

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041524\
 Data File : VW035215.D
 Acq On : 15 Apr 2024 22:30
 Operator : SY/MD
 Sample : P2032-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 16 01:50:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:33:27 2024
 Response via : Initial Calibration

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

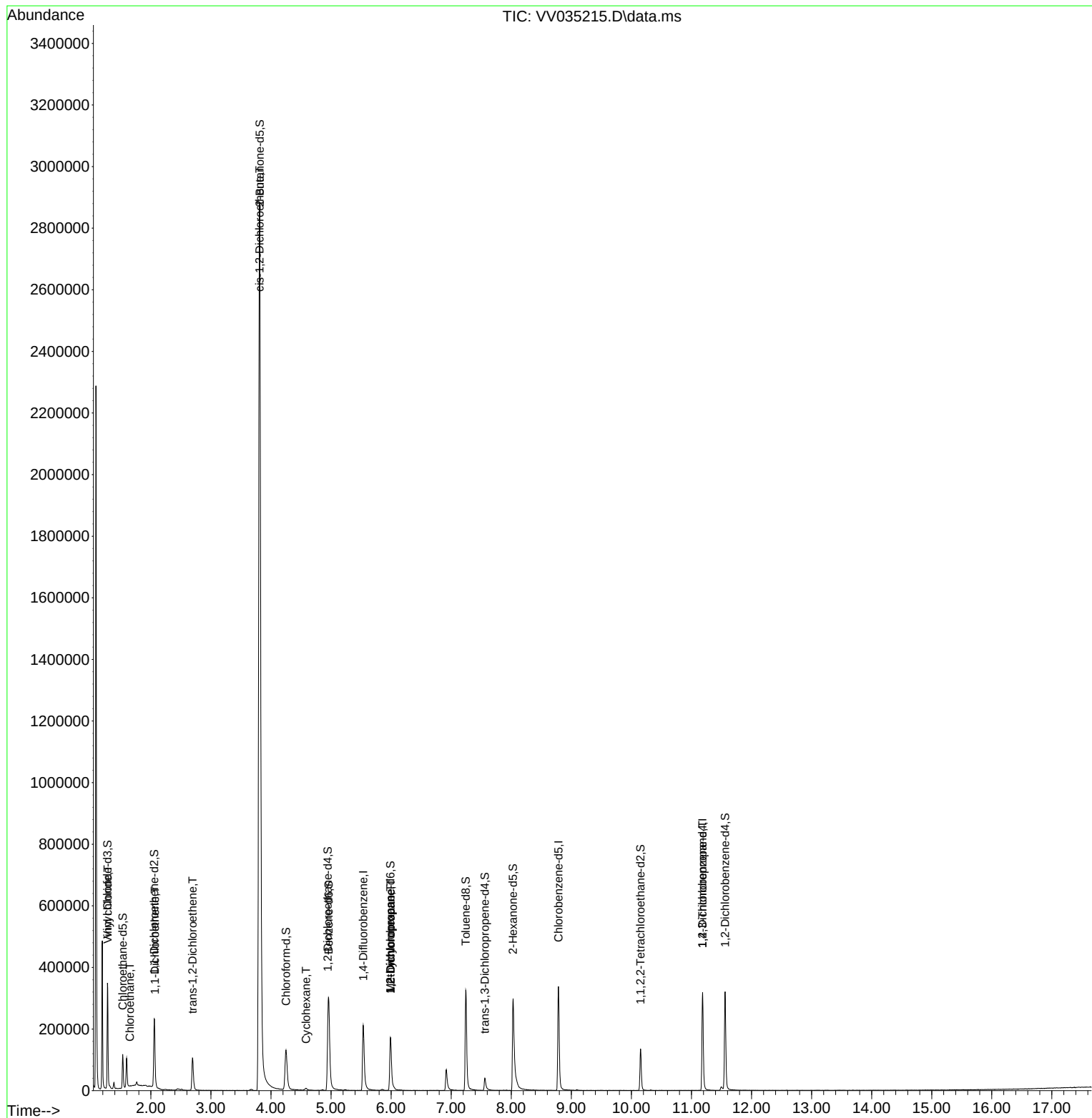
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	189009	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	190826	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	83954	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	90043	5.088	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.800%
7) Chloroethane-d5	1.532	69	71661	5.212	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.056	65	38160	5.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.600%
20) 2-Butanone-d5	3.815	46	178435	59.608	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.220%
24) Chloroform-d	4.249	84	142011	5.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	4.947	65	71475	5.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	4.960	84	282422	5.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	5.989	67	90514	5.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.400%
41) Toluene-d8	7.243	98	228191	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	7.561	79	25362	4.215	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.030	63	118632	47.338	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.680%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	68662	5.287	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	83786	5.614	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	68921	3.367	ug/L	100
8) Chloroethane	1.651	64	25295	2.007	ug/L #	53
12) 1,1-Dichloroethene	2.066	96	4257	0.297	ug/L #	1
18) trans-1,2-Dichloroethene	2.696	96	37896	2.585	ug/L	99
22) cis-1,2-Dichloroethene	3.809	96	1540604	102.197	ug/L	98
30) Cyclohexane	4.584	56	2823	0.123	ug/L	95
35) Methylcyclohexane	5.989	83	20582	0.866	ug/L #	18
37) 1,2-Dichloropropane	5.992	63	9715	0.612	ug/L #	89
61) 1,2,3-Trichloropropane	11.185	75	10417	1.236	ug/L #	68

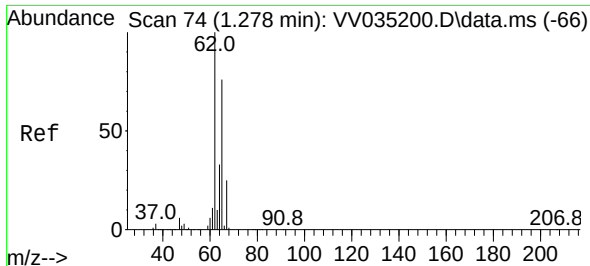
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 16 00:33:27 2024
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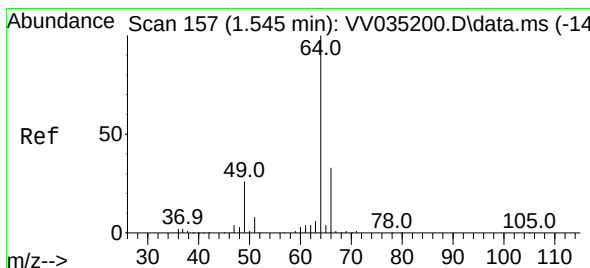
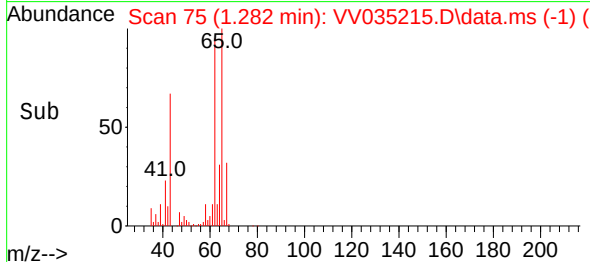
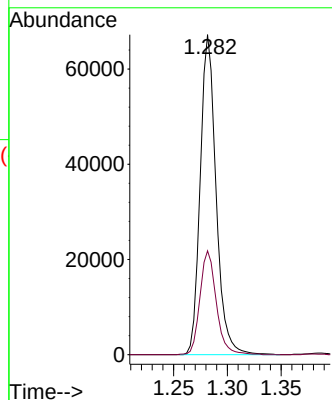
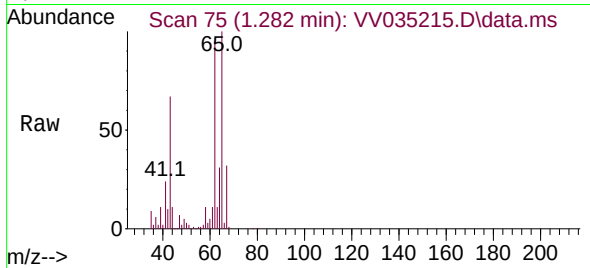




#5
 Vinyl chloride
 Concen: 3.367 ug/L
 RT: 1.282 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV035215.D
 Acq: 15 Apr 2024 22:30

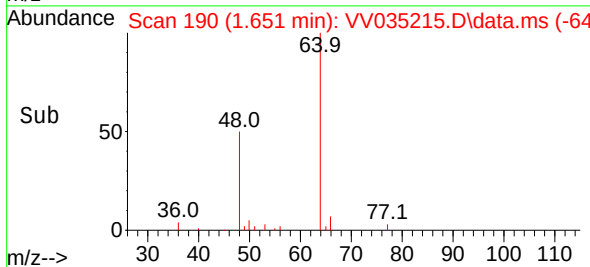
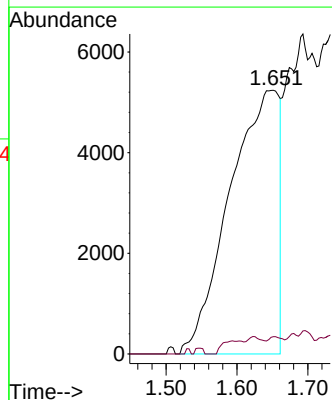
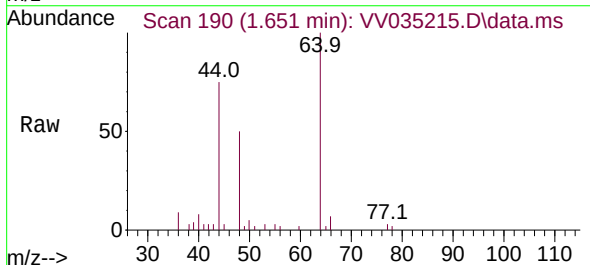
Instrument :
 MSVOA_V
 ClientSampleId :

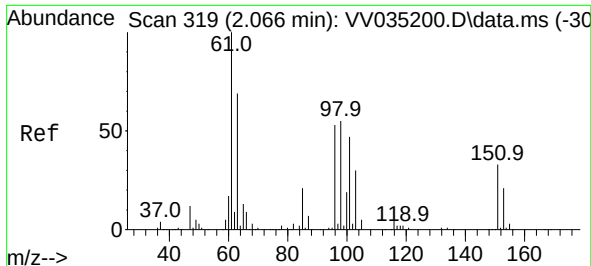
Tgt Ion: 62 Resp: 68921
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.8 42.4



#8
 Chloroethane
 Concen: 2.007 ug/L
 RT: 1.651 min Scan# 190
 Delta R.T. 0.106 min
 Lab File: VV035215.D
 Acq: 15 Apr 2024 22:30

Tgt Ion: 64 Resp: 25295
 Ion Ratio Lower Upper
 64 100
 66 6.6 23.0 42.6#





#12

1,1-Dichloroethene

Concen: 0.297 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV035215.D

Acq: 15 Apr 2024 22:30

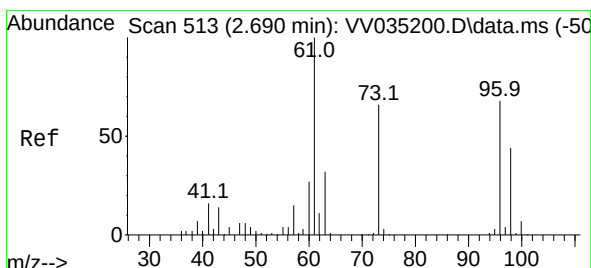
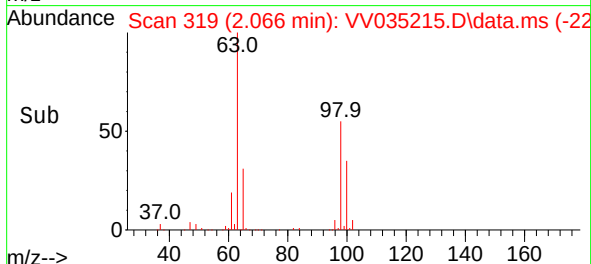
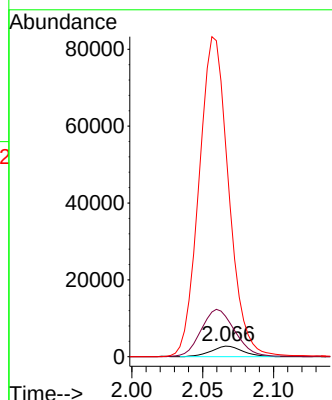
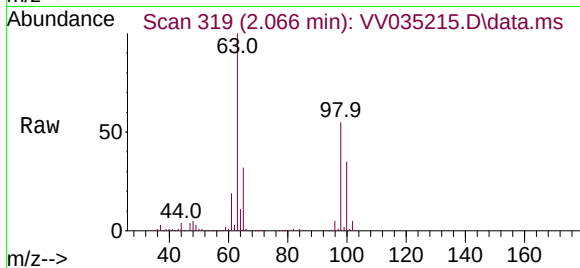
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 4257

Ion	Ratio	Lower	Upper
96	100		
61	381.9	133.5	247.9#
63	2018.4	112.5	208.9#



#18

trans-1,2-Dichloroethene

Concen: 2.585 ug/L

RT: 2.696 min Scan# 515

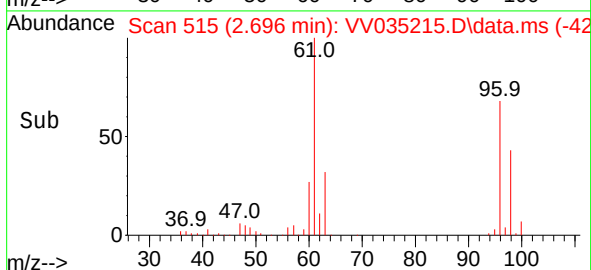
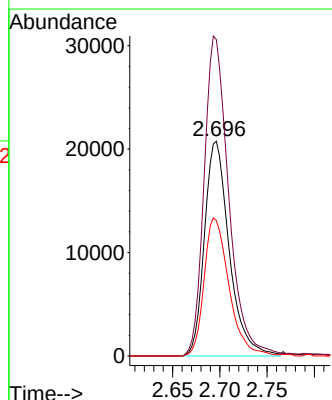
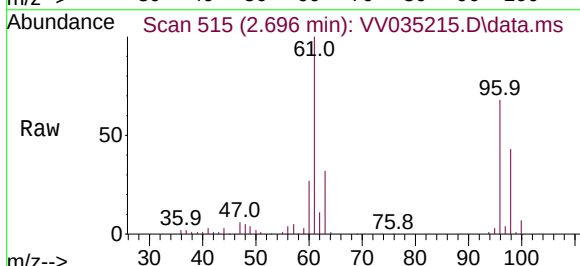
Delta R.T. 0.006 min

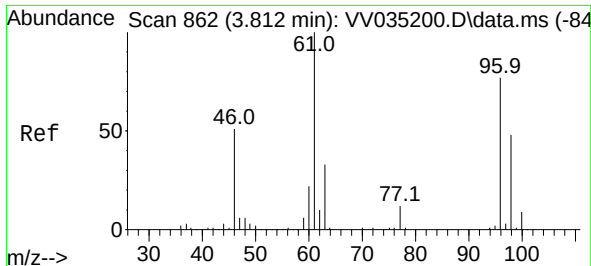
Lab File: VV035215.D

Acq: 15 Apr 2024 22:30

Tgt Ion: 96 Resp: 37896

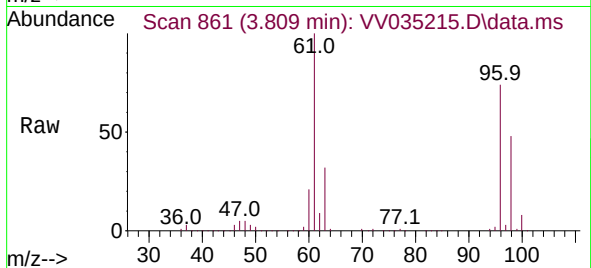
Ion	Ratio	Lower	Upper
96	100		
61	147.4	101.8	189.2
98	63.1	44.7	82.9





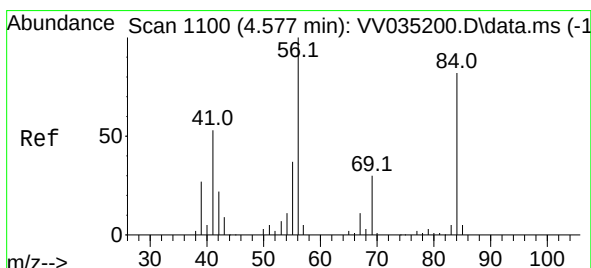
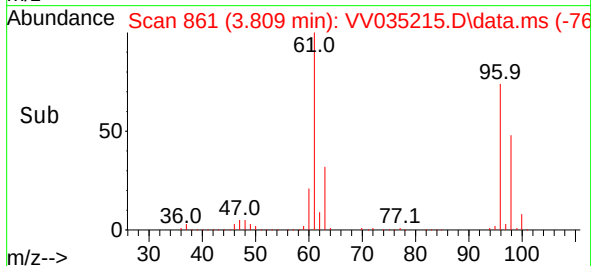
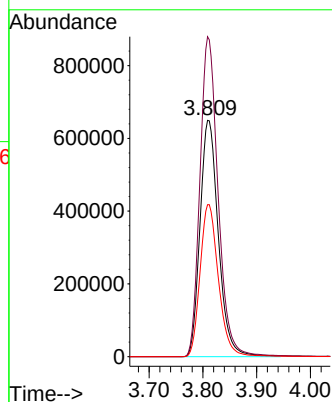
#22
 cis-1,2-Dichloroethene
 Concen: 102.197 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. -0.003 min
 Lab File: VV035215.D
 Acq: 15 Apr 2024 22:30

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 1540604

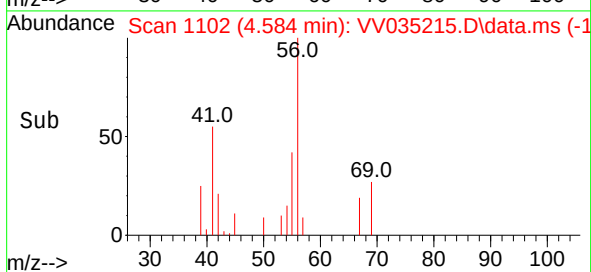
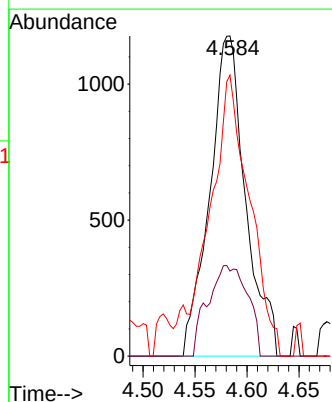
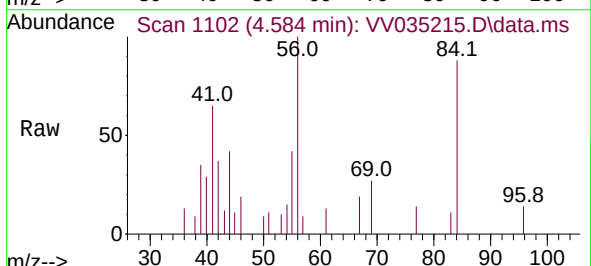
Ion	Ratio	Lower	Upper
96	100		
61	135.4	92.8	172.4
98	64.3	45.5	84.5

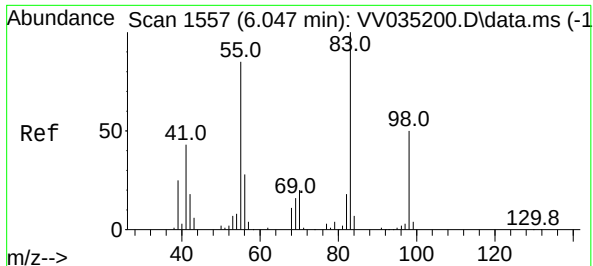


#30
 Cyclohexane
 Concen: 0.123 ug/L
 RT: 4.584 min Scan# 1102
 Delta R.T. 0.006 min
 Lab File: VV035215.D
 Acq: 15 Apr 2024 22:30

Tgt Ion: 56 Resp: 2823

Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.8	37.2
84	93.2	69.4	104.2





#35

Methylcyclohexane

Concen: 0.866 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

Lab File: VV035215.D

Acq: 15 Apr 2024 22:30

Instrument :

MSVOA_V

ClientSampleId :

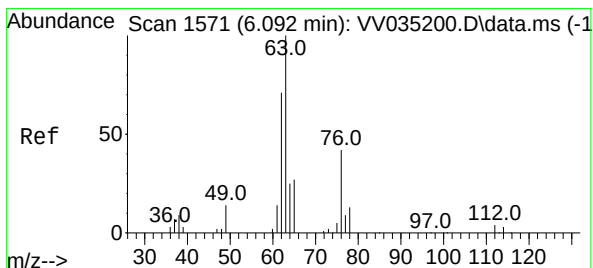
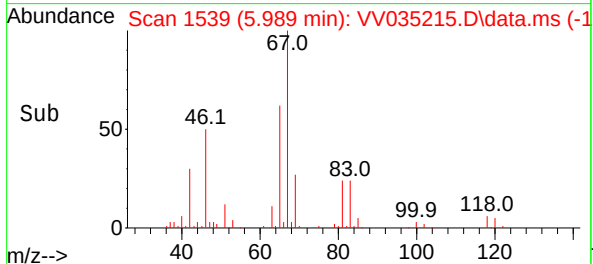
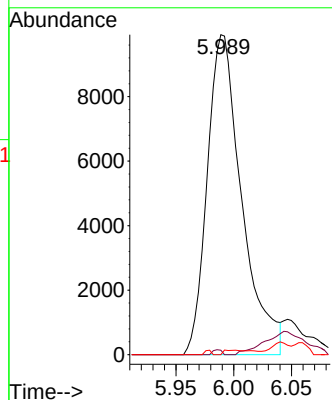
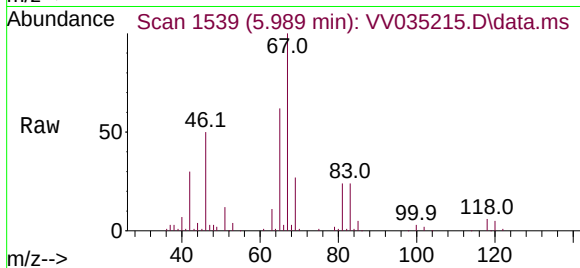
Tgt Ion: 83 Resp: 20582

Ion Ratio Lower Upper

83 100

55 0.4 63.8 95.6#

98 0.7 37.4 56.2#



#37

1,2-Dichloropropane

Concen: 0.612 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.100 min

Lab File: VV035215.D

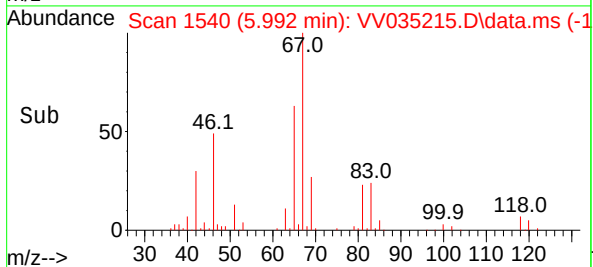
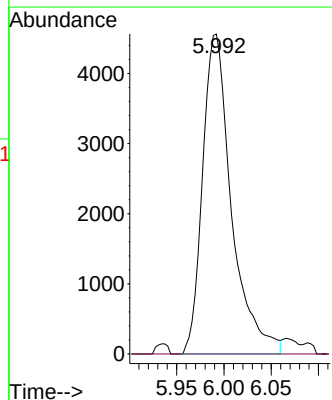
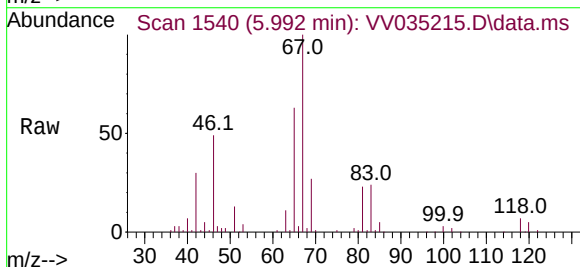
Acq: 15 Apr 2024 22:30

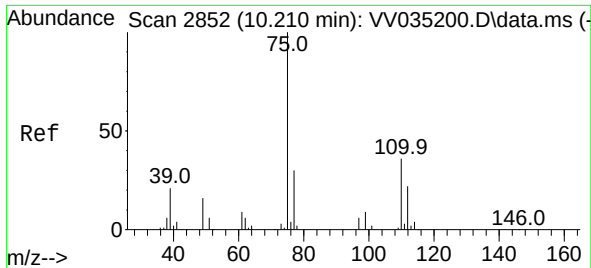
Tgt Ion: 63 Resp: 9715

Ion Ratio Lower Upper

63 100

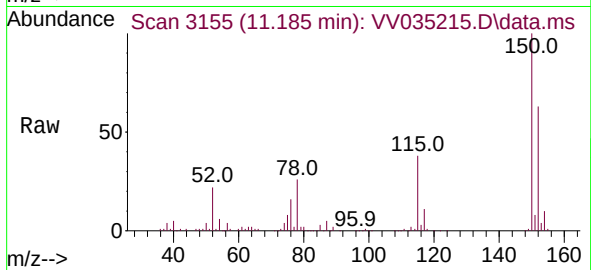
112 0.5 3.3 4.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.236 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.974 min
 Lab File: VV035215.D
 Acq: 15 Apr 2024 22:30

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	10417
Ion Ratio	Lower	Upper	
75	100		
77	31.5	25.3	37.9
110	1.8	29.6	44.4#

