

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
 Data File : VV027375.D
 Acq On : 13 Aug 2022 18:00
 Operator : SY/MD
 Sample : N4162-20DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 21:53:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 21:49:38 2022
 Response via : Initial Calibration

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

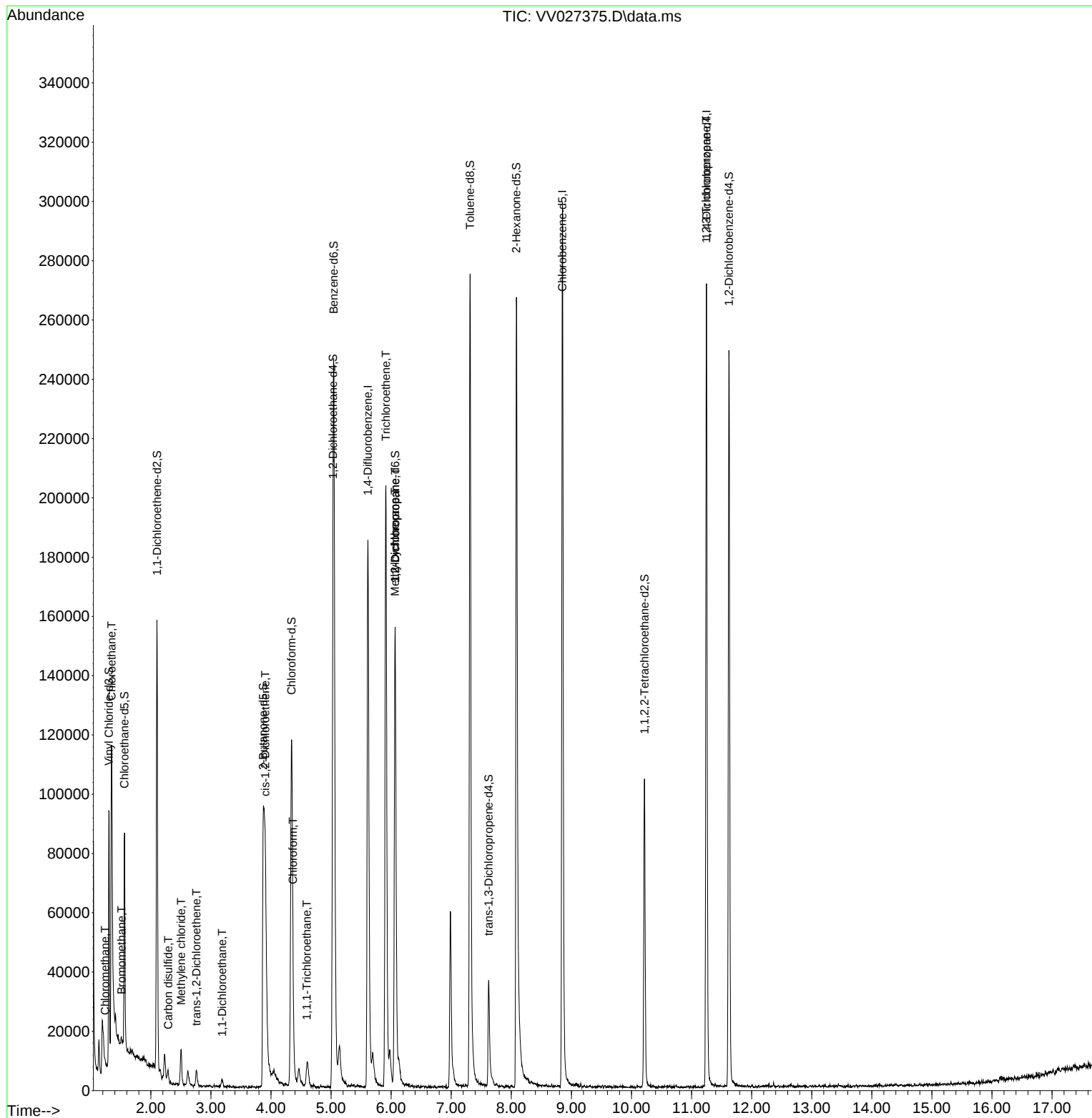
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	153040	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	165138	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69782	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	60306	4.536	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.800%	
7) Chloroethane-d5	1.561	69	47386	4.907	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.200%	
11) 1,1-Dichloroethene-d2	2.101	63	80462	3.337	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.800%	
20) 2-Butanone-d5	3.870	46	123009	54.627	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.260%	
24) Chloroform-d	4.342	84	122714	5.032	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
26) 1,2-Dichloroethane-d4	5.030	65	59426	5.115	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
32) Benzene-d6	5.043	84	218426	4.484	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
36) 1,2-Dichloropropane-d6	6.066	67	72066	4.785	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.600%	
41) Toluene-d8	7.313	98	183941	4.124	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.400%	
43) trans-1,3-Dichloroprop...	7.622	79	21859	4.190	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.800%	
46) 2-Hexanone-d5	8.085	63	87272	43.223	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.440%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	50962	4.677	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	64351	5.343	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.800%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	689	0.038	ug/L	98
6) Bromomethane	1.513	94	630	0.080	ug/L	92
8) Chloroethane	1.346	64	147921	15.679	ug/L #	52
14) Carbon disulfide	2.291	76	2823	0.064	ug/L	100
16) Methylene chloride	2.503	84	4489	0.254	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	1800	0.133	ug/L	88
19) 1,1-Dichloroethane	3.185	63	2500	0.096	ug/L #	87
22) cis-1,2-Dichloroethene	3.905	96	25078	1.881	ug/L	96
25) Chloroform	4.365	83	2032	0.076	ug/L #	58
29) 1,1,1-Trichloroethane	4.596	97	6351	0.273	ug/L	96
34) Trichloroethene	5.911	95	70762	5.037	ug/L	99
35) Methylcyclohexane	6.063	83	17754	0.918	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	8540	0.612	ug/L #	85
61) 1,2,3-Trichloropropane	11.246	75	8828	1.314	ug/L #	68

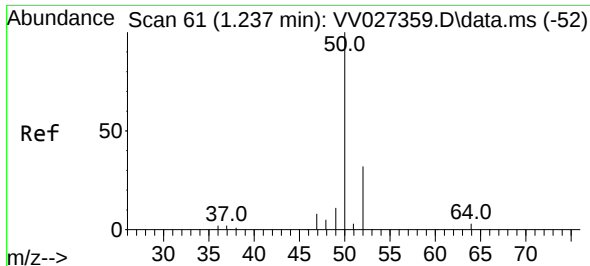
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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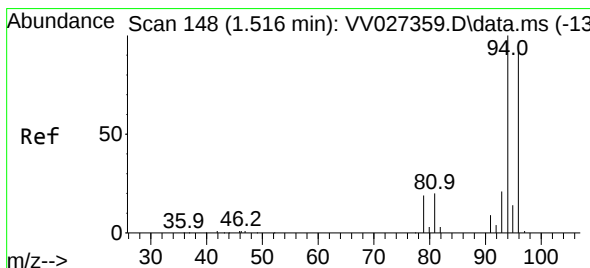
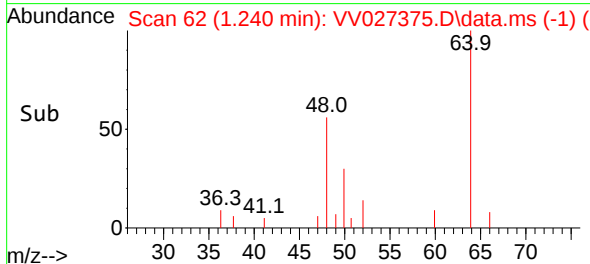
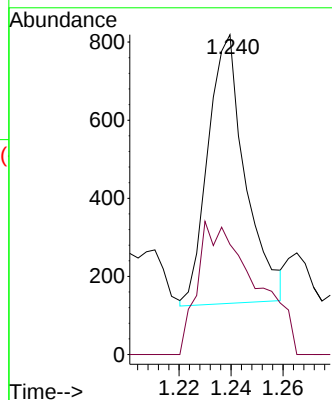
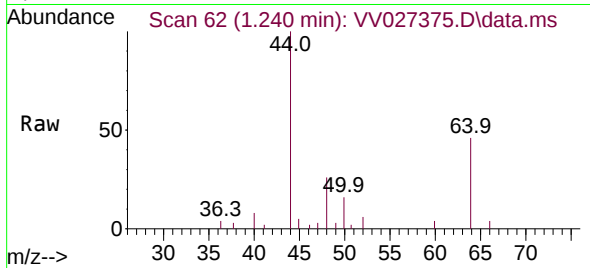




#3
Chloromethane
Concen: 0.038 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027375.D
Acq: 13 Aug 2022 18:00

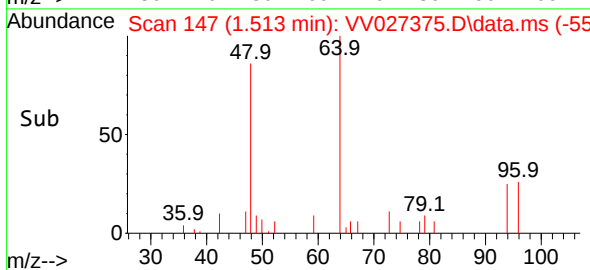
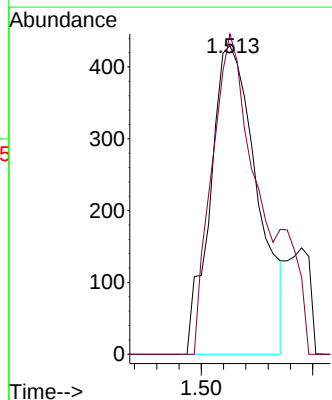
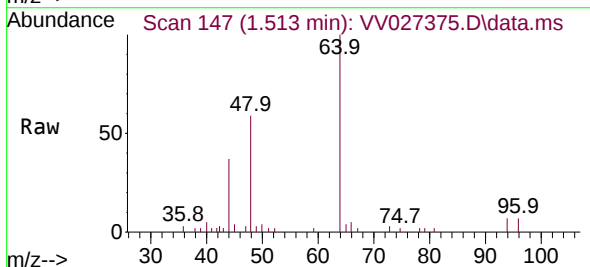
Instrument :
MSVOA_V
ClientSampleId :

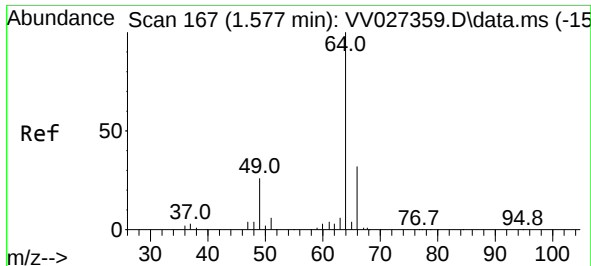
Tgt Ion: 50 Resp: 689
Ion Ratio Lower Upper
50 100
52 34.4 23.4 43.4



#6
Bromomethane
Concen: 0.080 ug/L
RT: 1.513 min Scan# 147
Delta R.T. -0.003 min
Lab File: VV027375.D
Acq: 13 Aug 2022 18:00

Tgt Ion: 94 Resp: 630
Ion Ratio Lower Upper
94 100
96 103.7 67.2 124.8





#8

Chloroethane

Concen: 15.679 ug/L

RT: 1.346 min Scan# 91

Delta R.T. -0.232 min

Lab File: VV027375.D

Acq: 13 Aug 2022 18:00

Instrument :

MSVOA_V

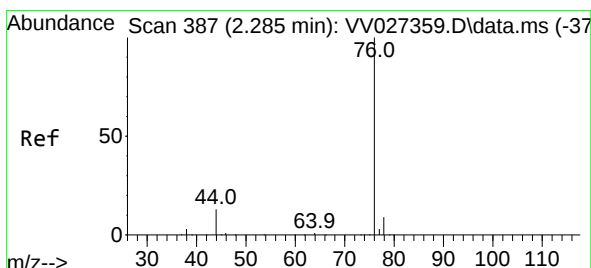
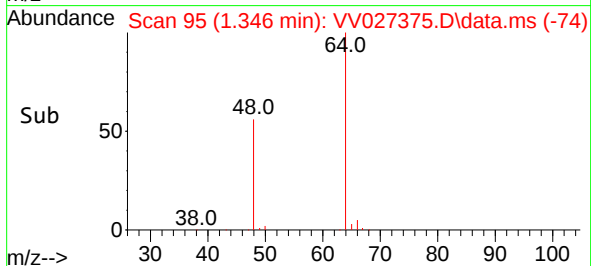
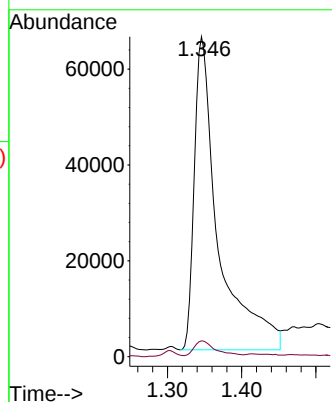
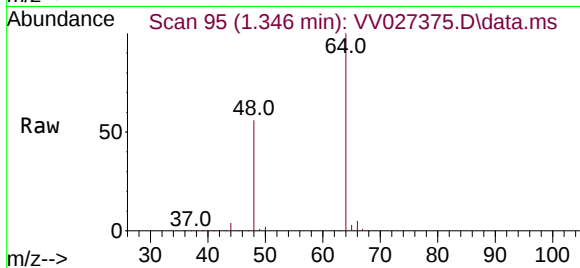
ClientSampleId :

Tgt Ion: 64 Resp: 147921

Ion Ratio Lower Upper

64 100

66 4.9 22.3 41.5#



#14

Carbon disulfide

Concen: 0.064 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.006 min

Lab File: VV027375.D

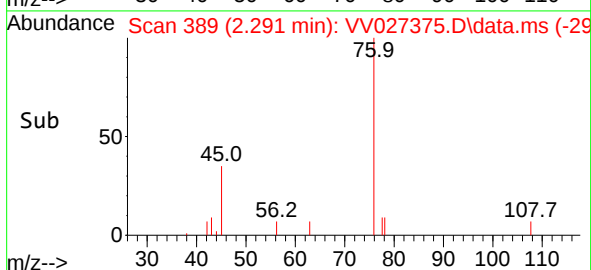
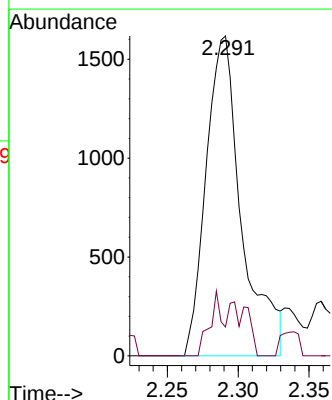
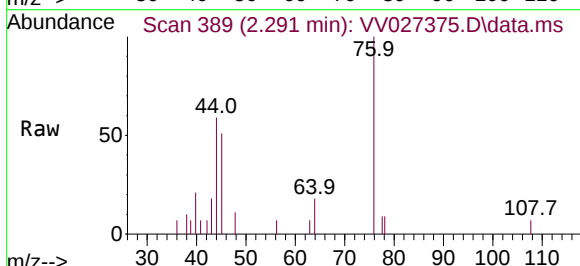
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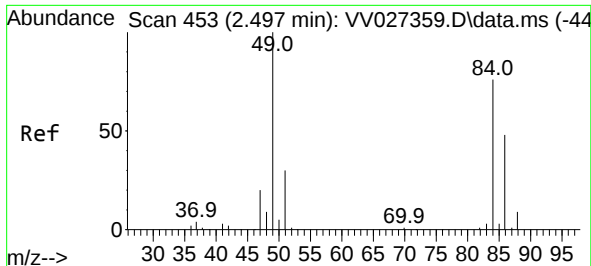
Tgt Ion: 76 Resp: 2823

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

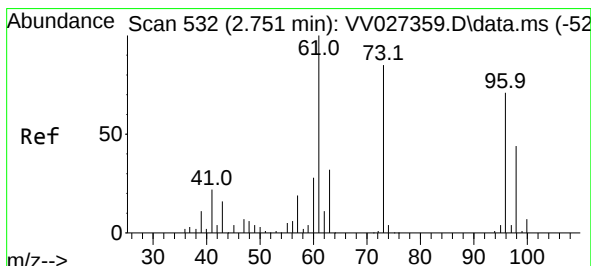
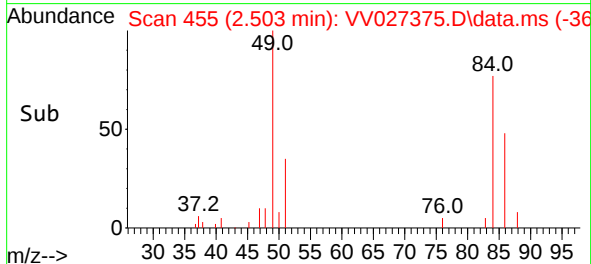
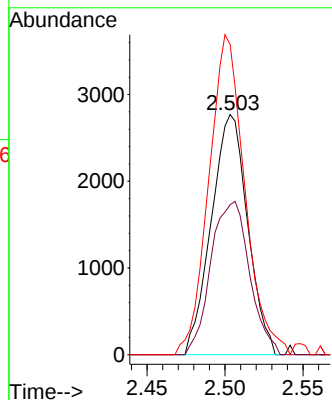
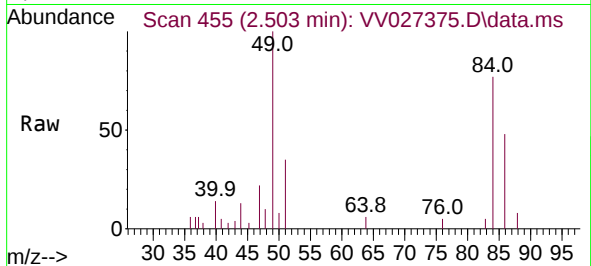




#16
Methylene chloride
Concen: 0.254 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV027375.D
Acq: 13 Aug 2022 18:00

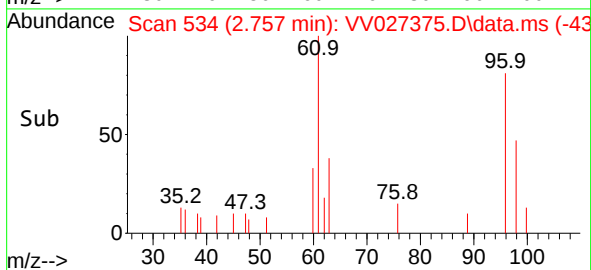
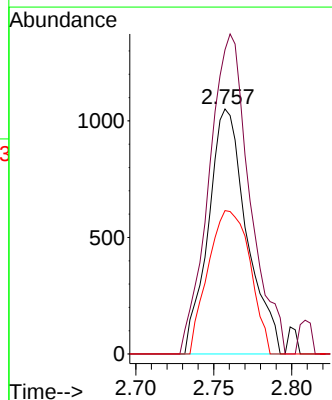
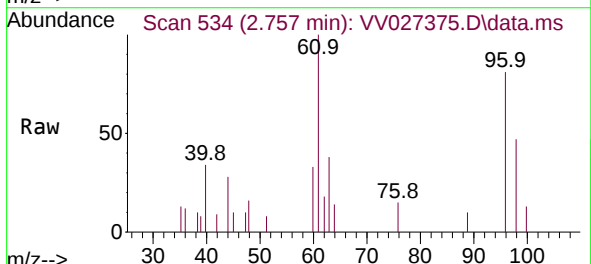
Instrument :
MSVOA_V
ClientSampleId :

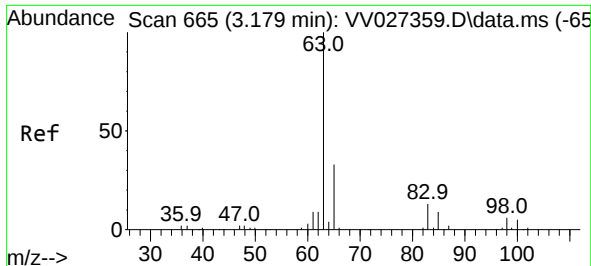
Tgt Ion: 84 Resp: 4489
Ion Ratio Lower Upper
84 100
86 62.4 45.1 83.9
49 129.1 91.2 169.4



#18
trans-1,2-Dichloroethene
Concen: 0.133 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV027375.D
Acq: 13 Aug 2022 18:00

Tgt Ion: 96 Resp: 1800
Ion Ratio Lower Upper
96 100
61 124.2 99.6 185.0
98 58.5 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.096 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV027375.D

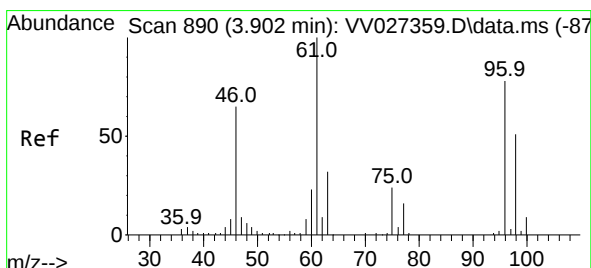
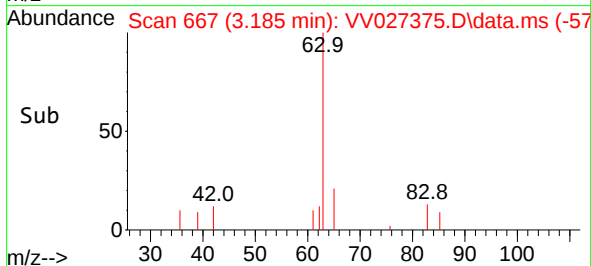
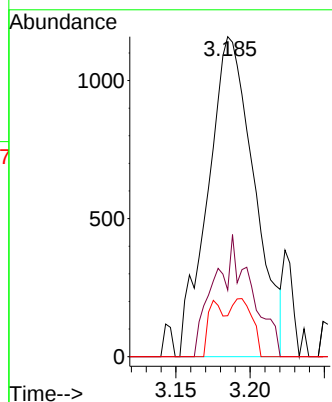
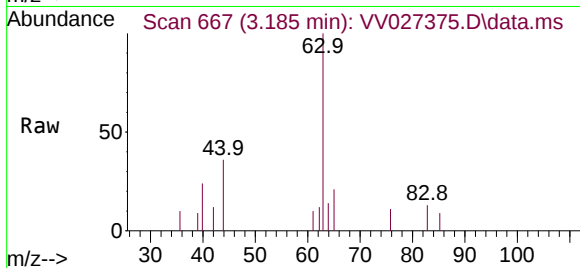
Acq: 13 Aug 2022 18:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 2500
Ion Ratio	Lower Upper
63 100	
65 20.8	21.6 40.2#
83 12.8	9.3 17.3



#22

cis-1,2-Dichloroethene

Concen: 1.881 ug/L

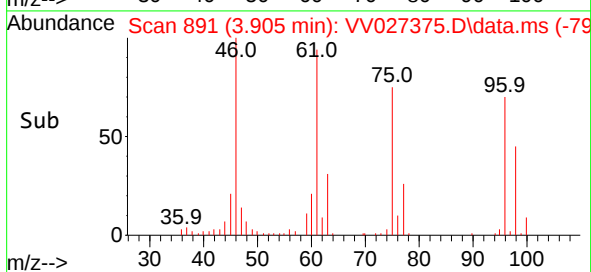
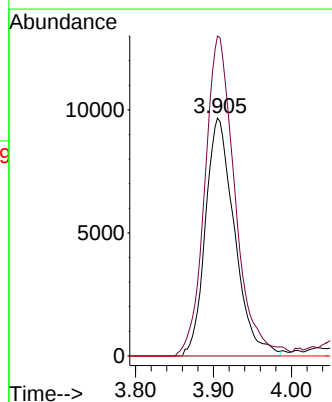
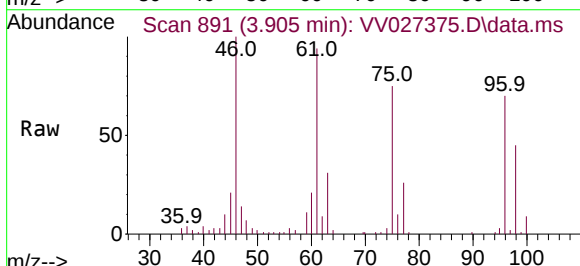
RT: 3.905 min Scan# 891

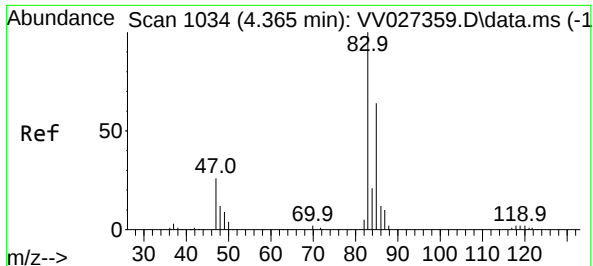
Delta R.T. 0.003 min

Lab File: VV027375.D

Acq: 13 Aug 2022 18:00

Tgt Ion: 96	Resp: 25078
Ion Ratio	Lower Upper
96 100	
61 134.5	91.3 169.5
68 0.0	0.0 0.0





#25

Chloroform

Concen: 0.076 ug/L

RT: 4.365 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VV027375.D

Acq: 13 Aug 2022 18:00

Instrument :

MSVOA_V

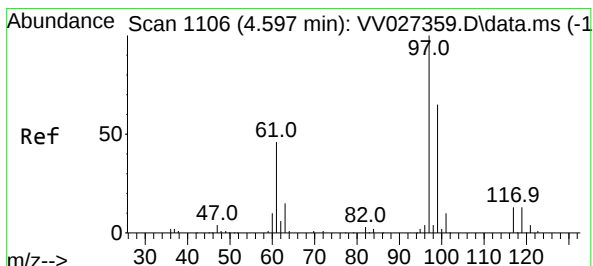
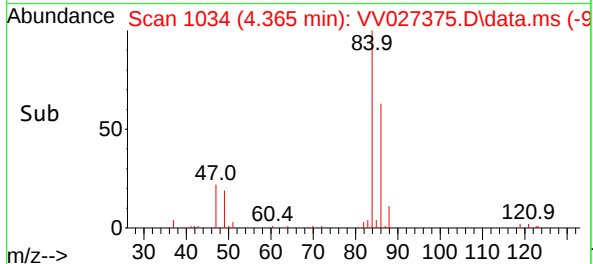
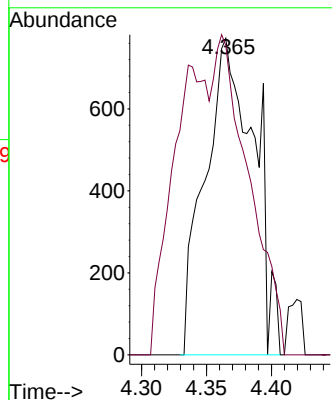
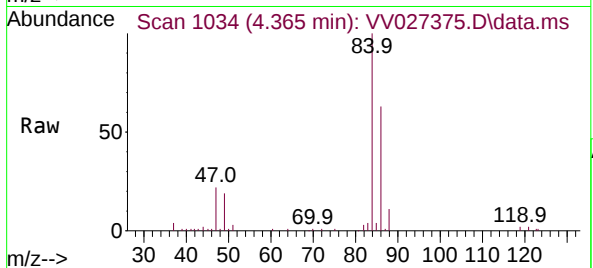
ClientSampleId :

Tgt Ion: 83 Resp: 2032

Ion Ratio Lower Upper

83 100

85 97.8 45.2 84.0#



#29

1,1,1-Trichloroethane

Concen: 0.273 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VV027375.D

Acq: 13 Aug 2022 18:00

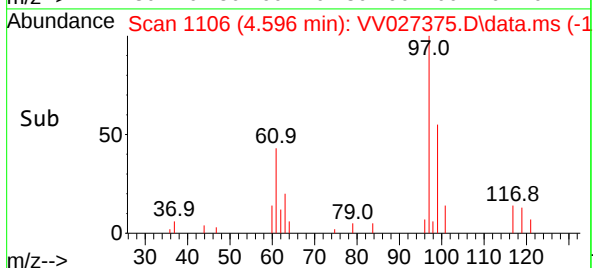
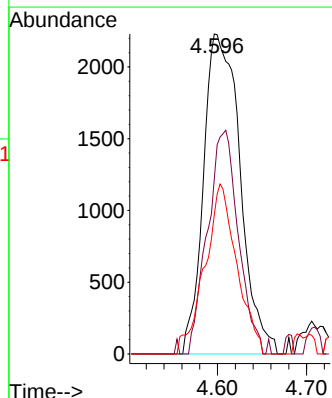
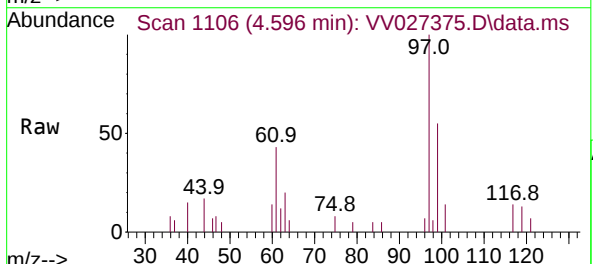
Tgt Ion: 97 Resp: 6351

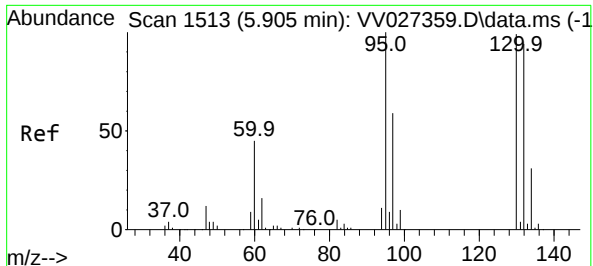
Ion Ratio Lower Upper

97 100

99 59.0 50.8 76.2

61 46.4 36.5 54.7





#34

Trichloroethene

Concen: 5.037 ug/L

RT: 5.911 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV027375.D

Acq: 13 Aug 2022 18:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 70762

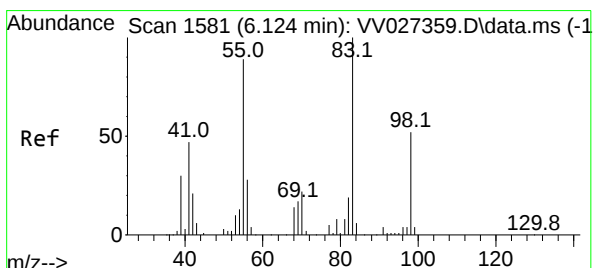
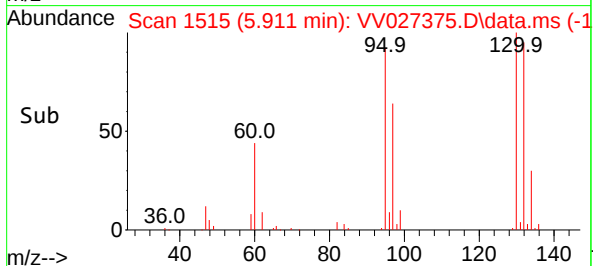
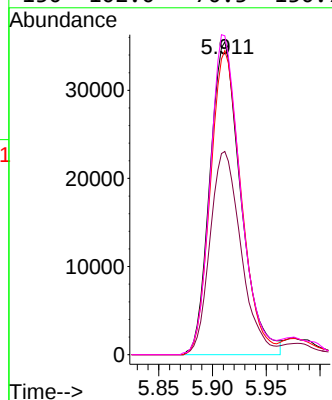
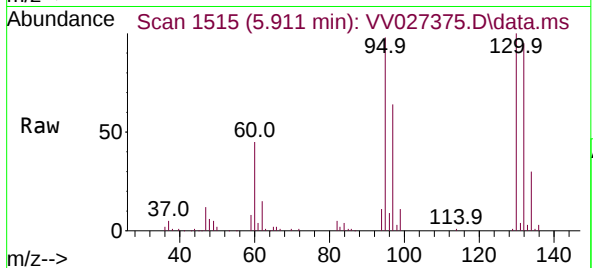
Ion Ratio Lower Upper

95 100

97 65.0 45.5 84.5

132 97.2 68.2 126.6

130 102.0 70.3 130.7



#35

Methylcyclohexane

Concen: 0.918 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.061 min

Lab File: VV027375.D

Acq: 13 Aug 2022 18:00

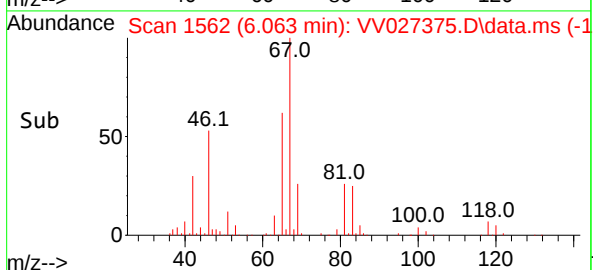
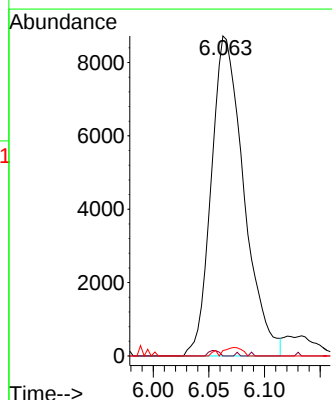
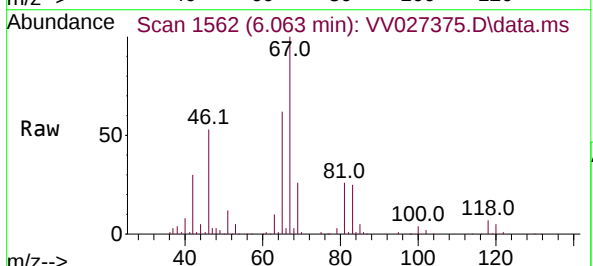
Tgt Ion: 83 Resp: 17754

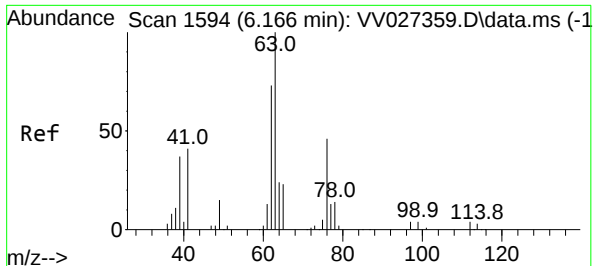
Ion Ratio Lower Upper

83 100

55 0.1 67.0 100.6#

98 1.4 38.7 58.1#





#37

1,2-Dichloropropane

Concen: 0.612 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV027375.D

Acq: 13 Aug 2022 18:00

Instrument :

MSVOA_V

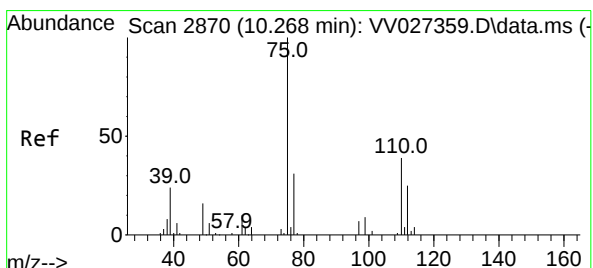
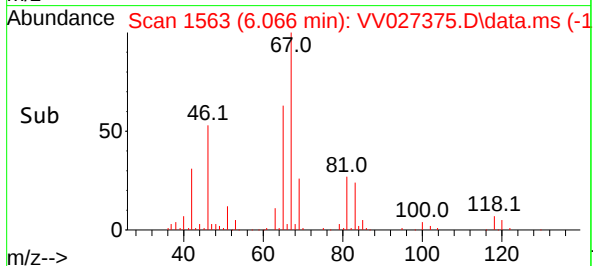
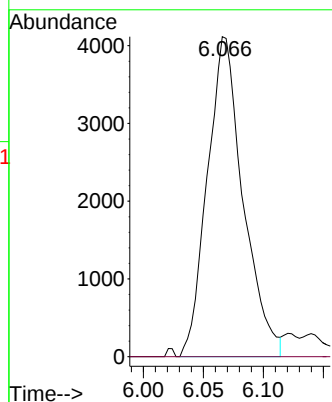
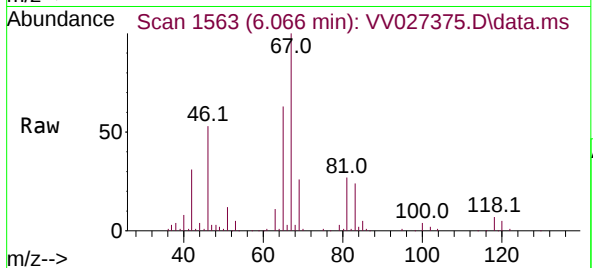
ClientSampleId :

Tgt Ion: 63 Resp: 8540

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#61

1,2,3-Trichloropropane

Concen: 1.314 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV027375.D

Acq: 13 Aug 2022 18:00

Tgt Ion: 75 Resp: 8828

Ion Ratio Lower Upper

75 100

77 33.2 26.6 39.8

110 2.5 31.0 46.6#

