

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033382.D
 Acq On : 15 Dec 2023 17:14
 Operator : SY/MD
 Sample : 05846-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 00:13:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 15 23:24:47 2023
 Response via : Initial Calibration

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

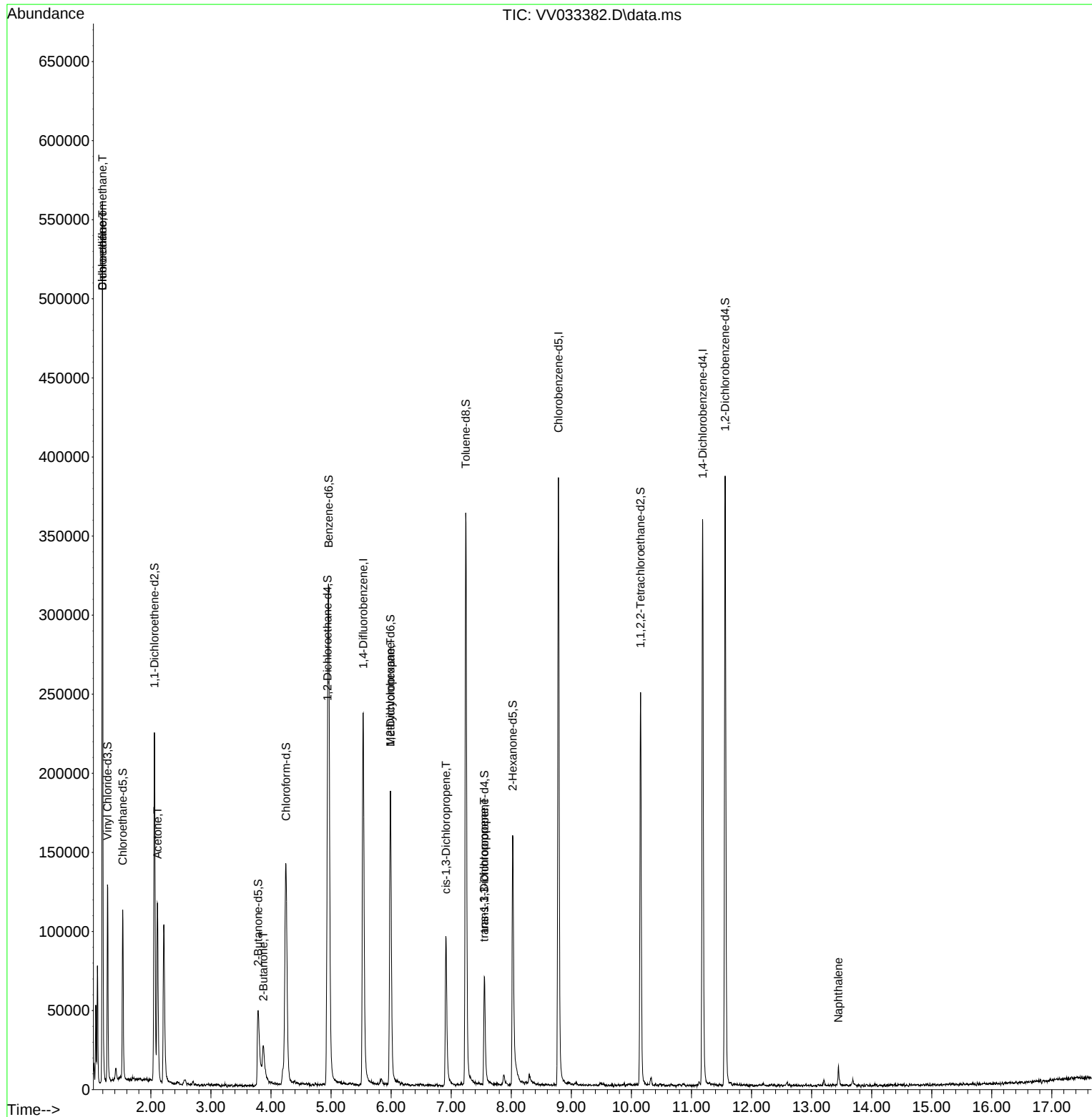
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	203070	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	207580	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	88588	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	76835	49.133	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.260%		
7) Chloroethane-d5	1.532	69	68530	48.832	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.660%		
11) 1,1-Dichloroethene-d2	2.059	65	36282	46.607	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.220%		
21) 2-Butanone-d5	3.786	46	73175	92.844	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.840%		
24) Chloroform-d	4.249	84	149277	48.257	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.520%		
26) 1,2-Dichloroethane-d4	4.940	65	96072	50.556	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.120%		
32) Benzene-d6	4.960	84	279960	50.075	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.160%		
36) 1,2-Dichloropropane-d6	5.989	67	85462	50.367	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.740%		
41) Toluene-d8	7.243	98	240331	46.979	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.960%		
43) trans-1,3-Dichloroprop...	7.551	79	37894	45.569	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.140%		
47) 2-Hexanone-d5	8.024	63	53444	93.644	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.640%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	114467	46.937	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.880%		
66) 1,2-Dichlorobenzene-d4	11.561	152	95572	57.410	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	114.820%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.195	85	40889	24.508	ug/L	99
8) Chloroethane	1.195	64	25204	22.674	ug/L	94
13) Acetone	2.111	43	112672	123.157	ug/L	99
22) 2-Butanone	3.873	43	37694	41.820	ug/L	97
35) Methylcyclohexane	5.989	83	21423	9.840	ug/L #	20
39) cis-1,3-Dichloropropene	6.915	75	3144	1.440	ug/L	84
44) trans-1,3-Dichloropropene	7.548	75	2147	0.980	ug/L	91
71) Naphthalene	13.445	128	4839	1.138	ug/L #	93

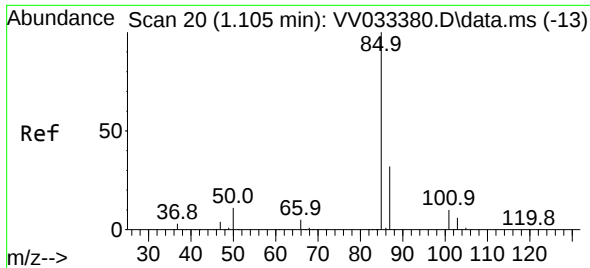
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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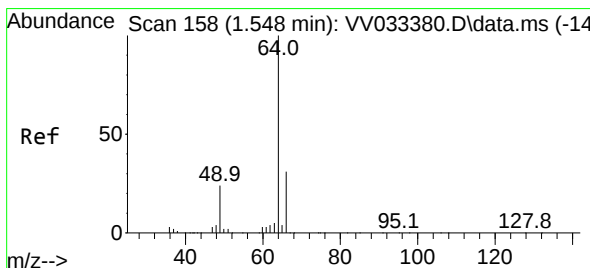
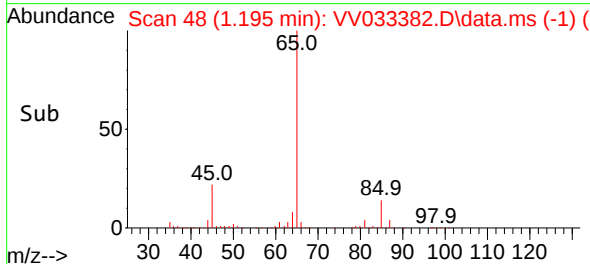
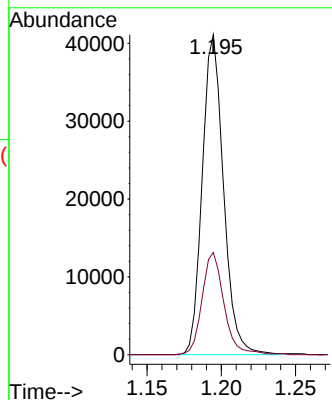
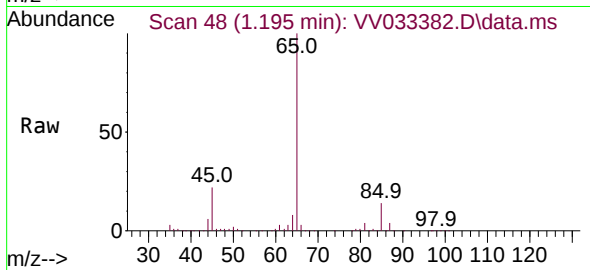




#2
 Dichlorodifluoromethane
 Concen: 24.508 ug/L
 RT: 1.195 min Scan# 48
 Delta R.T. 0.090 min
 Lab File: VV033382.D
 Acq: 15 Dec 2023 17:14

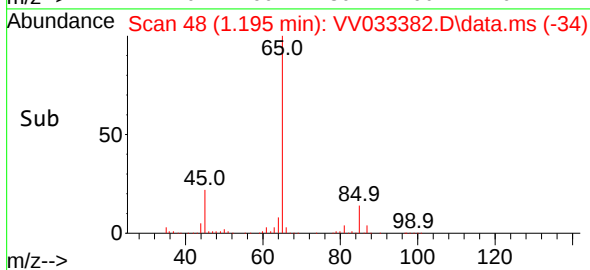
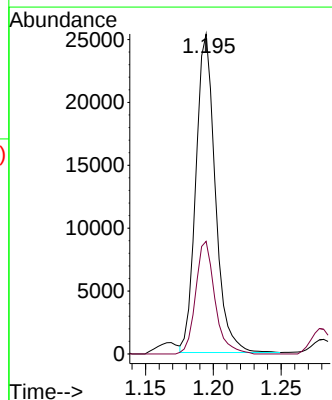
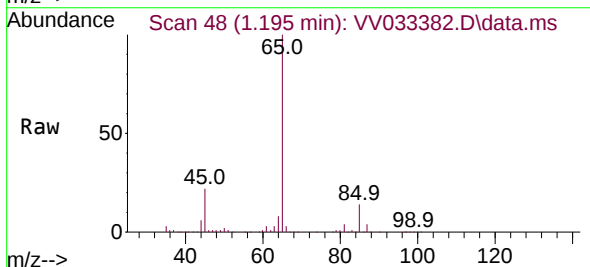
Instrument :
 MSVOA_V
 ClientSampleId :

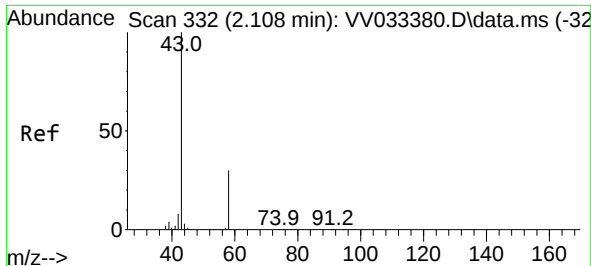
Tgt Ion: 85 Resp: 40889
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.6 39.8



#8
 Chloroethane
 Concen: 22.674 ug/L
 RT: 1.195 min Scan# 48
 Delta R.T. -0.354 min
 Lab File: VV033382.D
 Acq: 15 Dec 2023 17:14

Tgt Ion: 64 Resp: 25204
 Ion Ratio Lower Upper
 64 100
 66 35.2 22.1 41.1





#13

Acetone

Concen: 123.157 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033382.D

Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_V

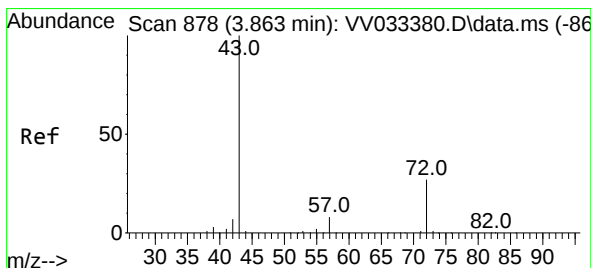
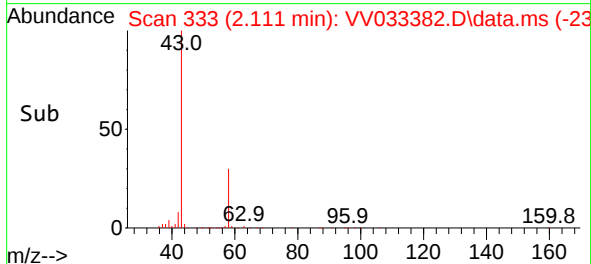
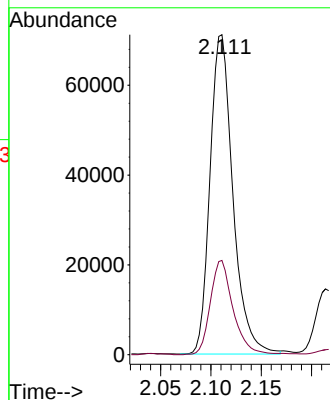
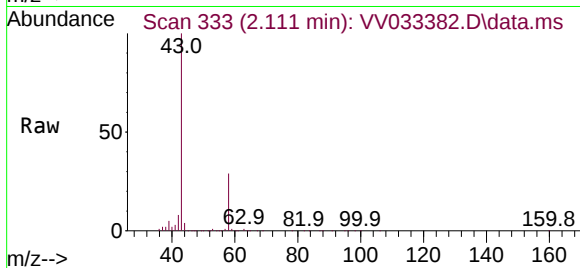
ClientSampleId :

Tgt Ion: 43 Resp: 112672

Ion Ratio Lower Upper

43 100

58 29.2 0.0 59.2



#22

2-Butanone

Concen: 41.820 ug/L

RT: 3.873 min Scan# 881

Delta R.T. 0.009 min

Lab File: VV033382.D

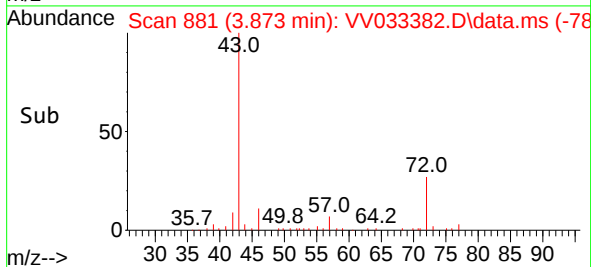
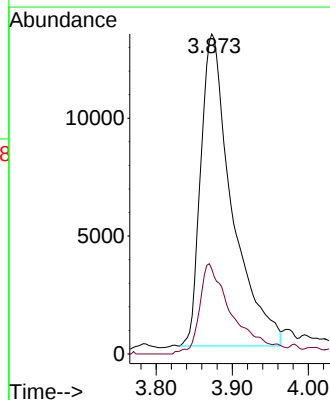
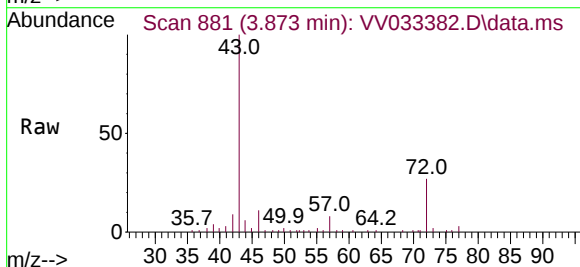
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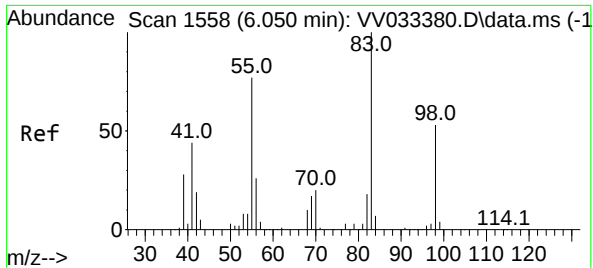
Tgt Ion: 43 Resp: 37694

Ion Ratio Lower Upper

43 100

72 26.4 12.4 37.4

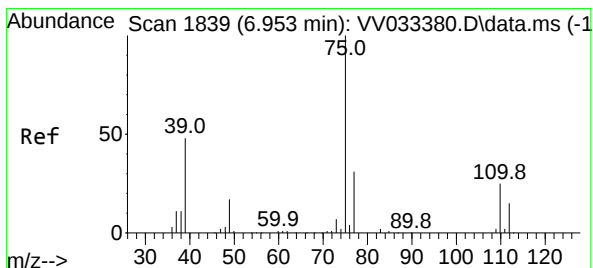
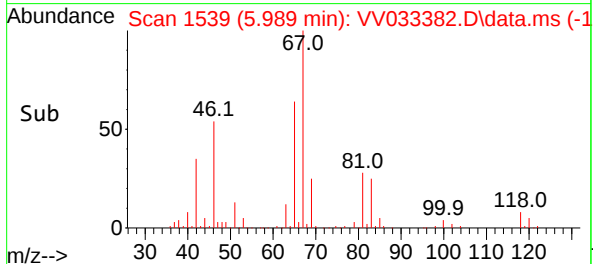
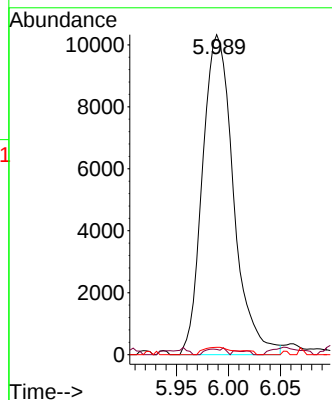
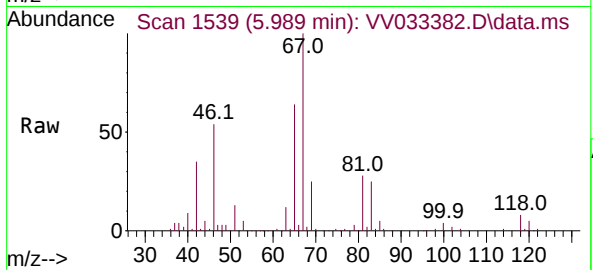




#35
Methylcyclohexane
Concen: 9.840 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV033382.D
Acq: 15 Dec 2023 17:14

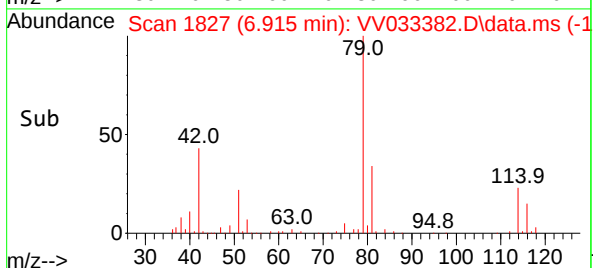
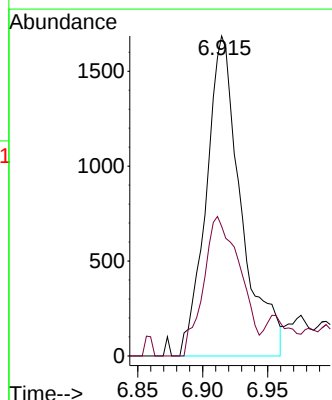
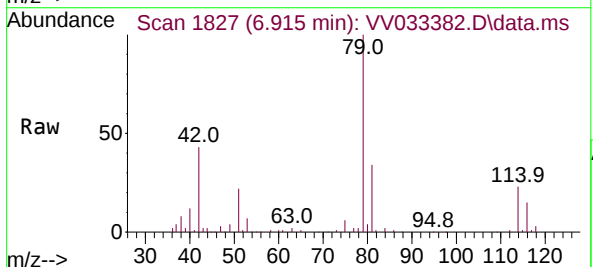
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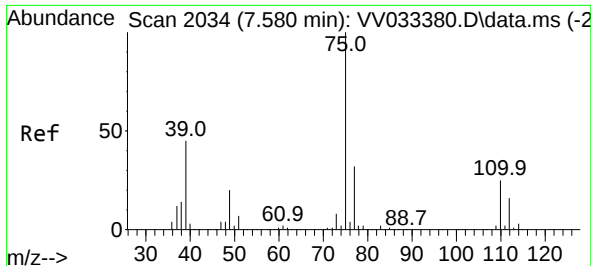
Tgt Ion: 83 Resp: 21423
Ion Ratio Lower Upper
83 100
55 0.8 58.6 88.0#
98 2.0 40.9 61.3#



#39
cis-1,3-Dichloropropene
Concen: 1.440 ug/L
RT: 6.915 min Scan# 1827
Delta R.T. -0.039 min
Lab File: VV033382.D
Acq: 15 Dec 2023 17:14

Tgt Ion: 75 Resp: 3144
Ion Ratio Lower Upper
75 100
77 40.5 22.3 41.3

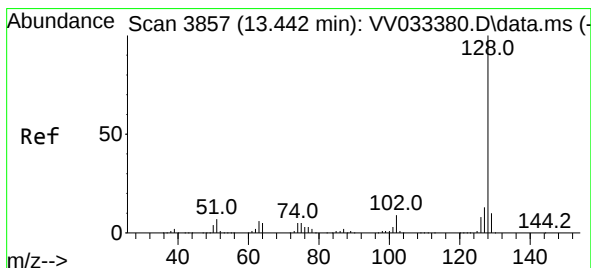
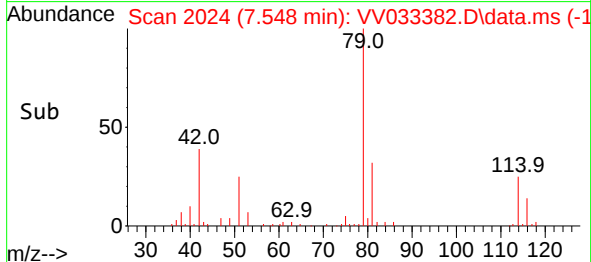
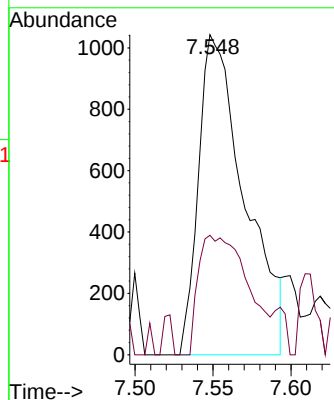
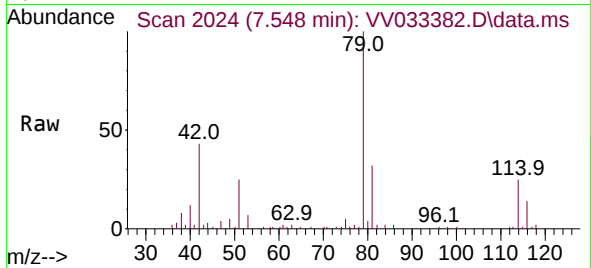




#44
trans-1,3-Dichloropropene
Concen: 0.980 ug/L
RT: 7.548 min Scan# 2034
Delta R.T. -0.032 min
Lab File: VV033382.D
Acq: 15 Dec 2023 17:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 2147
Ion Ratio Lower Upper
75 100
77 37.3 22.4 41.6



#71
Naphthalene
Concen: 1.138 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.003 min
Lab File: VV033382.D
Acq: 15 Dec 2023 17:14

Tgt Ion: 128 Resp: 4839
Ion Ratio Lower Upper
128 100
127 7.6 10.4 15.6#
129 10.9 8.8 13.2

