

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011824\
 Data File : VW033731.D
 Acq On : 18 Jan 2024 11:20
 Operator : SY/MD
 Sample : P1121-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 19 00:09:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 19 00:08:23 2024
 Response via : Initial Calibration

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

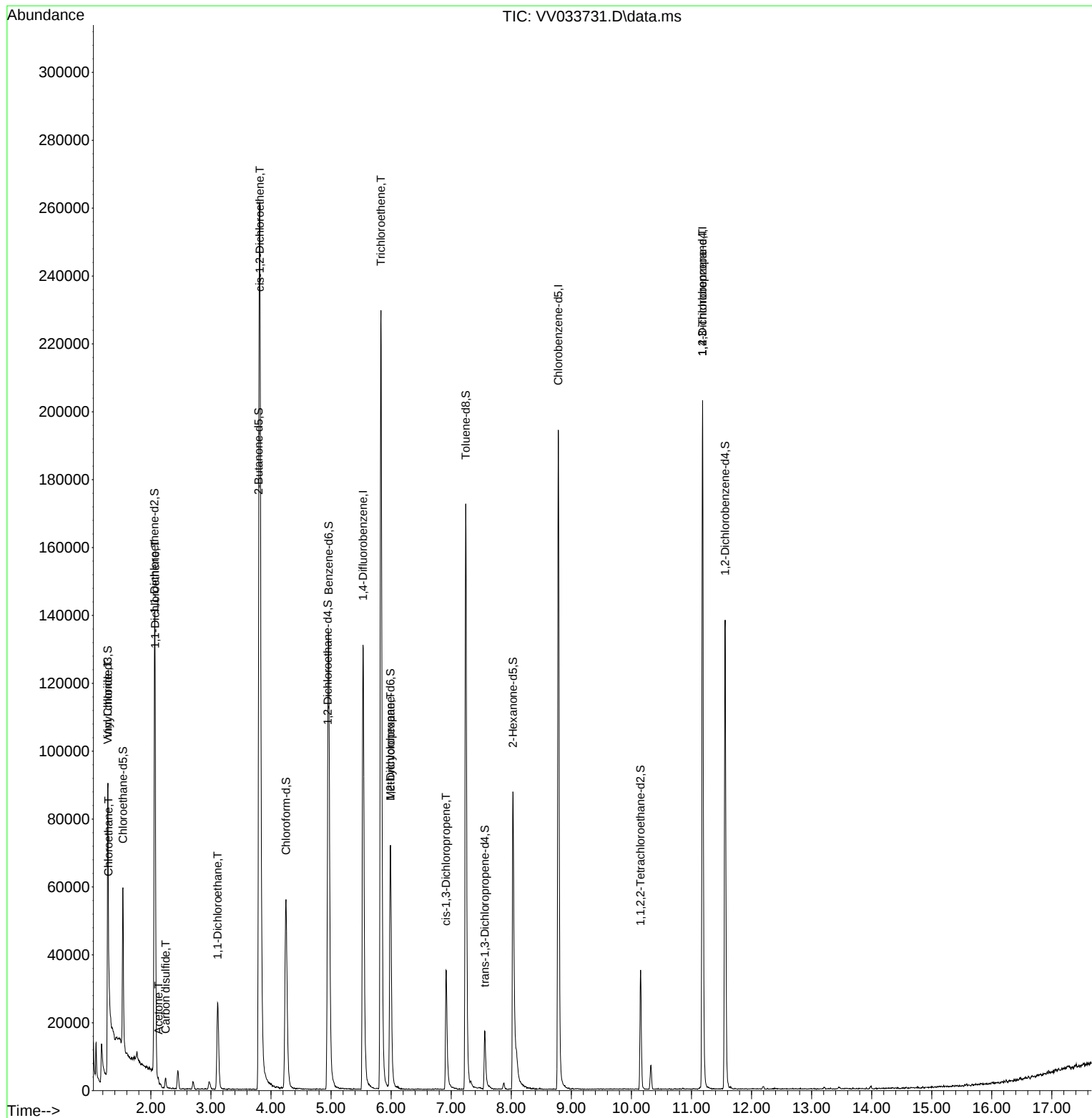
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	115482	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	104505	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	52080	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	37866	5.996	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.000%
7) Chloroethane-d5	1.536	69	28791	5.141	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.060	65	16692	5.865	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.400%
20) 2-Butanone-d5	3.796	46	43704	28.306	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	56.620%
24) Chloroform-d	4.249	84	59509	4.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	4.944	65	26565	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	4.960	84	127721	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	5.989	67	35523	4.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.243	98	117570	5.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	7.561	79	11700	4.026	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.027	63	33164	29.063	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	58.120%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	18080	3.681	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	36588	4.576	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	13129	1.093	ug/L #	1
8) Chloroethane	1.294	64	53658	7.354	ug/L #	52
12) 1,1-Dichloroethene	2.073	96	18343	2.253	ug/L #	63
13) Acetone	2.127	43	2023	1.614	ug/L	64
14) Carbon disulfide	2.246	76	3419	0.114	ug/L	96
19) 1,1-Dichloroethane	3.114	63	27312	1.495	ug/L	97
22) cis-1,2-Dichloroethene	3.812	96	135427	14.065	ug/L	97
34) Trichloroethene	5.831	95	81209	8.222	ug/L	95
35) Methylcyclohexane	5.989	83	8183	0.489	ug/L #	17
39) cis-1,3-Dichloropropene	6.915	75	1001	0.076	ug/L #	70
61) 1,2,3-Trichloropropane	11.185	75	6663	1.596	ug/L #	67

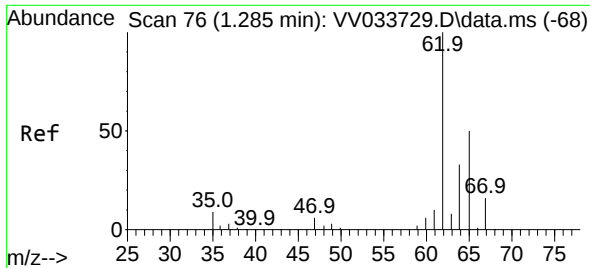
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 19 00:09:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 19 00:08:23 2024
Response via : Initial Calibration

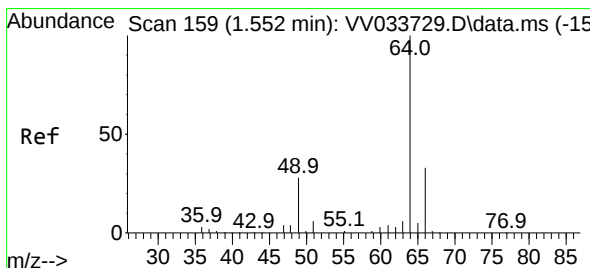
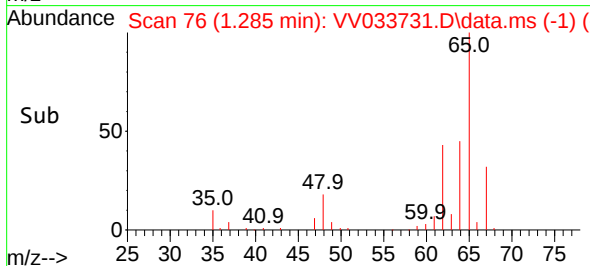
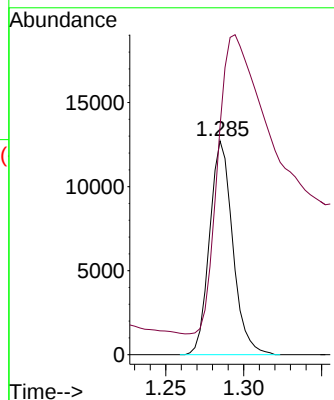
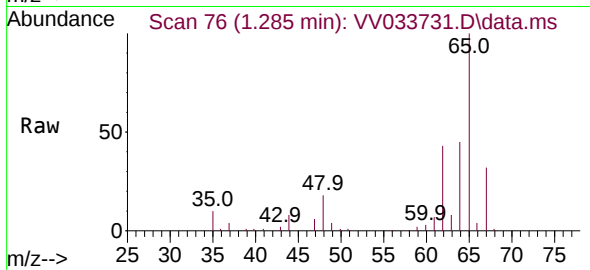




#5
 Vinyl chloride
 Concen: 1.093 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV033731.D
 Acq: 18 Jan 2024 11:20

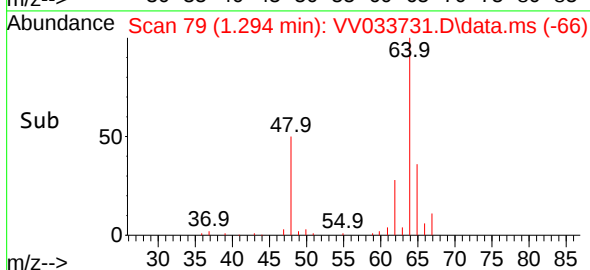
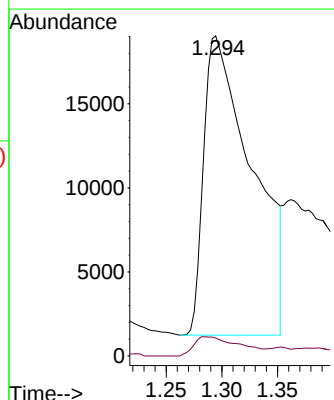
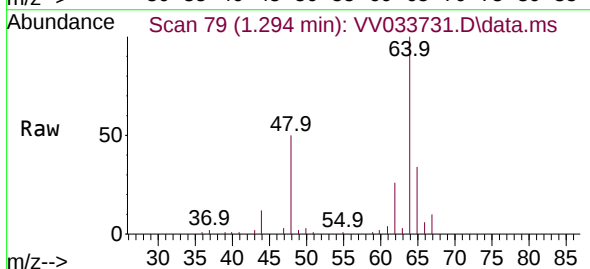
Instrument :
 MSVOA_V
 ClientSampleId :

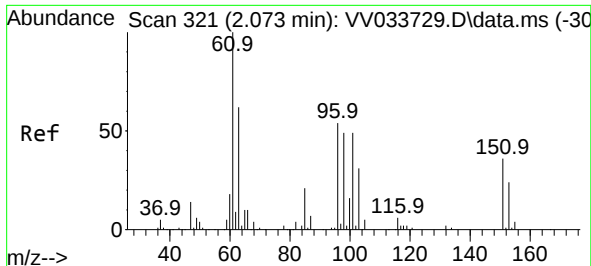
Tgt Ion: 62 Resp: 13129
 Ion Ratio Lower Upper
 62 100
 64 106.8 23.0 42.8#



#8
 Chloroethane
 Concen: 7.354 ug/L
 RT: 1.294 min Scan# 79
 Delta R.T. -0.257 min
 Lab File: VV033731.D
 Acq: 18 Jan 2024 11:20

Tgt Ion: 64 Resp: 53658
 Ion Ratio Lower Upper
 64 100
 66 5.6 22.6 42.0#





#12

1,1-Dichloroethene

Concen: 2.253 ug/L

RT: 2.073 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033731.D

Acq: 18 Jan 2024 11:20

Instrument :

MSVOA_V

ClientSampleId :

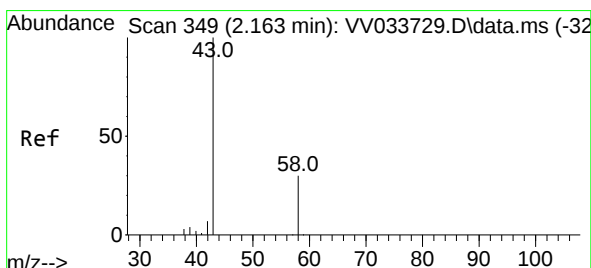
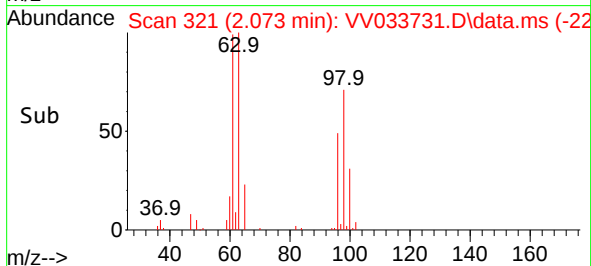
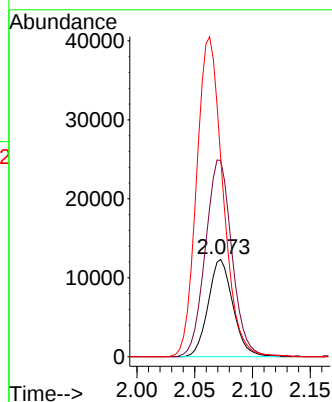
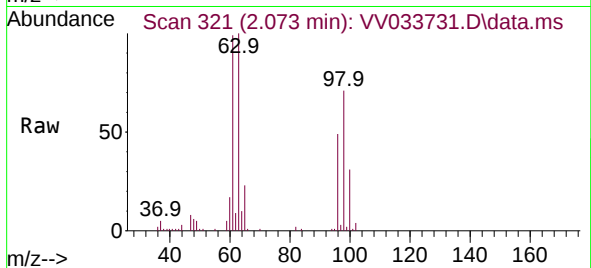
Tgt Ion: 96 Resp: 18343

Ion Ratio Lower Upper

96 100

61 201.7 133.8 248.4

63 204.1 77.2 143.4#



#13

Acetone

Concen: 1.614 ug/L

RT: 2.127 min Scan# 338

Delta R.T. -0.035 min

Lab File: VV033731.D

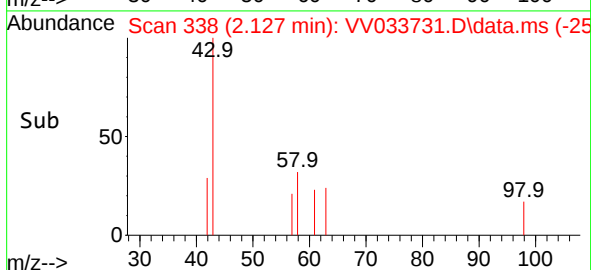
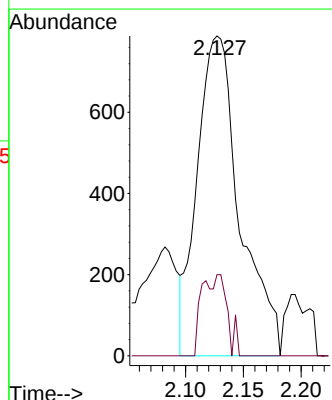
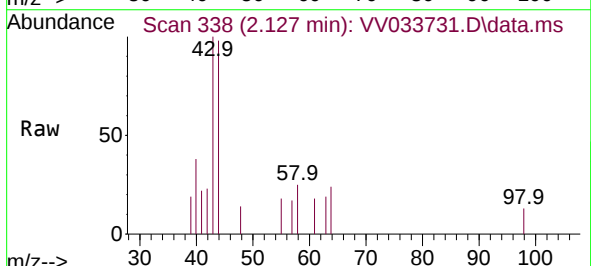
Acq: 18 Jan 2024 11:20

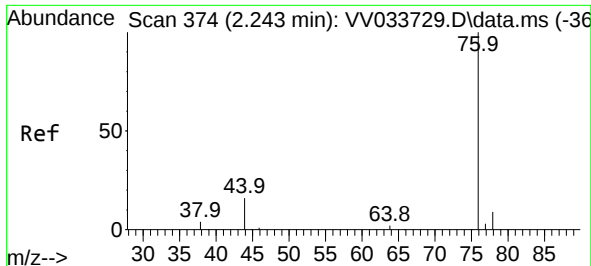
Tgt Ion: 43 Resp: 2023

Ion Ratio Lower Upper

43 100

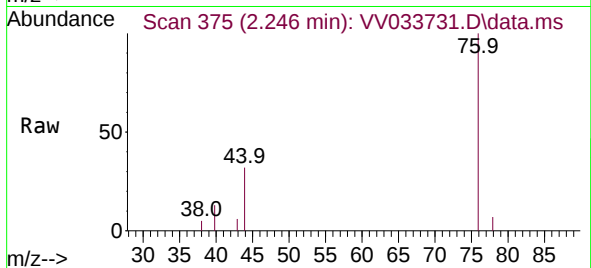
58 7.3 0.0 51.0



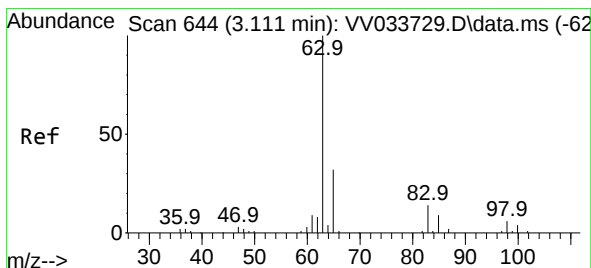
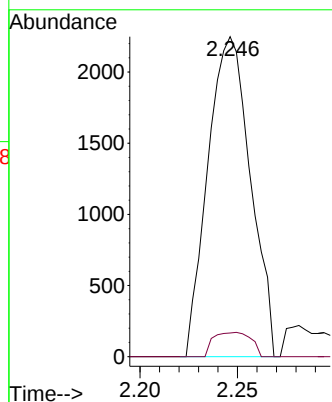
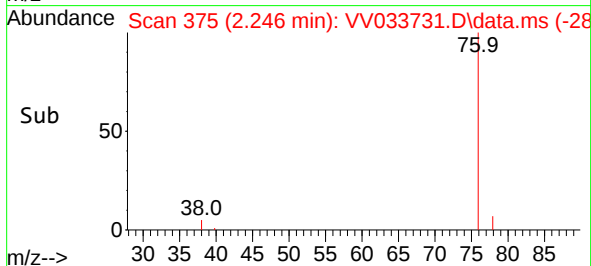


#14
Carbon disulfide
Concen: 0.114 ug/L
RT: 2.246 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV033731.D
Acq: 18 Jan 2024 11:20

Instrument :
MSVOA_V
ClientSampleId :

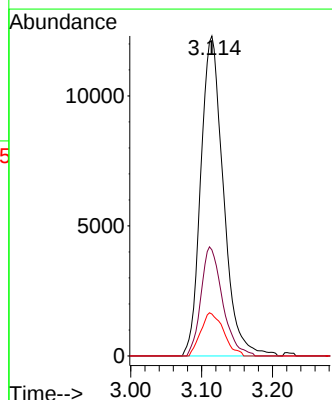
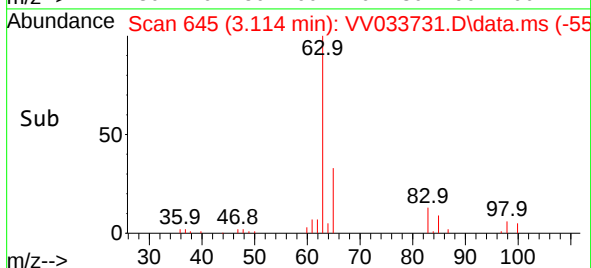
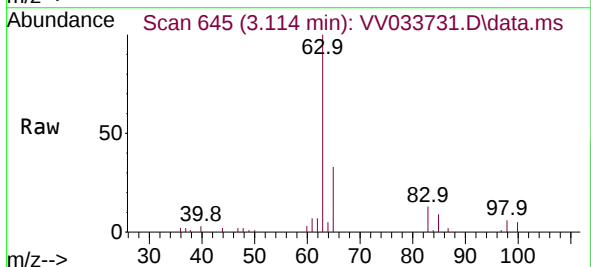


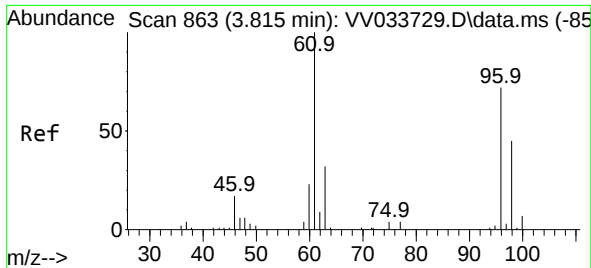
Tgt Ion: 76 Resp: 3419
Ion Ratio Lower Upper
76 100
78 7.4 7.1 10.7



#19
1,1-Dichloroethane
Concen: 1.495 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV033731.D
Acq: 18 Jan 2024 11:20

Tgt Ion: 63 Resp: 27312
Ion Ratio Lower Upper
63 100
65 33.1 21.6 40.2
83 13.1 9.1 16.9

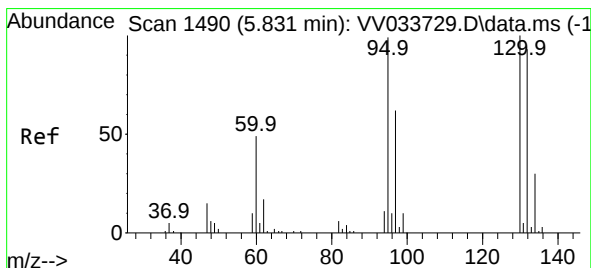
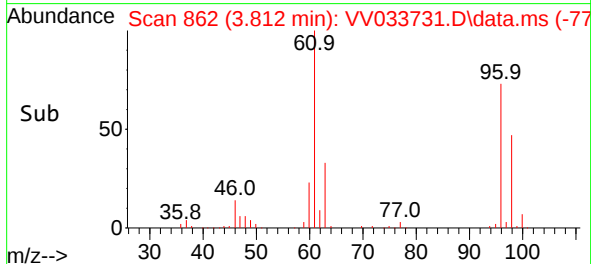
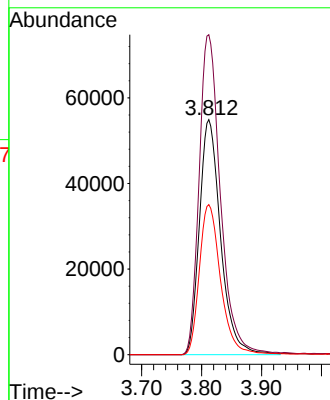
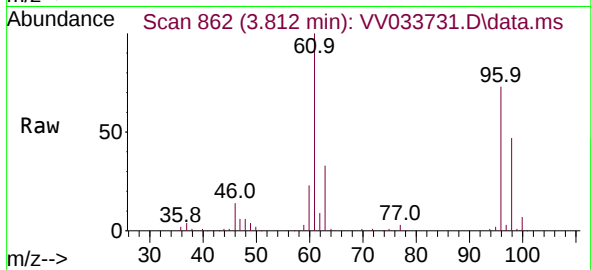




#22
cis-1,2-Dichloroethene
Concen: 14.065 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.003 min
Lab File: VV033731.D
Acq: 18 Jan 2024 11:20

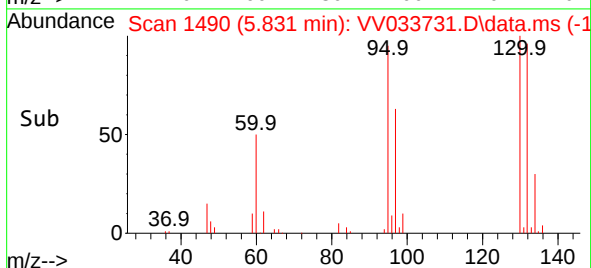
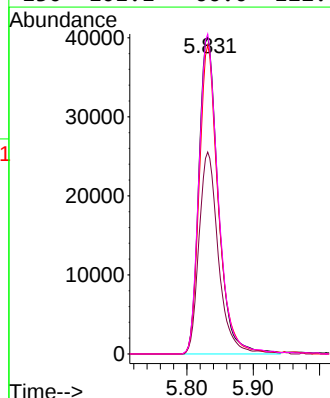
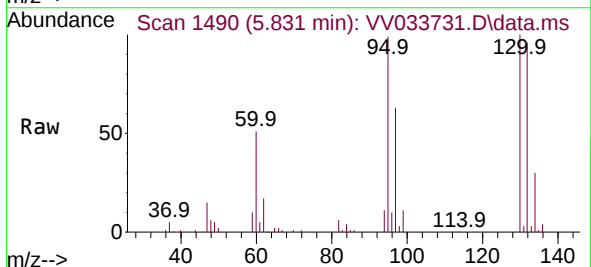
Instrument :
MSVOA_V
ClientSampleId :

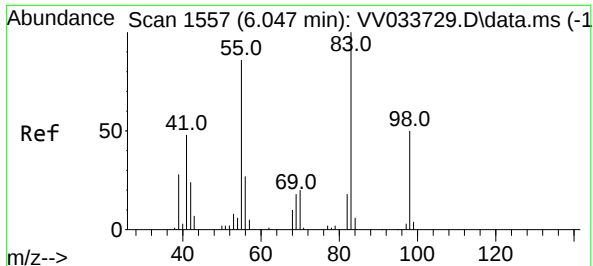
Tgt Ion: 96 Resp: 135427
Ion Ratio Lower Upper
96 100
61 136.1 97.1 180.3
98 63.9 42.6 79.0



#34
Trichloroethene
Concen: 8.222 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV033731.D
Acq: 18 Jan 2024 11:20

Tgt Ion: 95 Resp: 81209
Ion Ratio Lower Upper
95 100
97 63.8 45.1 83.9
132 97.6 65.2 121.2
130 101.1 66.0 122.6

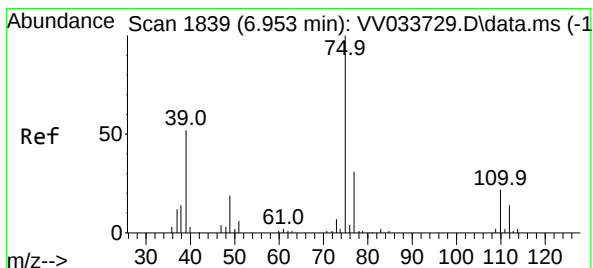
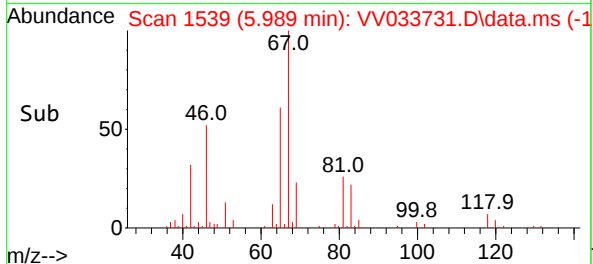
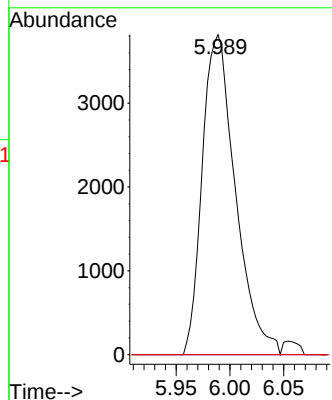
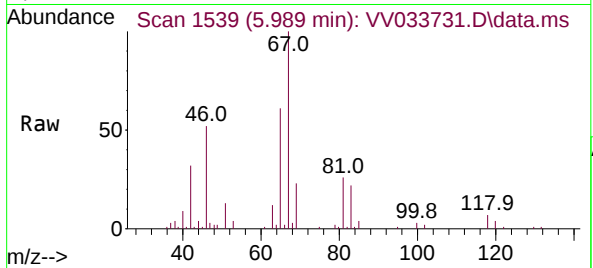




#35
Methylcyclohexane
Concen: 0.489 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV033731.D
Acq: 18 Jan 2024 11:20

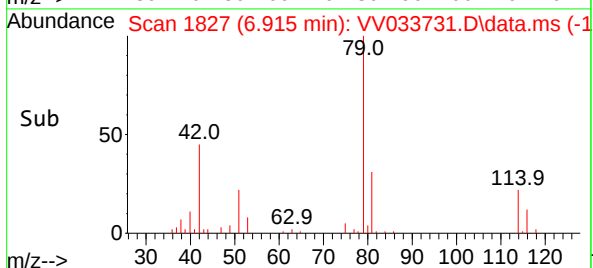
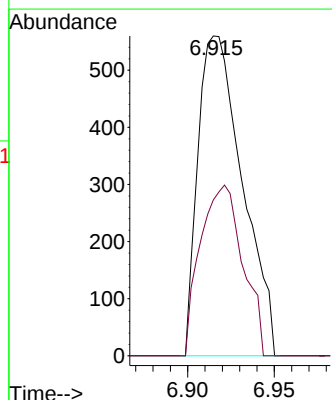
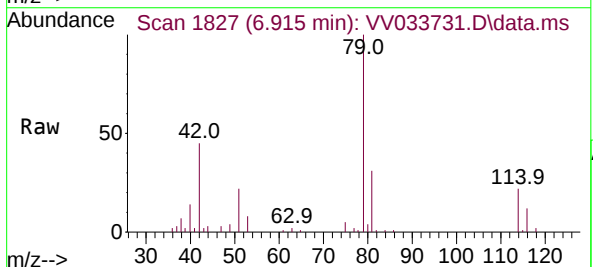
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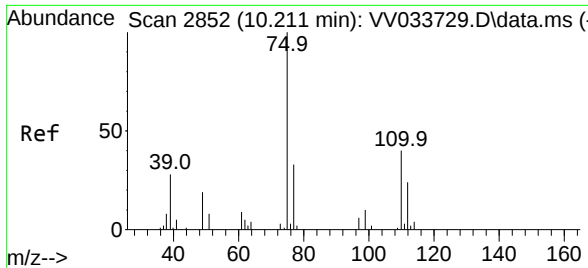
Tgt Ion: 83 Resp: 8183
Ion Ratio Lower Upper
83 100
55 0.0 68.7 103.1#
98 4.1 38.3 57.5#



#39
cis-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 6.915 min Scan# 1827
Delta R.T. -0.039 min
Lab File: VV033731.D
Acq: 18 Jan 2024 11:20

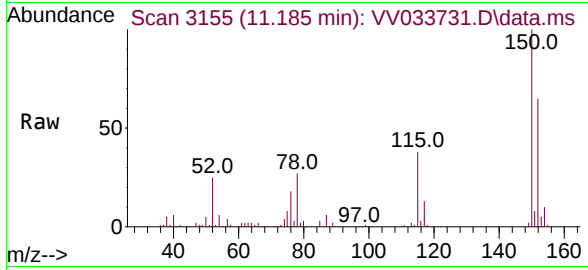
Tgt Ion: 75 Resp: 1001
Ion Ratio Lower Upper
75 100
77 48.8 22.5 41.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.596 ug/L
 RT: 11.185 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV033731.D
 Acq: 18 Jan 2024 11:20

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	6663
Ion Ratio	Lower	Upper
75	100	
77	33.6	24.7 37.1
110	0.9	28.0 42.0#

