

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029065.D
 Acq On : 17 Nov 2022 15:50
 Operator : SY/MD
 Sample : N5628-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL15

Quant Time: Nov 18 01:43:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 01:37:41 2022
 Response via : Initial Calibration

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

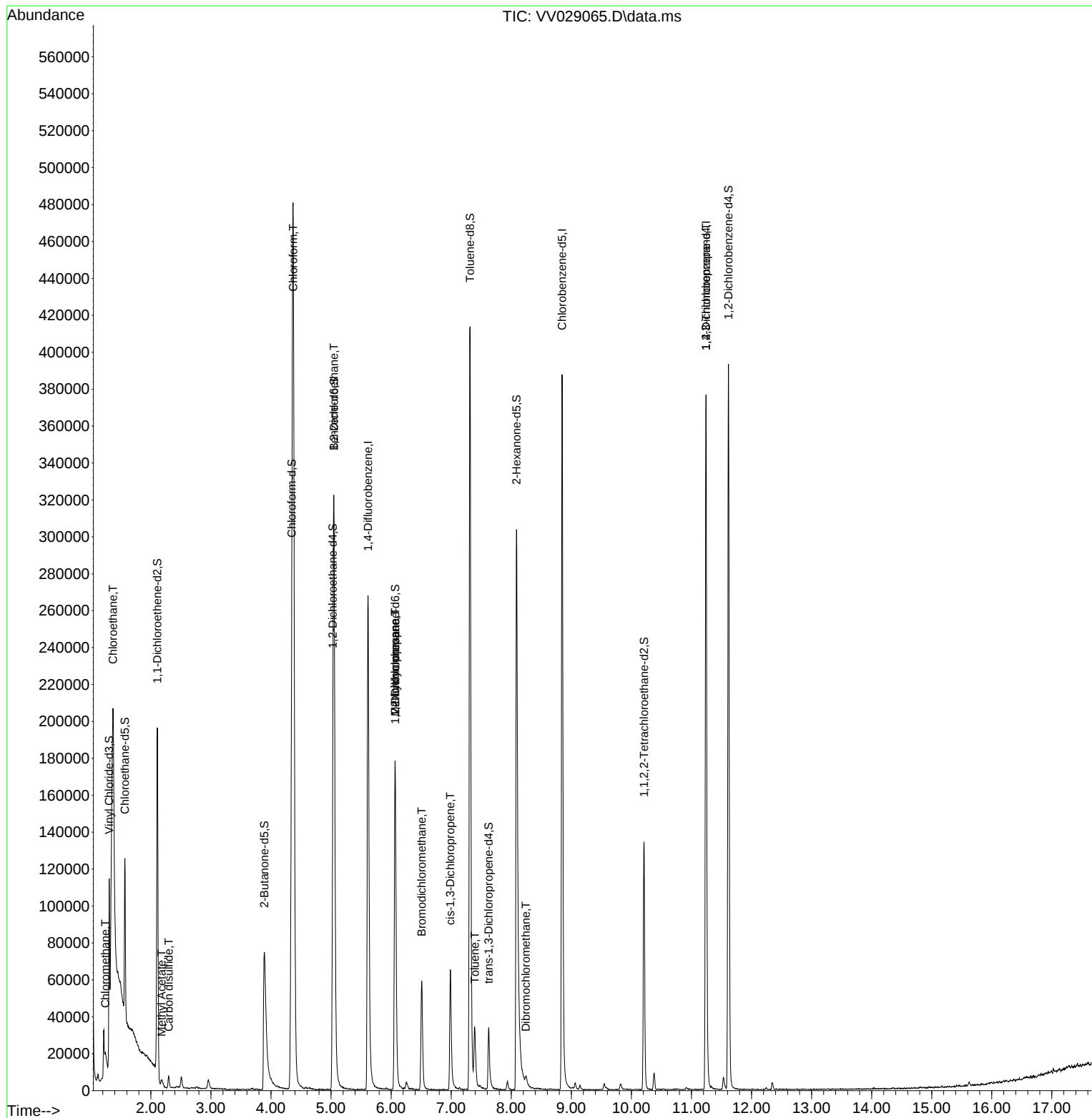
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	261161	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	239959	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	111872	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	74580	4.684	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.568	69	55451	3.962	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.108	63	91117	3.140	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.889	46	140828	52.839	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.680%
24) Chloroform-d	4.346	84	174957	5.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
26) 1,2-Dichloroethane-d4	5.030	65	72800	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.047	84	325175	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.066	67	93581	4.679	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.313	98	299847	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.625	79	22409	3.435	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.800%
46) 2-Hexanone-d5	8.088	63	126281	45.354	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.700%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	67463	4.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	111495	5.571	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.400%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	2583	0.143	ug/L #	81
8) Chloroethane	1.368	64	595331	49.157	ug/L #	52
14) Carbon disulfide	2.297	76	8849	0.158	ug/L	100
15) Methyl Acetate	2.178	43	5752	1.382	ug/L #	44
25) Chloroform	4.368	83	458041	14.576	ug/L	95
27) 1,2-Dichloroethane	5.047	62	1412	0.087	ug/L #	70
35) Methylcyclohexane	6.066	83	24043	0.729	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	9579	0.566	ug/L #	85
38) Bromodichloromethane	6.509	83	43313	2.023	ug/L	99
39) cis-1,3-Dichloropropene	6.985	75	1707	0.072	ug/L #	46
42) Toluene	7.394	91	27360	0.345	ug/L	96
49) Dibromochloromethane	8.243	129	1406	0.105	ug/L	97
61) 1,2,3-Trichloropropane	11.242	75	10636	1.391	ug/L #	63

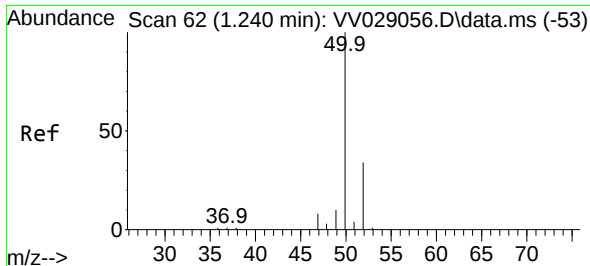
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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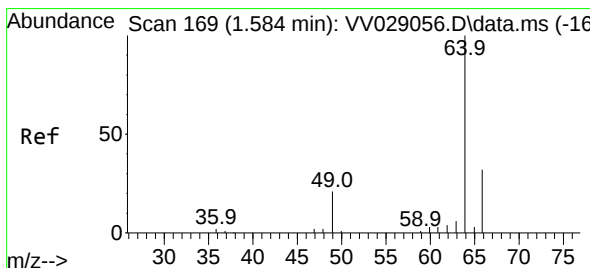
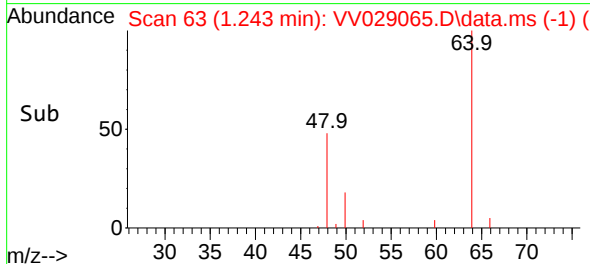
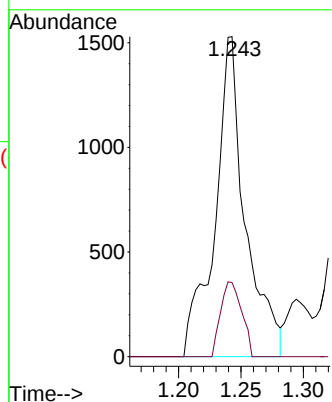
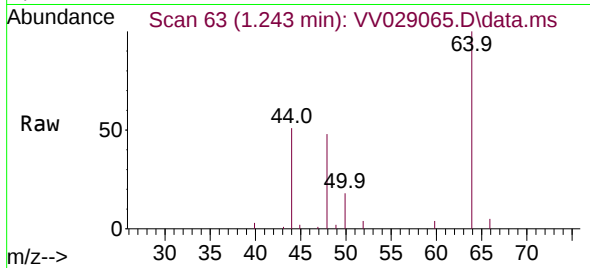




#3
Chloromethane
Concen: 0.143 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029065.D
Acq: 17 Nov 2022 15:50

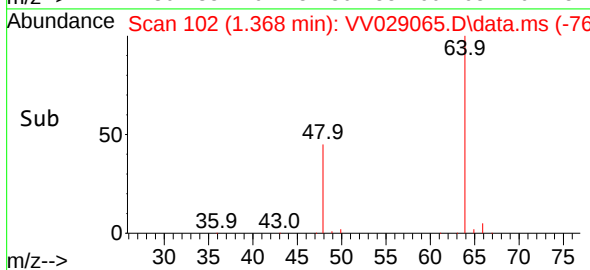
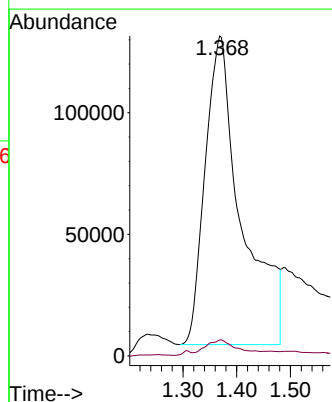
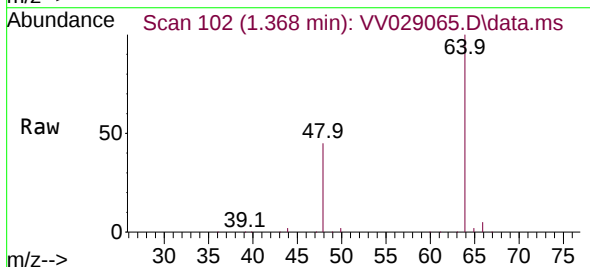
Instrument :
MSVOA_V
ClientSampleId :
COL15

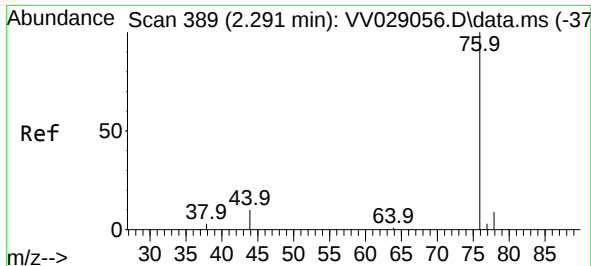
Tgt Ion: 50 Resp: 2583
Ion Ratio Lower Upper
50 100
52 23.2 23.7 43.9#



#8
Chloroethane
Concen: 49.157 ug/L
RT: 1.368 min Scan# 102
Delta R.T. -0.215 min
Lab File: VV029065.D
Acq: 17 Nov 2022 15:50

Tgt Ion: 64 Resp: 595331
Ion Ratio Lower Upper
64 100
66 5.0 22.0 40.8#

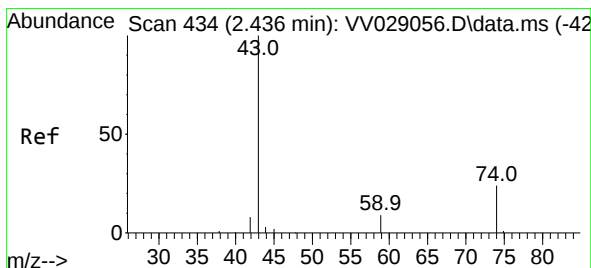
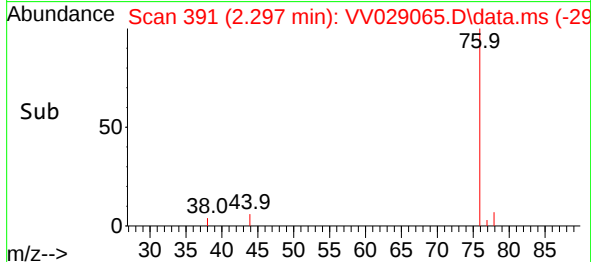
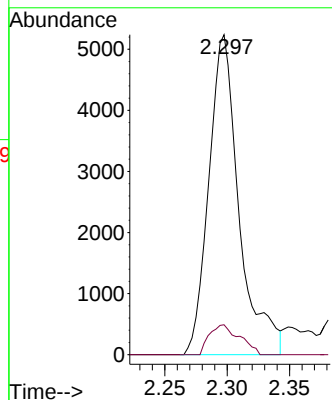
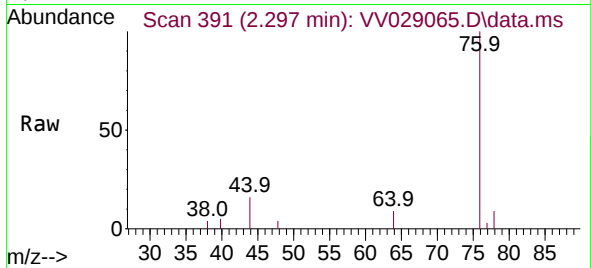




#14
Carbon disulfide
Concen: 0.158 ug/L
RT: 2.297 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV029065.D
Acq: 17 Nov 2022 15:50

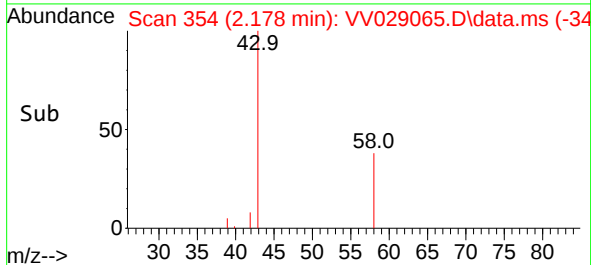
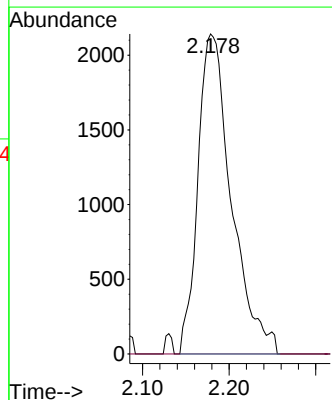
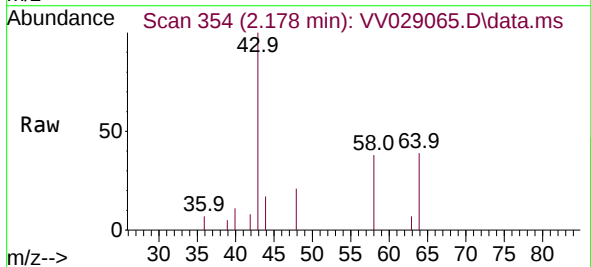
Instrument :
MSVOA_V
ClientSampleId :
COL15

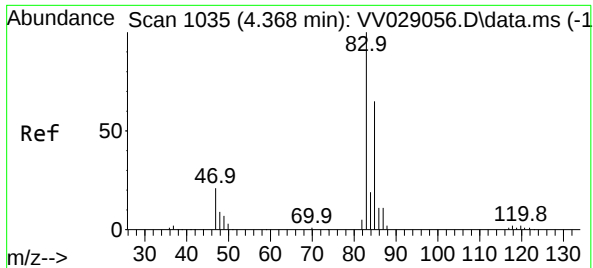
Tgt Ion: 76 Resp: 8849
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#15
Methyl Acetate
Concen: 1.382 ug/L
RT: 2.178 min Scan# 354
Delta R.T. -0.257 min
Lab File: VV029065.D
Acq: 17 Nov 2022 15:50

Tgt Ion: 43 Resp: 5752
Ion Ratio Lower Upper
43 100
74 0.0 24.6 37.0#

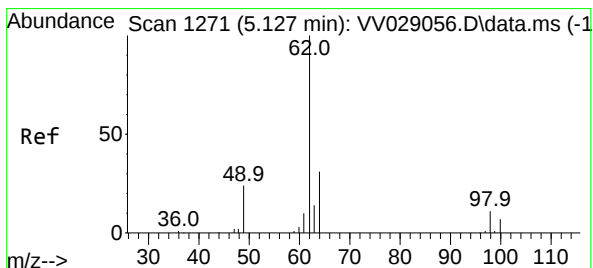
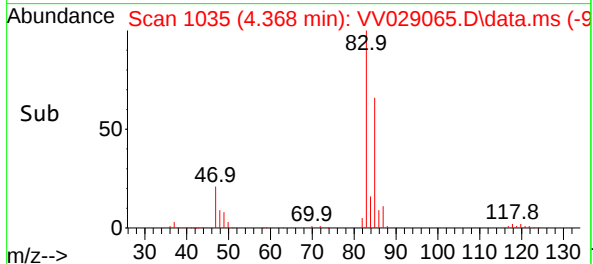
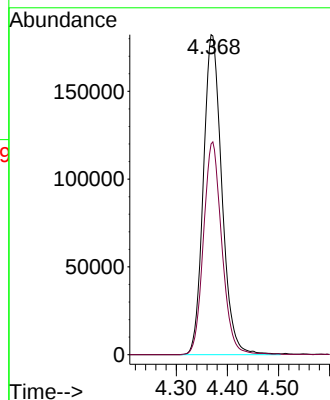
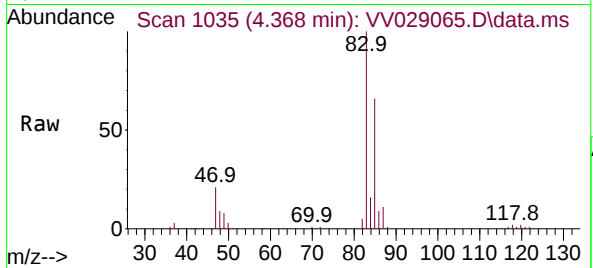




#25
Chloroform
Concen: 14.576 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VV029065.D
Acq: 17 Nov 2022 15:50

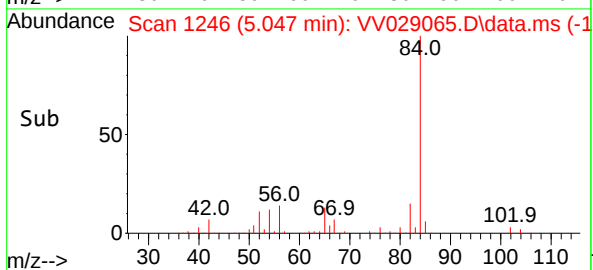
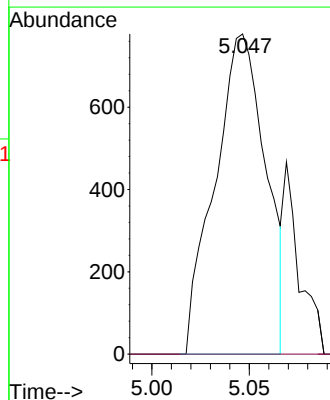
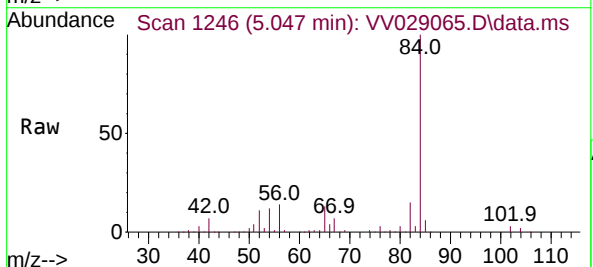
Instrument :
MSVOA_V
ClientSampleId :
COL15

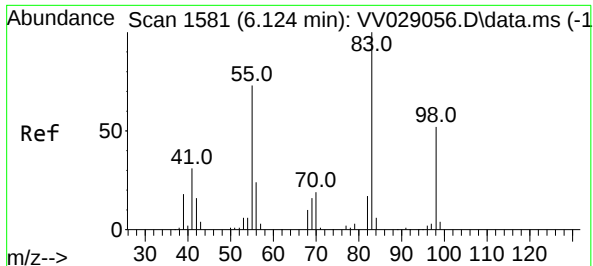
Tgt Ion: 83 Resp: 458041
Ion Ratio Lower Upper
83 100
85 65.9 43.7 81.1



#27
1,2-Dichloroethane
Concen: 0.087 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.080 min
Lab File: VV029065.D
Acq: 17 Nov 2022 15:50

Tgt Ion: 62 Resp: 1412
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.6#





#35

Methylcyclohexane

Concen: 0.729 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV029065.D

Acq: 17 Nov 2022 15:50

Instrument :

MSVOA_V

ClientSampleId :

COL15

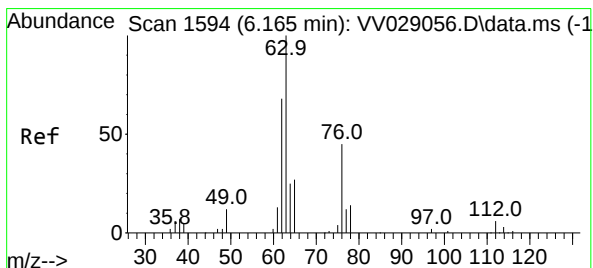
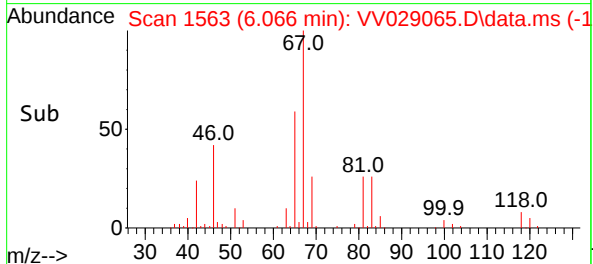
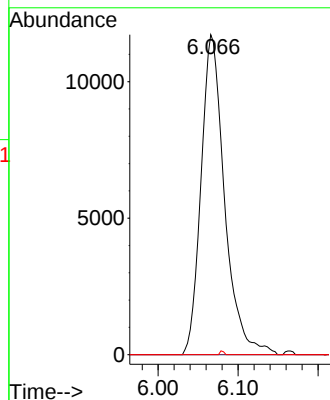
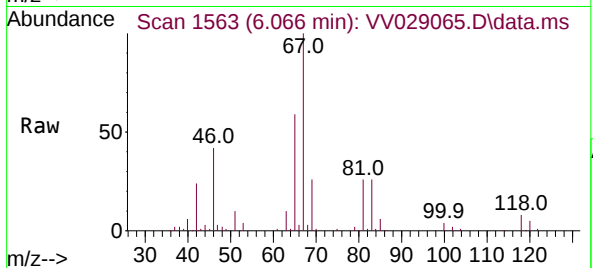
Tgt Ion: 83 Resp: 24043

Ion Ratio Lower Upper

83 100

55 0.0 55.8 83.6#

98 0.2 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.566 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.096 min

Lab File: VV029065.D

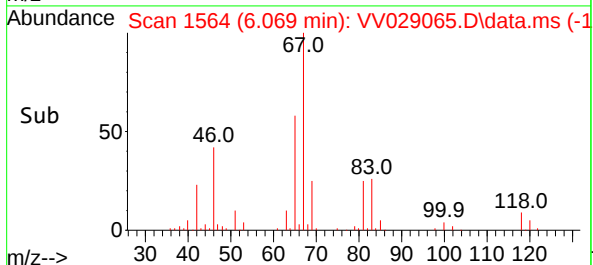
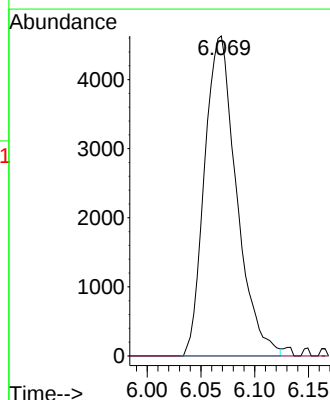
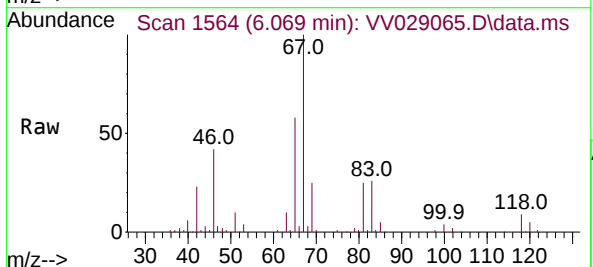
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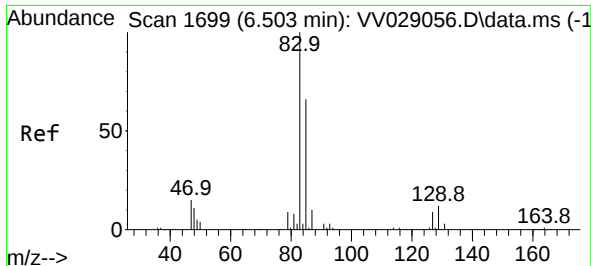
Tgt Ion: 63 Resp: 9579

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

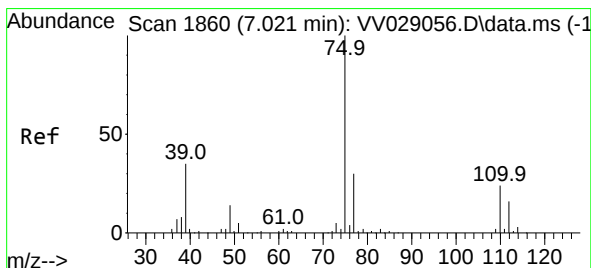
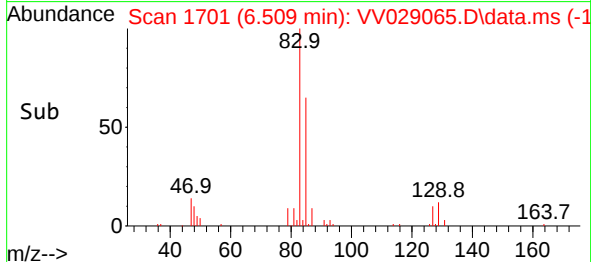
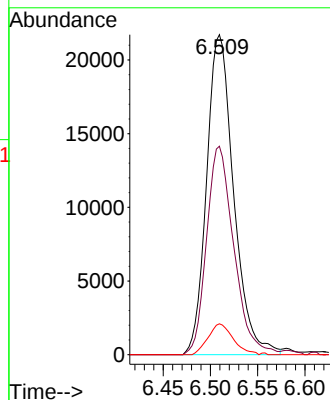
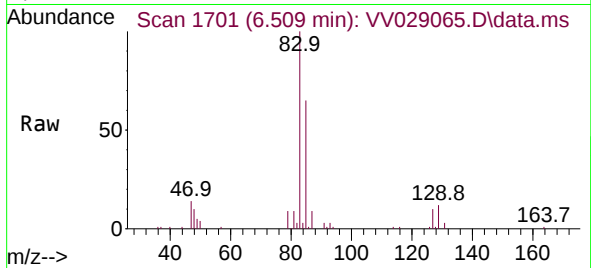




#38
Bromodichloromethane
Concen: 2.023 ug/L
RT: 6.509 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029065.D
Acq: 17 Nov 2022 15:50

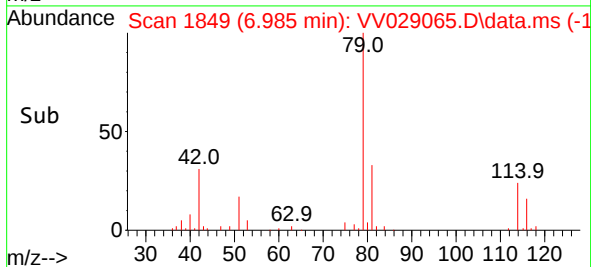
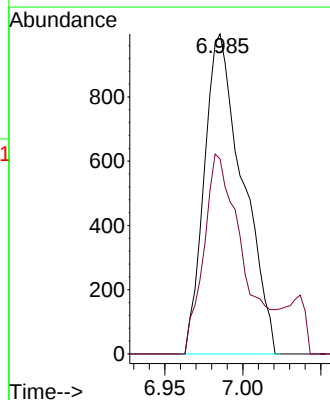
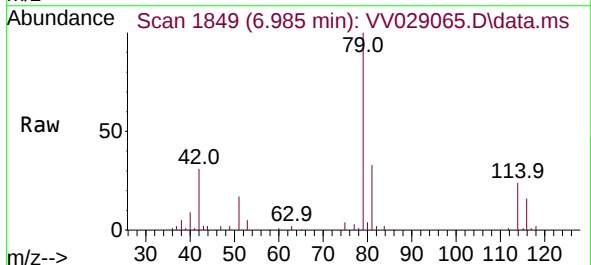
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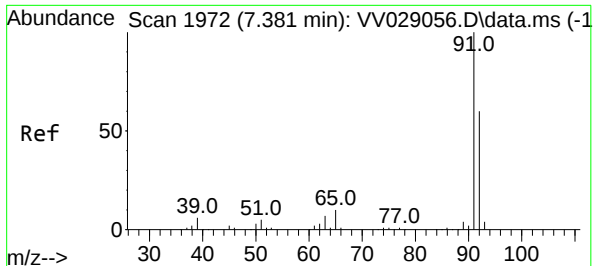
Tgt Ion: 83 Resp: 43313
Ion Ratio Lower Upper
83 100
85 65.2 46.1 85.5
127 9.6 6.7 10.1



#39
cis-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.035 min
Lab File: VV029065.D
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Tgt Ion: 75 Resp: 1707
Ion Ratio Lower Upper
75 100
77 60.9 21.8 40.6#

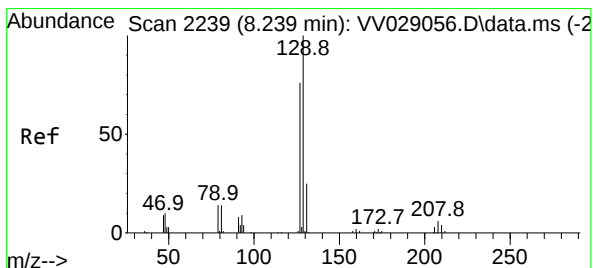
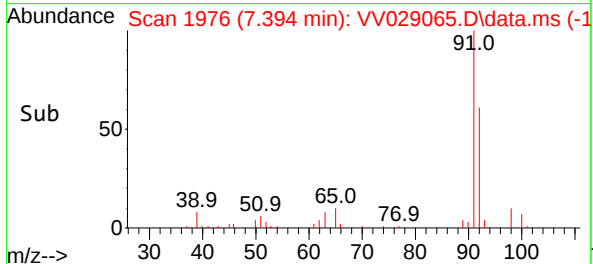
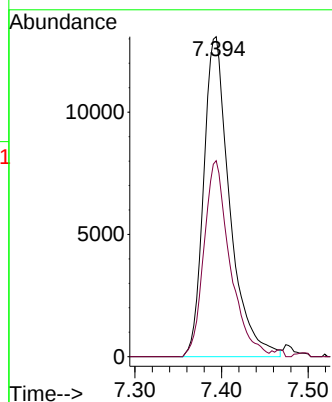
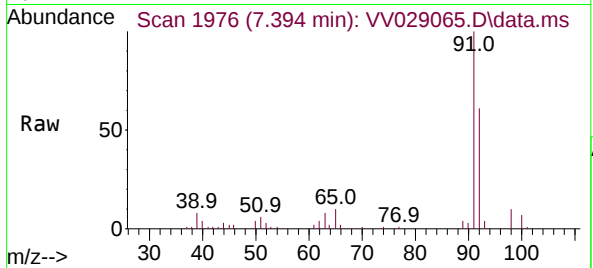




#42
Toluene
Concen: 0.345 ug/L
RT: 7.394 min Scan# 1972
Delta R.T. 0.013 min
Lab File: VV029065.D
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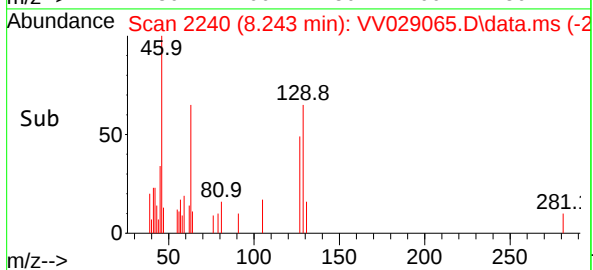
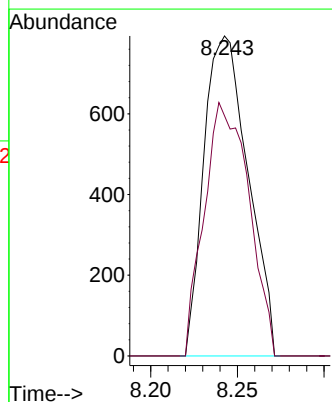
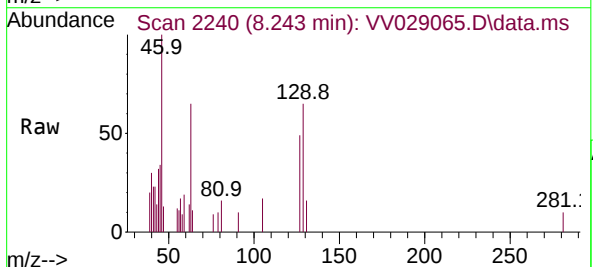
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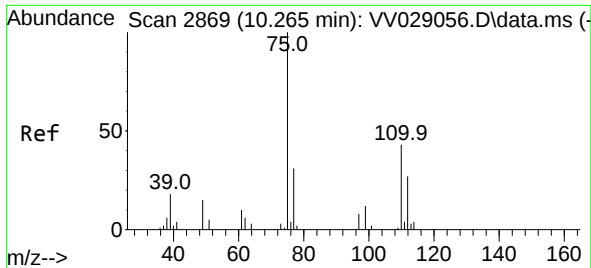
Tgt Ion: 91 Resp: 27360
Ion Ratio Lower Upper
91 100
92 61.3 40.7 75.5



#49
Dibromochloromethane
Concen: 0.105 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV029065.D
Acq: 17 Nov 2022 15:50

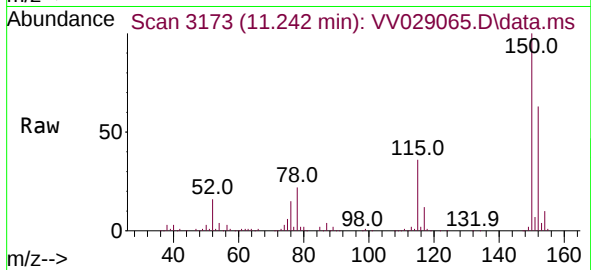
Tgt Ion: 129 Resp: 1406
Ion Ratio Lower Upper
129 100
127 75.0 54.5 101.1





#61
 1,2,3-Trichloropropane
 Concen: 1.391 ug/L
 RT: 11.242 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV029065.D
 Acq: 17 Nov 2022 15:50

Instrument :
 MSVOA_V
 ClientSampleId :
 COL15



Tgt Ion: 75 Resp: 10636
 Ion Ratio Lower Upper
 75 100
 77 35.8 26.2 39.2
 110 1.6 32.6 48.8#

