

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
 Data File : VV029067.D
 Acq On : 17 Nov 2022 16:37
 Operator : SY/MD
 Sample : N5628-02DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL12DL

Quant Time: Nov 18 01:43:29 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)

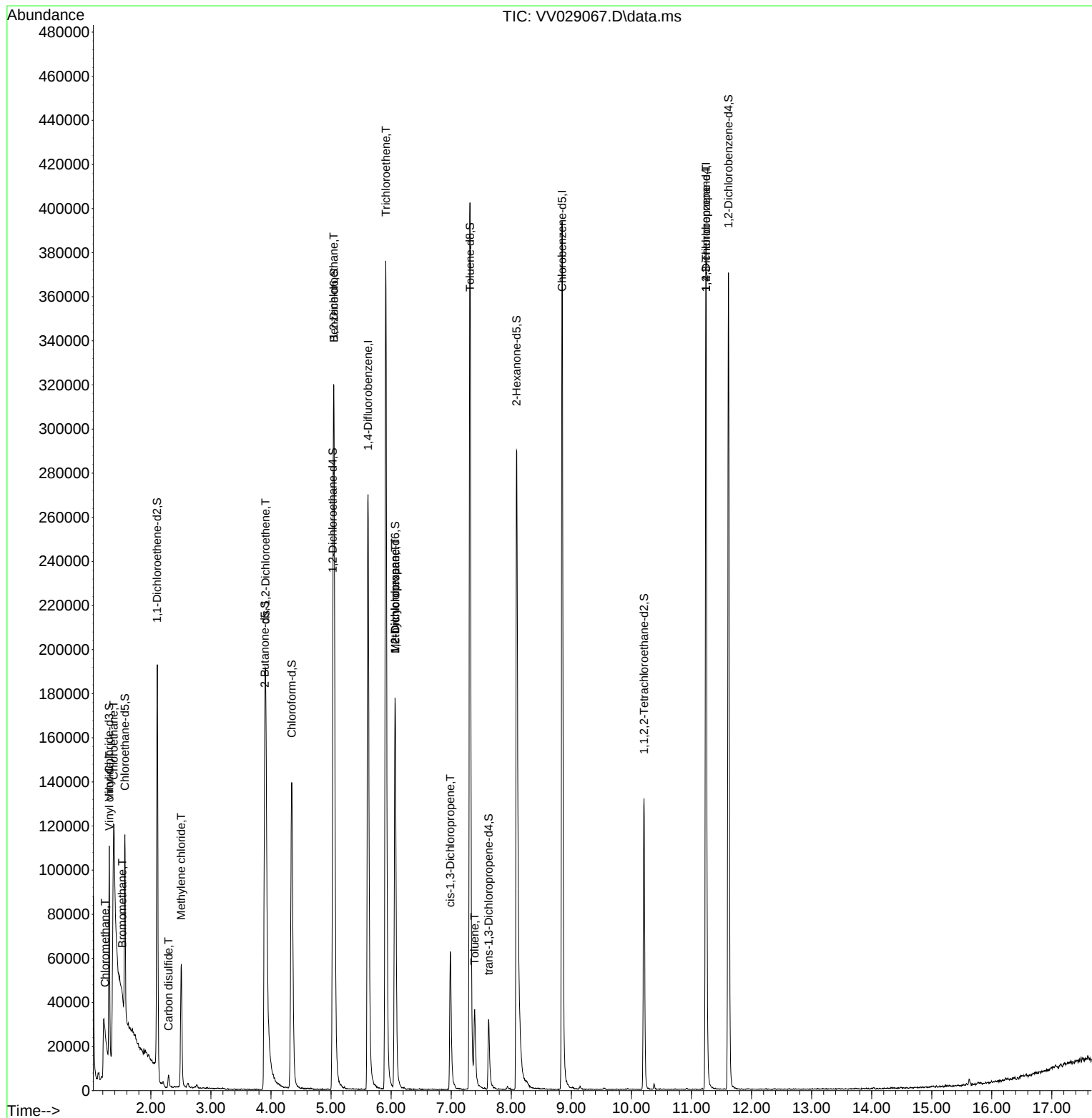
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	262460	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	244164	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	113603	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	65716	4.107	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.568	69	52420	3.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.105	63	90781	3.113	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.200%
20) 2-Butanone-d5	3.896	46	135132	50.451	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.900%
24) Chloroform-d	4.346	84	154764	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.031	65	72552	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.047	84	320951	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.066	67	92286	4.535	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.313	98	291613	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.622	79	21076	3.175	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.600%
46) 2-Hexanone-d5	8.088	63	127033	44.838	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.680%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	66462	4.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	107472	5.288	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2430	0.134	ug/L	90
5) Vinyl chloride	1.310	62	5310	0.256	ug/L #	1
6) Bromomethane	1.523	94	790	0.064	ug/L	84
8) Chloroethane	1.381	64	309849	25.458	ug/L #	53
14) Carbon disulfide	2.294	76	7599	0.135	ug/L	97
16) Methylene chloride	2.507	84	25334	1.233	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	76022	4.058	ug/L	96
27) 1,2-Dichloroethane	5.043	62	1633	0.100	ug/L #	70
34) Trichloroethene	5.912	95	137005	7.172	ug/L	97
35) Methylcyclohexane	6.066	83	23458	0.699	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10082	0.586	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1576	0.066	ug/L #	44
42) Toluene	7.391	91	28674	0.356	ug/L	96
61) 1,2,3-Trichloropropane	11.243	75	11153	1.437	ug/L #	66

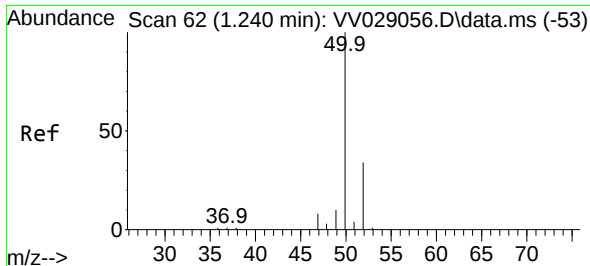
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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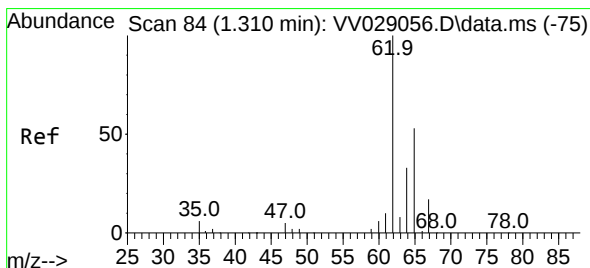
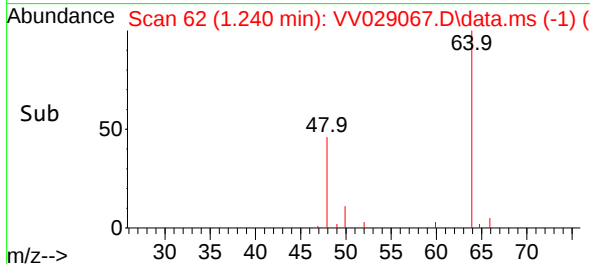
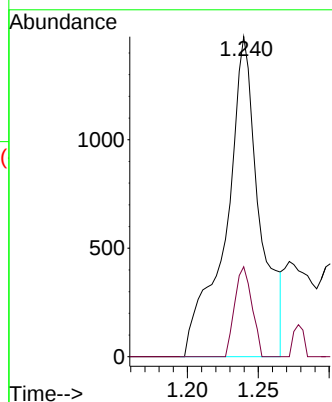
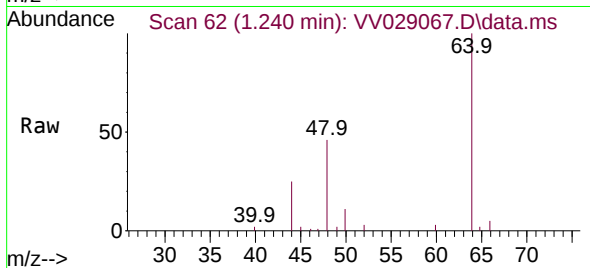




#3
Chloromethane
Concen: 0.134 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029067.D
Acq: 17 Nov 2022 16:37

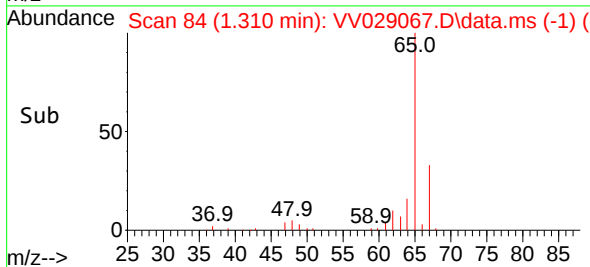
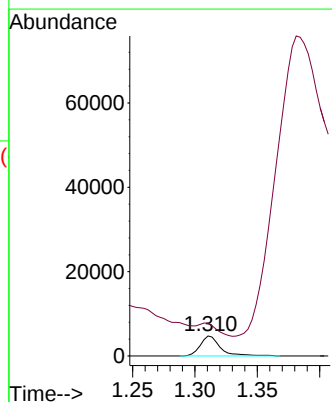
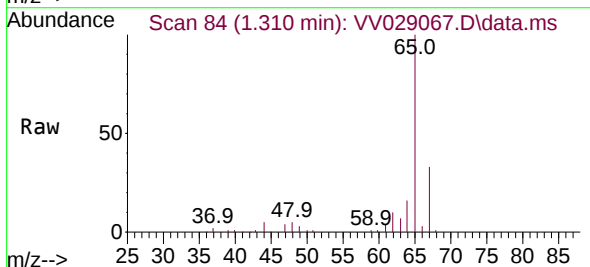
Instrument :
MSVOA_V
ClientSampleId :
COL12DL

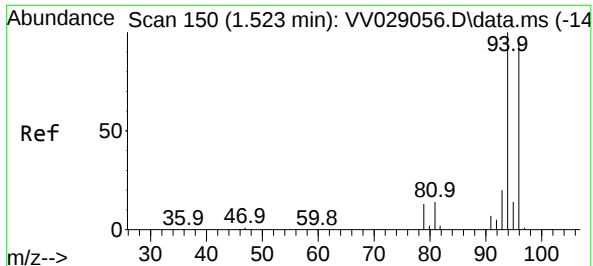
Tgt Ion: 50 Resp: 2430
Ion Ratio Lower Upper
50 100
52 28.1 23.7 43.9



#5
Vinyl chloride
Concen: 0.256 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029067.D
Acq: 17 Nov 2022 16:37

Tgt Ion: 62 Resp: 5310
Ion Ratio Lower Upper
62 100
64 163.8 22.8 42.4#

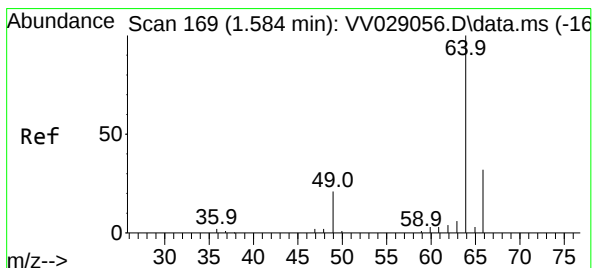
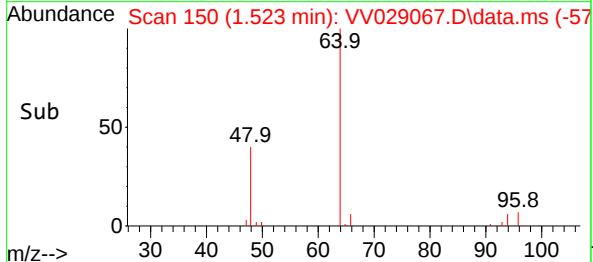
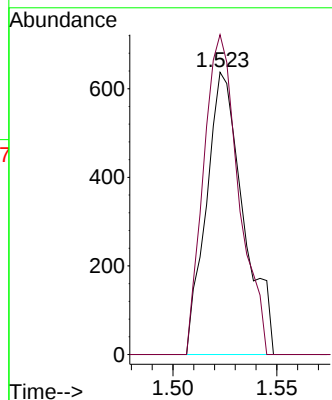
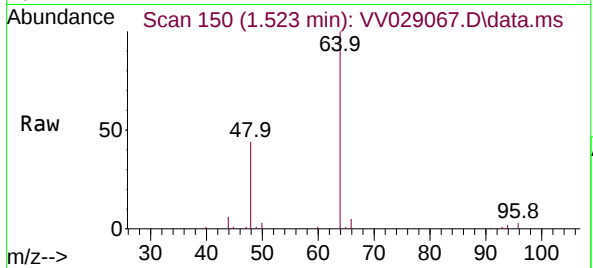




#6
Bromomethane
Concen: 0.064 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029067.D
Acq: 17 Nov 2022 16:37

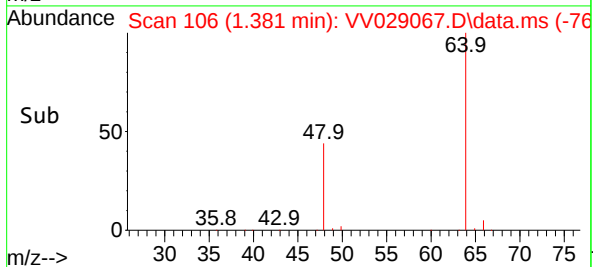
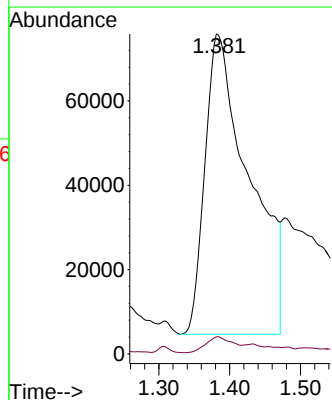
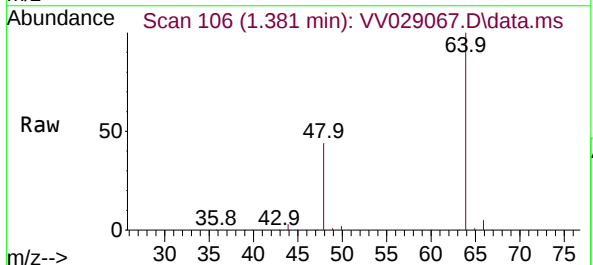
Instrument :
MSVOA_V
ClientSampleId :
COL12DL

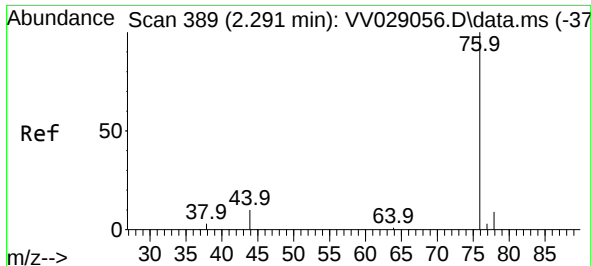
Tgt Ion: 94 Resp: 790
Ion Ratio Lower Upper
94 100
96 113.3 68.5 127.3



#8
Chloroethane
Concen: 25.458 ug/L
RT: 1.381 min Scan# 106
Delta R.T. -0.202 min
Lab File: VV029067.D
Acq: 17 Nov 2022 16:37

Tgt Ion: 64 Resp: 309849
Ion Ratio Lower Upper
64 100
66 5.3 22.0 40.8#

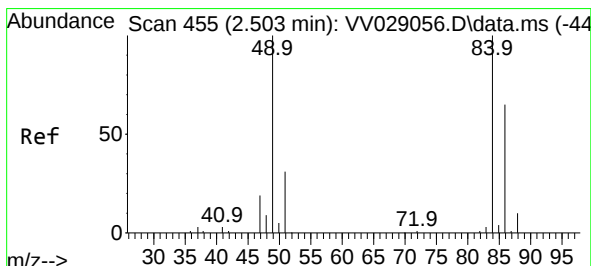
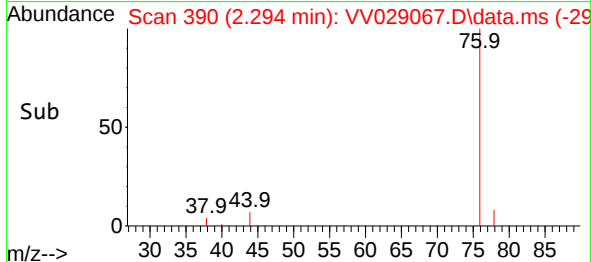
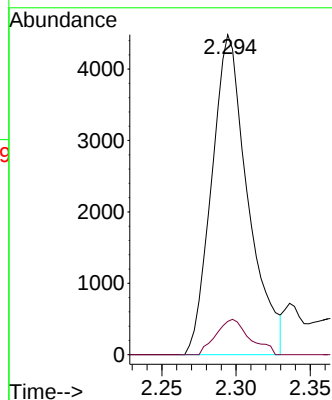
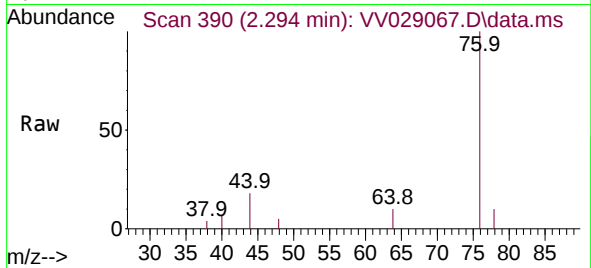




#14
Carbon disulfide
Concen: 0.135 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV029067.D
Acq: 17 Nov 2022 16:37

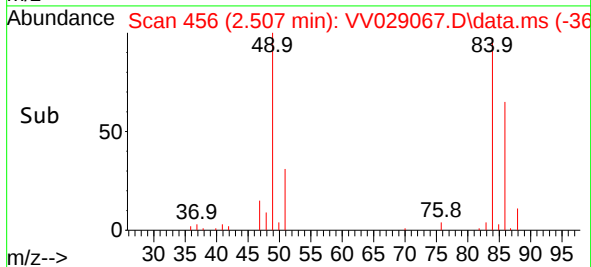
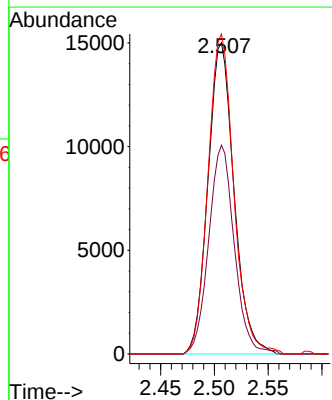
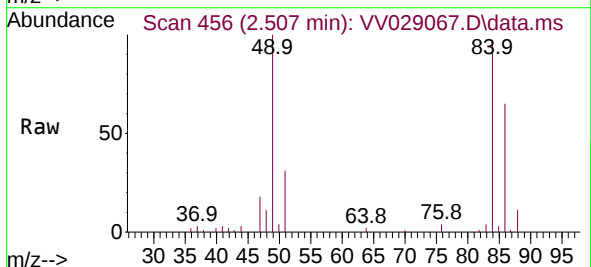
Instrument :
MSVOA_V
ClientSampleId :
COL12DL

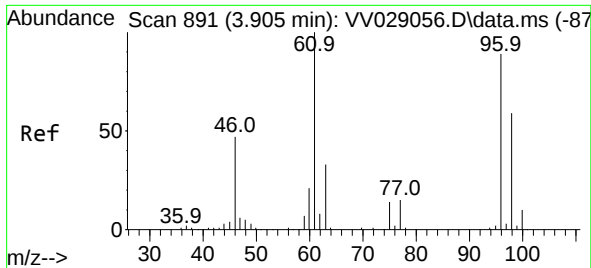
Tgt Ion: 76 Resp: 7599
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.2



#16
Methylene chloride
Concen: 1.233 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV029067.D
Acq: 17 Nov 2022 16:37

Tgt Ion: 84 Resp: 25334
Ion Ratio Lower Upper
84 100
86 67.1 45.8 85.0
49 102.8 75.5 140.1

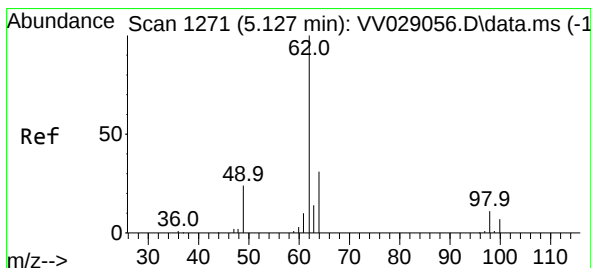
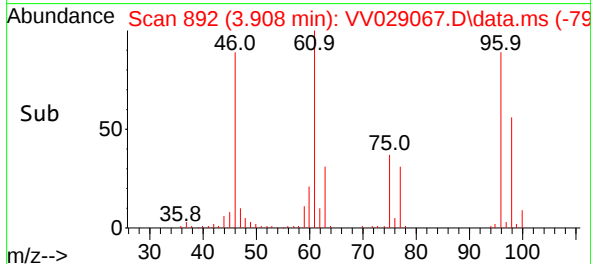
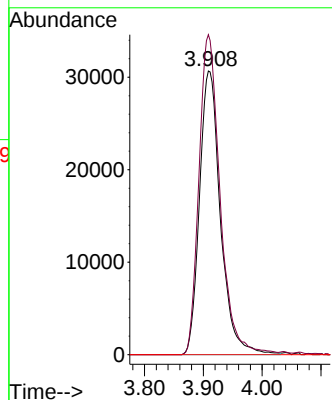
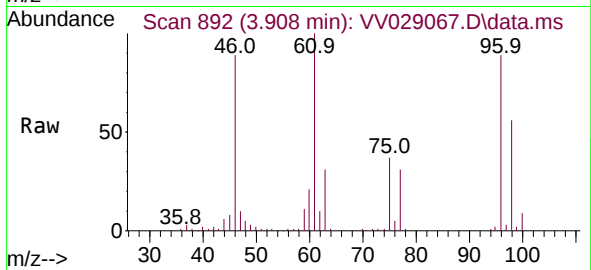




#22
 cis-1,2-Dichloroethene
 Concen: 4.058 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV029067.D
 Acq: 17 Nov 2022 16:37

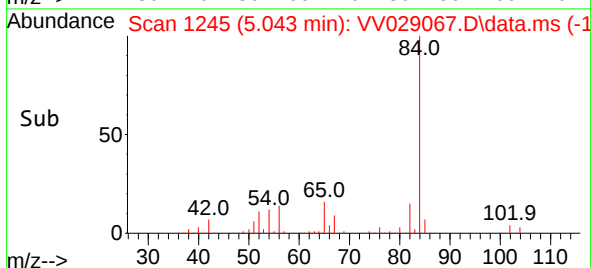
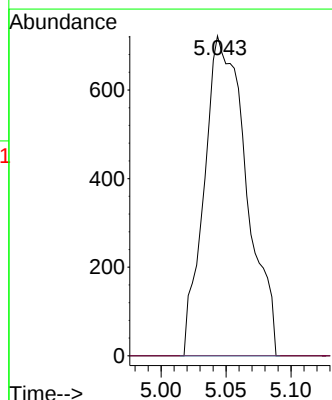
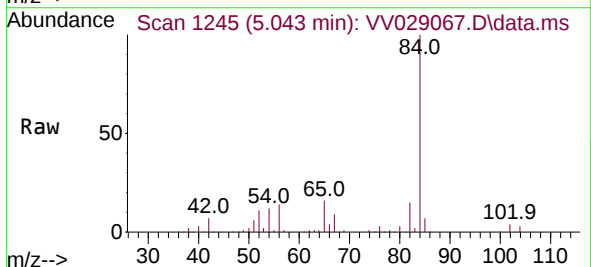
Instrument :
 MSVOA_V
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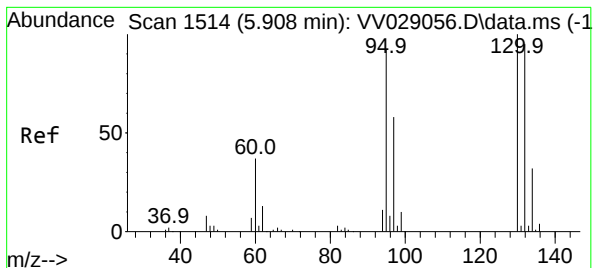
Tgt Ion: 96 Resp: 76022
 Ion Ratio Lower Upper
 96 100
 61 112.8 82.3 152.9
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.100 ug/L
 RT: 5.043 min Scan# 1245
 Delta R.T. -0.083 min
 Lab File: VV029067.D
 Acq: 17 Nov 2022 16:37

Tgt Ion: 62 Resp: 1633
 Ion Ratio Lower Upper
 62 100
 98 0.0 9.0 13.6#





#34

Trichloroethene

Concen: 7.172 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029067.D

Acq: 17 Nov 2022 16:37

Instrument :

MSVOA_V

ClientSampleId :

COL12DL

Tgt Ion: 95 Resp: 137005

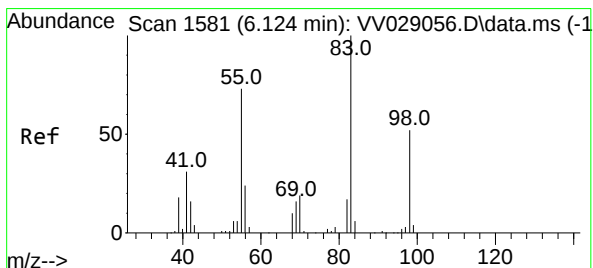
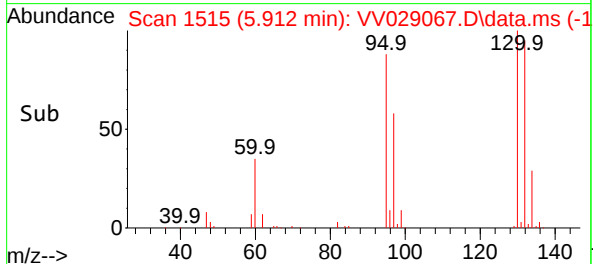
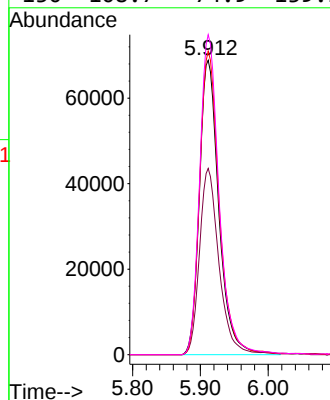
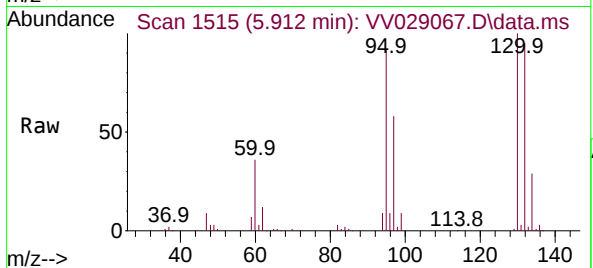
Ion Ratio Lower Upper

95 100

97 63.3 45.6 84.8

132 103.1 69.1 128.3

130 108.7 74.9 139.1



#35

Methylcyclohexane

Concen: 0.699 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV029067.D

Acq: 17 Nov 2022 16:37

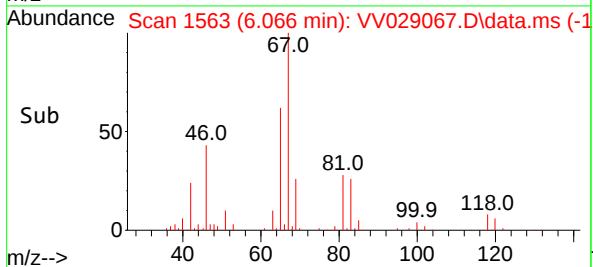
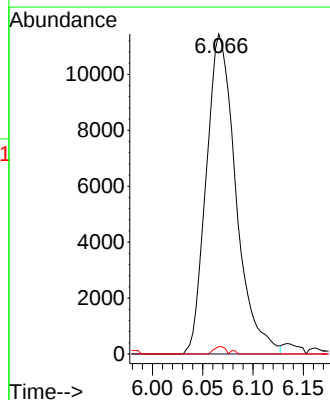
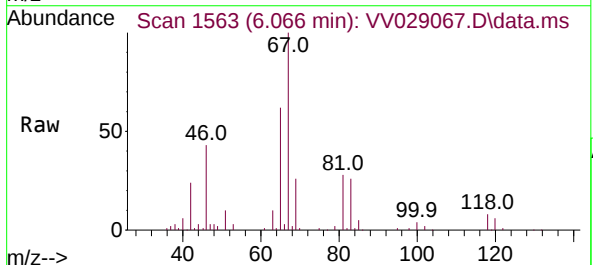
Tgt Ion: 83 Resp: 23458

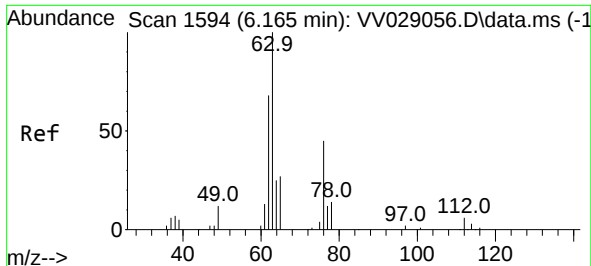
Ion Ratio Lower Upper

83 100

55 0.0 55.8 83.6#

98 0.9 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.586 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV029067.D

Acq: 17 Nov 2022 16:37

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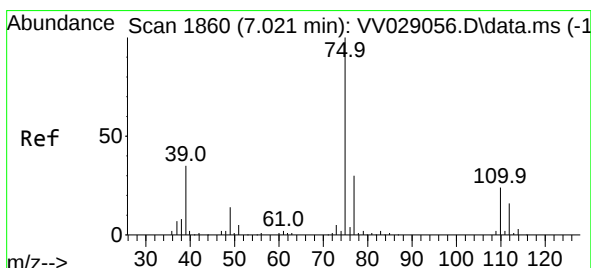
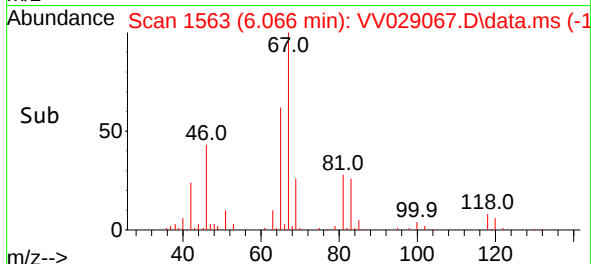
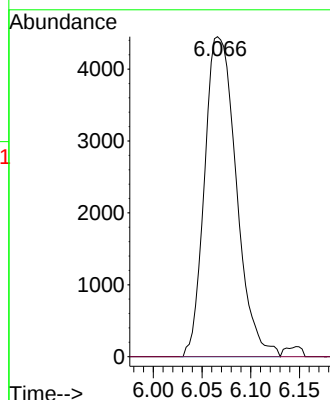
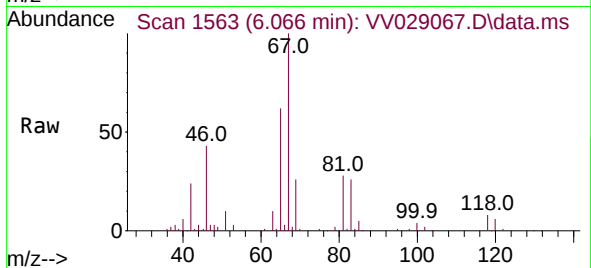
COL12DL

Tgt Ion: 63 Resp: 10082

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.035 min

Lab File: VV029067.D

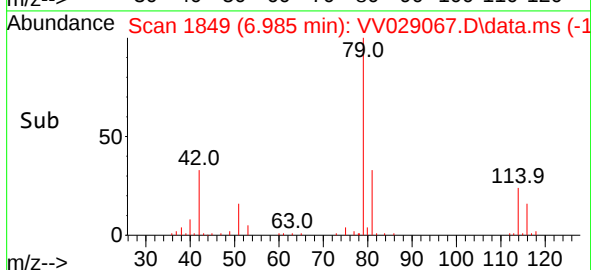
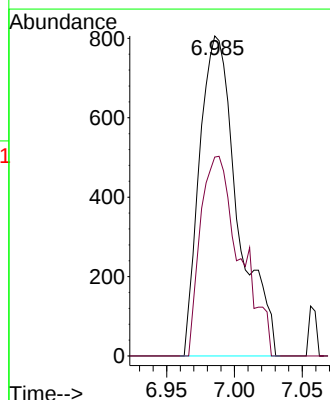
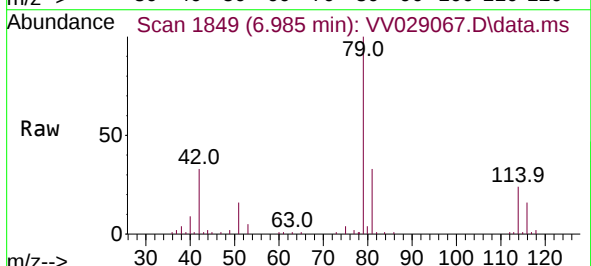
Acq: 17 Nov 2022 16:37

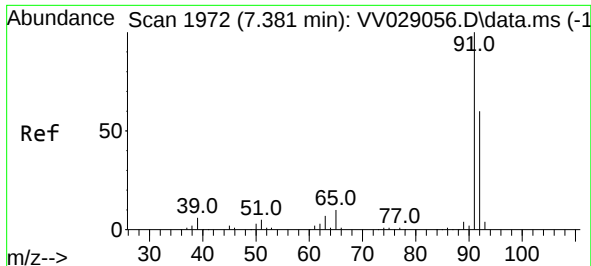
Tgt Ion: 75 Resp: 1576

Ion Ratio Lower Upper

75 100

77 62.2 21.8 40.6#





#42

Toluene

Concen: 0.356 ug/L

RT: 7.391 min Scan# 1972

Delta R.T. 0.010 min

Lab File: VV029067.D

Acq: 17 Nov 2022 16:37

Instrument :

MSVOA_V

ClientSampleId :

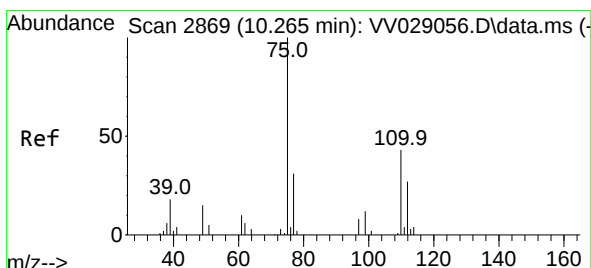
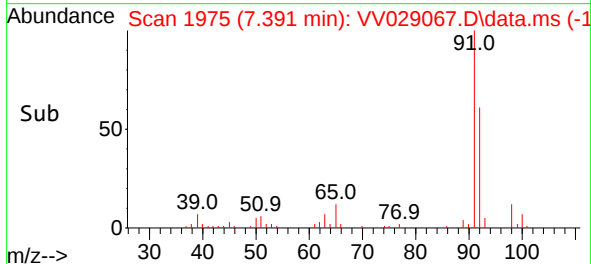
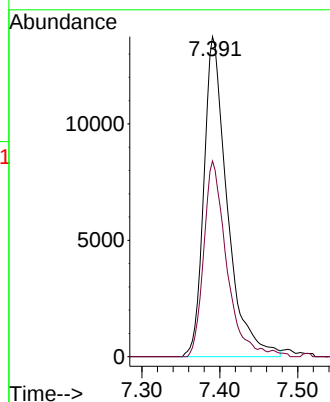
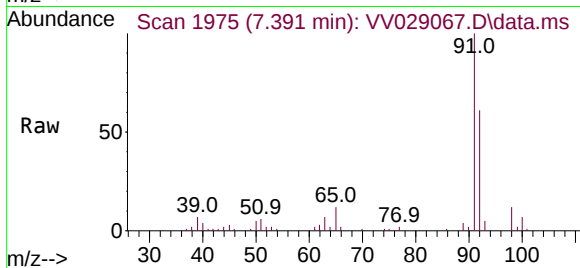
COL12DL

Tgt Ion: 91 Resp: 28674

Ion Ratio Lower Upper

91 100

92 61.2 40.7 75.5



#61

1,2,3-Trichloropropane

Concen: 1.437 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.978 min

Lab File: VV029067.D

Acq: 17 Nov 2022 16:37

Tgt Ion: 75 Resp: 11153

Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

110 2.1 32.6 48.8#

