

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012424\
 Data File : VV033849.D
 Acq On : 24 Jan 2024 13:33
 Operator : SY/MD
 Sample : P1191-15DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 25 00:58:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 25 00:55:39 2024
 Response via : Initial Calibration

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

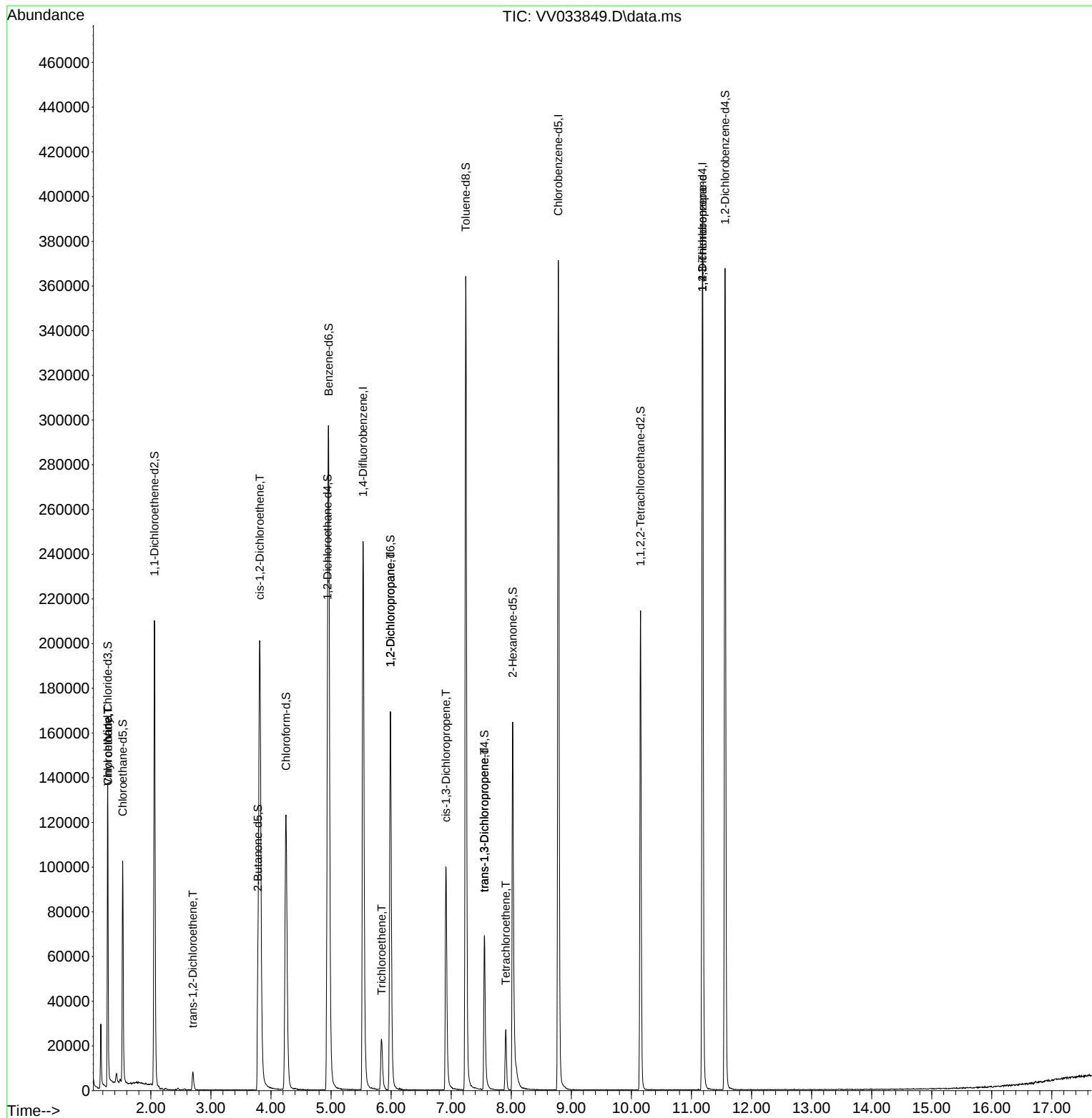
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	210985	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	197456	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	100534	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	81639	50.347	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.700%
7) Chloroethane-d5	1.532	69	64169	49.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.940%
11) 1,1-Dichloroethene-d2	2.060	65	35643	51.075	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.160%
21) 2-Butanone-d5	3.783	46	77872	70.015	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.020%
24) Chloroform-d	4.249	84	130971	45.171	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.340%
26) 1,2-Dichloroethane-d4	4.940	65	89042	47.529	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.060%
32) Benzene-d6	4.960	84	260379	46.384	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.760%
36) 1,2-Dichloropropane-d6	5.989	67	80108	43.354	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.700%
41) Toluene-d8	7.243	98	239821	47.416	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.840%
43) trans-1,3-Dichloroprop...	7.551	79	40382	44.219	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.440%
47) 2-Hexanone-d5	8.024	63	56832	74.149	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.150%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	99474	42.169	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.340%
66) 1,2-Dichlorobenzene-d4	11.561	152	93110	48.815	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.620%
Target Compounds						
5) Vinyl chloride	1.285	62	6411	3.358	ug/L #	77
8) Chloroethane	1.285	64	3429	3.012	ug/L #	63
17) trans-1,2-Dichloroethene	2.699	96	2952	2.087	ug/L	88
20) cis-1,2-Dichloroethene	3.815	96	105562	67.057	ug/L	93
34) Trichloroethene	5.841	95	8462	5.439	ug/L	95
37) 1,2-Dichloropropane	5.989	63	9950	6.235	ug/L #	88
39) cis-1,3-Dichloropropene	6.911	75	2975	1.116	ug/L #	57
44) trans-1,3-Dichloropropene	7.551	75	1931	0.786	ug/L	90
46) Tetrachloroethene	7.908	164	5990	5.249	ug/L	95
61) 1,2,3-Trichloropropane	11.185	75	12309	6.899	ug/L #	66

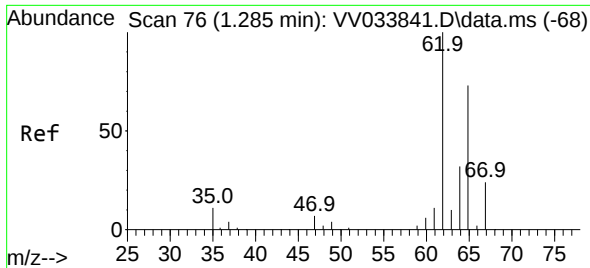
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012424\
Data File : VV033849.D
Acq On : 24 Jan 2024 13:33
Operator : SY/MD
Sample : P1191-15DL 200X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jan 25 00:58:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 25 00:55:39 2024
Response via : Initial Calibration

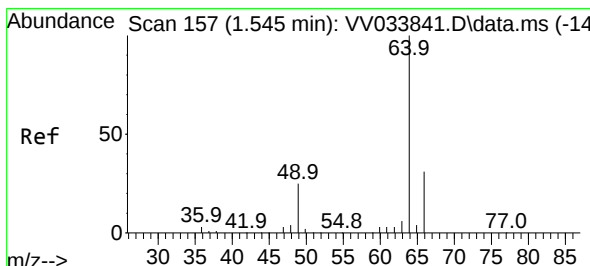
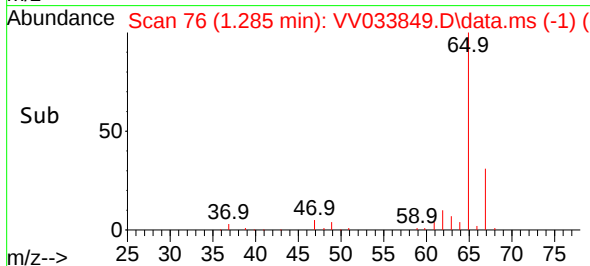
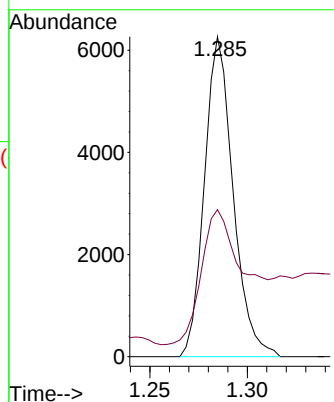
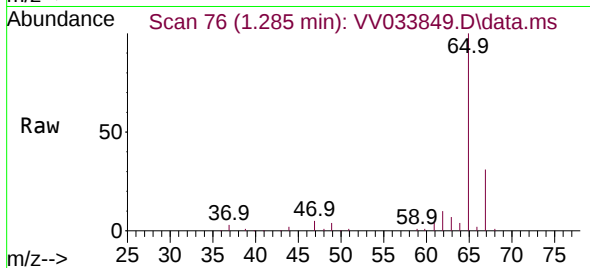




#5
 Vinyl chloride
 Concen: 3.358 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033849.D
 Acq: 24 Jan 2024 13:33

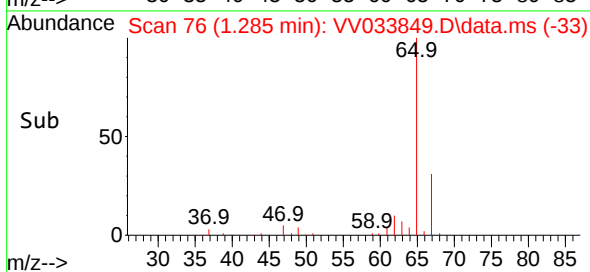
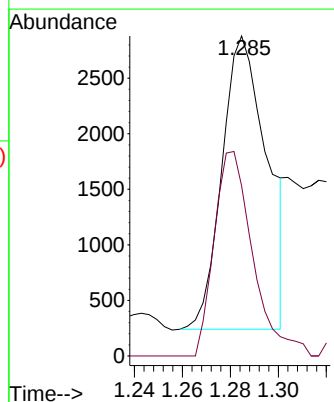
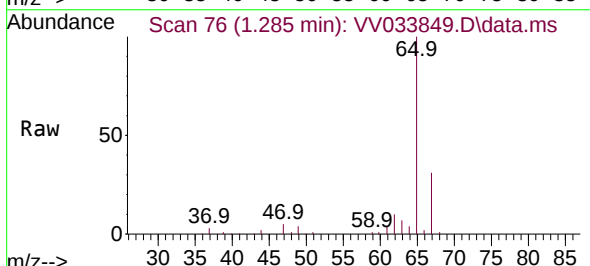
Instrument :
 MSVOA_V
 ClientSampleId :

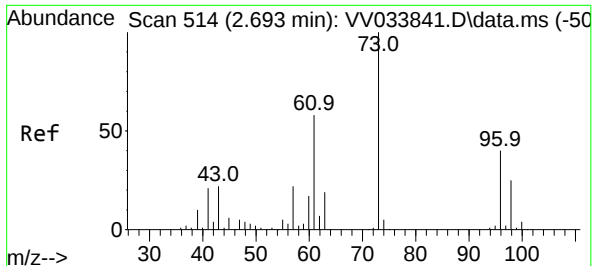
Tgt Ion: 62 Resp: 6411
 Ion Ratio Lower Upper
 62 100
 64 46.0 23.2 43.0#



#8
 Chloroethane
 Concen: 3.012 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.261 min
 Lab File: VV033849.D
 Acq: 24 Jan 2024 13:33

Tgt Ion: 64 Resp: 3429
 Ion Ratio Lower Upper
 64 100
 66 53.1 22.5 41.9#





#17

trans-1,2-Dichloroethene

Concen: 2.087 ug/L

RT: 2.699 min Scan# 514

Delta R.T. 0.006 min

Lab File: VV033849.D

Acq: 24 Jan 2024 13:33

Instrument :

MSVOA_V

ClientSampleId :

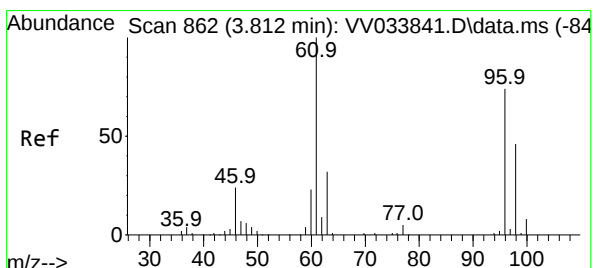
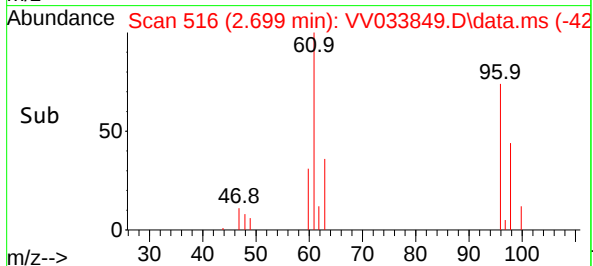
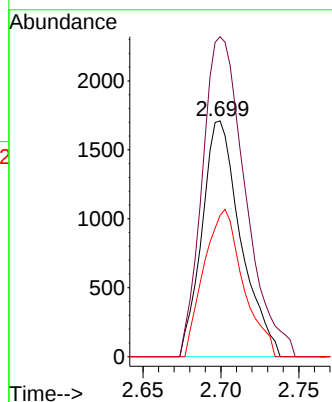
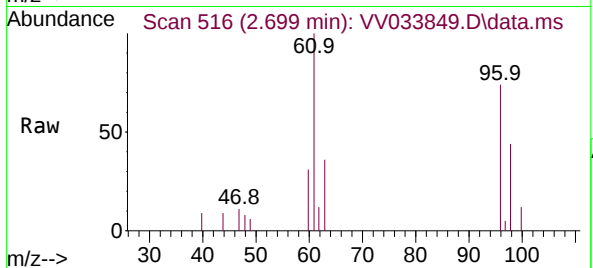
Tgt Ion: 96 Resp: 2952

Ion Ratio Lower Upper

96 100

61 135.7 108.4 201.4

98 59.8 43.8 81.4



#20

cis-1,2-Dichloroethene

Concen: 67.057 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV033849.D

Acq: 24 Jan 2024 13:33

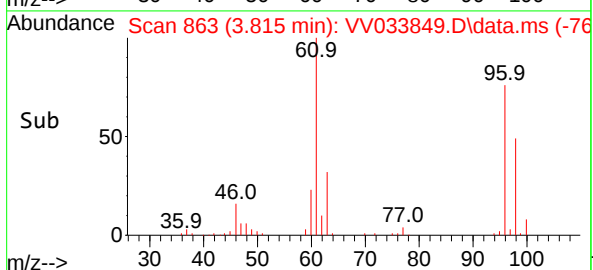
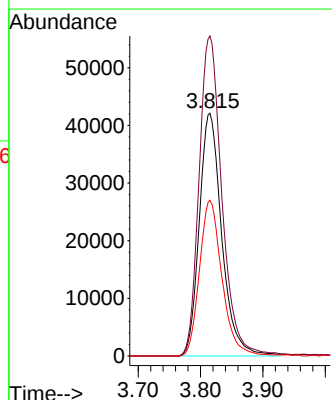
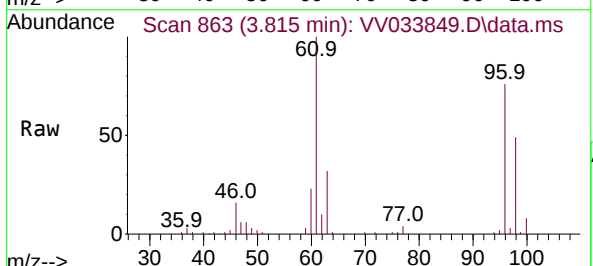
Tgt Ion: 96 Resp: 105562

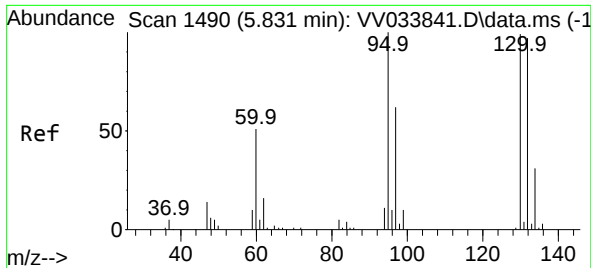
Ion Ratio Lower Upper

96 100

61 131.8 100.6 186.8

98 64.2 44.6 82.8



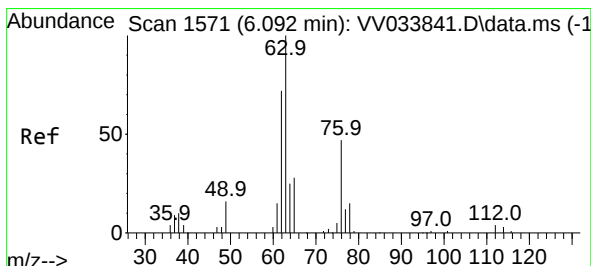
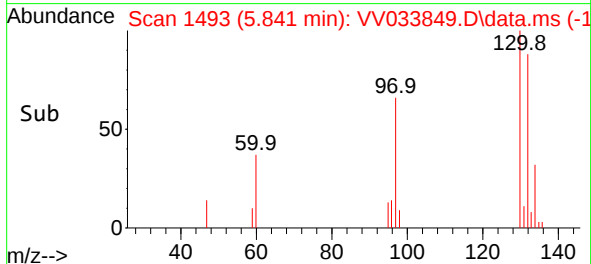
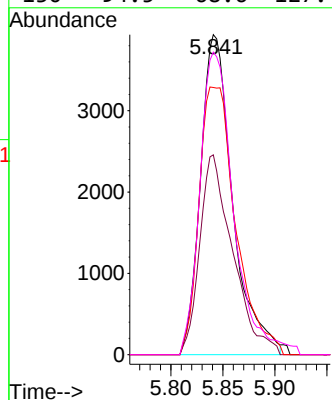
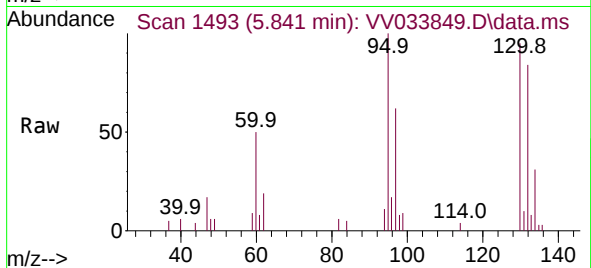


#34
 Trichloroethene
 Concen: 5.439 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. 0.010 min
 Lab File: VV033849.D
 Acq: 24 Jan 2024 13:33

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 95 Resp: 8462

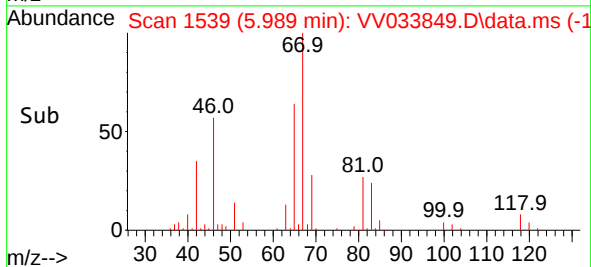
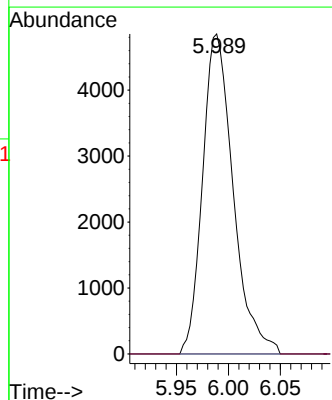
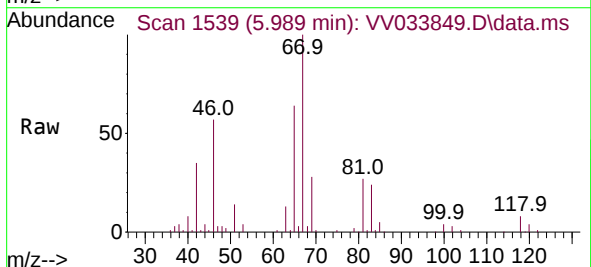
Ion	Ratio	Lower	Upper
95	100		
97	62.4	44.4	82.4
132	83.5	65.5	121.7
130	94.5	68.6	127.4

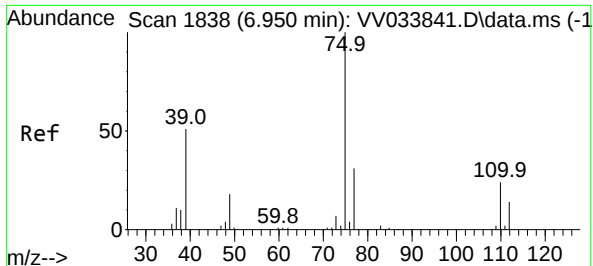


#37
 1,2-Dichloropropane
 Concen: 6.235 ug/L
 RT: 5.989 min Scan# 1539
 Delta R.T. -0.103 min
 Lab File: VV033849.D
 Acq: 24 Jan 2024 13:33

Tgt Ion: 63 Resp: 9950

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#





#39

cis-1,3-Dichloropropene

Concen: 1.116 ug/L

RT: 6.911 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV033849.D

Acq: 24 Jan 2024 13:33

Instrument :

MSVOA_V

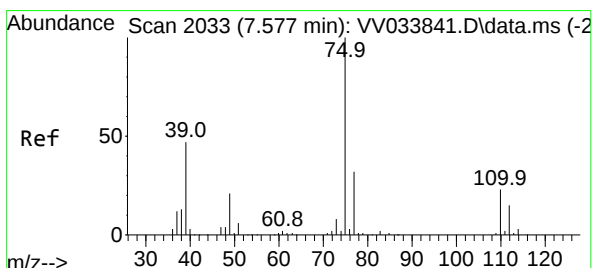
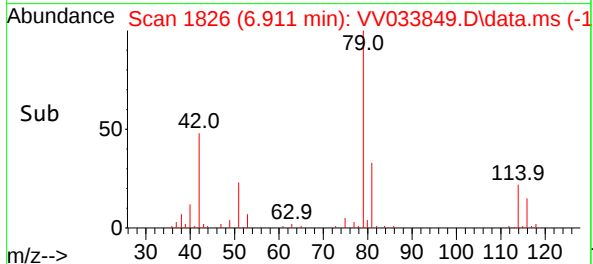
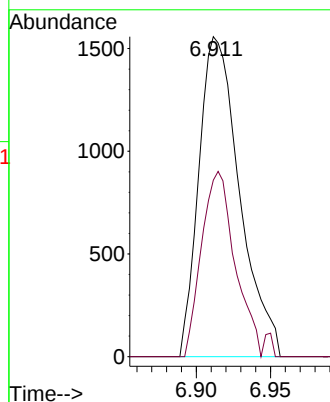
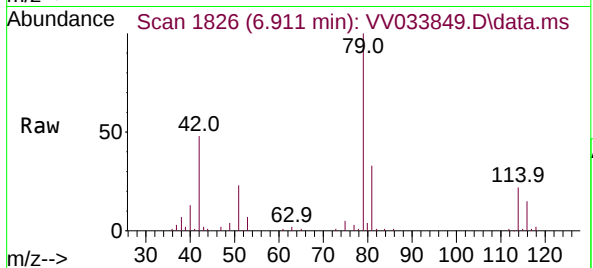
ClientSampleId :

Tgt Ion: 75 Resp: 2975

Ion Ratio Lower Upper

75 100

77 55.1 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.786 ug/L

RT: 7.551 min Scan# 2025

Delta R.T. -0.026 min

Lab File: VV033849.D

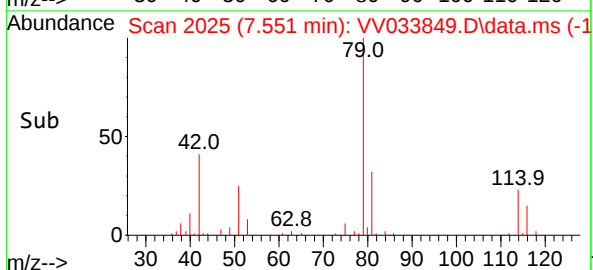
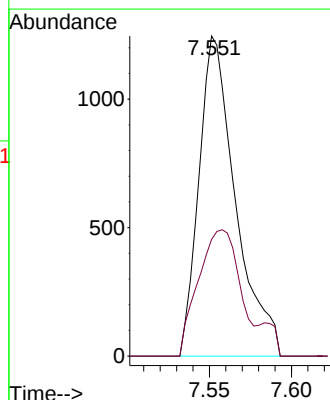
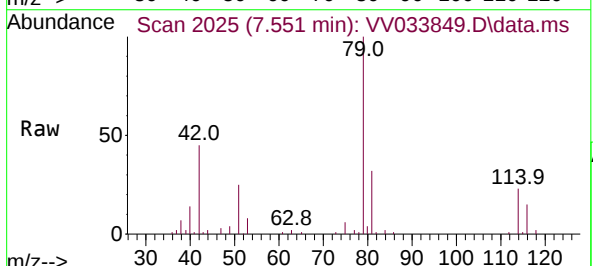
Acq: 24 Jan 2024 13:33

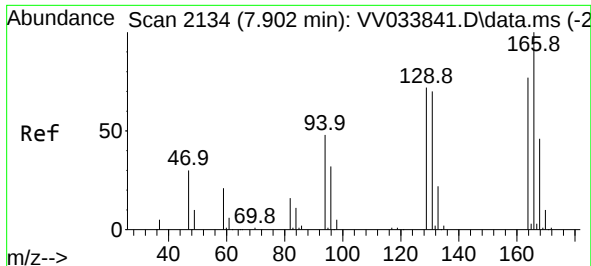
Tgt Ion: 75 Resp: 1931

Ion Ratio Lower Upper

75 100

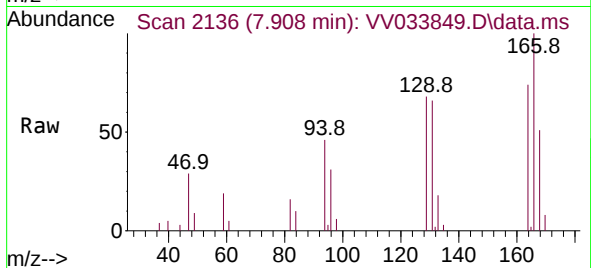
77 36.4 21.6 40.0



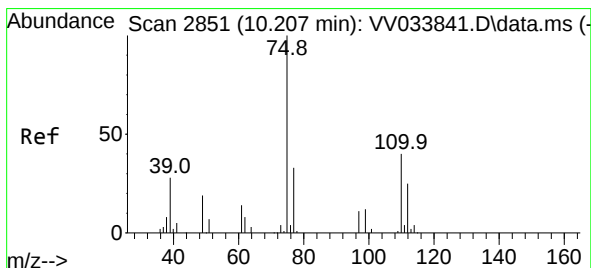
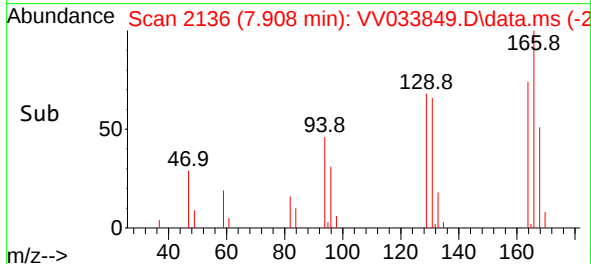
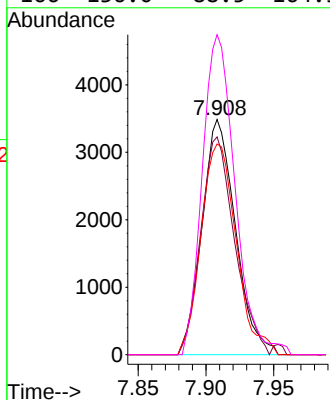


#46
Tetrachloroethene
Concen: 5.249 ug/L
RT: 7.908 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV033849.D
Acq: 24 Jan 2024 13:33

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 5990
Ion Ratio Lower Upper
164 100
129 92.6 66.1 122.7
131 89.6 65.9 122.5
166 136.0 88.5 164.3



#61
1,2,3-Trichloropropane
Concen: 6.899 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.977 min
Lab File: VV033849.D
Acq: 24 Jan 2024 13:33

Tgt Ion: 75 Resp: 12309
Ion Ratio Lower Upper
75 100
77 34.7 25.3 37.9
110 2.5 29.5 44.3#

