

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033686.D
 Acq On : 16 Jan 2024 21:46
 Operator : SY/MD
 Sample : P1120-20DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 03:30:27 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)

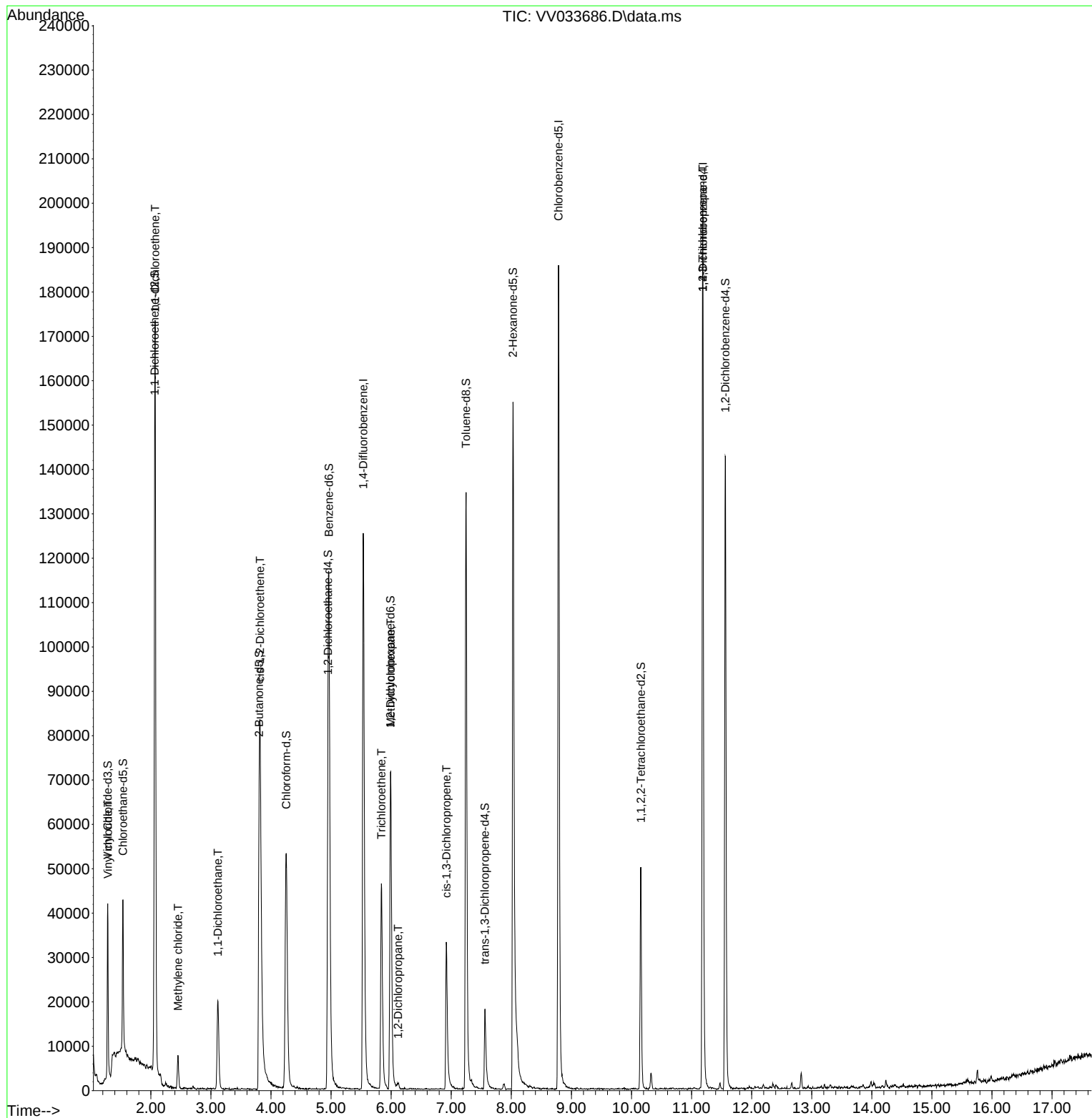
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	109802	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	99835	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	49775	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	20146	3.355	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.200%
7) Chloroethane-d5	1.536	69	20843	3.914	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.063	65	10058	3.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	3.802	46	70700	48.159	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.320%
24) Chloroform-d	4.253	84	57538	4.431	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	4.947	65	28820	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	4.963	84	105680	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	5.989	67	35960	4.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.246	98	90460	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.561	79	12119	4.365	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.027	63	57596	52.835	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.680%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	24477	5.216	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	36442	4.768	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	5092	0.446	ug/L	85
12) 1,1-Dichloroethene	2.073	96	37192	4.805	ug/L	96
16) Methylene chloride	2.452	84	2785	0.305	ug/L	93
19) 1,1-Dichloroethane	3.114	63	20925	1.205	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	29093	3.178	ug/L	96
34) Trichloroethene	5.838	95	17327	1.836	ug/L	94
35) Methylcyclohexane	5.992	83	8446	0.529	ug/L #	18
37) 1,2-Dichloropropane	6.114	63	523	0.059	ug/L #	87
39) cis-1,3-Dichloropropene	6.918	75	1112	0.088	ug/L #	73
61) 1,2,3-Trichloropropane	11.185	75	6789	1.701	ug/L #	68

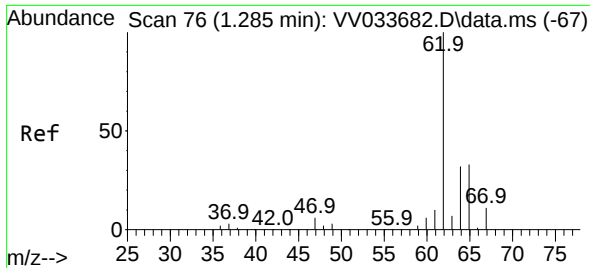
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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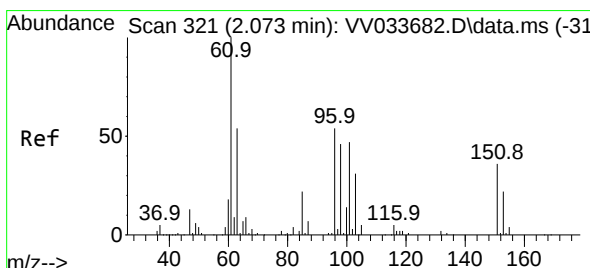
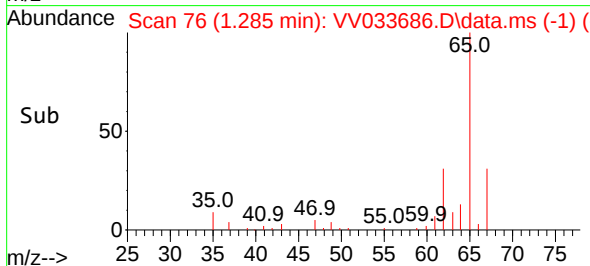
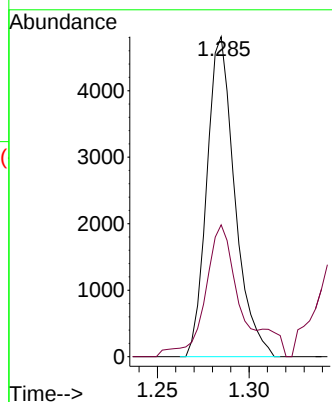
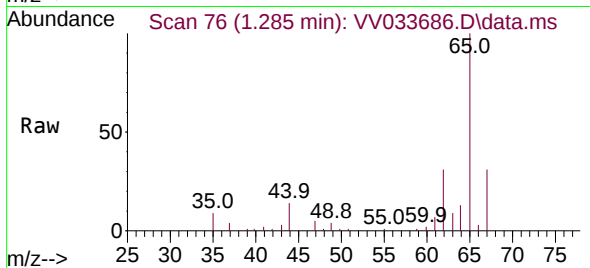




#5
 Vinyl chloride
 Concen: 0.446 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033686.D
 Acq: 16 Jan 2024 21:46

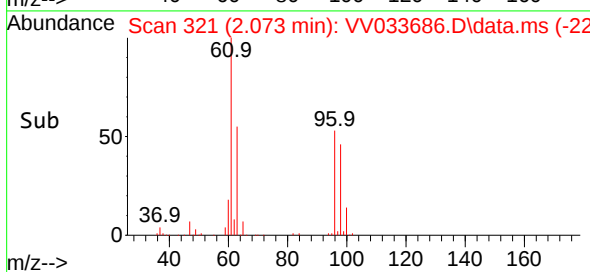
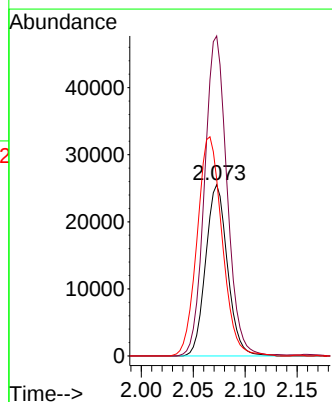
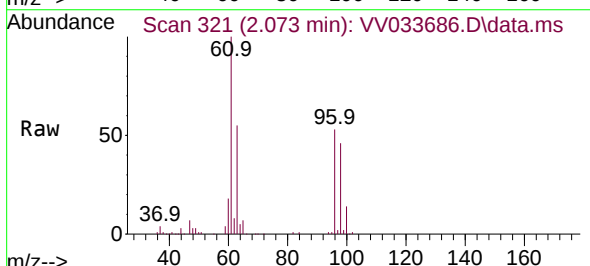
Instrument :
 MSVOA_V
 ClientSampleId :

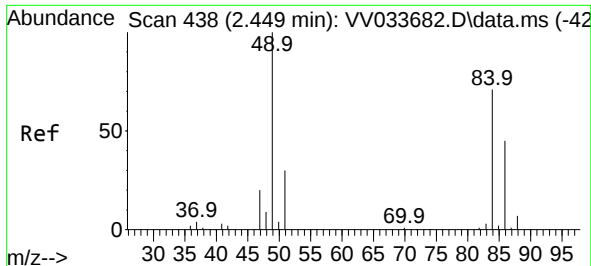
Tgt Ion: 62 Resp: 5092
 Ion Ratio Lower Upper
 62 100
 64 41.2 23.0 42.8



#12
 1,1-Dichloroethene
 Concen: 4.805 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV033686.D
 Acq: 16 Jan 2024 21:46

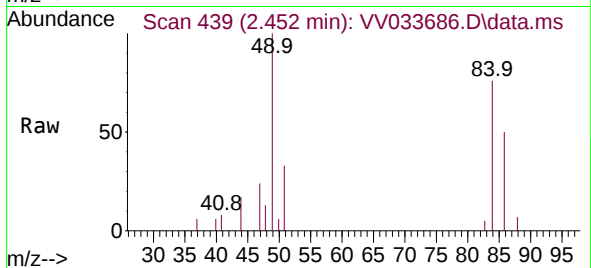
Tgt Ion: 96 Resp: 37192
 Ion Ratio Lower Upper
 96 100
 61 186.9 133.8 248.4
 63 103.3 77.2 143.4





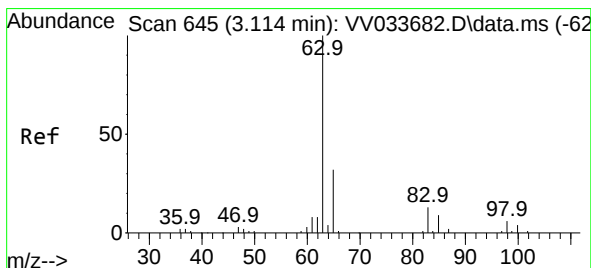
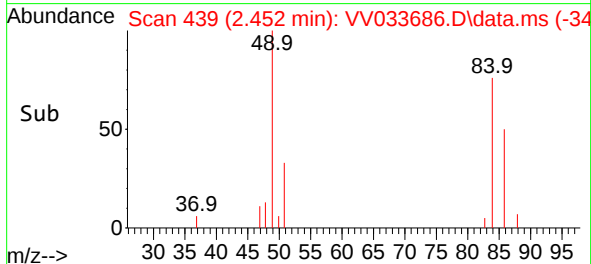
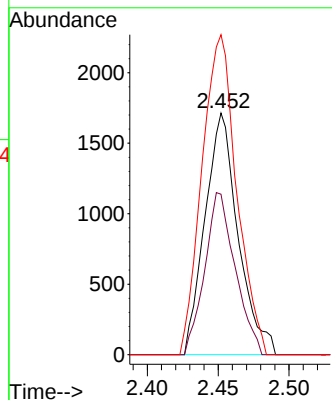
#16
Methylene chloride
Concen: 0.305 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV033686.D
Acq: 16 Jan 2024 21:46

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 2785

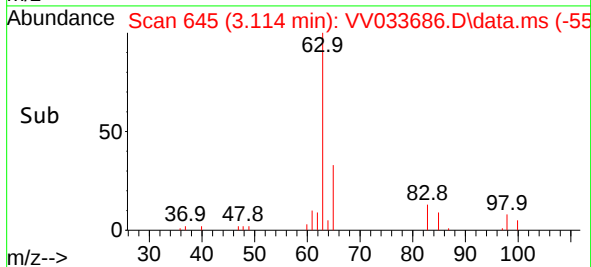
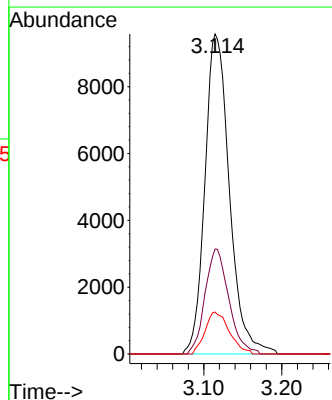
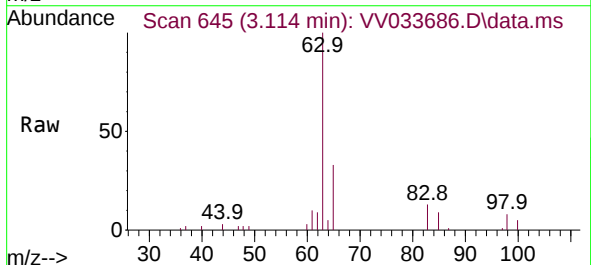
Ion	Ratio	Lower	Upper
84	100		
86	66.5	45.5	84.5
49	132.4	100.3	186.3

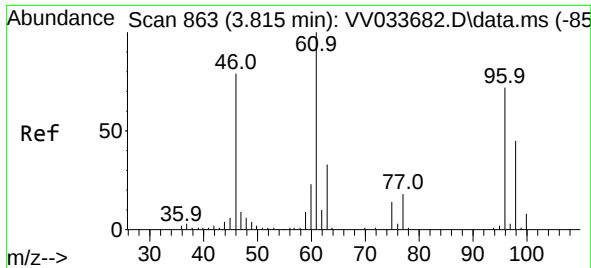


#19
1,1-Dichloroethane
Concen: 1.205 ug/L
RT: 3.114 min Scan# 645
Delta R.T. -0.000 min
Lab File: VV033686.D
Acq: 16 Jan 2024 21:46

Tgt Ion: 63 Resp: 20925

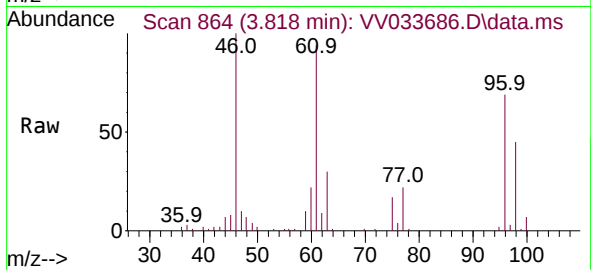
Ion	Ratio	Lower	Upper
63	100		
65	32.8	21.6	40.2
83	13.1	9.1	16.9



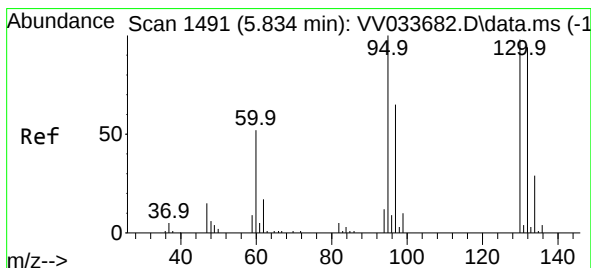
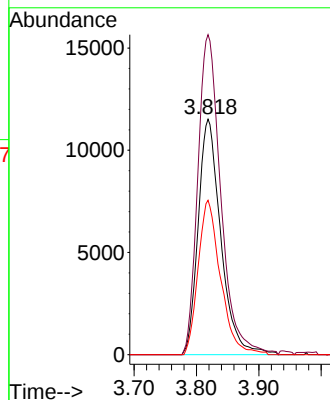
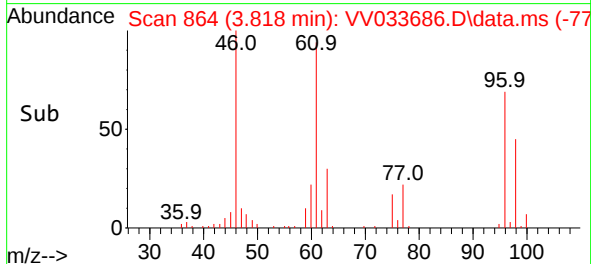


#22
cis-1,2-Dichloroethene
Concen: 3.178 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV033686.D
Acq: 16 Jan 2024 21:46

Instrument :
MSVOA_V
ClientSampleId :

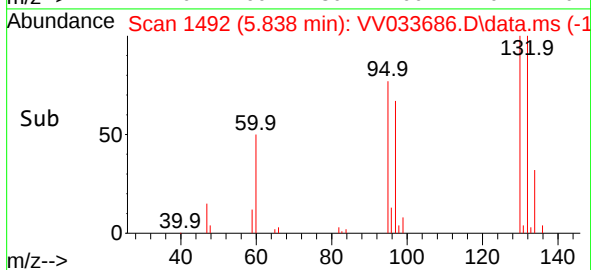
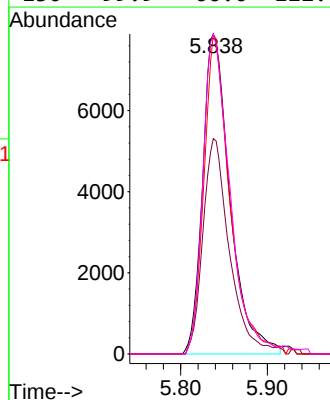
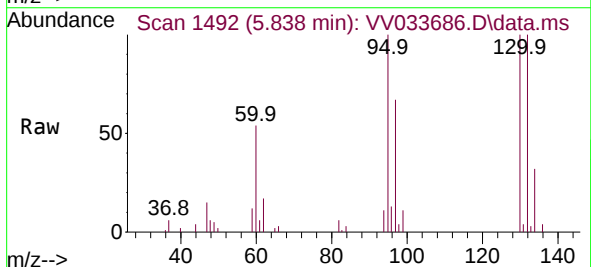


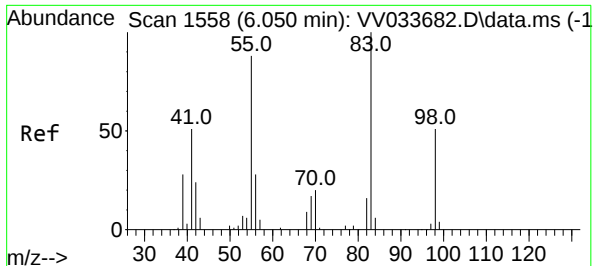
Tgt Ion: 96 Resp: 29093
Ion Ratio Lower Upper
96 100
61 135.9 97.1 180.3
98 65.5 42.6 79.0



#34
Trichloroethene
Concen: 1.836 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV033686.D
Acq: 16 Jan 2024 21:46

Tgt Ion: 95 Resp: 17327
Ion Ratio Lower Upper
95 100
97 67.3 45.1 83.9
132 99.8 65.2 121.2
130 99.9 66.0 122.6





#35

Methylcyclohexane

Concen: 0.529 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV033686.D

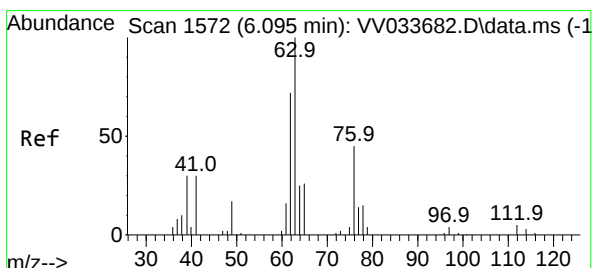
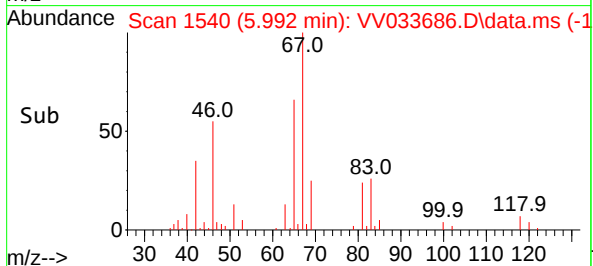
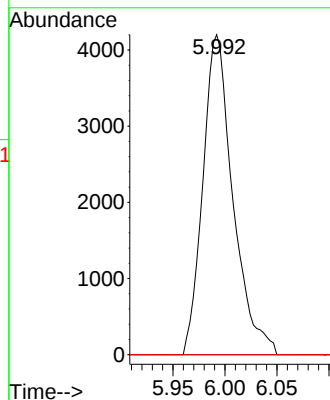
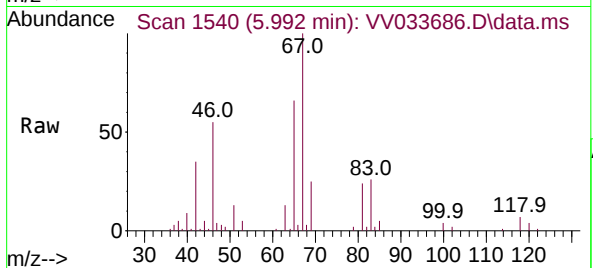
Acq: 16 Jan 2024 21:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp:	8446
Ion Ratio	Lower	Upper
83	100	
55	0.0	68.7 103.1#
98	7.2	38.3 57.5#



#37

1,2-Dichloropropane

Concen: 0.059 ug/L

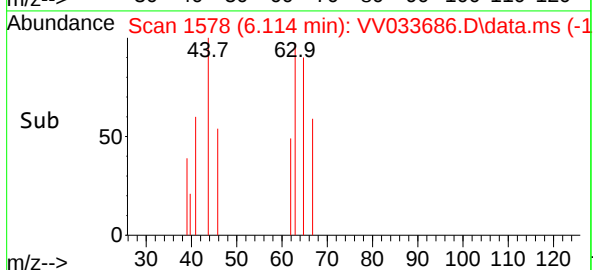
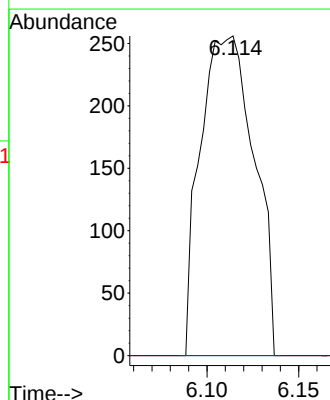
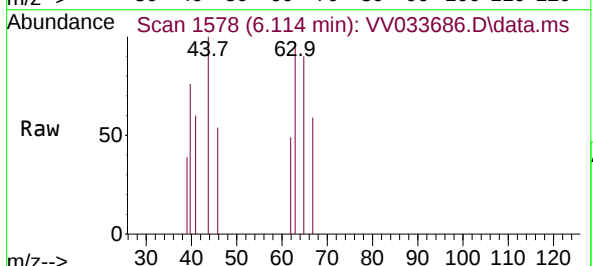
RT: 6.114 min Scan# 1578

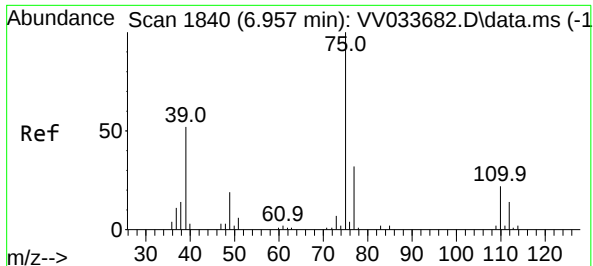
Delta R.T. 0.019 min

Lab File: VV033686.D

Acq: 16 Jan 2024 21:46

Tgt Ion: 63	Resp:	523
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.918 min Scan# 1112

Delta R.T. -0.039 min

Lab File: VV033686.D

Acq: 16 Jan 2024 21:46

Instrument :

MSVOA_V

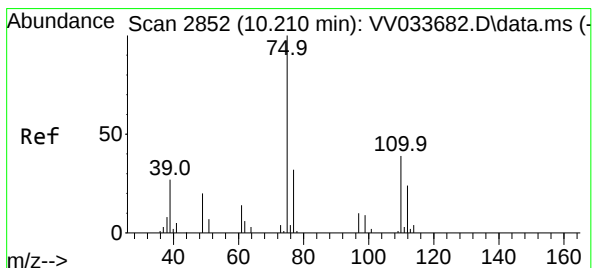
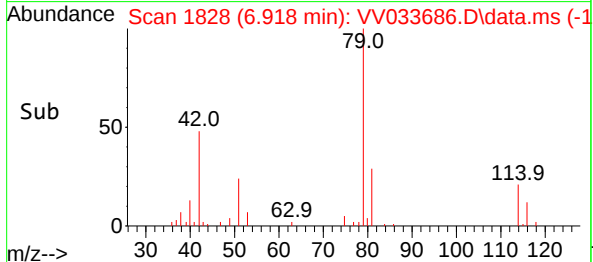
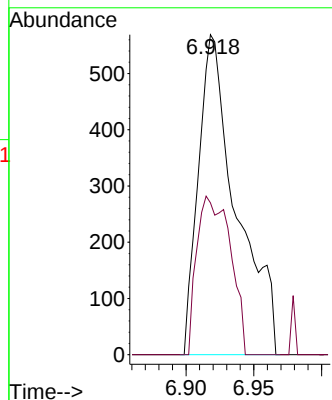
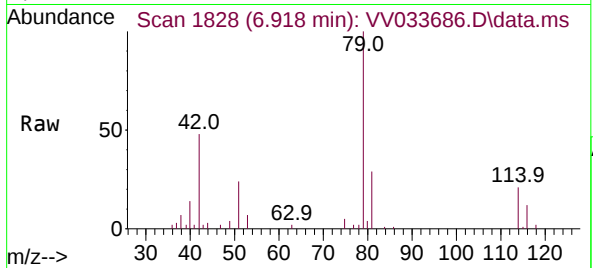
ClientSampleId :

Tgt Ion: 75 Resp: 1112

Ion Ratio Lower Upper

75 100

77 47.5 22.5 41.7#



#61

1,2,3-Trichloropropane

Concen: 1.701 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV033686.D

Acq: 16 Jan 2024 21:46

Tgt Ion: 75 Resp: 6789

Ion Ratio Lower Upper

75 100

77 33.6 24.7 37.1

110 2.2 28.0 42.0#

