

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033689.D
 Acq On : 16 Jan 2024 22:58
 Operator : SY/MD
 Sample : P1120-19DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 03:31:16 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)

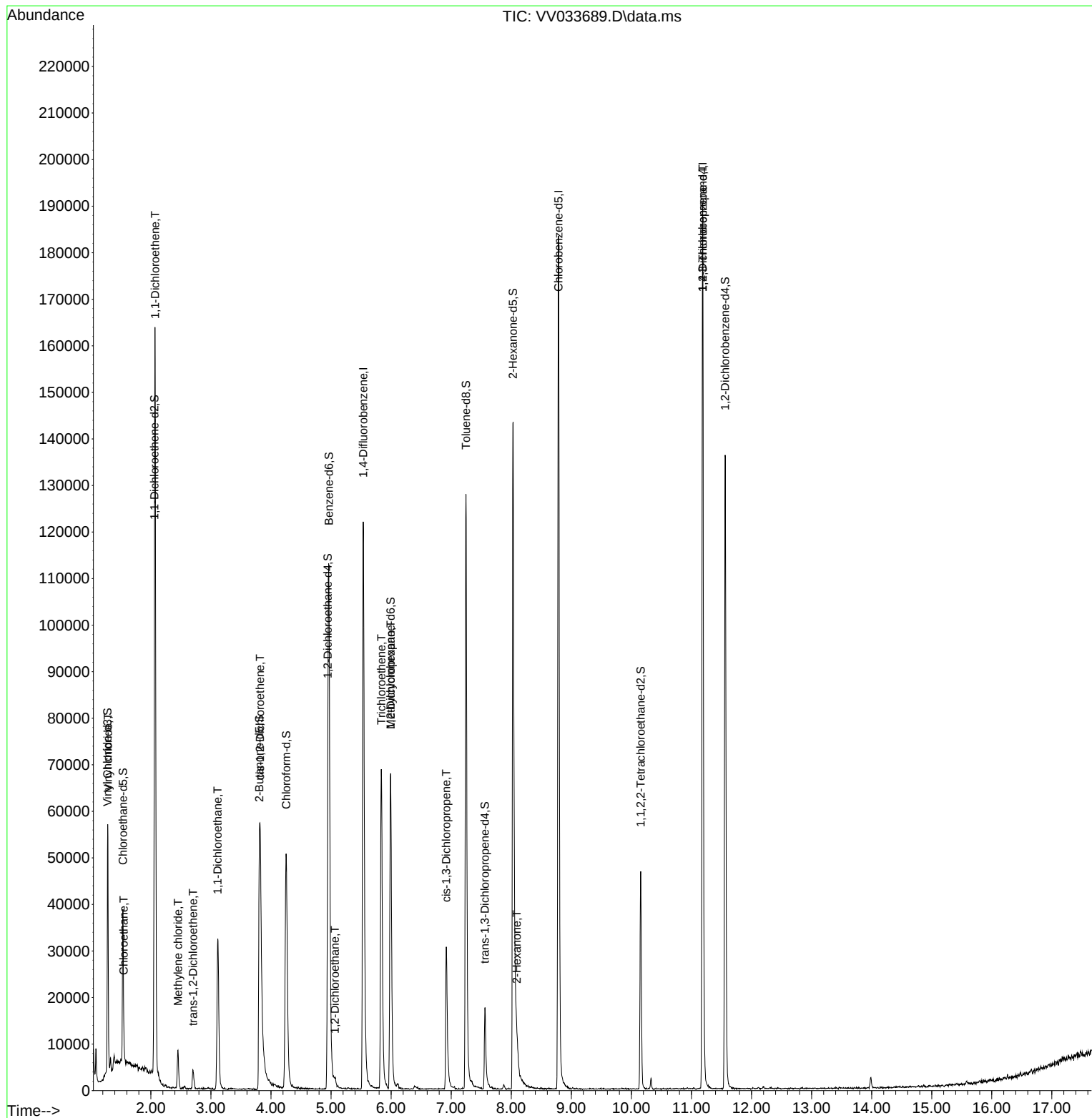
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	107649	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	98106	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	48987	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	19880	3.377	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.535	69	19725	3.778	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.060	65	9859	3.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	3.805	46	68433	47.548	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.100%
24) Chloroform-d	4.252	84	54359	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	4.947	65	27253	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	4.963	84	101756	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	5.992	67	33936	4.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.246	98	84491	3.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.561	79	11504	4.216	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.027	63	53821	50.243	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.480%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	22969	4.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	35098	4.666	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	14777	1.320	ug/L	87
8) Chloroethane	1.548	64	1774	0.261	ug/L #	66
12) 1,1-Dichloroethene	2.072	96	35100	4.626	ug/L	97
16) Methylene chloride	2.452	84	3156	0.352	ug/L	95
18) trans-1,2-Dichloroethene	2.703	96	1420	0.166	ug/L	97
19) 1,1-Dichloroethane	3.114	63	34480	2.024	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	14009	1.561	ug/L	91
27) 1,2-Dichloroethane	5.063	62	1627	0.183	ug/L #	76
34) Trichloroethene	5.838	95	25780	2.780	ug/L	95
35) Methylcyclohexane	5.992	83	8062	0.514	ug/L #	14
39) cis-1,3-Dichloropropene	6.918	75	1009	0.082	ug/L #	81
48) 2-Hexanone	8.091	43	7668	2.632	ug/L #	97
61) 1,2,3-Trichloropropane	11.188	75	6327	1.611	ug/L #	66

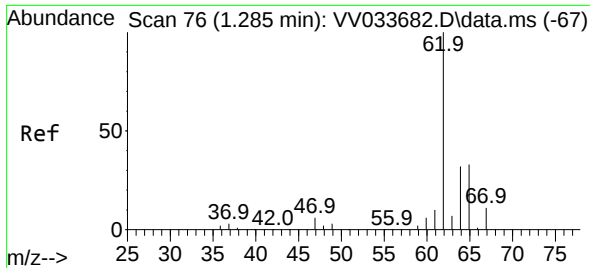
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 17 01:35:32 2024
Response via : Initial Calibration

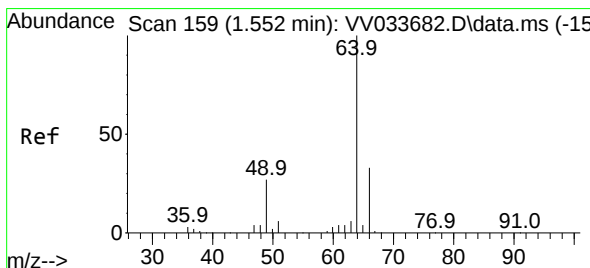
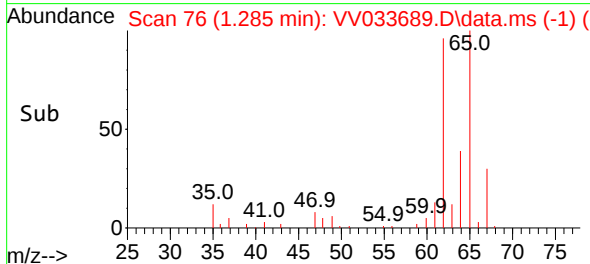
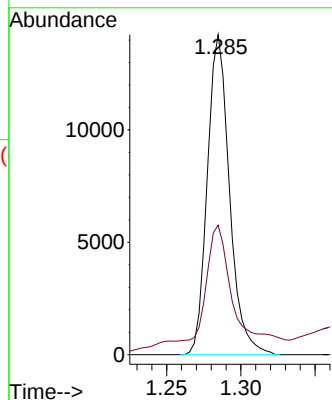
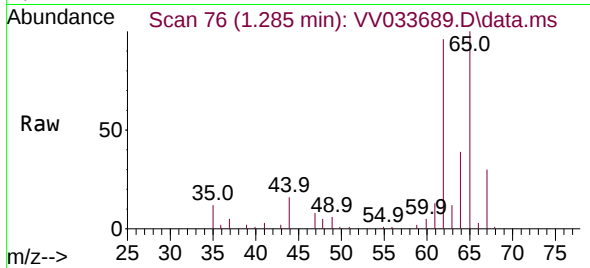




#5
 Vinyl chloride
 Concen: 1.320 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033689.D
 Acq: 16 Jan 2024 22:58

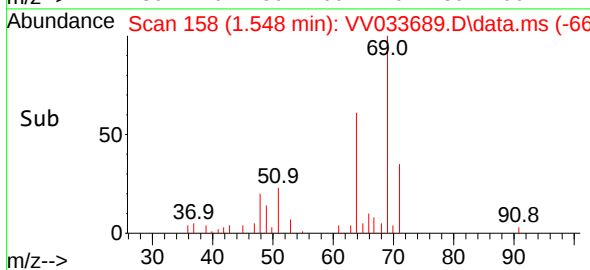
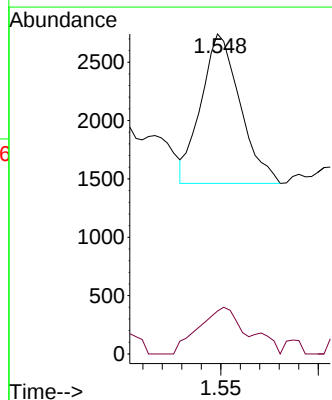
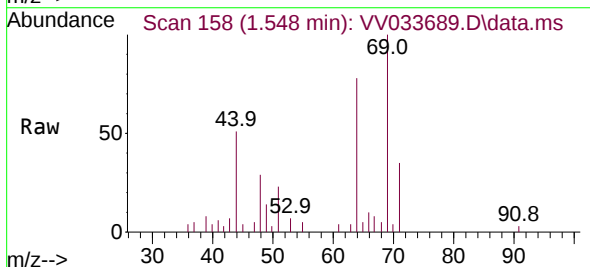
Instrument : MSVOA_V
 ClientSampleId :

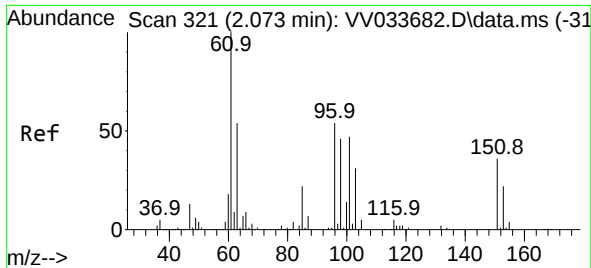
Tgt Ion:	62	Resp:	14777
Ion Ratio	Lower	Upper	
62	100		
64	40.5	23.0	42.8



#8
 Chloroethane
 Concen: 0.261 ug/L
 RT: 1.548 min Scan# 158
 Delta R.T. -0.003 min
 Lab File: VV033689.D
 Acq: 16 Jan 2024 22:58

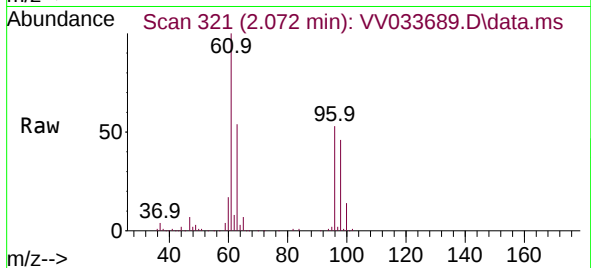
Tgt Ion:	64	Resp:	1774
Ion Ratio	Lower	Upper	
64	100		
66	13.4	22.6	42.0#



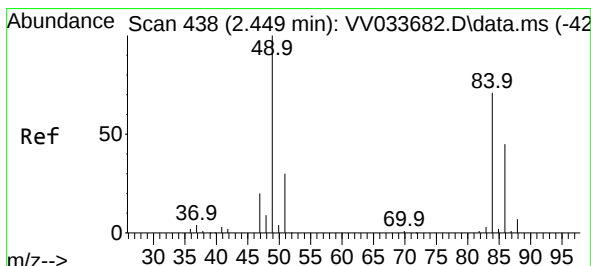
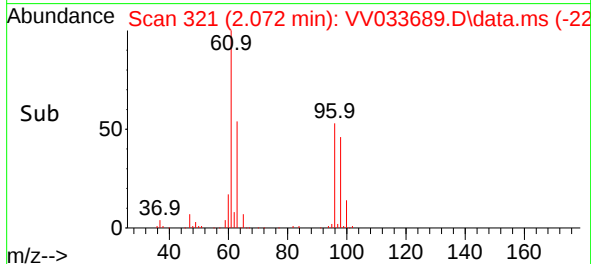
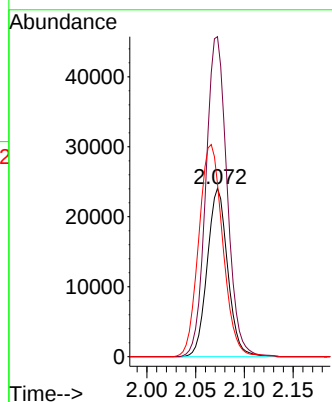


#12
1,1-Dichloroethene
Concen: 4.626 ug/L
RT: 2.072 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033689.D
Acq: 16 Jan 2024 22:58

Instrument :
MSVOA_V
ClientSampleId :

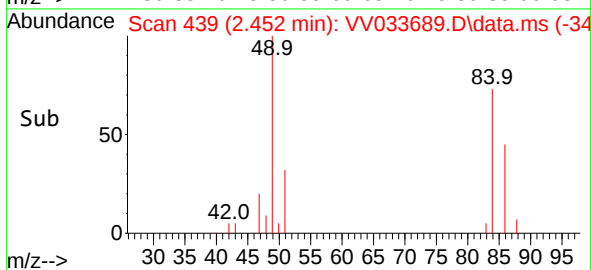
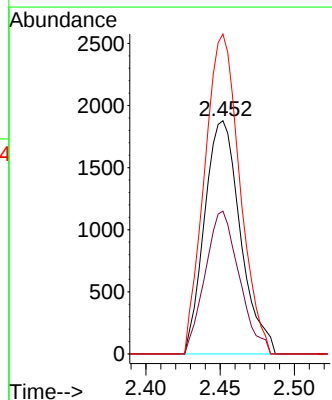
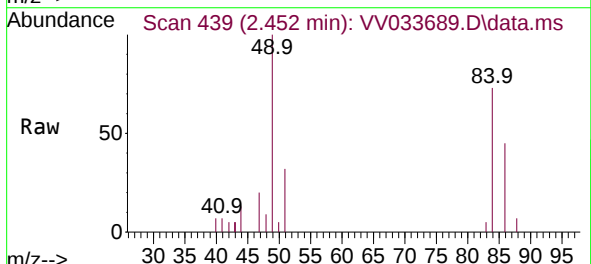


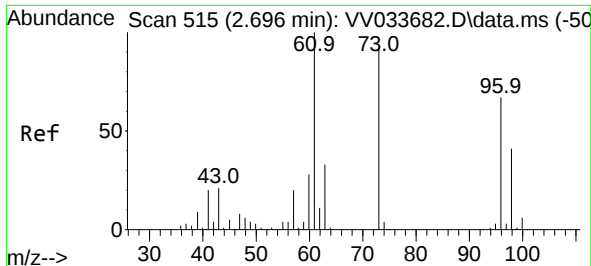
Tgt Ion:	96	Resp:	35100
Ion	Ratio	Lower	Upper
96	100		
61	190.2	133.8	248.4
63	102.9	77.2	143.4



#16
Methylene chloride
Concen: 0.352 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.003 min
Lab File: VV033689.D
Acq: 16 Jan 2024 22:58

Tgt Ion:	84	Resp:	3156
Ion	Ratio	Lower	Upper
84	100		
86	61.3	45.5	84.5
49	137.2	100.3	186.3

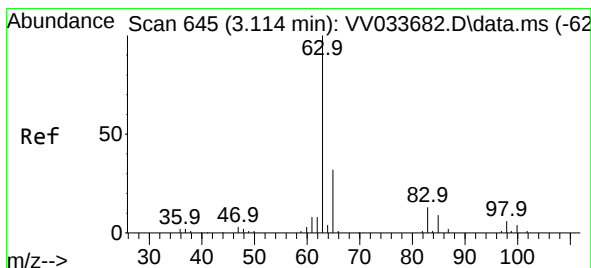
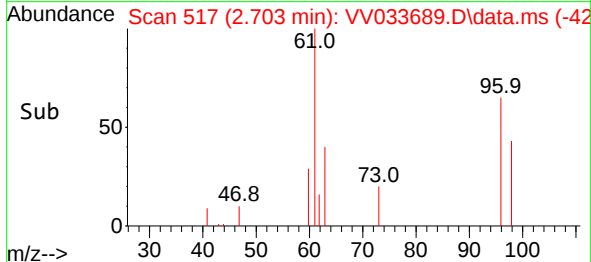
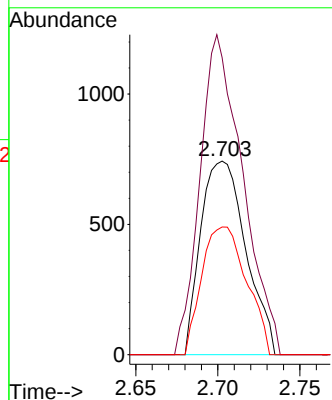
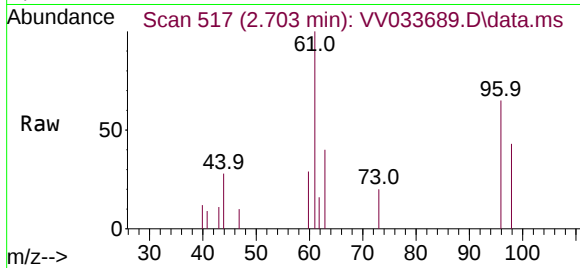




#18
trans-1,2-Dichloroethene
Concen: 0.166 ug/L
RT: 2.703 min Scan# 515
Delta R.T. 0.006 min
Lab File: VV033689.D
Acq: 16 Jan 2024 22:58

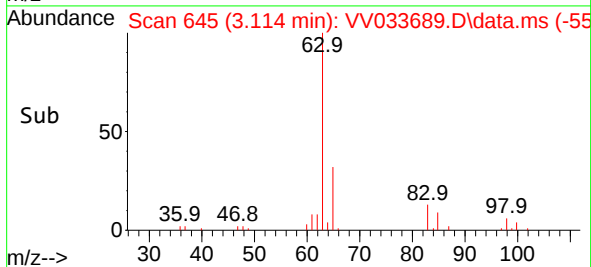
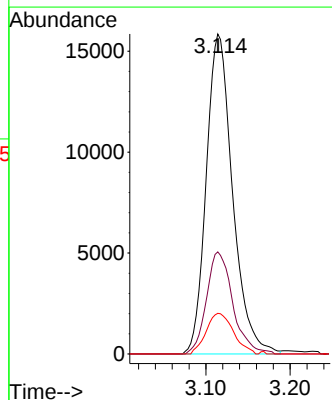
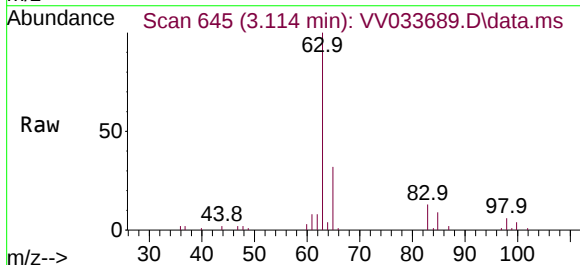
Instrument :
MSVOA_V
ClientSampleId :

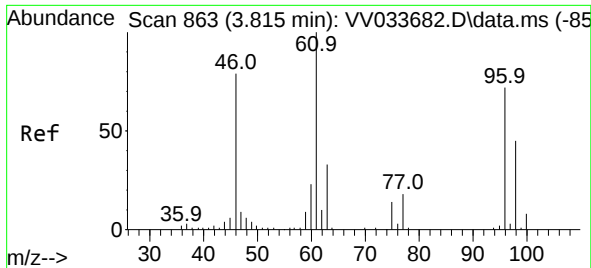
Tgt Ion: 96 Resp: 1420
Ion Ratio Lower Upper
96 100
61 153.4 110.4 205.0
98 65.9 44.1 81.9



#19
1,1-Dichloroethane
Concen: 2.024 ug/L
RT: 3.114 min Scan# 645
Delta R.T. -0.000 min
Lab File: VV033689.D
Acq: 16 Jan 2024 22:58

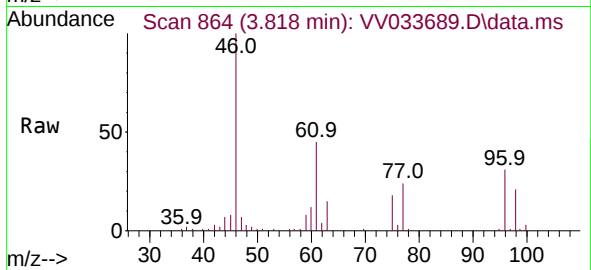
Tgt Ion: 63 Resp: 34480
Ion Ratio Lower Upper
63 100
65 31.9 21.6 40.2
83 12.7 9.1 16.9



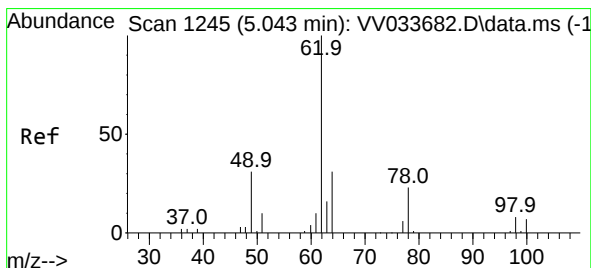
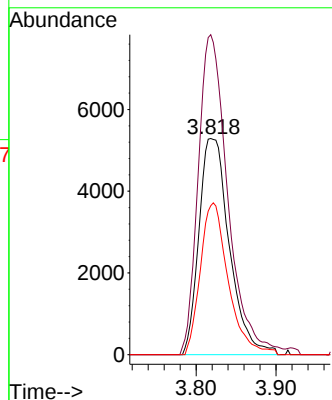
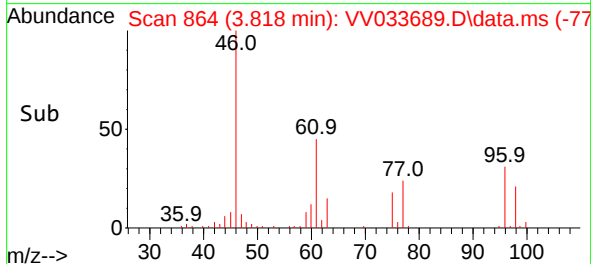


#22
 cis-1,2-Dichloroethene
 Concen: 1.561 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV033689.D
 Acq: 16 Jan 2024 22:58

Instrument :
 MSVOA_V
 ClientSampleId :

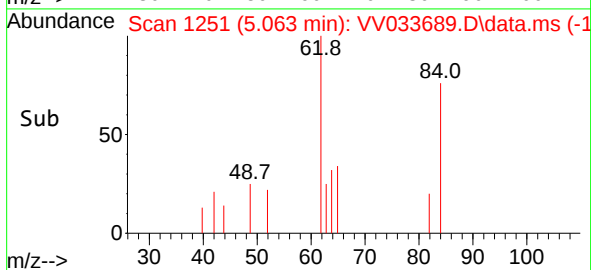
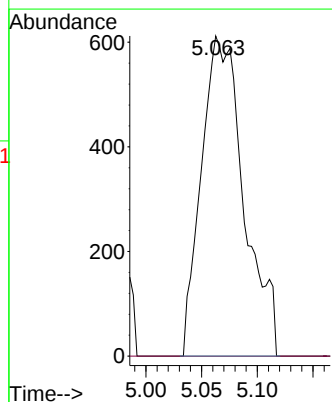
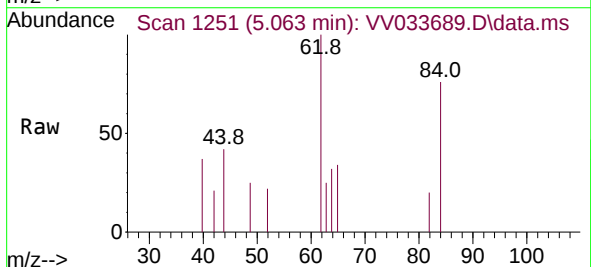


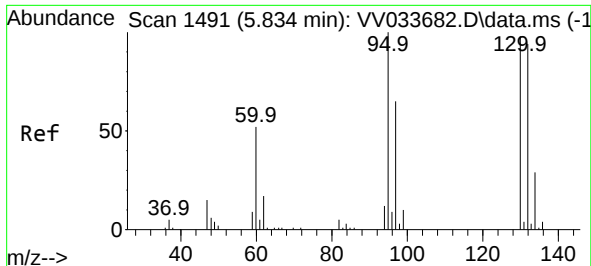
Tgt Ion: 96 Resp: 14009
 Ion Ratio Lower Upper
 96 100
 61 148.0 97.1 180.3
 98 71.1 42.6 79.0



#27
 1,2-Dichloroethane
 Concen: 0.183 ug/L
 RT: 5.063 min Scan# 1251
 Delta R.T. 0.019 min
 Lab File: VV033689.D
 Acq: 16 Jan 2024 22:58

Tgt Ion: 62 Resp: 1627
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.6#



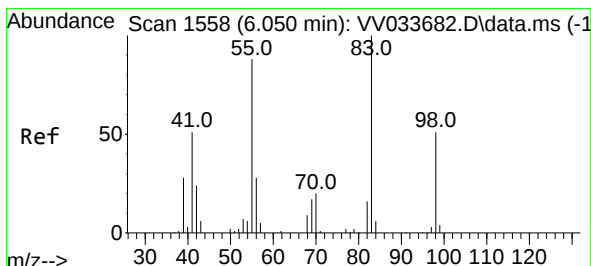
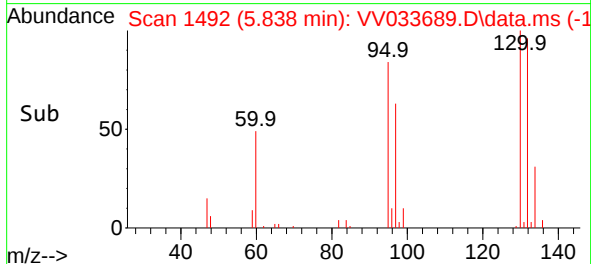
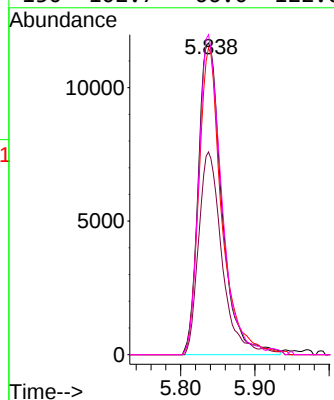
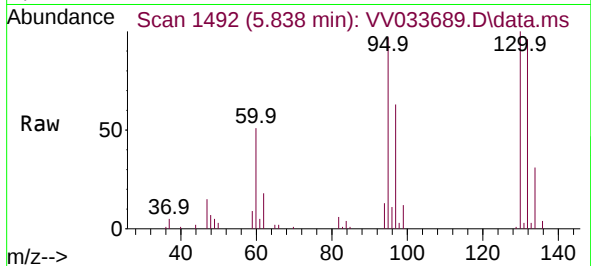


#34
Trichloroethene
Concen: 2.780 ug/L
RT: 5.838 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV033689.D
Acq: 16 Jan 2024 22:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 25780

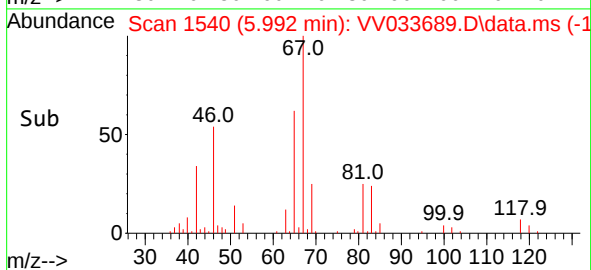
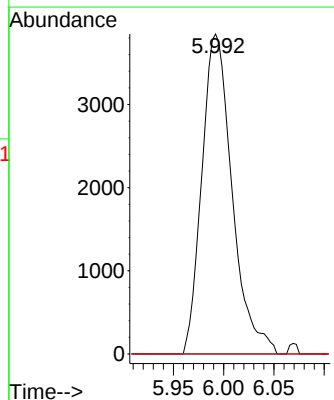
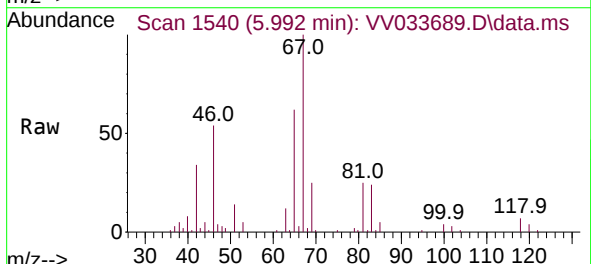
Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.1	83.9
132	98.4	65.2	121.2
130	102.7	66.0	122.6

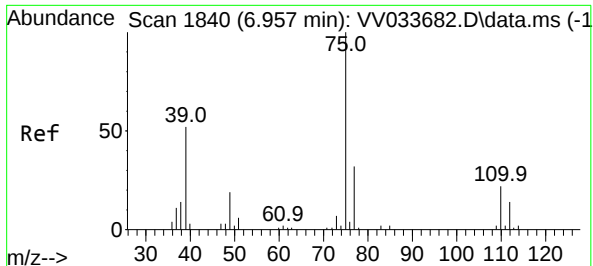


#35
Methylcyclohexane
Concen: 0.514 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV033689.D
Acq: 16 Jan 2024 22:58

Tgt Ion: 83 Resp: 8062

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.7	103.1#
98	0.0	38.3	57.5#





#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV033689.D

Acq: 16 Jan 2024 22:58

Instrument :

MSVOA_V

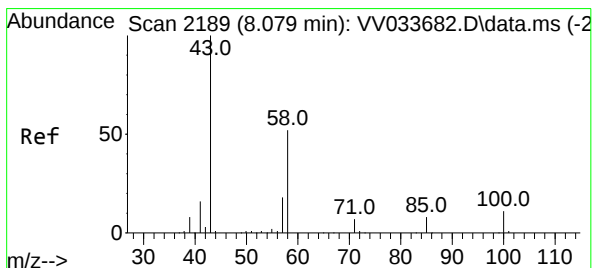
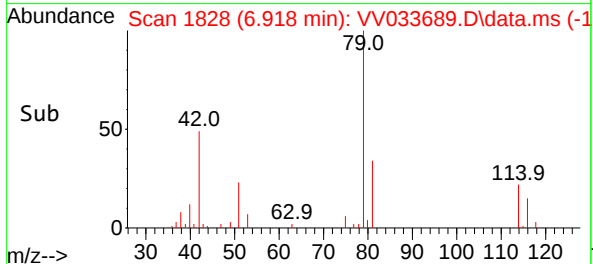
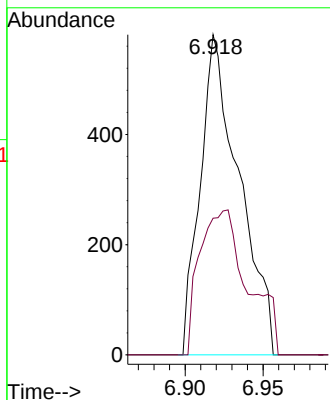
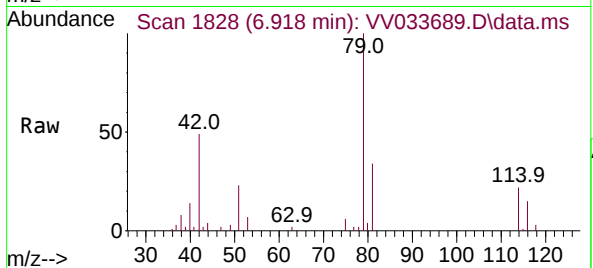
ClientSampleId :

Tgt Ion: 75 Resp: 1009

Ion Ratio Lower Upper

75 100

77 42.7 22.5 41.7#



#48

2-Hexanone

Concen: 2.632 ug/L

RT: 8.091 min Scan# 2193

Delta R.T. 0.013 min

Lab File: VV033689.D

Acq: 16 Jan 2024 22:58

Tgt Ion: 43 Resp: 7668

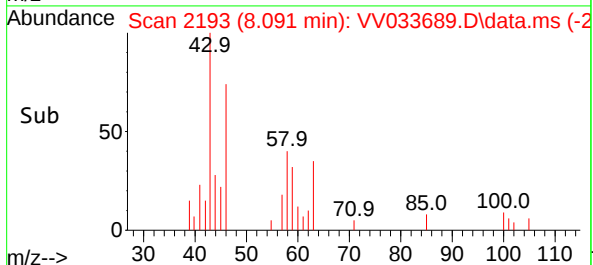
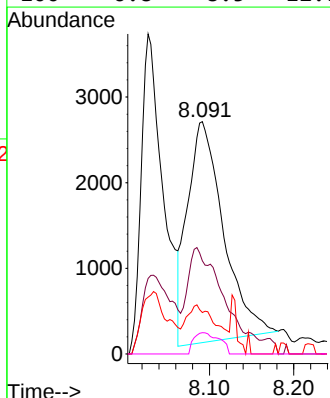
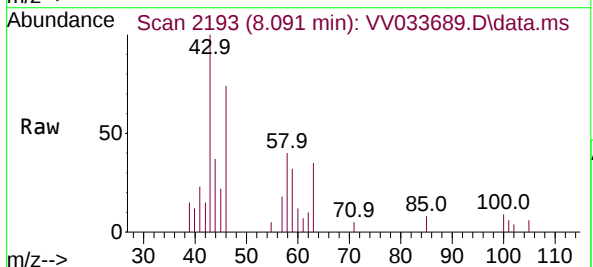
Ion Ratio Lower Upper

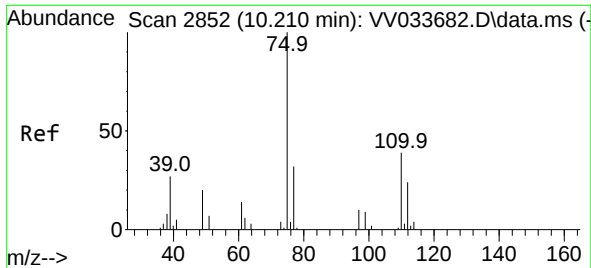
43 100

58 49.3 40.6 61.0

57 18.1 13.8 20.8

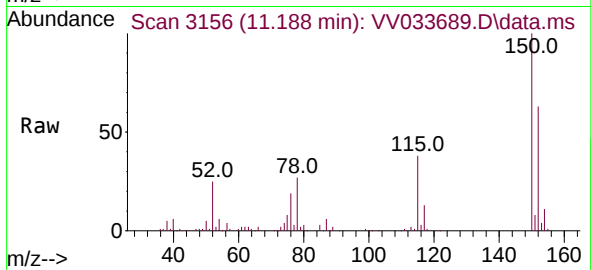
100 6.8 8.5 12.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.611 ug/L
 RT: 11.188 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV033689.D
 Acq: 16 Jan 2024 22:58

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6327
 Ion Ratio Lower Upper
 75 100
 77 35.0 24.7 37.1
 110 1.1 28.0 42.0#

