

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120723\
 Data File : VW033167.D
 Acq On : 07 Dec 2023 23:33
 Operator : SY/MD
 Sample : 05689-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 08 04:18:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 04:15:58 2023
 Response via : Initial Calibration

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

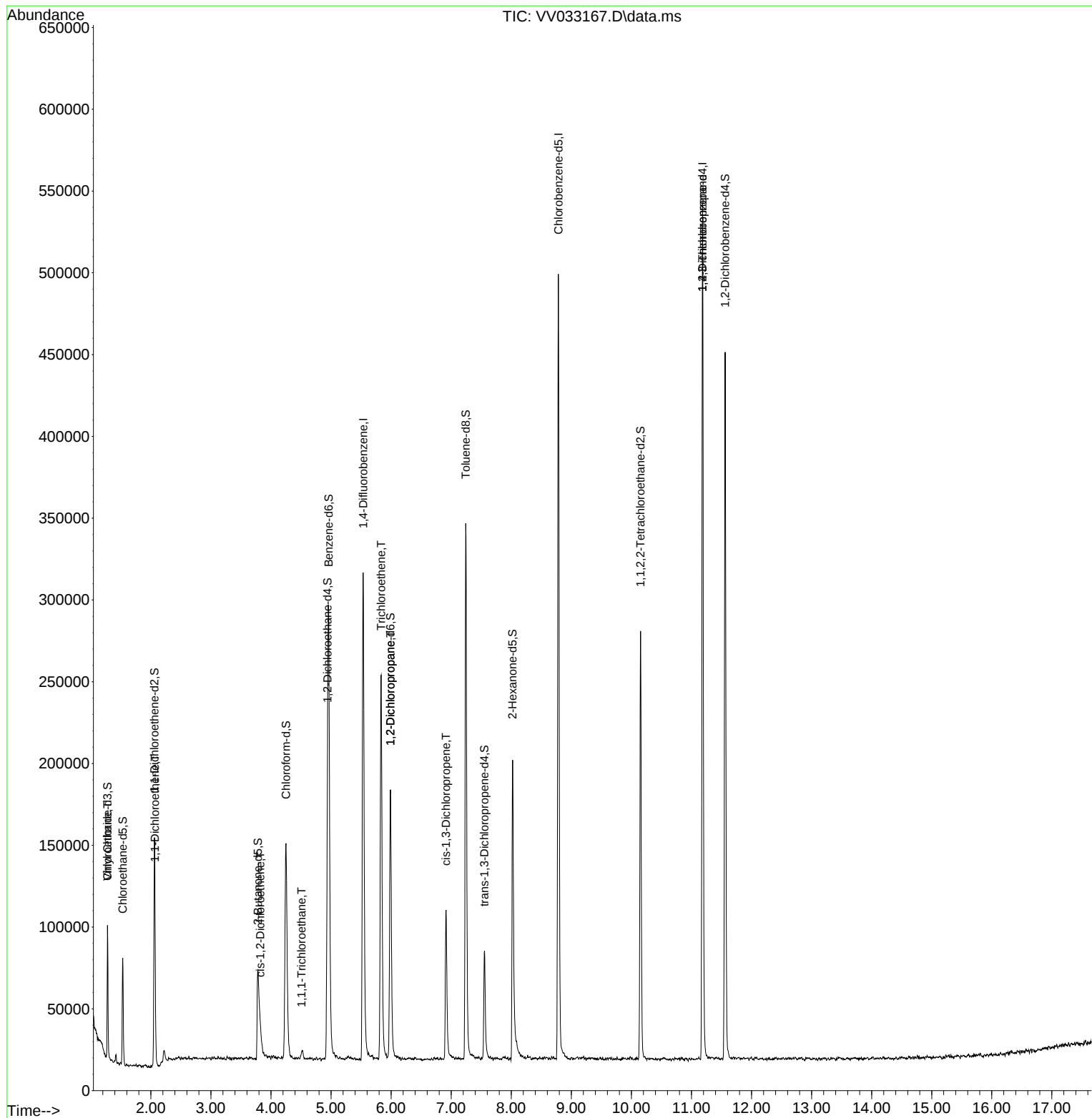
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	277537	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	284513	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	145713	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	47848	28.839	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.680%#
7) Chloroethane-d5	1.532	69	40674	35.185	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.360%
11) 1,1-Dichloroethene-d2	2.060	65	20669	32.747	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.500%
21) 2-Butanone-d5	3.780	46	78741	95.554	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.550%
24) Chloroform-d	4.249	84	142506	40.474	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.940%
26) 1,2-Dichloroethane-d4	4.941	65	96062	43.882	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.760%
32) Benzene-d6	4.960	84	250150	37.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.180%
36) 1,2-Dichloropropane-d6	5.989	67	72500	40.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.040%
41) Toluene-d8	7.243	98	228013	35.921	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.840%#
43) trans-1,3-Dichloroprop...	7.555	79	40917	36.167	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.340%
47) 2-Hexanone-d5	8.021	63	64006	89.051	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.050%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	112028	44.048	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.100%
66) 1,2-Dichlorobenzene-d4	11.561	152	116886	45.085	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.160%
Target Compounds						
					Qvalue	
8) Chloroethane	1.278	64	685	0.671	ug/L #	1
12) 1,1-Dichloroethene	2.069	96	5050	3.629	ug/L #	1
20) cis-1,2-Dichloroethene	3.822	96	6065	3.129	ug/L	95
30) 1,1,1-Trichloroethane	4.510	97	2225	0.633	ug/L #	66
34) Trichloroethene	5.834	95	78768	36.569	ug/L	97
37) 1,2-Dichloropropane	5.989	63	10207	6.117	ug/L #	83
39) cis-1,3-Dichloropropene	6.915	75	2793	0.922	ug/L #	75
61) 1,2,3-Trichloropropane	11.185	75	13495	7.427	ug/L #	58

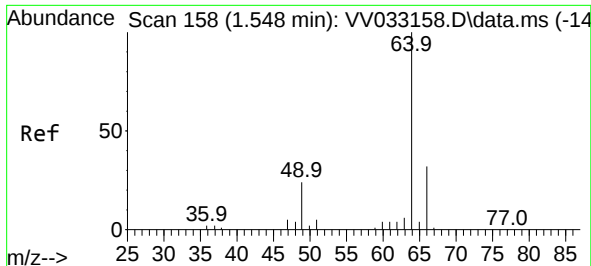
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 08 04:15:58 2023
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.671 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.270 min

Lab File: VV033167.D

Acq: 07 Dec 2023 23:33

Instrument :

MSVOA_V

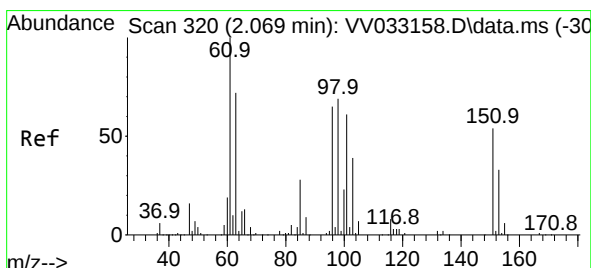
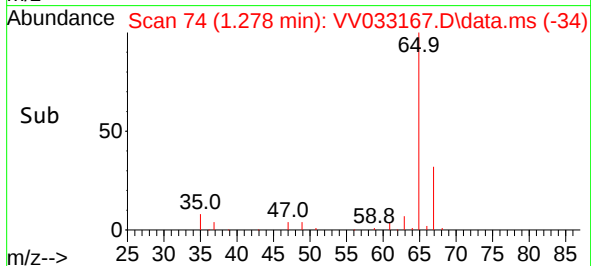
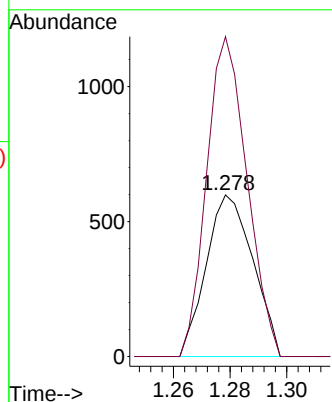
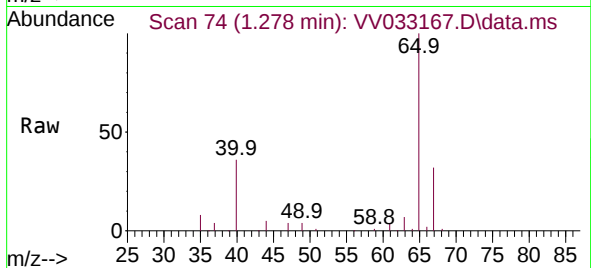
ClientSampleId :

Tgt Ion: 64 Resp: 685

Ion Ratio Lower Upper

64 100

66 197.8 22.3 41.5#



#12

1,1-Dichloroethene

Concen: 3.629 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV033167.D

Acq: 07 Dec 2023 23:33

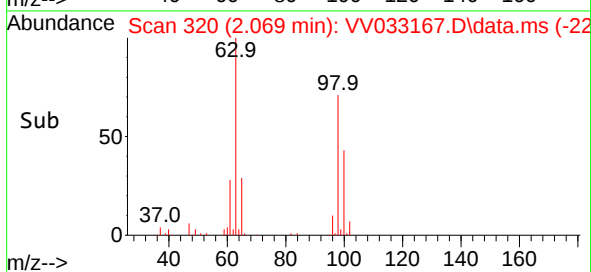
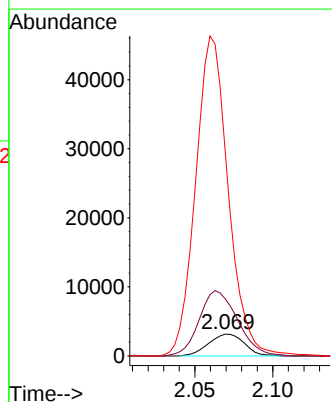
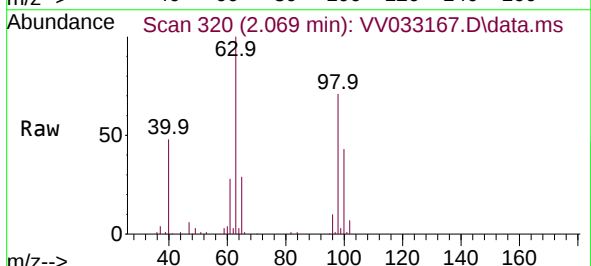
Tgt Ion: 96 Resp: 5050

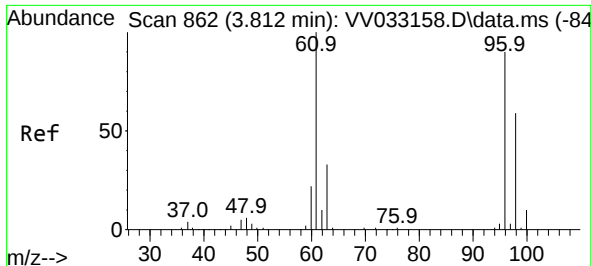
Ion Ratio Lower Upper

96 100

61 264.7 109.1 202.7#

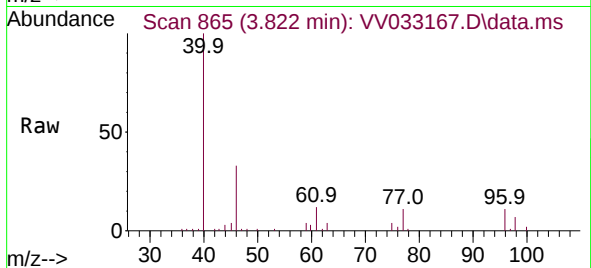
63 953.7 85.3 158.3#



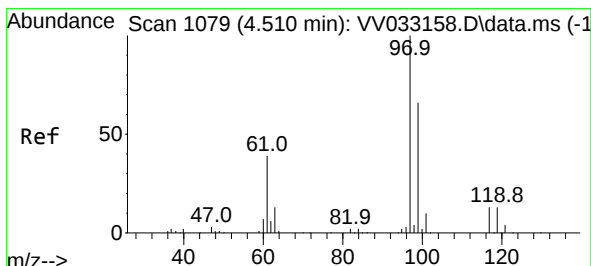
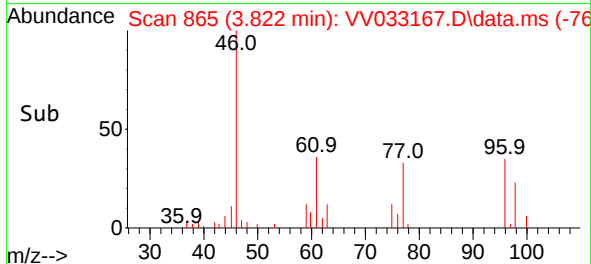
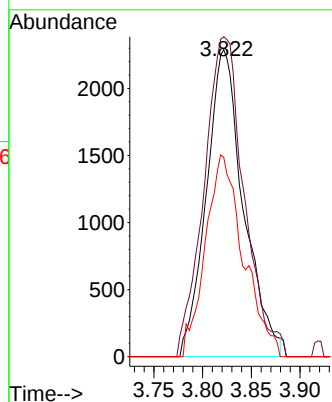


#20
cis-1,2-Dichloroethene
Concen: 3.129 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.010 min
Lab File: VV033167.D
Acq: 07 Dec 2023 23:33

Instrument :
MSVOA_V
ClientSampleId :

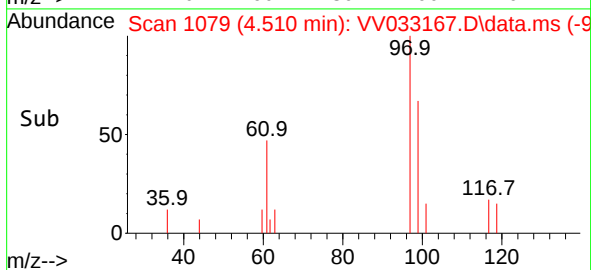
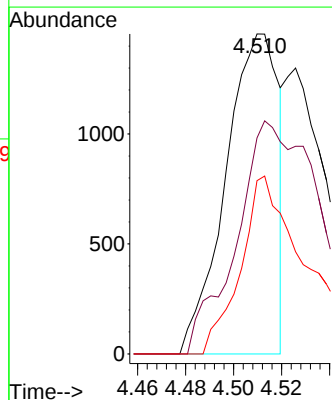
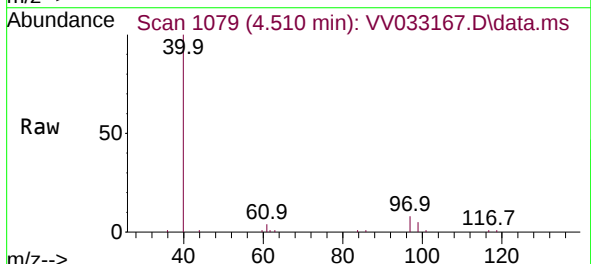


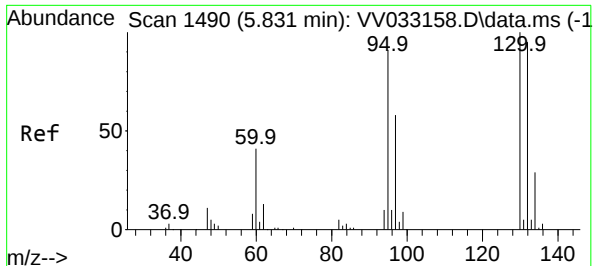
Tgt Ion: 96 Resp: 6065
Ion Ratio Lower Upper
96 100
61 104.2 79.1 146.9
98 65.0 45.1 83.7



#30
1,1,1-Trichloroethane
Concen: 0.633 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VV033167.D
Acq: 07 Dec 2023 23:33

Tgt Ion: 97 Resp: 2225
Ion Ratio Lower Upper
97 100
99 41.5 51.3 76.9#
61 65.3 31.8 47.8#

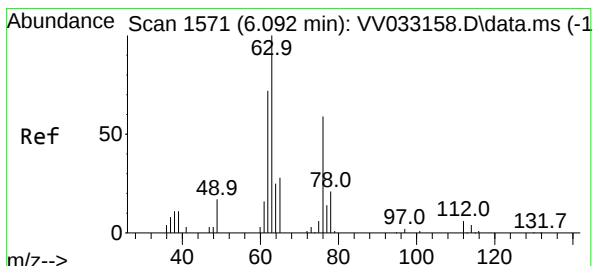
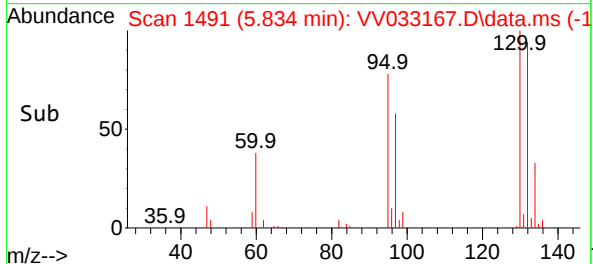
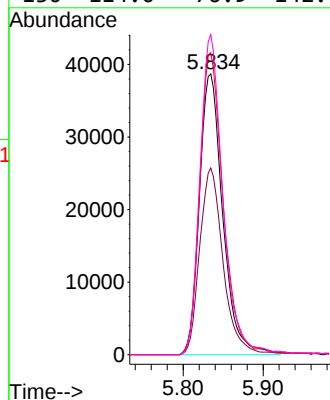
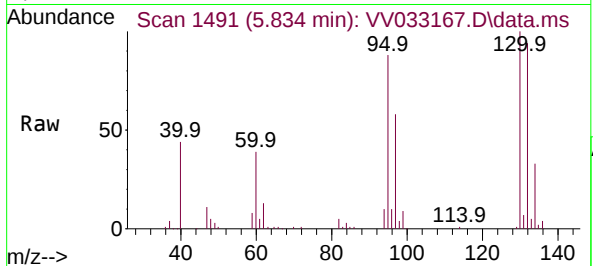




#34
Trichloroethene
Concen: 36.569 ug/L
RT: 5.834 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV033167.D
Acq: 07 Dec 2023 23:33

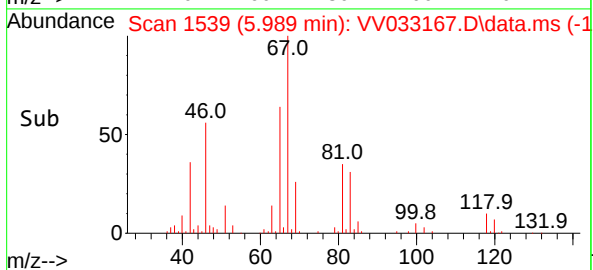
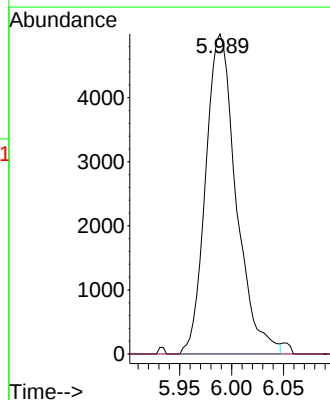
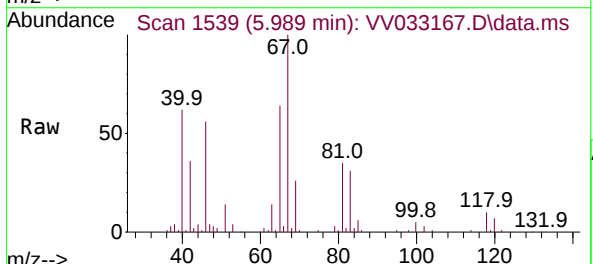
Instrument :
MSVOA_V
ClientSampleId :

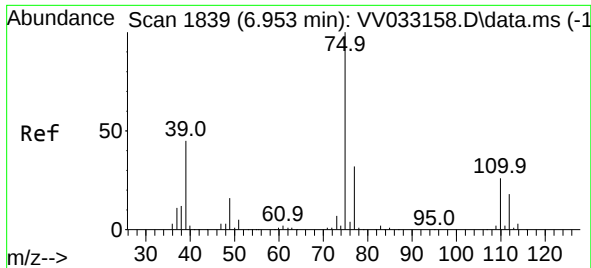
Tgt Ion: 95 Resp: 78768
Ion Ratio Lower Upper
95 100
97 66.5 45.8 85.0
132 107.5 77.4 143.8
130 114.0 76.9 142.7



#37
1,2-Dichloropropane
Concen: 6.117 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.103 min
Lab File: VV033167.D
Acq: 07 Dec 2023 23:33

Tgt Ion: 63 Resp: 10207
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.922 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV033167.D

Acq: 07 Dec 2023 23:33

Instrument :

MSVOA_V

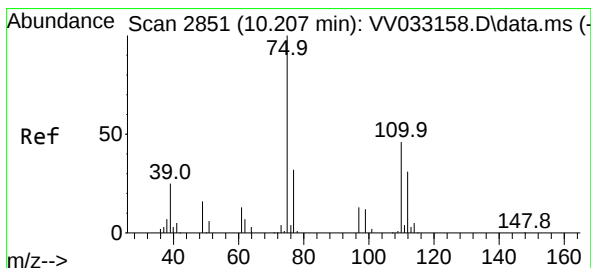
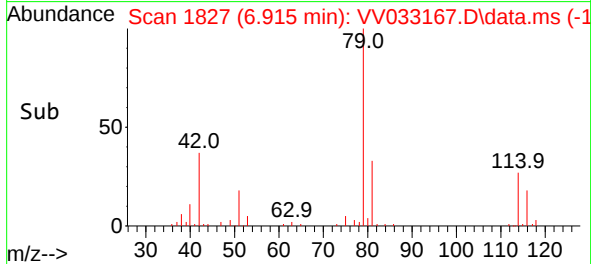
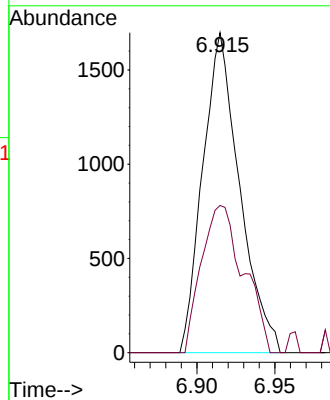
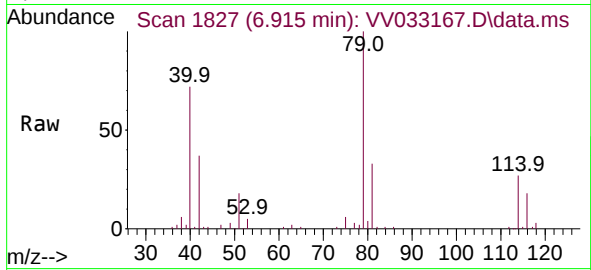
ClientSampleId :

Tgt Ion: 75 Resp: 2793

Ion Ratio Lower Upper

75 100

77 46.0 22.4 41.6#



#61

1,2,3-Trichloropropane

Concen: 7.427 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.977 min

Lab File: VV033167.D

Acq: 07 Dec 2023 23:33

Tgt Ion: 75 Resp: 13495

Ion Ratio Lower Upper

75 100

77 39.1 27.0 40.6

110 3.8 38.1 57.1#

