

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012324\
 Data File : VW033820.D
 Acq On : 23 Jan 2024 11:14
 Operator : SY/MD
 Sample : P1190-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 24 02:02:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 24 02:00:55 2024
 Response via : Initial Calibration

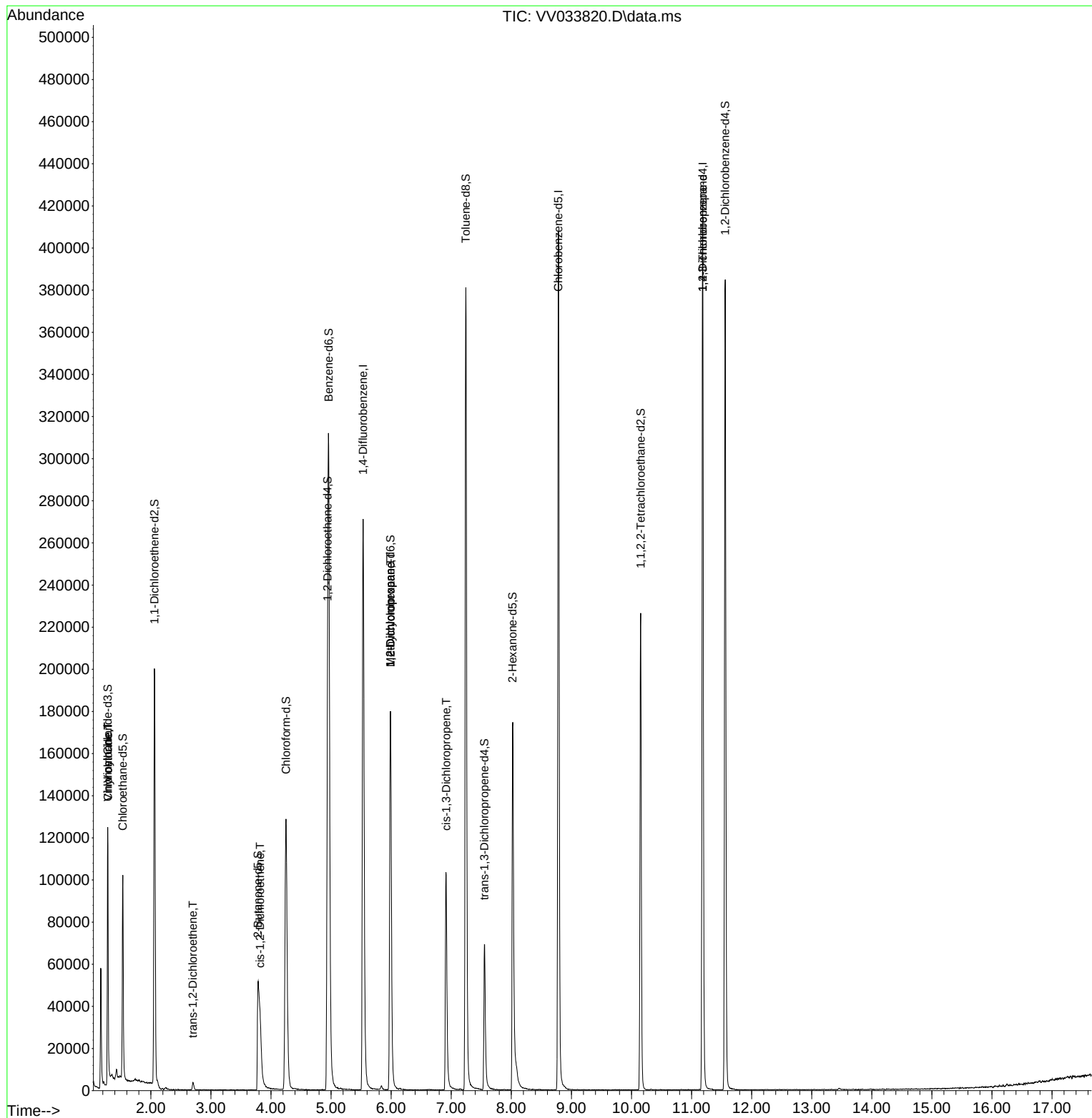
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	230460	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	216149	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	104536	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	70420	39.758	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	79.520%	
7) Chloroethane-d5	1.532	69	61768	44.037	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	88.080%	
11) 1,1-Dichloroethene-d2	2.060	65	34093	44.726	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	89.460%	
21) 2-Butanone-d5	3.783	46	82841	68.189	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	68.190%	
24) Chloroform-d	4.249	84	137769	43.500	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.000%	
26) 1,2-Dichloroethane-d4	4.941	65	94989	46.419	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.840%	
32) Benzene-d6	4.960	84	272259	44.306	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.620%	
36) 1,2-Dichloropropane-d6	5.989	67	85160	42.102	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	84.200%	
41) Toluene-d8	7.243	98	248564	44.894	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.780%	
43) trans-1,3-Dichloroprop...	7.551	79	40562	40.575	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	81.160%	
47) 2-Hexanone-d5	8.021	63	61967	73.856	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	73.860%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	105551	40.875	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	81.760%	
66) 1,2-Dichlorobenzene-d4	11.561	152	95362	48.081	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	96.160%	
Target Compounds						
5) Vinyl chloride	1.285	62	9258	4.439	ug/L #	73
8) Chloroethane	1.285	64	5015	4.032	ug/L	98
17) trans-1,2-Dichloroethene	2.700	96	1426	0.923	ug/L	94
20) cis-1,2-Dichloroethene	3.818	96	12971	7.543	ug/L	96
35) Methylcyclohexane	5.989	83	20406	7.002	ug/L #	16
37) 1,2-Dichloropropane	5.989	63	10403	5.955	ug/L #	88
39) cis-1,3-Dichloropropene	6.915	75	2770	0.949	ug/L #	65
61) 1,2,3-Trichloropropane	11.185	75	12640	6.813	ug/L #	67

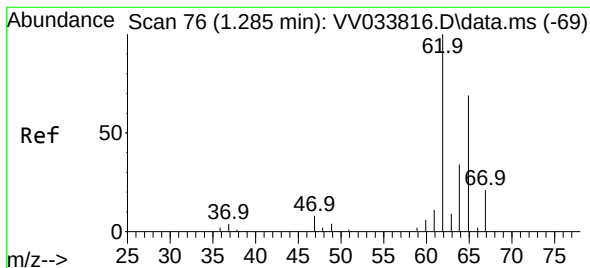
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jan 24 02:00:55 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.439 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV033820.D

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Instrument :

MSVOA_V

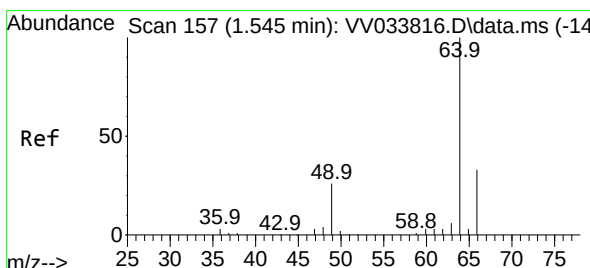
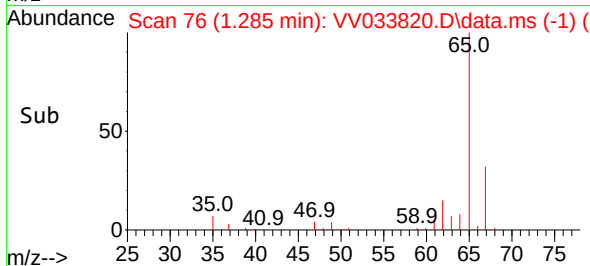
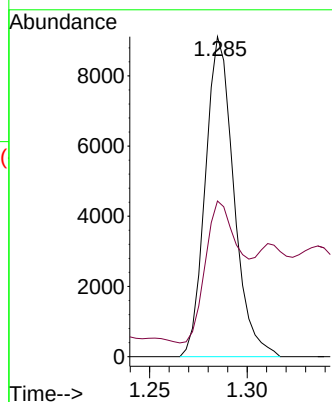
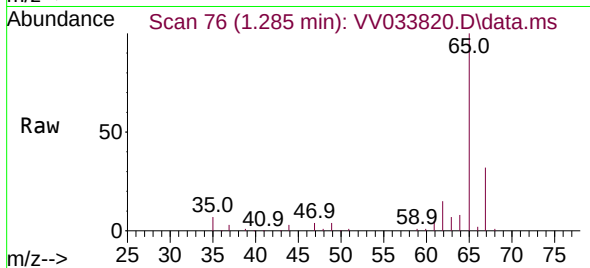
ClientSampleId :

Tgt Ion: 62 Resp: 9258

Ion Ratio Lower Upper

62 100

64 48.6 23.2 43.0#



#8

Chloroethane

Concen: 4.032 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.260 min

Lab File: VV033820.D

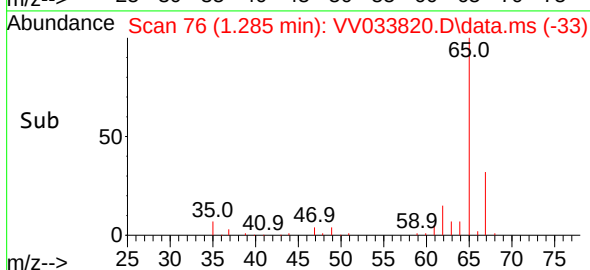
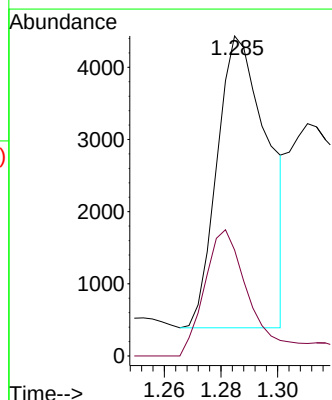
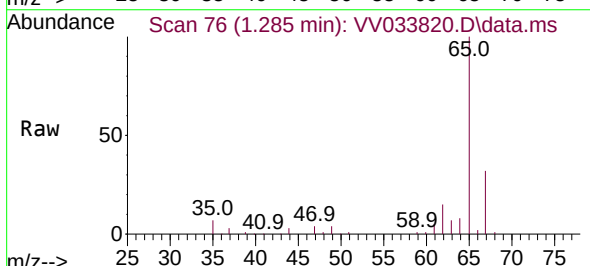
Acq: 23 Jan 2024 11:14

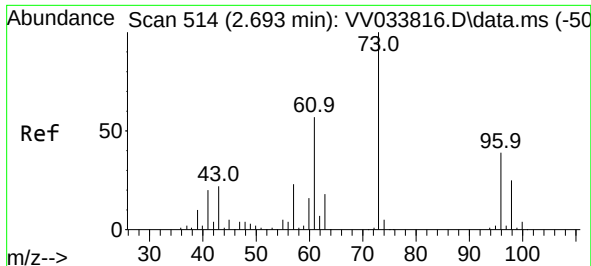
Tgt Ion: 64 Resp: 5015

Ion Ratio Lower Upper

64 100

66 33.1 22.5 41.9





#17

trans-1,2-Dichloroethene

Concen: 0.923 ug/L

RT: 2.700 min Scan# 514

Delta R.T. 0.006 min

Lab File: VV033820.D

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Instrument :

MSVOA_V

ClientSampleId :

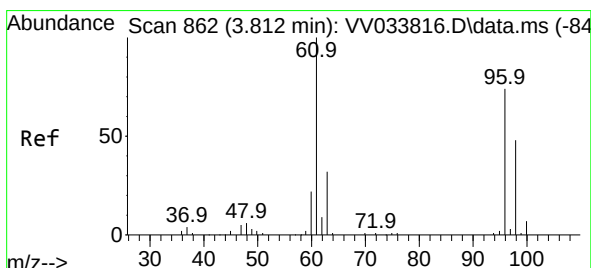
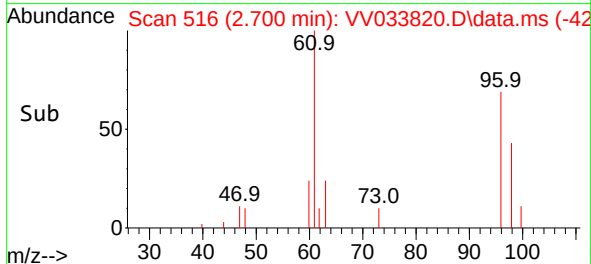
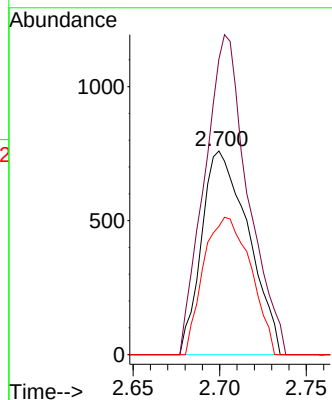
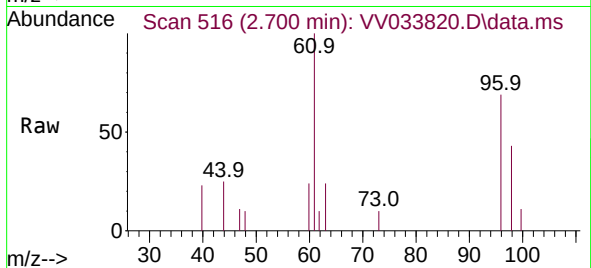
Tgt Ion: 96 Resp: 1426

Ion Ratio Lower Upper

96 100

61 145.1 108.4 201.4

98 63.0 43.8 81.4



#20

cis-1,2-Dichloroethene

Concen: 7.543 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.006 min

Lab File: VV033820.D

Acq: 23 Jan 2024 11:14

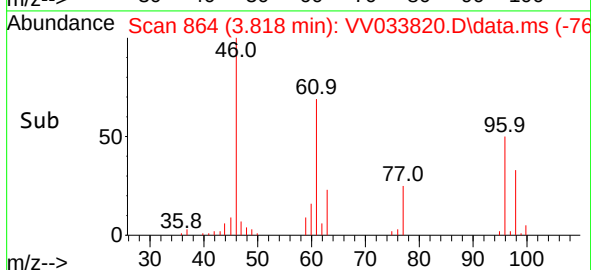
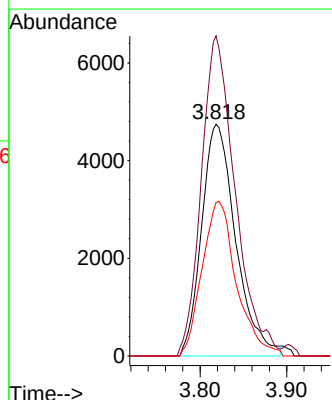
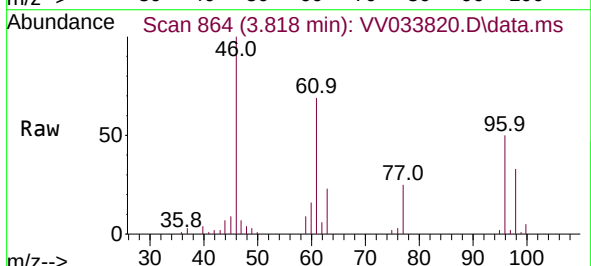
Tgt Ion: 96 Resp: 12971

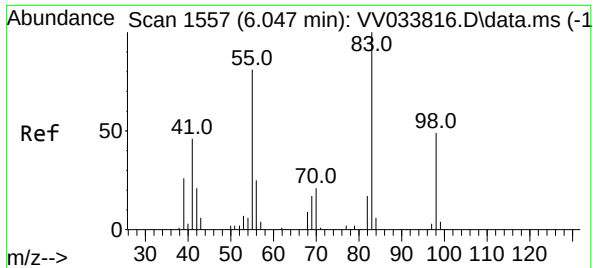
Ion Ratio Lower Upper

96 100

61 138.1 100.6 186.8

98 66.2 44.6 82.8

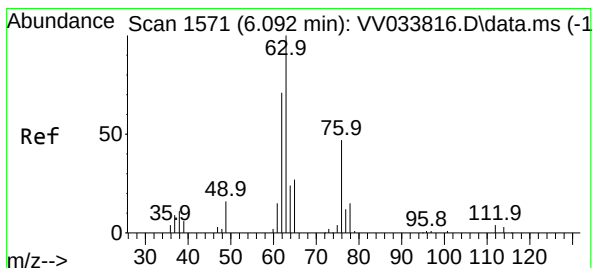
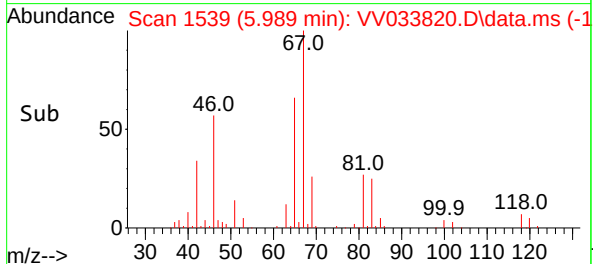
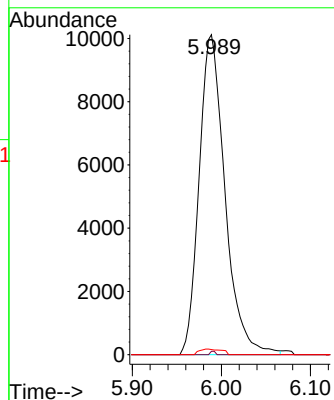
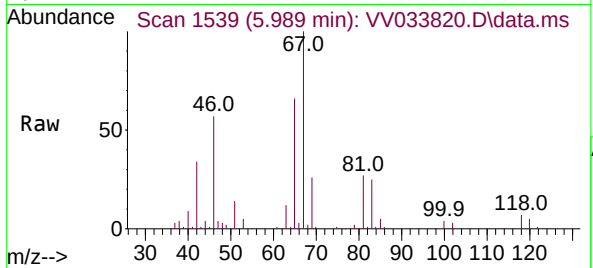




#35
Methylcyclohexane
Concen: 7.002 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV033820.D
Acq: 23 Jan 2024 11:14

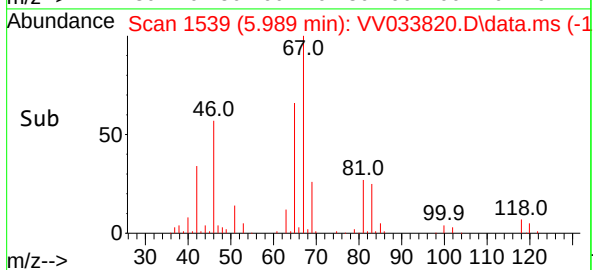
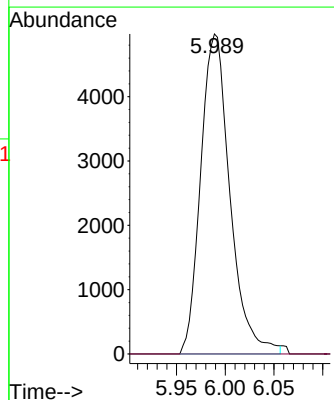
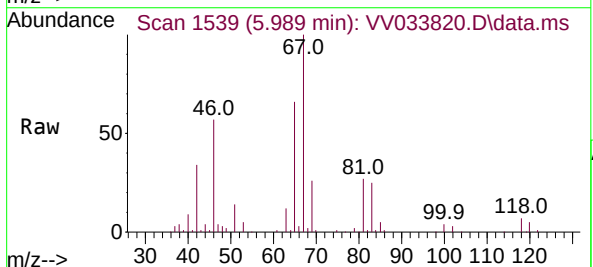
Instrument :
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ClientSampleId :

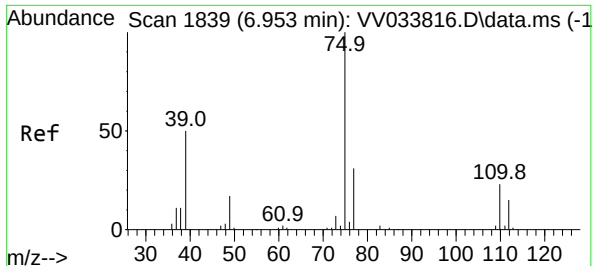
Tgt Ion: 83 Resp: 20406
Ion Ratio Lower Upper
83 100
55 0.2 67.1 100.7#
98 1.0 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 5.955 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.103 min
Lab File: VV033820.D
Acq: 23 Jan 2024 11:14

Tgt Ion: 63 Resp: 10403
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.949 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV033820.D

Acq: 23 Jan 2024 11:14

Instrument :

MSVOA_V

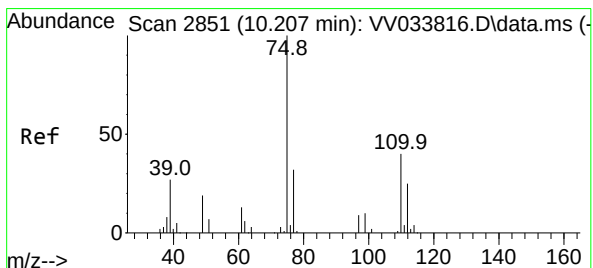
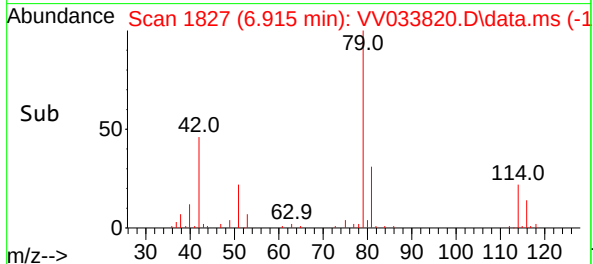
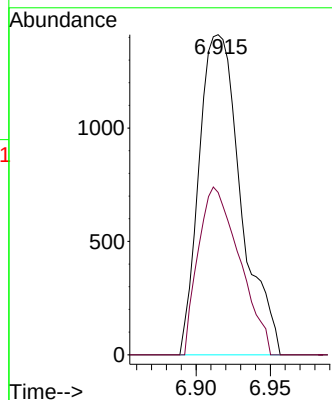
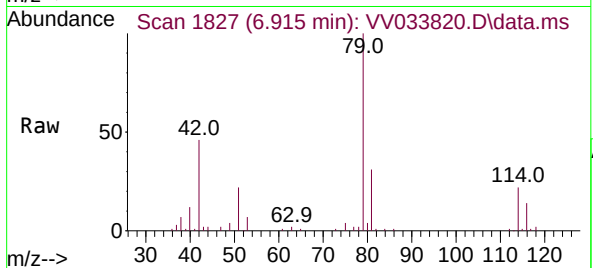
ClientSampleId :

Tgt Ion: 75 Resp: 2770

Ion Ratio Lower Upper

75 100

77 50.7 22.0 41.0#



#61

1,2,3-Trichloropropane

Concen: 6.813 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.978 min

Lab File: VV033820.D

Acq: 23 Jan 2024 11:14

Tgt Ion: 75 Resp: 12640

Ion Ratio Lower Upper

75 100

77 34.7 25.3 37.9

110 2.9 29.5 44.3#

