

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012224\
 Data File : VV033795.D
 Acq On : 22 Jan 2024 12:13
 Operator : SY/MD
 Sample : P1189-03DL 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 22 23:43:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 22 23:41:48 2024
 Response via : Initial Calibration

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

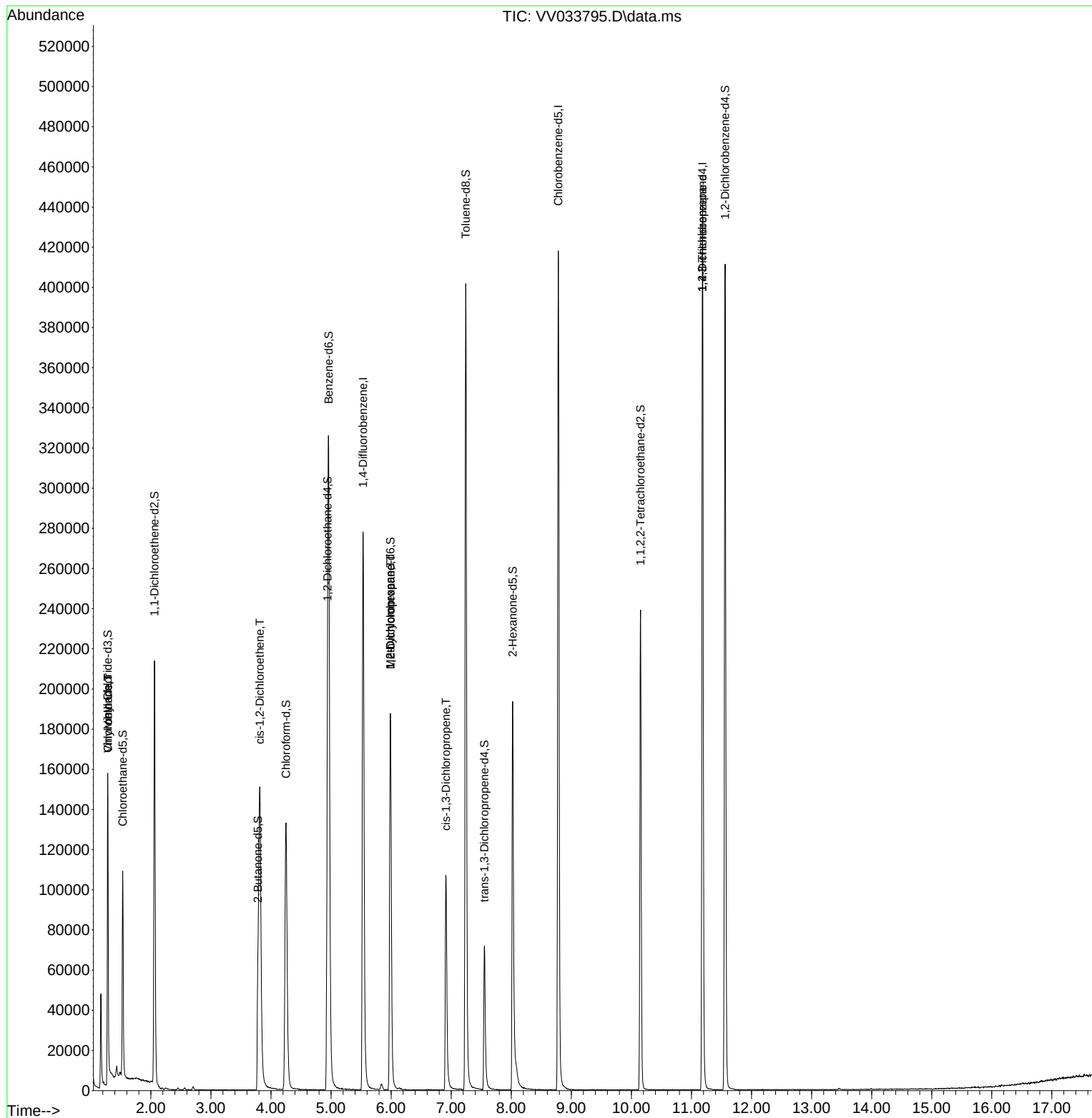
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	236786	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	220962	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	111273	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	77323	42.490	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.980%
7) Chloroethane-d5	1.532	69	65370	45.359	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.720%
11) 1,1-Dichloroethene-d2	2.059	65	36752	46.926	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.860%
21) 2-Butanone-d5	3.783	46	93608	74.993	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.990%
24) Chloroform-d	4.249	84	143379	44.062	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.120%
26) 1,2-Dichloroethane-d4	4.940	65	96693	45.989	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.980%
32) Benzene-d6	4.960	84	287973	45.842	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.680%
36) 1,2-Dichloropropane-d6	5.989	67	90161	43.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.200%
41) Toluene-d8	7.243	98	264860	46.795	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.554	79	43173	42.246	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.500%
47) 2-Hexanone-d5	8.024	63	67373	78.550	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.550%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	112656	42.676	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.360%
66) 1,2-Dichlorobenzene-d4	11.561	152	102548	48.574	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.140%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	25130	11.727	ug/L	89
8) Chloroethane	1.285	64	11473	8.979	ug/L	# 76
20) cis-1,2-Dichloroethene	3.815	96	75455	42.709	ug/L	97
35) Methylcyclohexane	5.989	83	21804	7.318	ug/L	# 16
37) 1,2-Dichloropropane	5.989	63	10816	6.056	ug/L	# 88
39) cis-1,3-Dichloropropene	6.911	75	3172	1.064	ug/L	83
61) 1,2,3-Trichloropropane	11.181	75	13085	6.626	ug/L	# 65

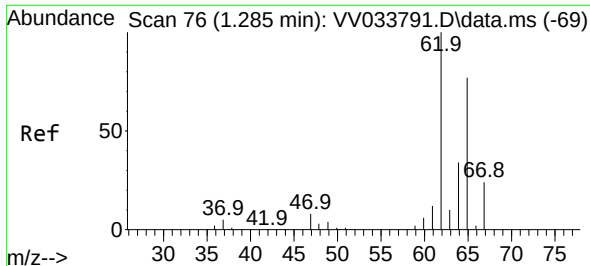
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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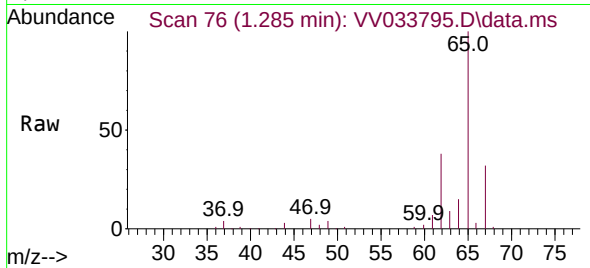


#5
 Vinyl chloride
 Concen: 11.727 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033795.D
 Acq: 22 Jan 2024 12:13

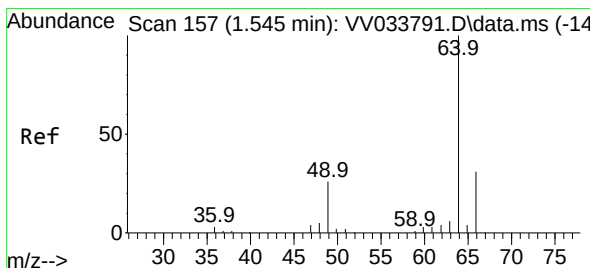
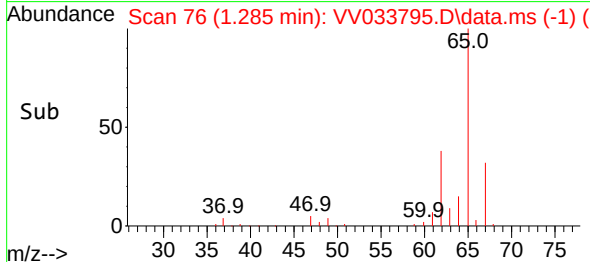
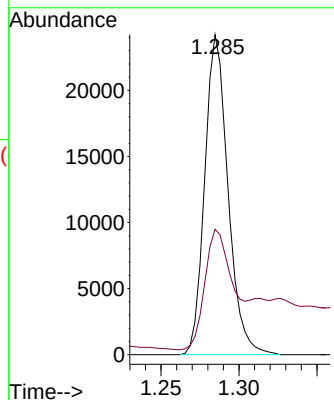
Instrument :

MSVOA_V

ClientSampleId :

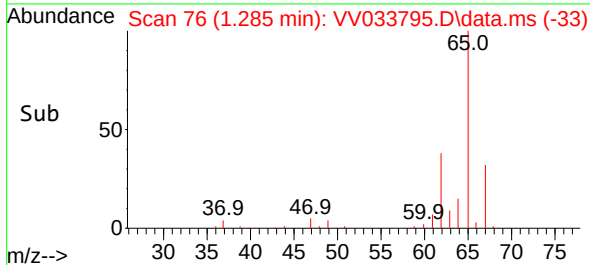
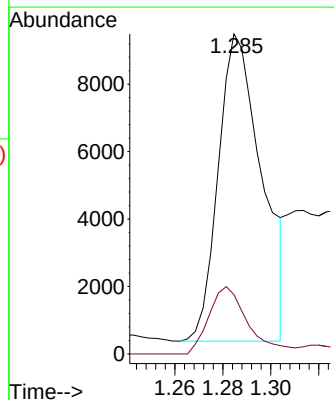
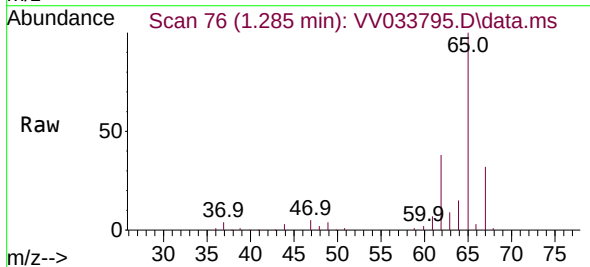


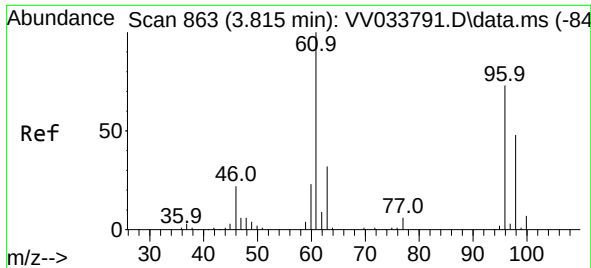
Tgt Ion: 62 Resp: 25130
 Ion Ratio Lower Upper
 62 100
 64 39.2 23.2 43.0



#8
 Chloroethane
 Concen: 8.979 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.261 min
 Lab File: VV033795.D
 Acq: 22 Jan 2024 12:13

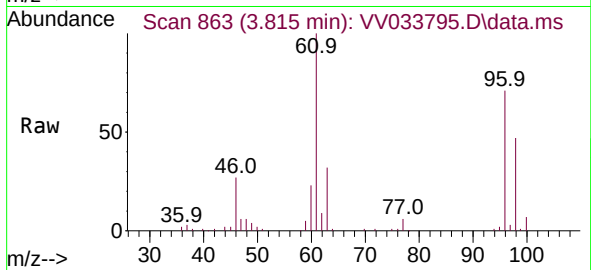
Tgt Ion: 64 Resp: 11473
 Ion Ratio Lower Upper
 64 100
 66 18.5 22.5 41.9#



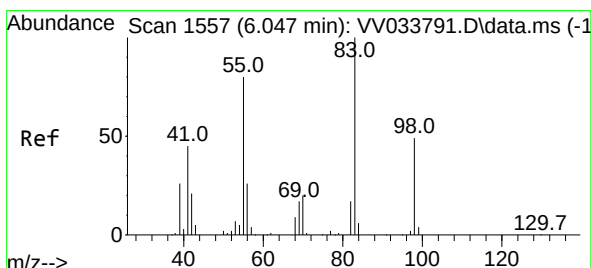
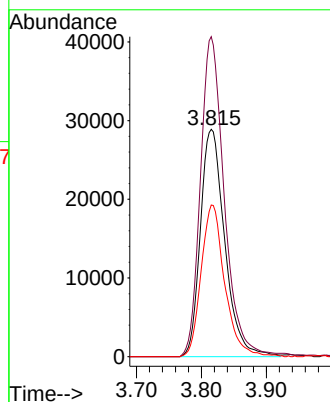
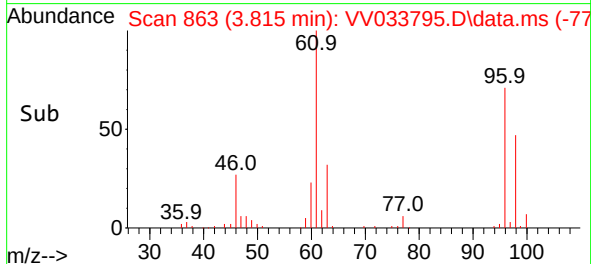


#20
 cis-1,2-Dichloroethene
 Concen: 42.709 ug/L
 RT: 3.815 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VV033795.D
 Acq: 22 Jan 2024 12:13

Instrument :
 MSVOA_V
 ClientSampleId :

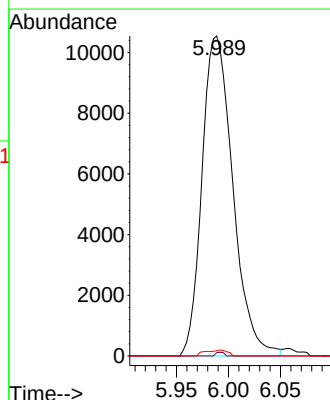
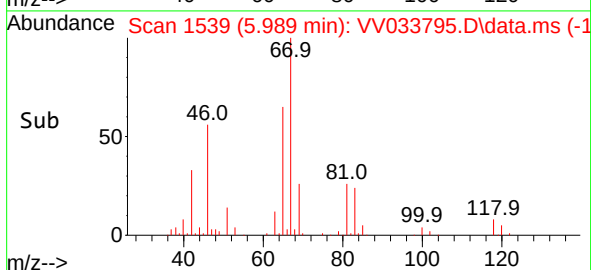
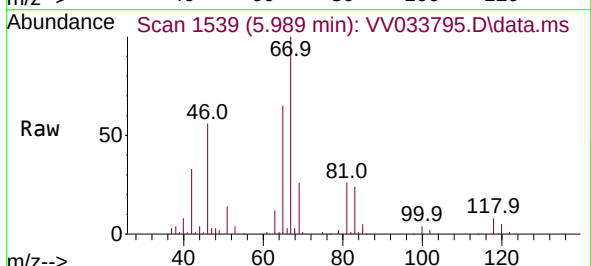


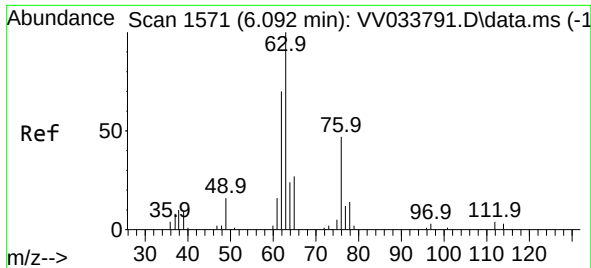
Tgt Ion: 96 Resp: 75455
 Ion Ratio Lower Upper
 96 100
 61 140.8 100.6 186.8
 98 66.7 44.6 82.8



#35
 Methylcyclohexane
 Concen: 7.318 ug/L
 RT: 5.989 min Scan# 1539
 Delta R.T. -0.058 min
 Lab File: VV033795.D
 Acq: 22 Jan 2024 12:13

Tgt Ion: 83 Resp: 21804
 Ion Ratio Lower Upper
 83 100
 55 0.3 67.1 100.7#
 98 1.3 37.7 56.5#

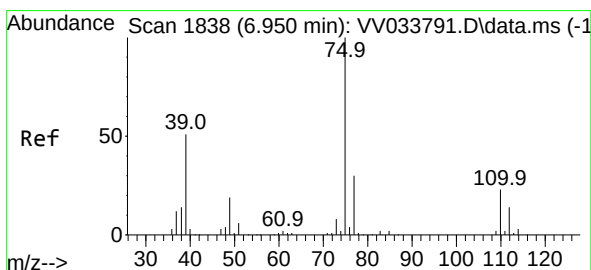
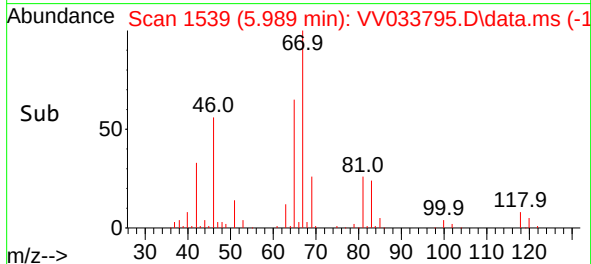
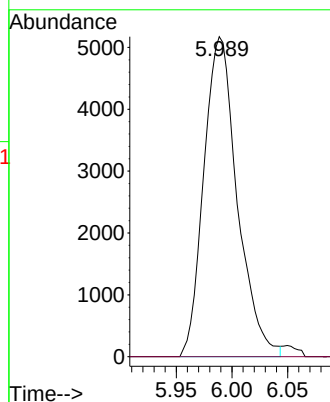
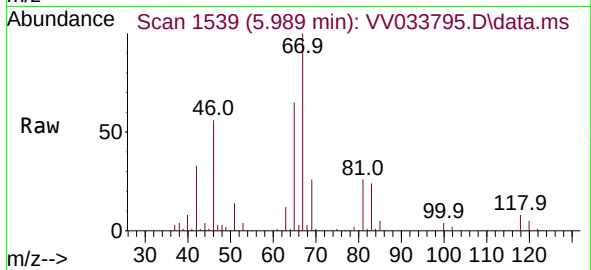




#37
1,2-Dichloropropane
Concen: 6.056 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV033795.D
Acq: 22 Jan 2024 12:13

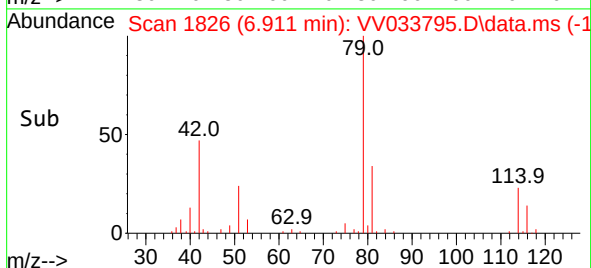
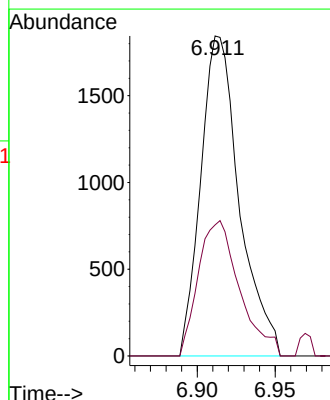
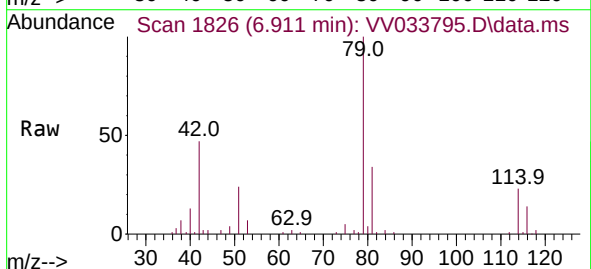
Instrument :
MSVOA_V
ClientSampleId :

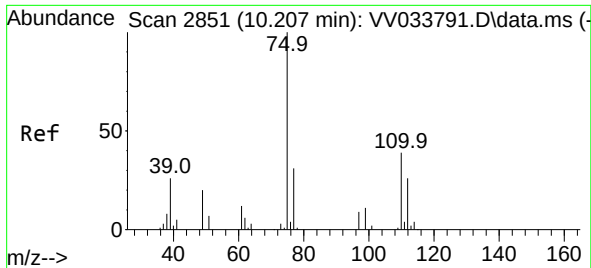
Tgt Ion: 63 Resp: 10816
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 1.064 ug/L
RT: 6.911 min Scan# 1826
Delta R.T. -0.039 min
Lab File: VV033795.D
Acq: 22 Jan 2024 12:13

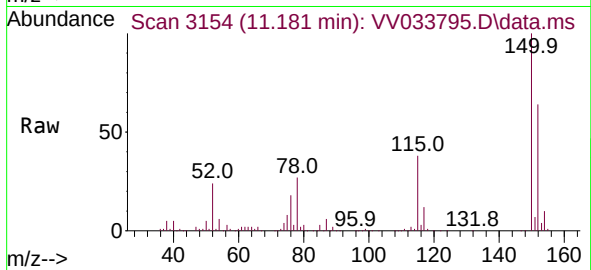
Tgt Ion: 75 Resp: 3172
Ion Ratio Lower Upper
75 100
77 40.9 22.0 41.0





#61
 1,2,3-Trichloropropane
 Concen: 6.626 ug/L
 RT: 11.181 min Scan# 311
 Delta R.T. 0.974 min
 Lab File: VV033795.D
 Acq: 22 Jan 2024 12:13

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 13085
 Ion Ratio Lower Upper
 75 100
 77 35.8 25.3 37.9
 110 2.2 29.5 44.3#

