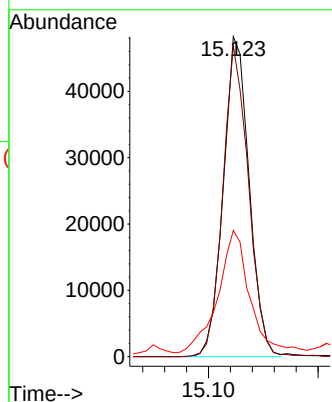
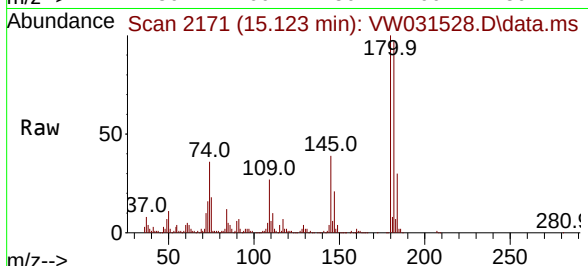




#70
1,2,4-trichlorobenzene
Concen: 5.880 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW031528.D
Acq: 26 Dec 2024 15:00

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:180 Resp: 78719
Ion Ratio Lower Upper
180 100
182 96.9 78.2 117.2
145 50.9 26.7 40.1#



#71
Naphthalene
Concen: 3.912 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VW031528.D
Acq: 26 Dec 2024 15:00

Tgt Ion:128 Resp: 91832
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 12.1 8.6 13.0

