

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
 Data File : VW034091.D
 Acq On : 09 Feb 2024 04:33
 Operator : SY/MD
 Sample : P1402-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC3

Quant Time: Feb 09 05:42:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 03:48:51 2024
 Response via : Initial Calibration

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

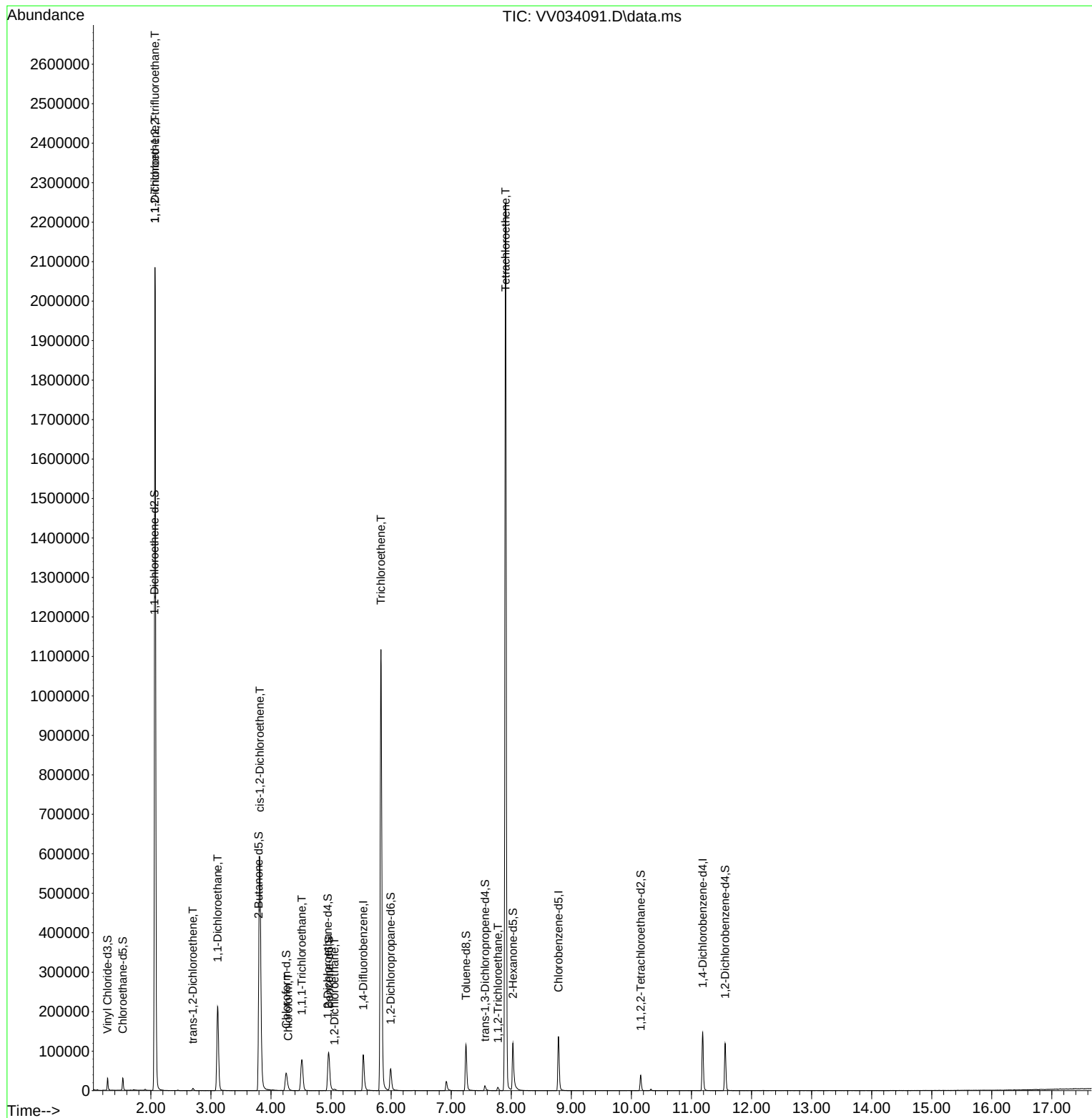
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	79184	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	73693	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37996	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	19375	3.159	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.532	69	19667	3.661	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	2.060	65	10861	3.672	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	3.796	46	48773	47.355	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.700%
24) Chloroform-d	4.252	84	46235	4.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	4.947	65	24838	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	4.963	84	86643	3.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	5.992	67	25183	4.075	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.246	98	78846	3.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	7.564	79	8181	3.506	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.200%
46) 2-Hexanone-d5	8.027	63	42715	51.274	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.540%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	17687	4.721	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	30886	4.470	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	26295	4.615	ug/L	97
12) 1,1-Dichloroethene	2.069	96	556098	100.529	ug/L #	70
18) trans-1,2-Dichloroethene	2.699	96	1975	0.351	ug/L	97
19) 1,1-Dichloroethane	3.111	63	210419	20.324	ug/L	95
22) cis-1,2-Dichloroethene	3.812	96	310512	48.575	ug/L	97
25) Chloroform	4.285	83	4121	0.394	ug/L	95
27) 1,2-Dichloroethane	5.056	62	3575	0.597	ug/L #	76
29) 1,1,1-Trichloroethane	4.513	97	65720	6.642	ug/L	98
34) Trichloroethene	5.831	95	367443	57.441	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	2554	0.773	ug/L	89
47) Tetrachloroethene	7.905	164	465985	89.652	ug/L	97

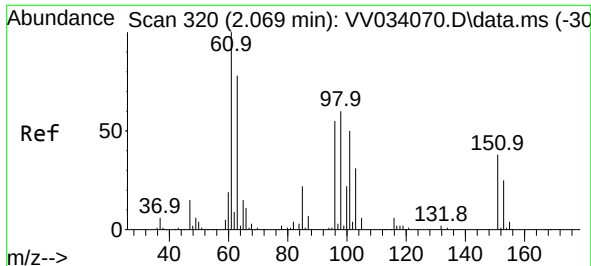
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020824\
Data File : VV034091.D
Acq On : 09 Feb 2024 04:33
Operator : SY/MD
Sample : P1402-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AC3

Quant Time: Feb 09 05:42:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 09 03:48:51 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.615 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034091.D

Acq: 09 Feb 2024 04:33

Instrument :

MSVOA_V

ClientSampleId :

C0AC3

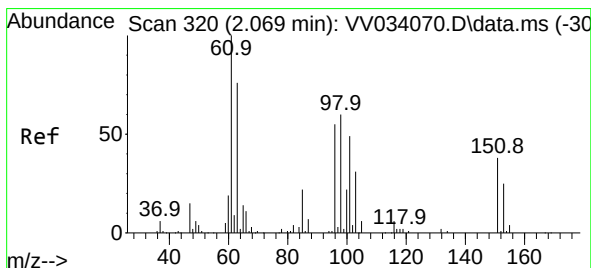
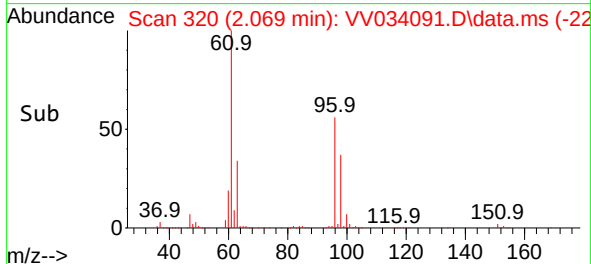
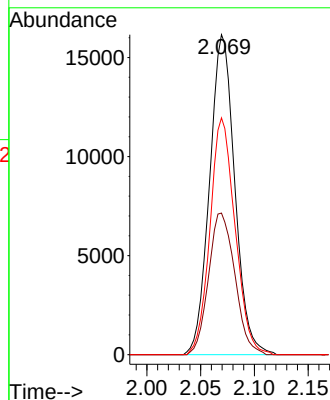
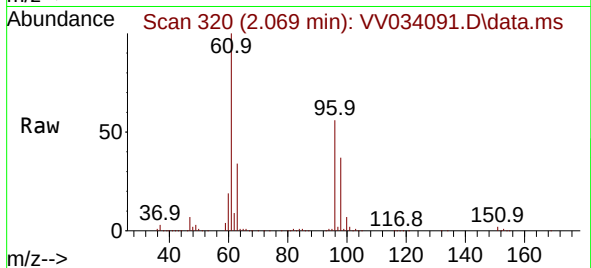
Tgt Ion:101 Resp: 26295

Ion Ratio Lower Upper

101 100

85 46.2 37.1 55.7

151 73.7 61.7 92.5



#12

1,1-Dichloroethene

Concen: 100.529 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV034091.D

Acq: 09 Feb 2024 04:33

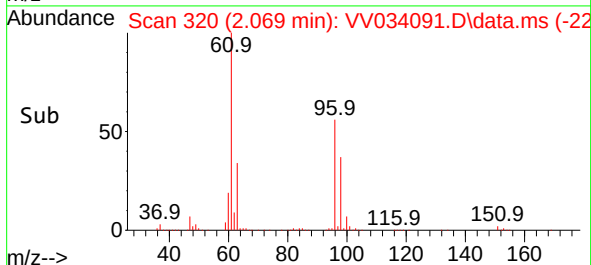
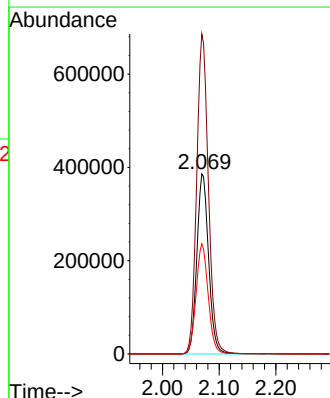
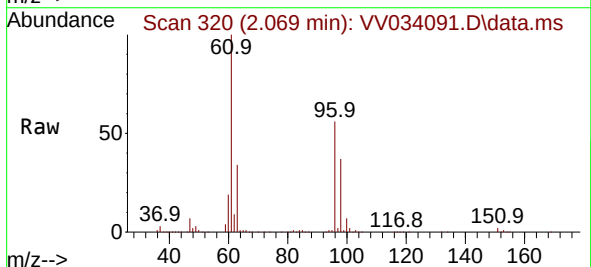
Tgt Ion: 96 Resp: 556098

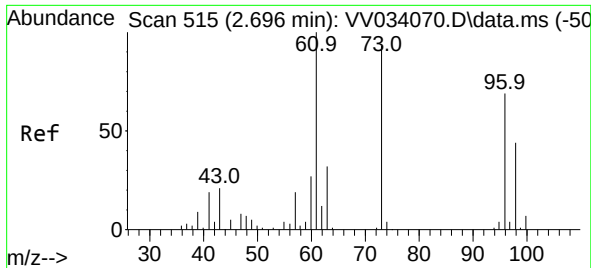
Ion Ratio Lower Upper

96 100

61 177.5 128.8 239.2

63 61.2 97.9 181.9#

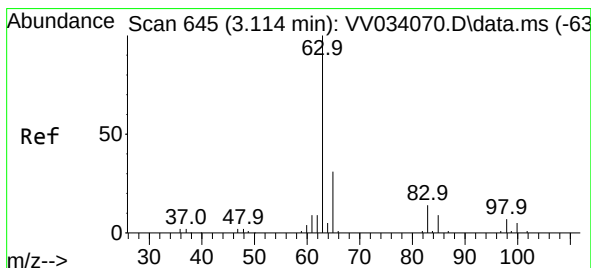
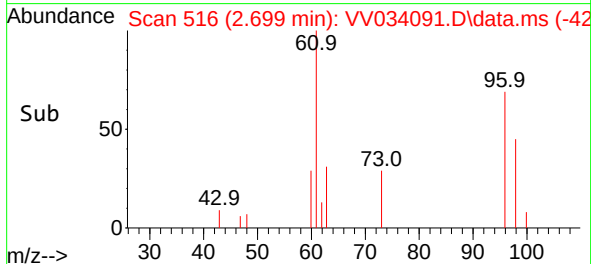
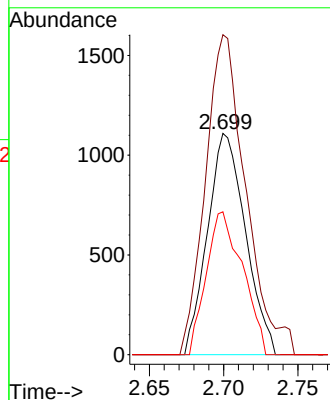
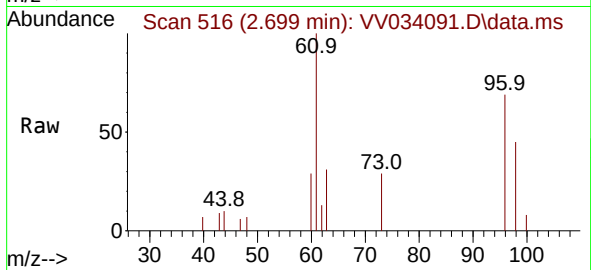




#18
trans-1,2-Dichloroethene
Concen: 0.351 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034091.D
Acq: 09 Feb 2024 04:33

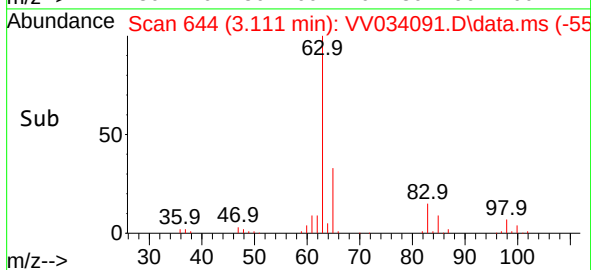
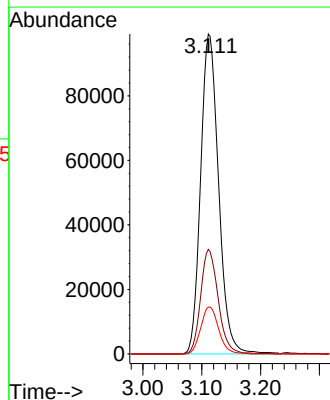
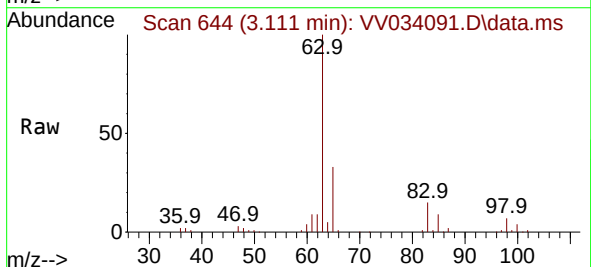
Instrument :
MSVOA_V
ClientSampleId :
C0AC3

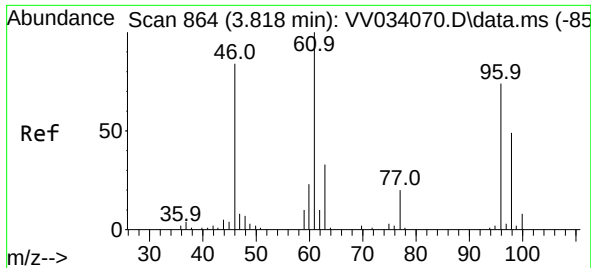
Tgt Ion: 96 Resp: 1975
Ion Ratio Lower Upper
96 100
61 144.6 97.6 181.4
98 64.6 44.4 82.5



#19
1,1-Dichloroethane
Concen: 20.324 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.003 min
Lab File: VV034091.D
Acq: 09 Feb 2024 04:33

Tgt Ion: 63 Resp: 210419
Ion Ratio Lower Upper
63 100
65 32.7 20.8 38.6
83 14.7 9.4 17.4





#22

cis-1,2-Dichloroethene

Concen: 48.575 ug/L

RT: 3.812 min Scan# 80

Delta R.T. -0.006 min

Lab File: VV034091.D

Acq: 09 Feb 2024 04:33

Instrument :

MSVOA_V

ClientSampleId :

C0AC3

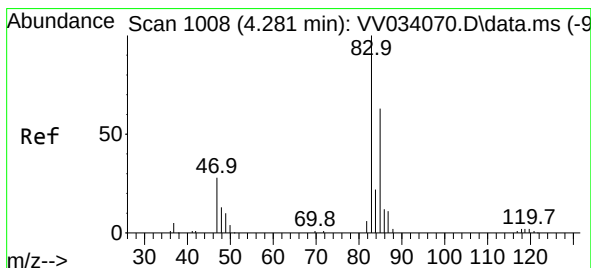
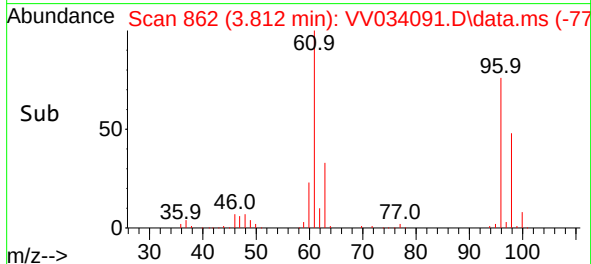
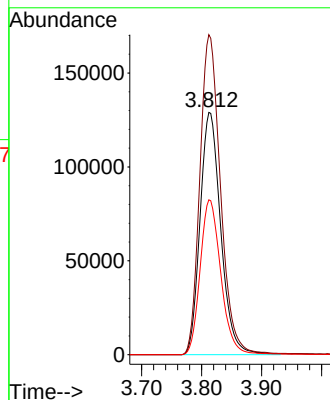
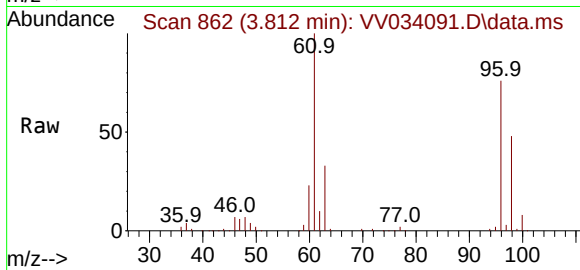
Tgt Ion: 96 Resp: 310512

Ion Ratio Lower Upper

96 100

61 132.1 90.3 167.7

98 64.0 43.2 80.2



#25

Chloroform

Concen: 0.394 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. 0.003 min

Lab File: VV034091.D

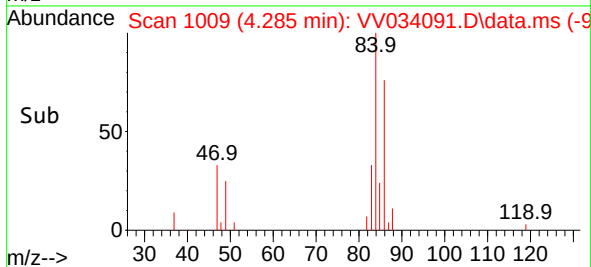
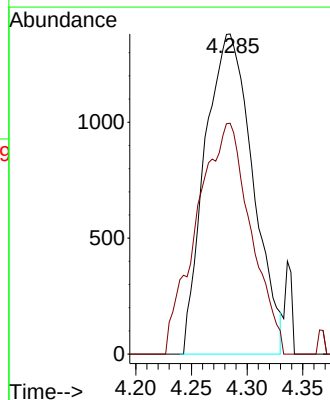
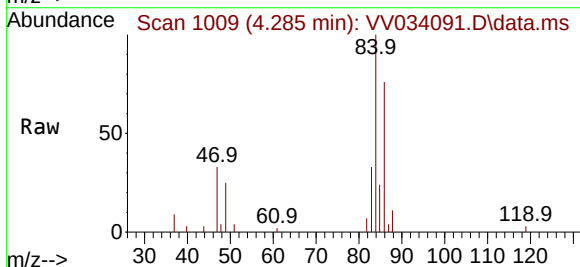
Acq: 09 Feb 2024 04:33

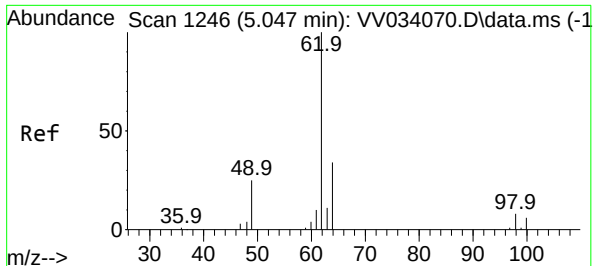
Tgt Ion: 83 Resp: 4121

Ion Ratio Lower Upper

83 100

85 72.1 47.5 88.1





#27

1,2-Dichloroethane

Concen: 0.597 ug/L

RT: 5.056 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV034091.D

Acq: 09 Feb 2024 04:33

Instrument :

MSVOA_V

ClientSampleId :

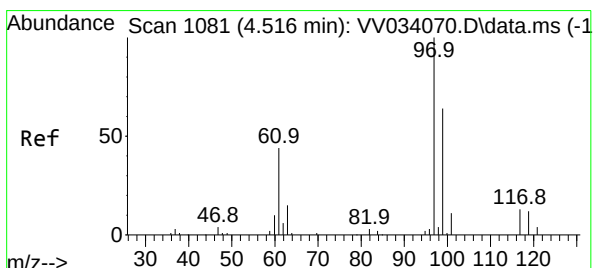
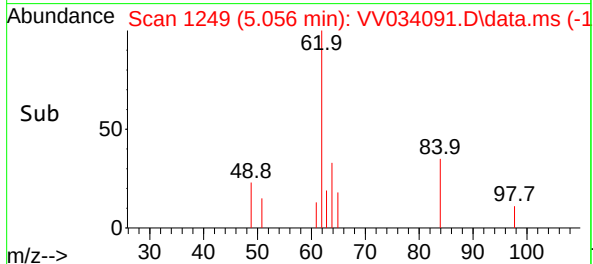
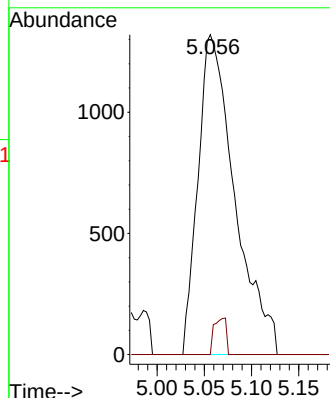
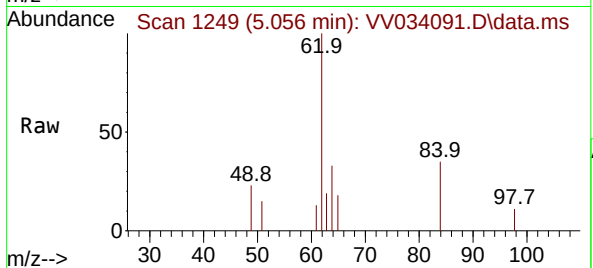
C0AC3

Tgt Ion: 62 Resp: 3575

Ion Ratio Lower Upper

62 100

98 0.0 6.9 10.3#



#29

1,1,1-Trichloroethane

Concen: 6.642 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.003 min

Lab File: VV034091.D

Acq: 09 Feb 2024 04:33

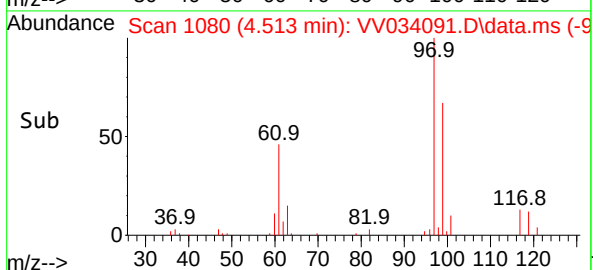
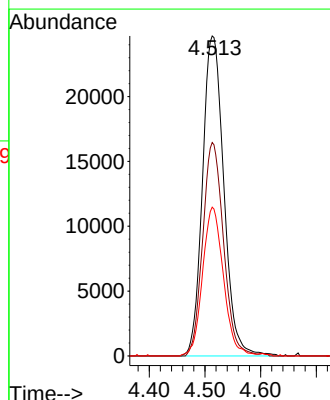
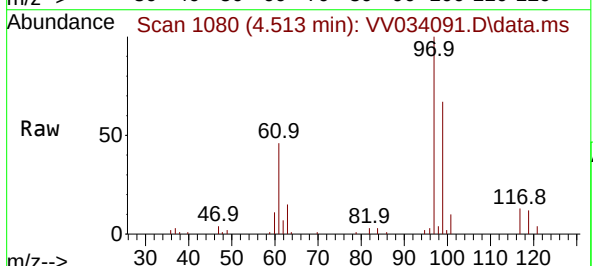
Tgt Ion: 97 Resp: 65720

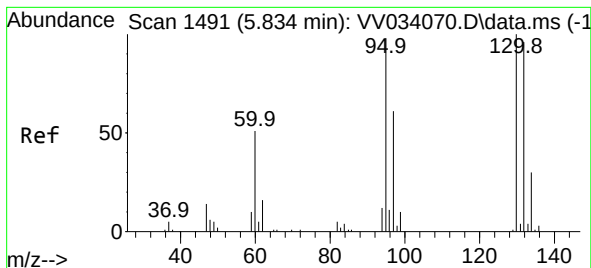
Ion Ratio Lower Upper

97 100

99 65.1 50.6 75.8

61 45.4 36.8 55.2





#34

Trichloroethene

Concen: 57.441 ug/L

RT: 5.831 min Scan# 1491

Delta R.T. -0.003 min

Lab File: VV034091.D

Acq: 09 Feb 2024 04:33

Instrument :

MSVOA_V

ClientSampleId :

C0AC3

Tgt Ion: 95 Resp: 367443

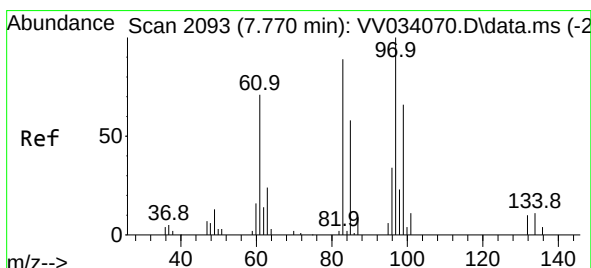
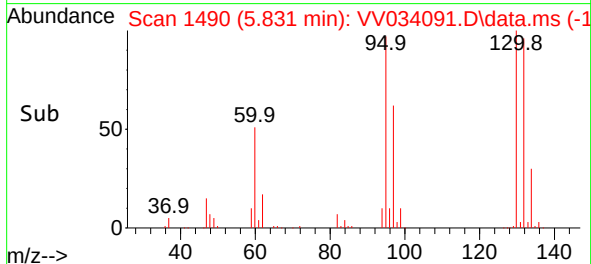
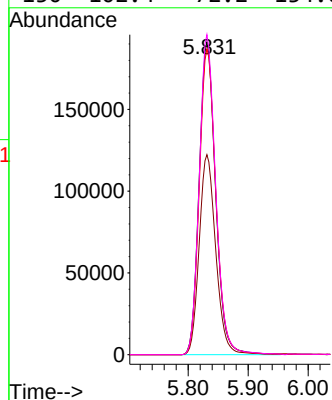
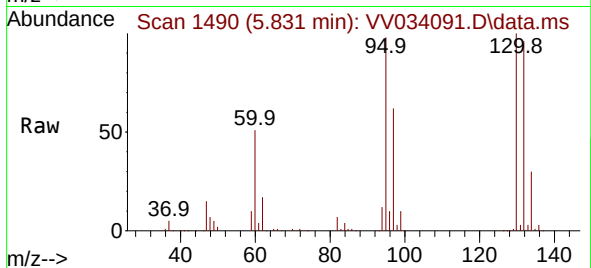
Ion Ratio Lower Upper

95 100

97 64.0 45.1 83.7

132 97.8 66.0 122.6

130 102.4 72.2 134.0



#45

1,1,2-Trichloroethane

Concen: 0.773 ug/L

RT: 7.776 min Scan# 2095

Delta R.T. 0.006 min

Lab File: VV034091.D

Acq: 09 Feb 2024 04:33

Tgt Ion: 97 Resp: 2554

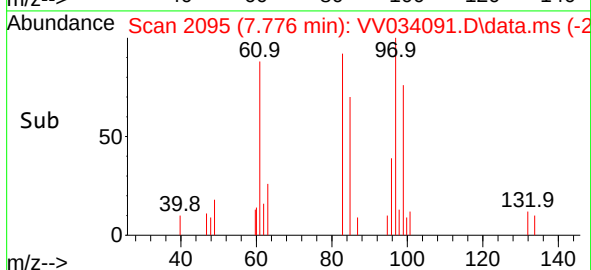
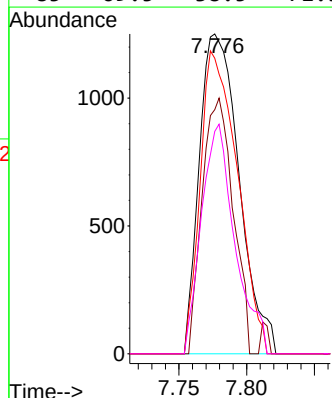
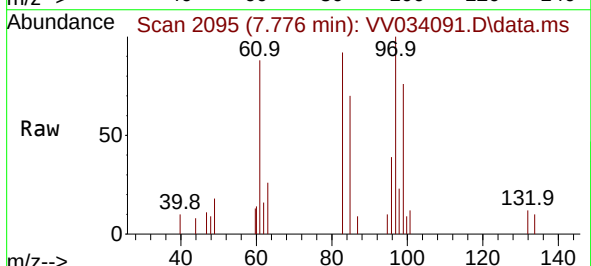
Ion Ratio Lower Upper

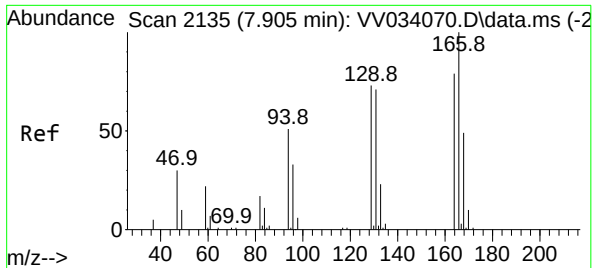
97 100

99 76.3 45.6 84.6

83 92.4 62.3 115.7

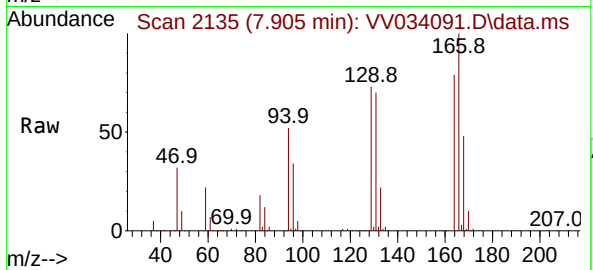
85 69.5 38.5 71.5





#47
 Tetrachloroethene
 Concen: 89.652 ug/L
 RT: 7.905 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034091.D
 Acq: 09 Feb 2024 04:33

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC3



Tgt Ion:164 Resp: 465985

Ion	Ratio	Lower	Upper
164	100		
129	92.6	67.8	125.8
131	89.2	63.0	117.0
166	126.9	92.6	172.0

