

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033693.D
 Acq On : 17 Jan 2024 00:33
 Operator : SY/MD
 Sample : P1120-10DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 03:32:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 01:35:32 2024
 Response via : Initial Calibration

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

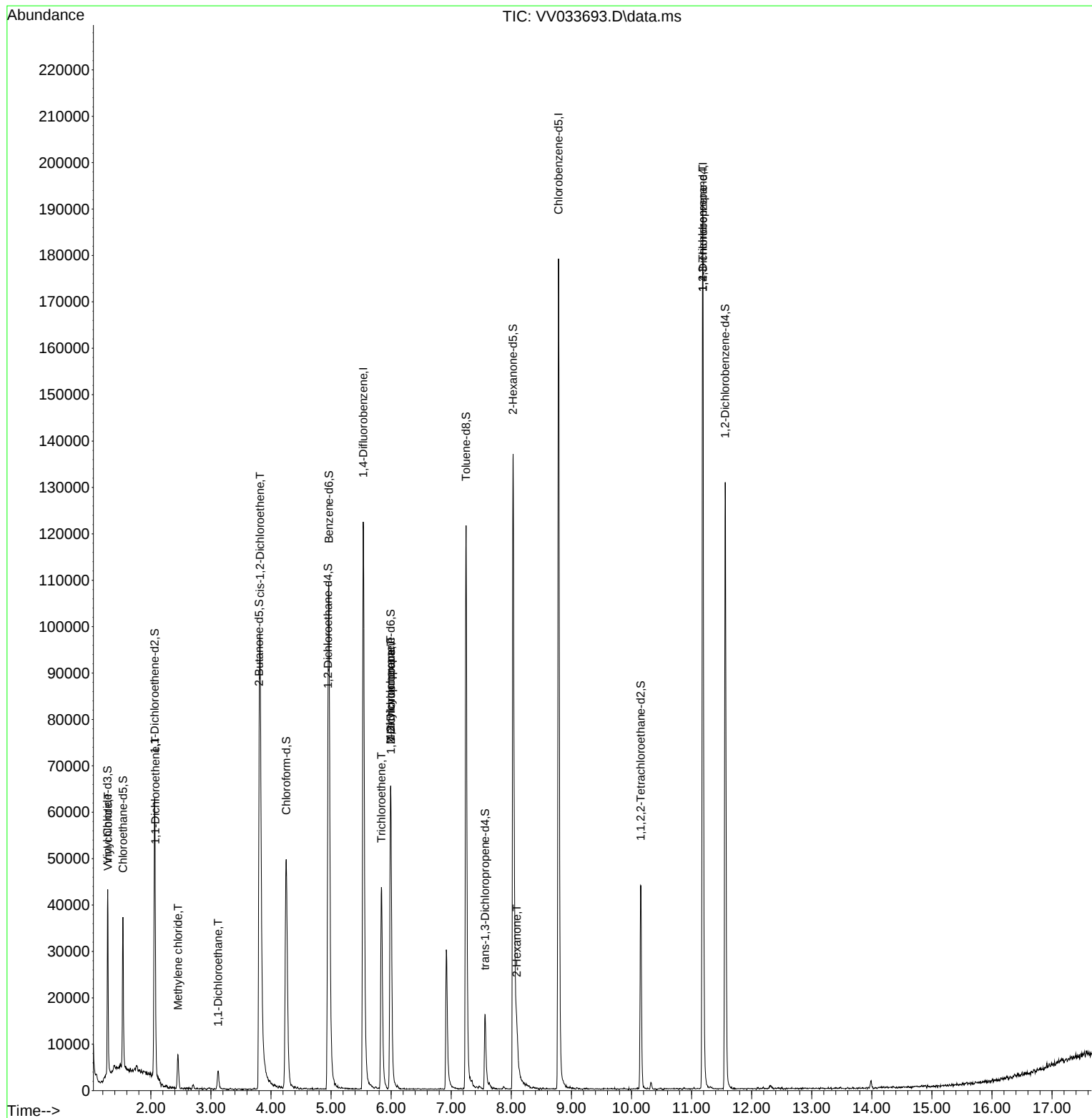
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	105721	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	97413	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	48742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	19009	3.288	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.800%
7) Chloroethane-d5	1.536	69	19912	3.884	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.063	65	9681	3.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	3.802	46	67273	47.594	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.180%
24) Chloroform-d	4.253	84	53452	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	4.947	65	28164	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	4.963	84	97714	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	5.992	67	33224	4.240	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.246	98	81674	3.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.564	79	11378	4.200	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.027	63	52150	49.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.060%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	22457	4.905	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	33192	4.435	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	5418	0.493	ug/L #	76
12) 1,1-Dichloroethene	2.073	96	3608	0.484	ug/L #	1
16) Methylene chloride	2.452	84	3040	0.346	ug/L	89
19) 1,1-Dichloroethane	3.118	63	4303	0.257	ug/L	95
22) cis-1,2-Dichloroethene	3.818	96	37535	4.258	ug/L	96
34) Trichloroethene	5.838	95	16196	1.759	ug/L	95
35) Methylcyclohexane	5.989	83	7691	0.494	ug/L #	18
37) 1,2-Dichloropropane	5.995	63	3840	0.447	ug/L #	87
48) 2-Hexanone	8.092	43	8595	2.972	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	6353	1.626	ug/L #	65

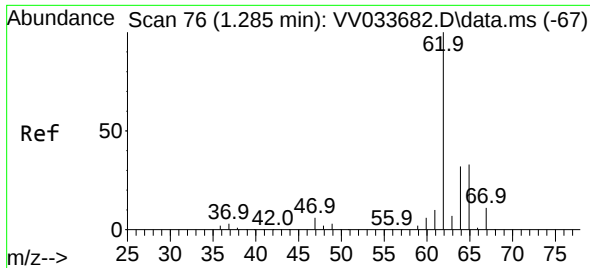
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jan 17 03:32:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 17 01:35:32 2024
Response via : Initial Calibration

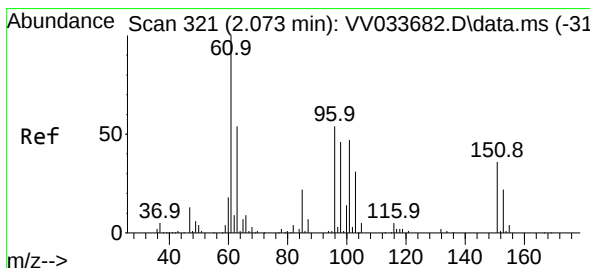
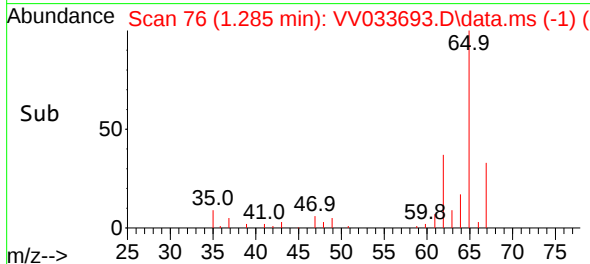
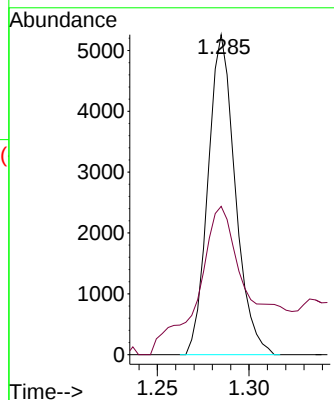
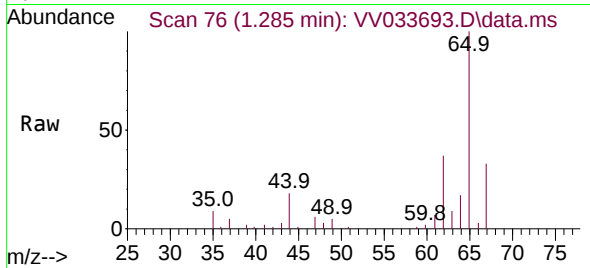




#5
 Vinyl chloride
 Concen: 0.493 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV033693.D
 Acq: 17 Jan 2024 00:33

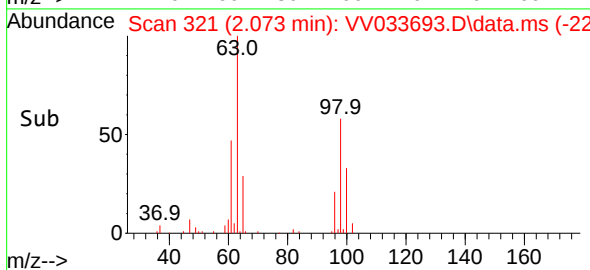
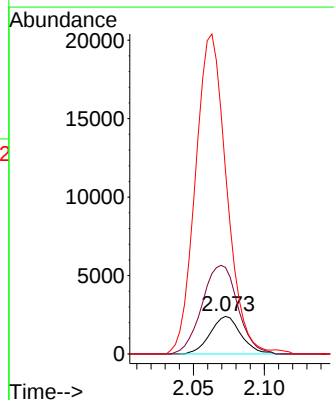
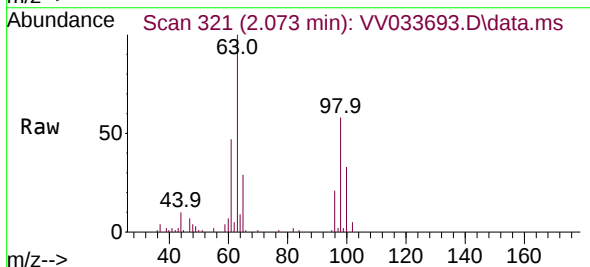
Instrument :
 MSVOA_V
 ClientSampleId :

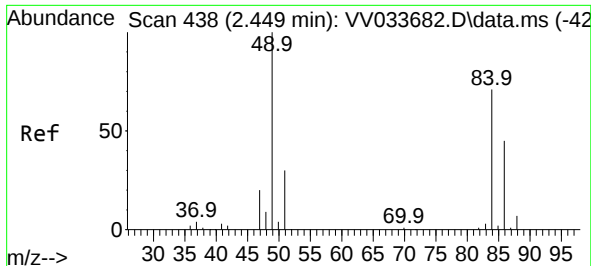
Tgt Ion: 62 Resp: 5418
 Ion Ratio Lower Upper
 62 100
 64 46.4 23.0 42.8#



#12
 1,1-Dichloroethene
 Concen: 0.484 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV033693.D
 Acq: 17 Jan 2024 00:33

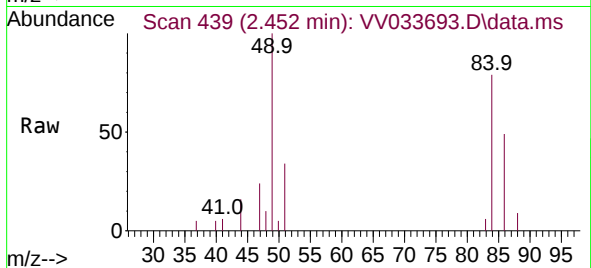
Tgt Ion: 96 Resp: 3608
 Ion Ratio Lower Upper
 96 100
 61 229.9 133.8 248.4
 63 486.8 77.2 143.4#





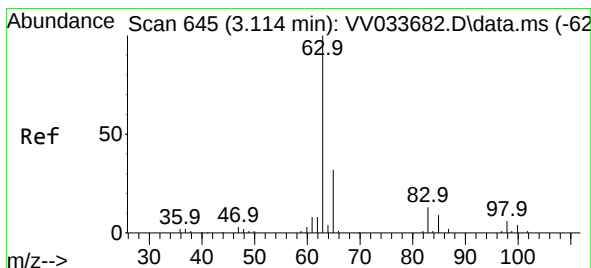
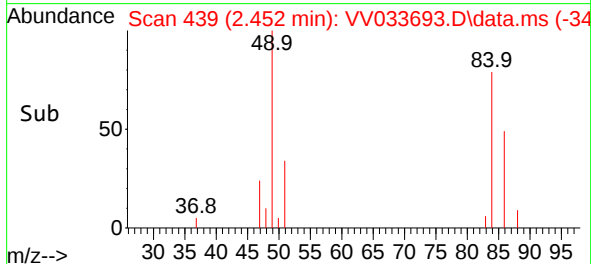
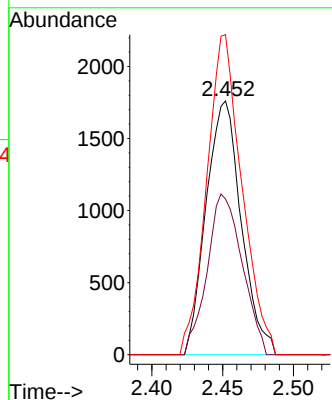
#16
Methylene chloride
Concen: 0.346 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV033693.D
Acq: 17 Jan 2024 00:33

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 3040

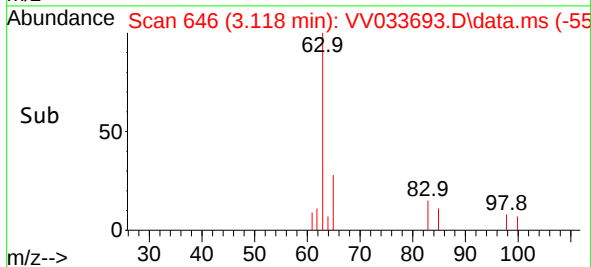
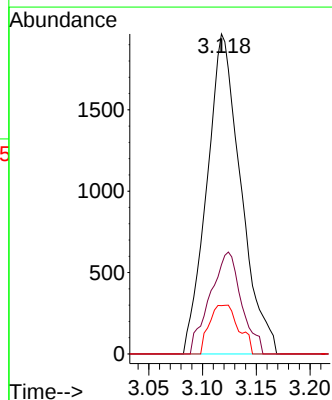
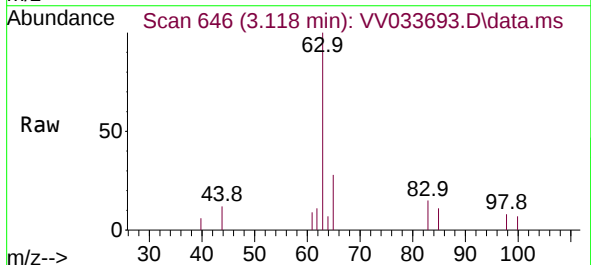
Ion	Ratio	Lower	Upper
84	100		
86	61.3	45.5	84.5
49	126.1	100.3	186.3

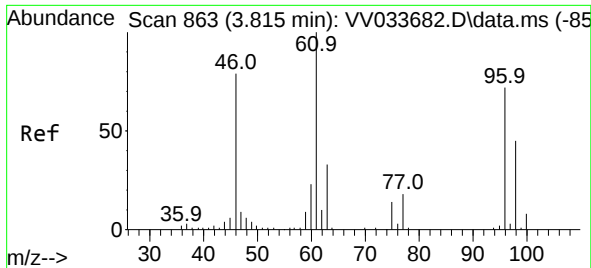


#19
1,1-Dichloroethane
Concen: 0.257 ug/L
RT: 3.118 min Scan# 646
Delta R.T. 0.003 min
Lab File: VV033693.D
Acq: 17 Jan 2024 00:33

Tgt Ion: 63 Resp: 4303

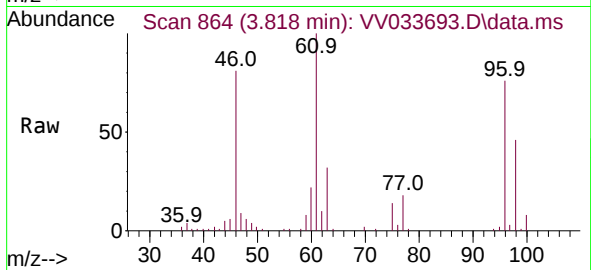
Ion	Ratio	Lower	Upper
63	100		
65	27.9	21.6	40.2
83	15.1	9.1	16.9



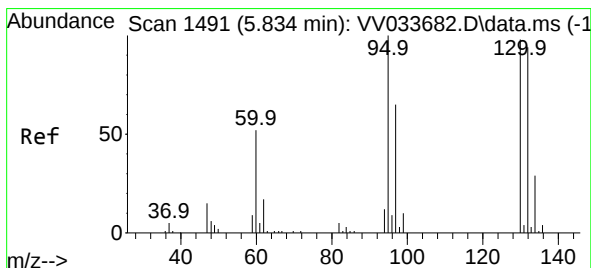
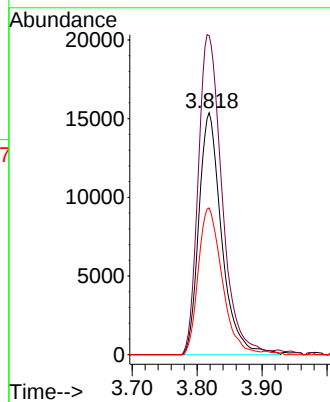
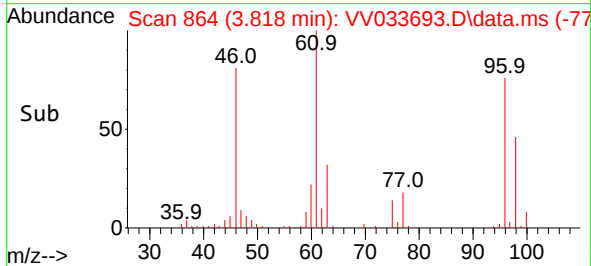


#22
 cis-1,2-Dichloroethene
 Concen: 4.258 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV033693.D
 Acq: 17 Jan 2024 00:33

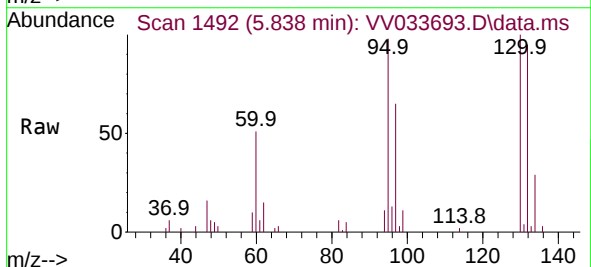
Instrument :
 MSVOA_V
 ClientSampleId :



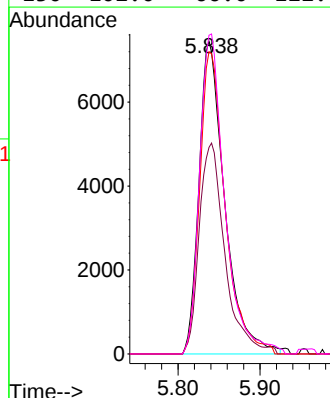
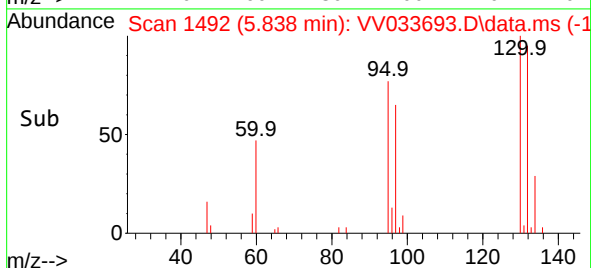
Tgt Ion: 96 Resp: 37535
 Ion Ratio Lower Upper
 96 100
 61 131.9 97.1 180.3
 98 60.7 42.6 79.0

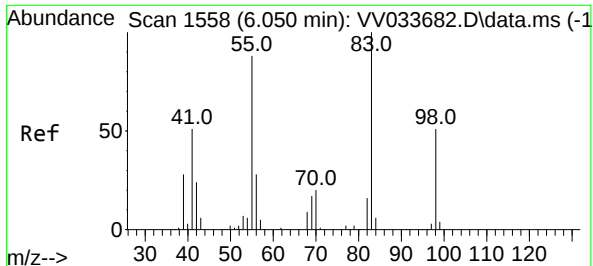


#34
 Trichloroethene
 Concen: 1.759 ug/L
 RT: 5.838 min Scan# 1492
 Delta R.T. 0.003 min
 Lab File: VV033693.D
 Acq: 17 Jan 2024 00:33



Tgt Ion: 95 Resp: 16196
 Ion Ratio Lower Upper
 95 100
 97 66.1 45.1 83.9
 132 96.7 65.2 121.2
 130 102.0 66.0 122.6





#35

Methylcyclohexane

Concen: 0.494 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV033693.D

Acq: 17 Jan 2024 00:33

Instrument :

MSVOA_V

ClientSampleId :

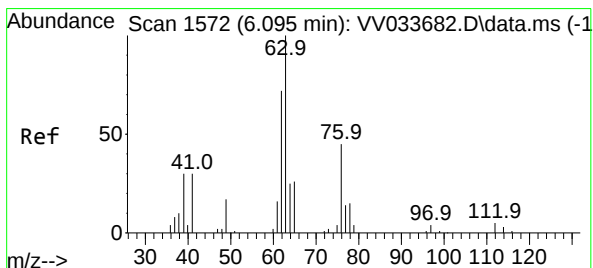
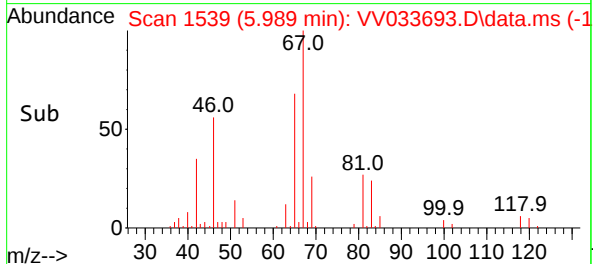
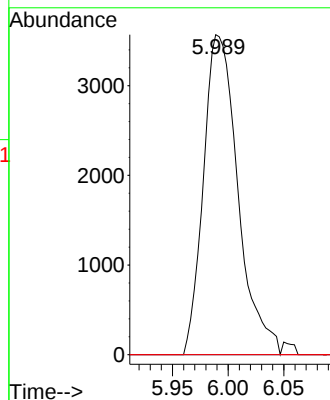
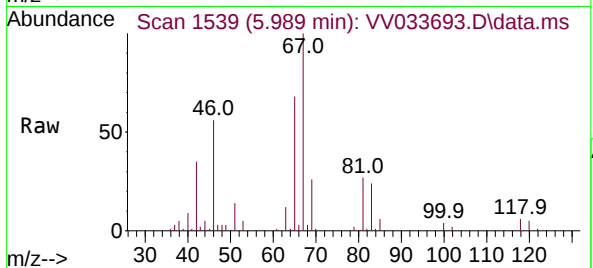
Tgt Ion: 83 Resp: 7691

Ion Ratio Lower Upper

83 100

55 0.3 68.7 103.1#

98 5.8 38.3 57.5#



#37

1,2-Dichloropropane

Concen: 0.447 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.100 min

Lab File: VV033693.D

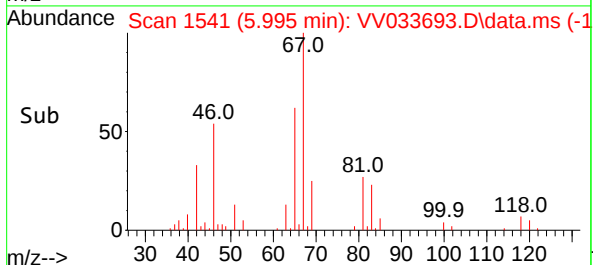
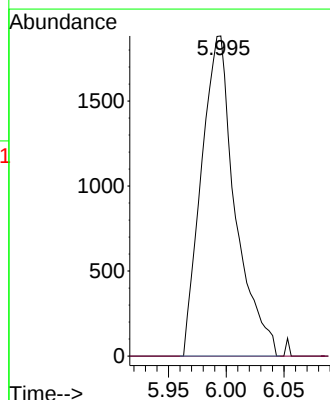
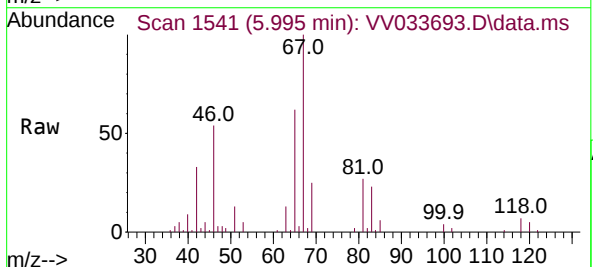
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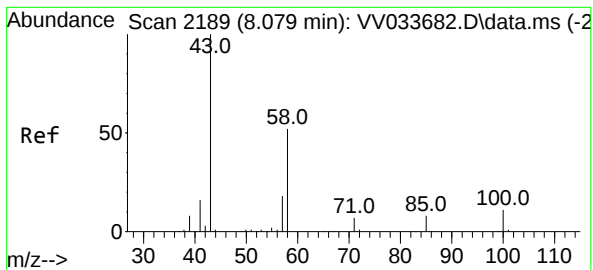
Tgt Ion: 63 Resp: 3840

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#48

2-Hexanone

Concen: 2.972 ug/L

RT: 8.092 min Scan# 2189

Delta R.T. 0.013 min

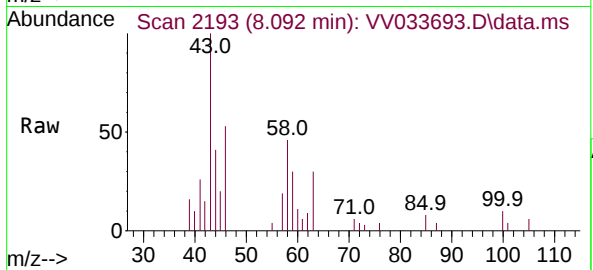
Lab File: VV033693.D

Acq: 17 Jan 2024 00:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 8595

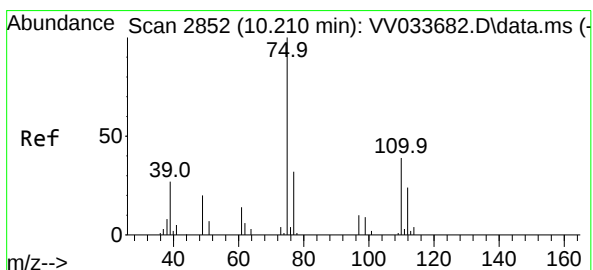
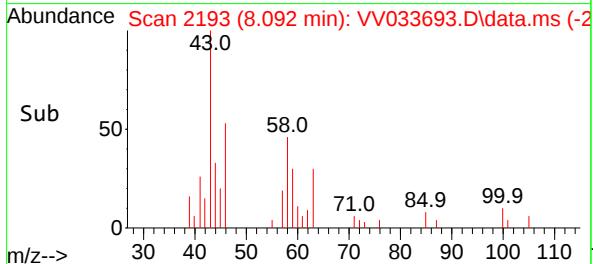
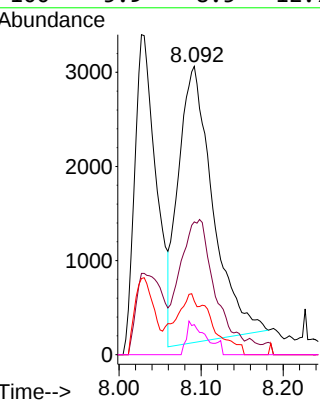
Ion Ratio Lower Upper

43 100

58 43.8 40.6 61.0

57 6.8 13.8 20.8#

100 5.9 8.5 12.7#



#61

1,2,3-Trichloropropane

Concen: 1.626 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV033693.D

Acq: 17 Jan 2024 00:33

Tgt Ion: 75 Resp: 6353

Ion Ratio Lower Upper

75 100

77 33.9 24.7 37.1

110 0.0 28.0 42.0#

