

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061822\
 Data File : VW026430.D
 Acq On : 18 Jun 2022 18:11
 Operator : SY/MD
 Sample : N3358-19
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW4T2

Quant Time: Jun 20 01:31:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 20 01:25:22 2022
 Response via : Initial Calibration

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

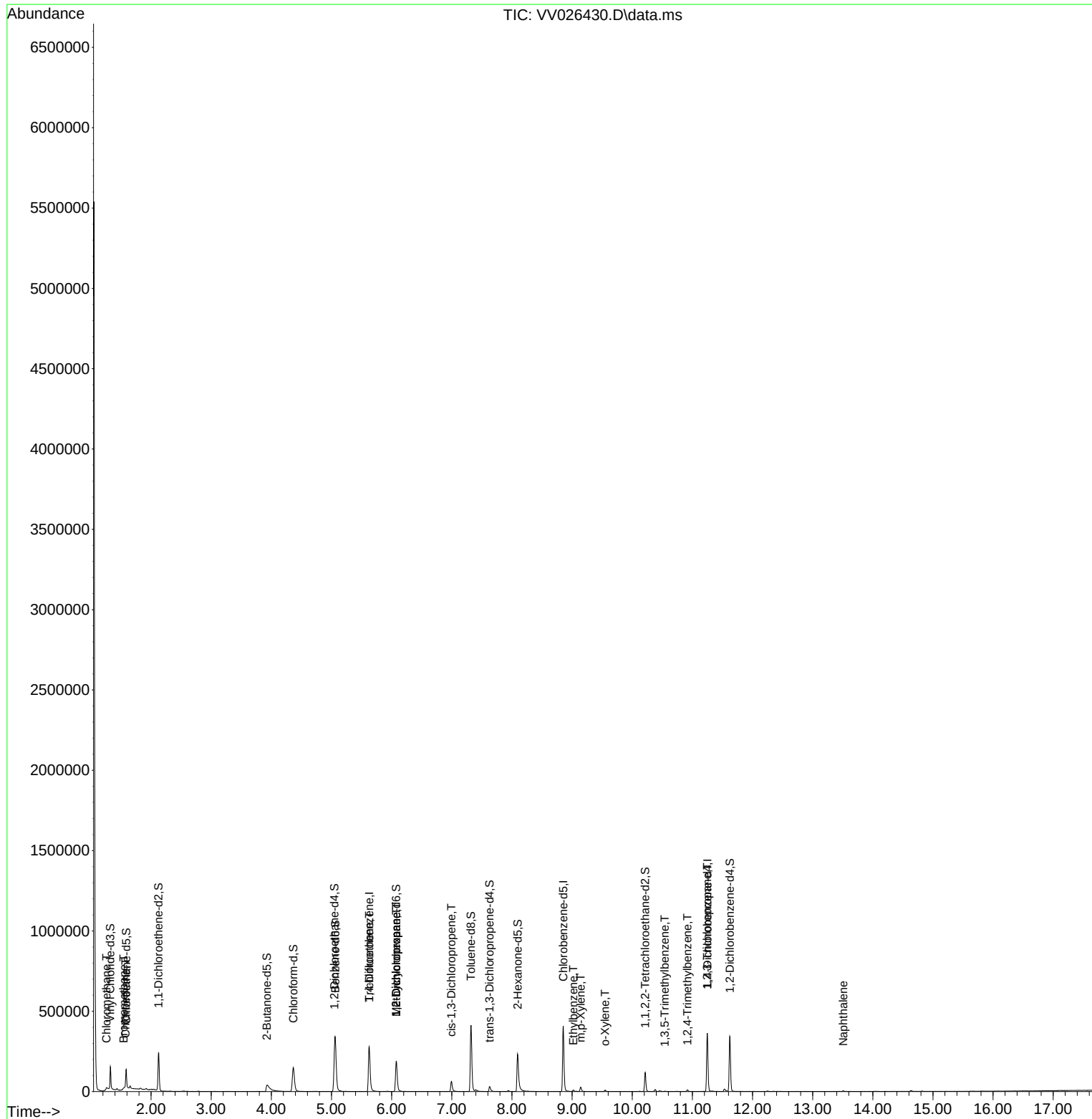
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	253781	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	233880	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	98541	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	87332	3.962	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.200%	
7) Chloroethane-d5	1.587	69	73604	4.247	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.000%	
11) 1,1-Dichloroethene-d2	2.124	63	127566	3.370	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.400%	
20) 2-Butanone-d5	3.928	46	114000	53.003	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.000%	
24) Chloroform-d	4.365	84	163509	5.061	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
26) 1,2-Dichloroethane-d4	5.047	65	65618	4.801	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	5.063	84	334952	5.357	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.200%	
36) 1,2-Dichloropropane-d6	6.079	67	97190	5.326	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.600%	
41) Toluene-d8	7.320	98	283129	4.966	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
43) trans-1,3-Dichloroprop...	7.628	79	21062	3.559	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.200%	
46) 2-Hexanone-d5	8.095	63	84859	47.472	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.940%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	57154	5.084	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	90257	5.946	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	119.000%	
Target Compounds						Qvalue
3) Chloromethane	1.259	50	6597	0.313	ug/L	94
6) Bromomethane	1.545	94	711	0.058	ug/L #	70
8) Chloroethane	1.574	64	60584	4.455	ug/L #	50
34) Trichloroethene	5.625	95	4819	0.294	ug/L #	4
35) Methylcyclohexane	6.079	83	24103	1.064	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	10006	0.638	ug/L #	89
39) cis-1,3-Dichloropropene	6.992	75	1652	0.092	ug/L #	46
52) Ethylbenzene	9.021	91	6747	0.107	ug/L	95
53) m,p-Xylene	9.143	106	8706	0.353	ug/L	89
54) o-Xylene	9.548	106	2577	0.108	ug/L	92
61) 1,2,3-Trichloropropane	11.246	75	11599	1.814	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.538	105	1573	0.038	ug/L	93
63) 1,2,4-Trimethylbenzene	10.918	105	5915	0.143	ug/L	98
71) Naphthalene	13.509	128	4852	0.254	ug/L #	93

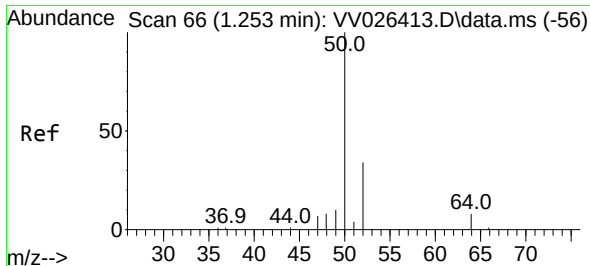
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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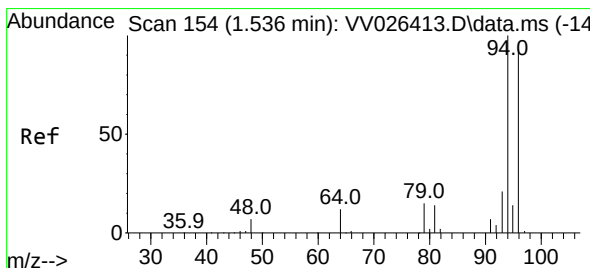
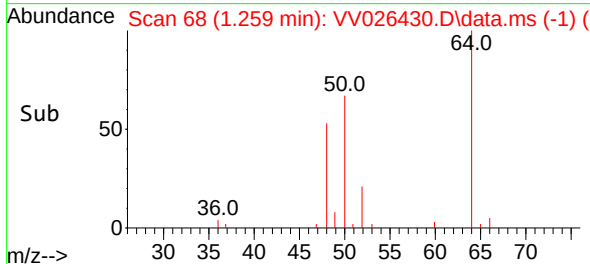
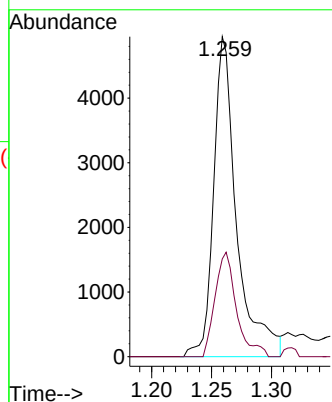
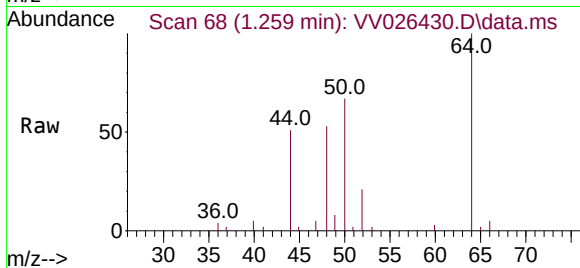




#3
Chloromethane
Concen: 0.313 ug/L
RT: 1.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV026430.D
Acq: 18 Jun 2022 18:11

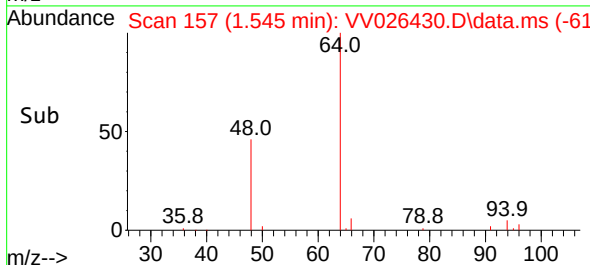
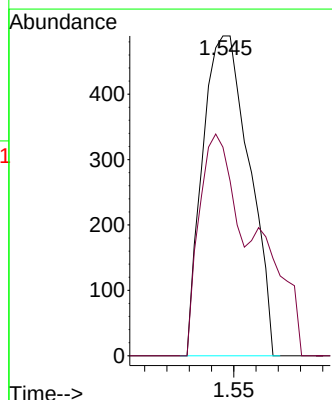
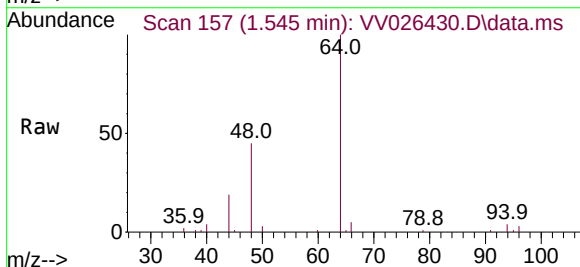
Instrument :
MSVOA_V
ClientSampleId :
EW4T2

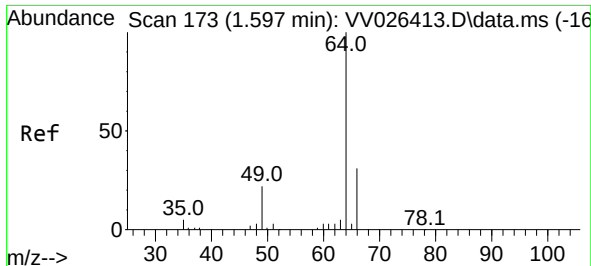
Tgt Ion: 50 Resp: 6597
Ion Ratio Lower Upper
50 100
52 30.6 23.7 44.1



#6
Bromomethane
Concen: 0.058 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.010 min
Lab File: VV026430.D
Acq: 18 Jun 2022 18:11

Tgt Ion: 94 Resp: 711
Ion Ratio Lower Upper
94 100
96 65.2 65.7 121.9#

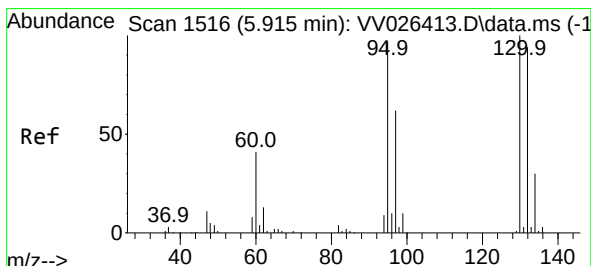
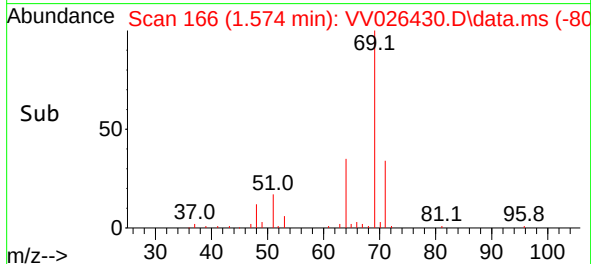
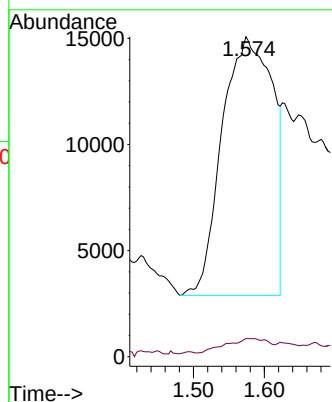
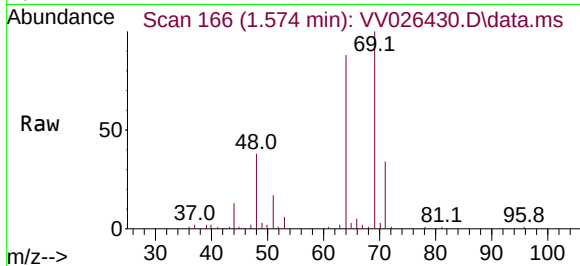




#8
Chloroethane
Concen: 4.455 ug/L
RT: 1.574 min Scan# 1
Delta R.T. -0.023 min
Lab File: VV026430.D
Acq: 18 Jun 2022 18:11

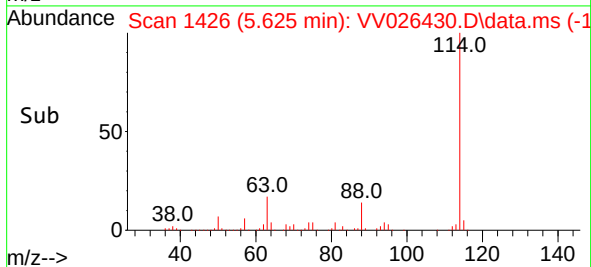
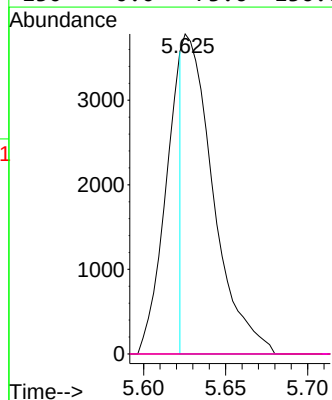
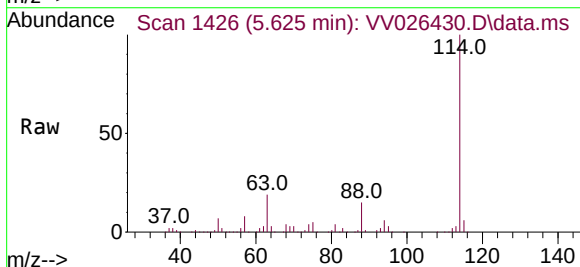
Instrument :
MSVOA_V
ClientSampleId :
EW4T2

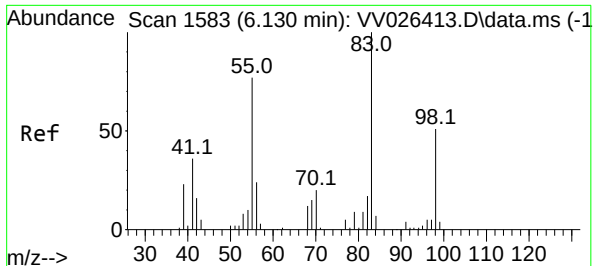
Tgt Ion: 64 Resp: 60584
Ion Ratio Lower Upper
64 100
66 5.7 24.1 44.7#



#34
Trichloroethene
Concen: 0.294 ug/L
RT: 5.625 min Scan# 1426
Delta R.T. -0.290 min
Lab File: VV026430.D
Acq: 18 Jun 2022 18:11

Tgt Ion: 95 Resp: 4819
Ion Ratio Lower Upper
95 100
97 0.0 46.5 86.3#
132 0.0 68.8 127.8#
130 0.0 73.6 136.6#

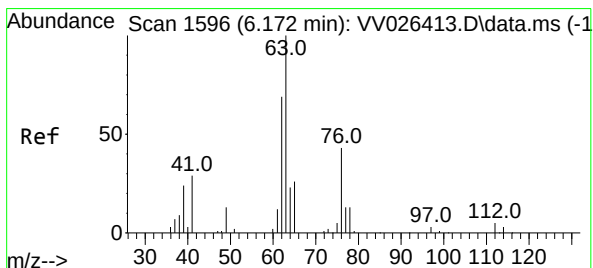
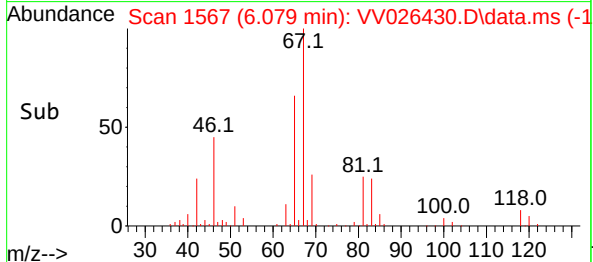
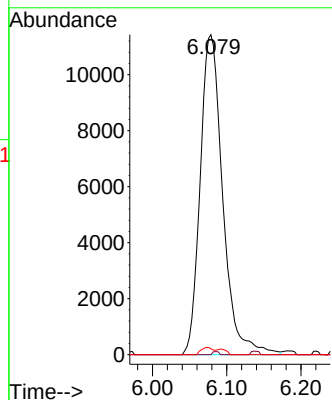
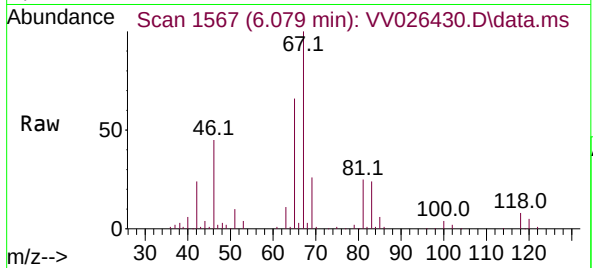




#35
Methylcyclohexane
Concen: 1.064 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.052 min
Lab File: VV026430.D
Acq: 18 Jun 2022 18:11

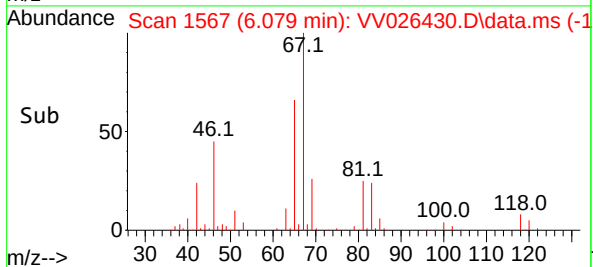
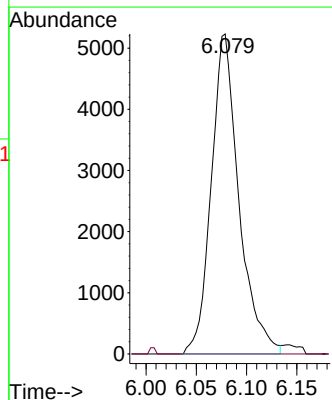
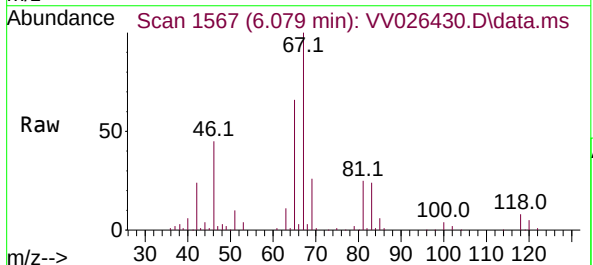
Instrument :
MSVOA_V
ClientSampleId :
EW4T2

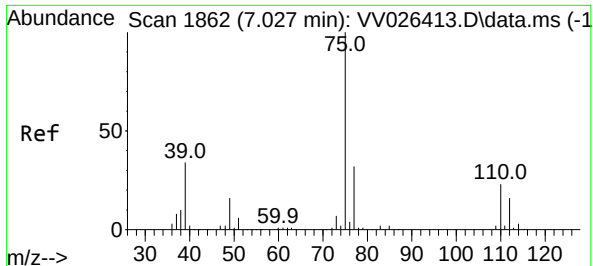
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	59.3	88.9#
98	0.7	39.9	59.9#



#37
1,2-Dichloropropane
Concen: 0.638 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.093 min
Lab File: VV026430.D
Acq: 18 Jun 2022 18:11

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.3	4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV026430.D

Acq: 18 Jun 2022 18:11

Instrument :

MSVOA_V

ClientSampleId :

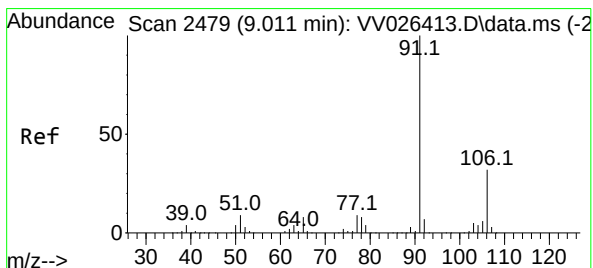
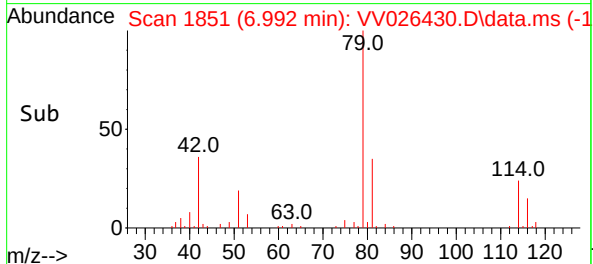
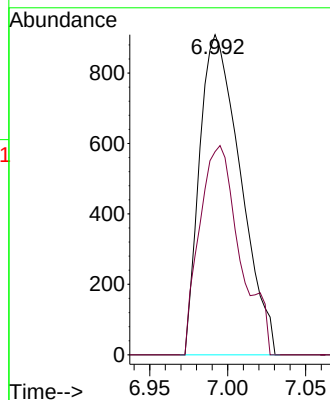
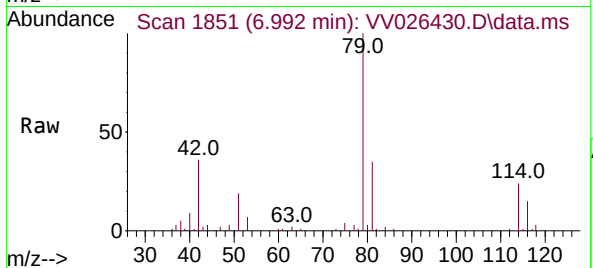
EW4T2

Tgt Ion: 75 Resp: 1652

Ion Ratio Lower Upper

75 100

77 63.5 23.0 42.6#



#52

Ethylbenzene

Concen: 0.107 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.009 min

Lab File: VV026430.D

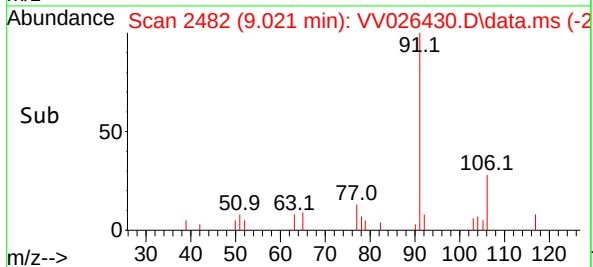
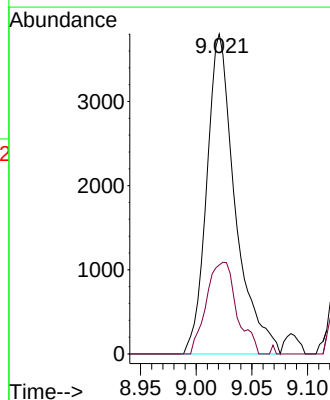
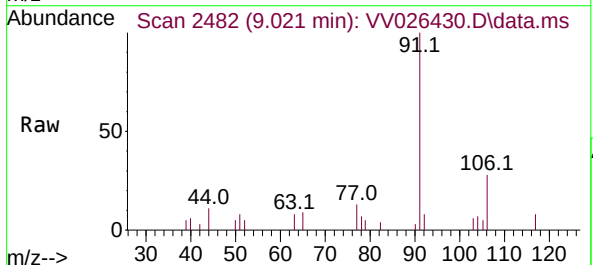
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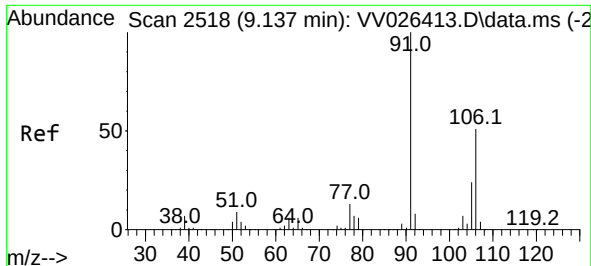
Tgt Ion: 91 Resp: 6747

Ion Ratio Lower Upper

91 100

106 27.8 21.6 40.0

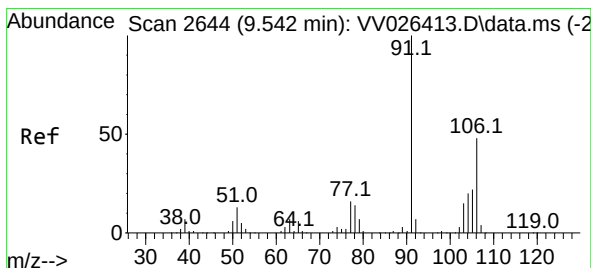
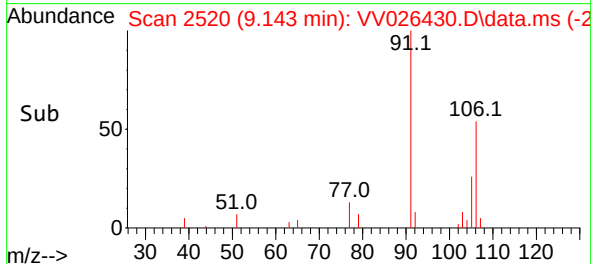
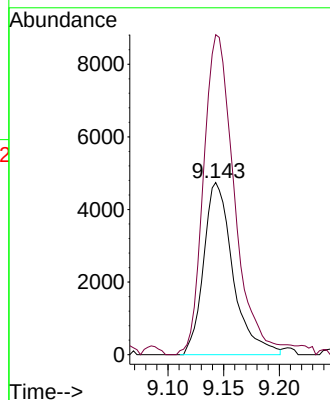
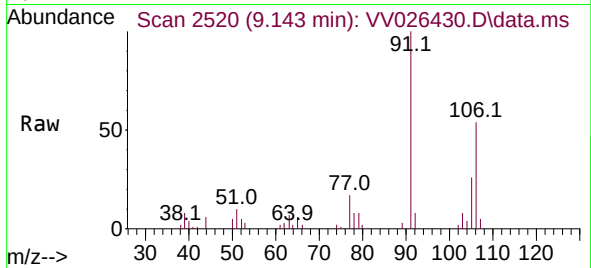




#53
m,p-Xylene
Concen: 0.353 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026430.D
Acq: 18 Jun 2022 18:11

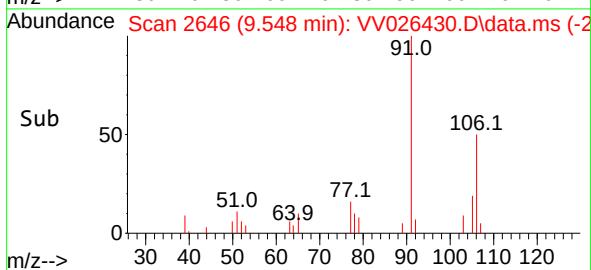
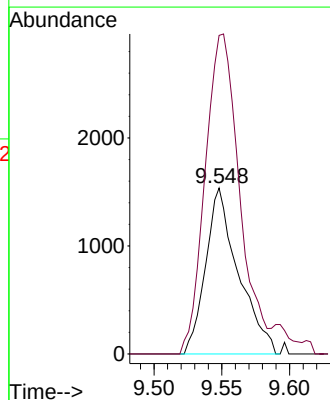
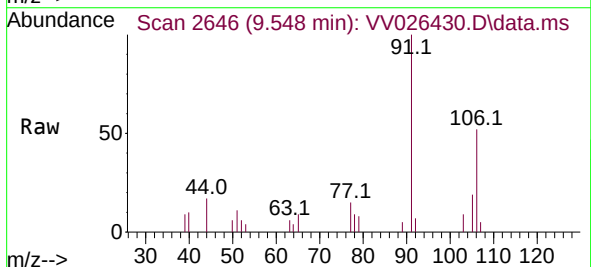
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ClientSampleId :
EW4T2

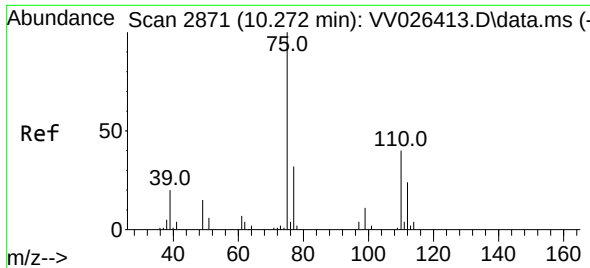
Tgt Ion:106 Resp: 8706
Ion Ratio Lower Upper
106 100
91 185.8 141.3 262.3



#54
o-Xylene
Concen: 0.108 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV026430.D
Acq: 18 Jun 2022 18:11

Tgt Ion:106 Resp: 2577
Ion Ratio Lower Upper
106 100
91 191.9 143.3 266.1

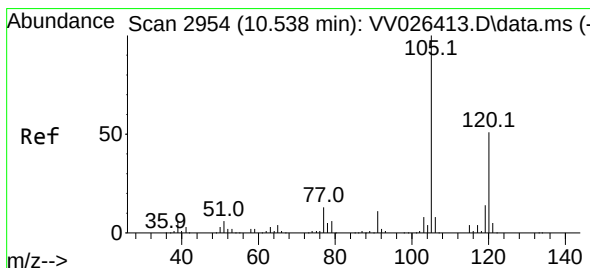
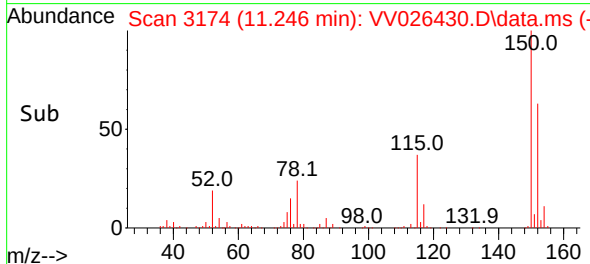
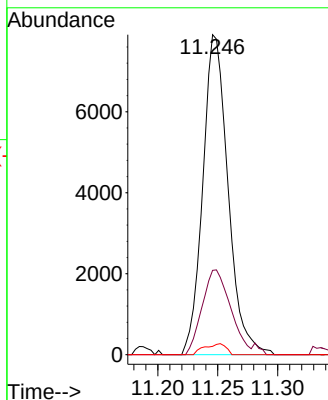
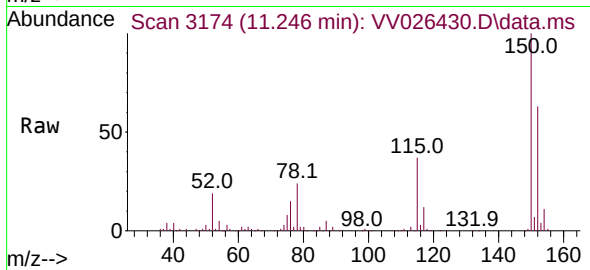




#61
 1,2,3-Trichloropropane
 Concen: 1.814 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV026430.D
 Acq: 18 Jun 2022 18:11

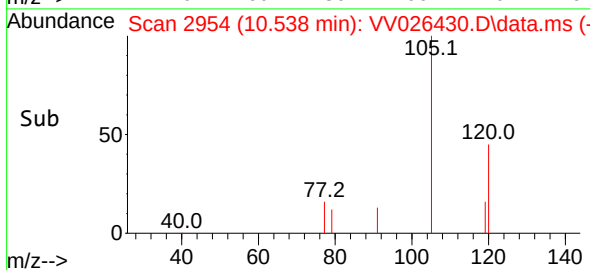
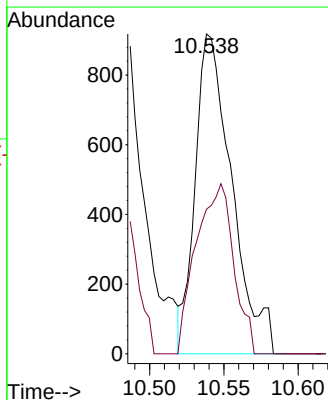
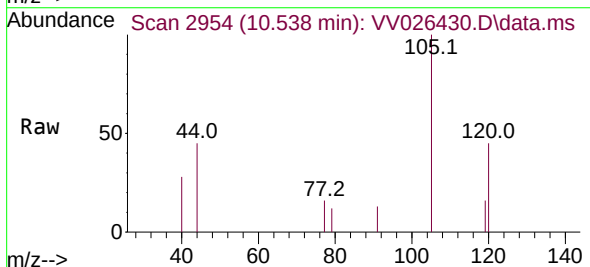
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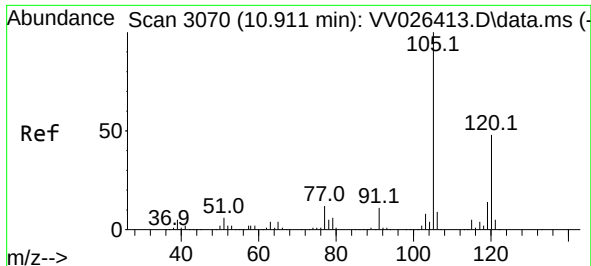
Tgt Ion: 75 Resp: 11599
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.9 40.3
 110 2.9 30.7 46.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.038 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026430.D
 Acq: 18 Jun 2022 18:11

Tgt Ion: 105 Resp: 1573
 Ion Ratio Lower Upper
 105 100
 120 54.5 39.9 59.9

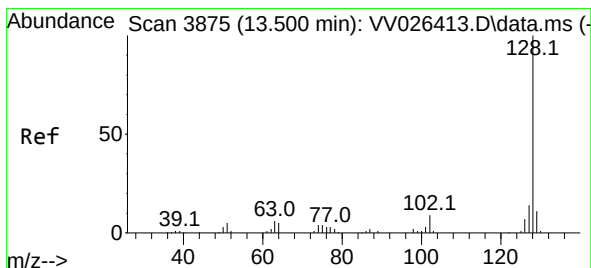
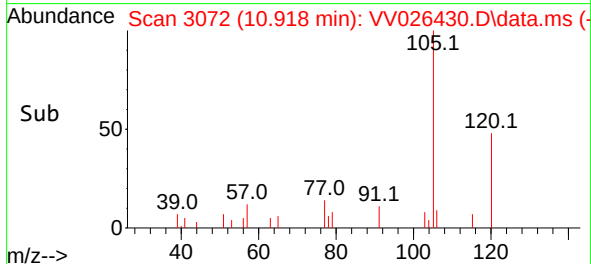
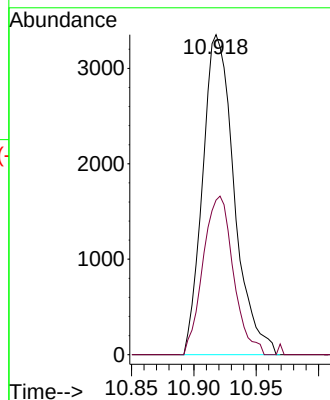
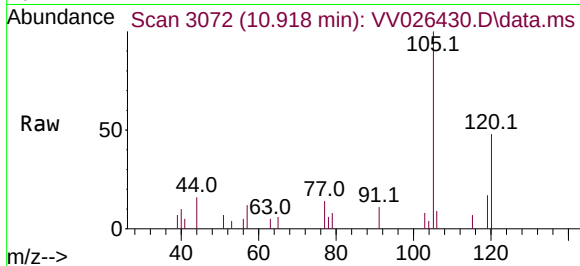




#63
1,2,4-Trimethylbenzene
Concen: 0.143 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.006 min
Lab File: VV026430.D
Acq: 18 Jun 2022 18:11

Instrument :
MSVOA_V
ClientSampleId :
EW4T2

Tgt Ion:105 Resp: 5915
Ion Ratio Lower Upper
105 100
120 47.6 36.9 55.3



#71
Naphthalene
Concen: 0.254 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV026430.D
Acq: 18 Jun 2022 18:11

Tgt Ion:128 Resp: 4852
Ion Ratio Lower Upper
128 100
129 7.6 8.7 13.1#
127 11.3 10.6 16.0

