

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022324\
 Data File : VV034381.D
 Acq On : 23 Feb 2024 17:24
 Operator : SY/MD
 Sample : P1511-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 00:50:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 24 00:41:32 2024
 Response via : Initial Calibration

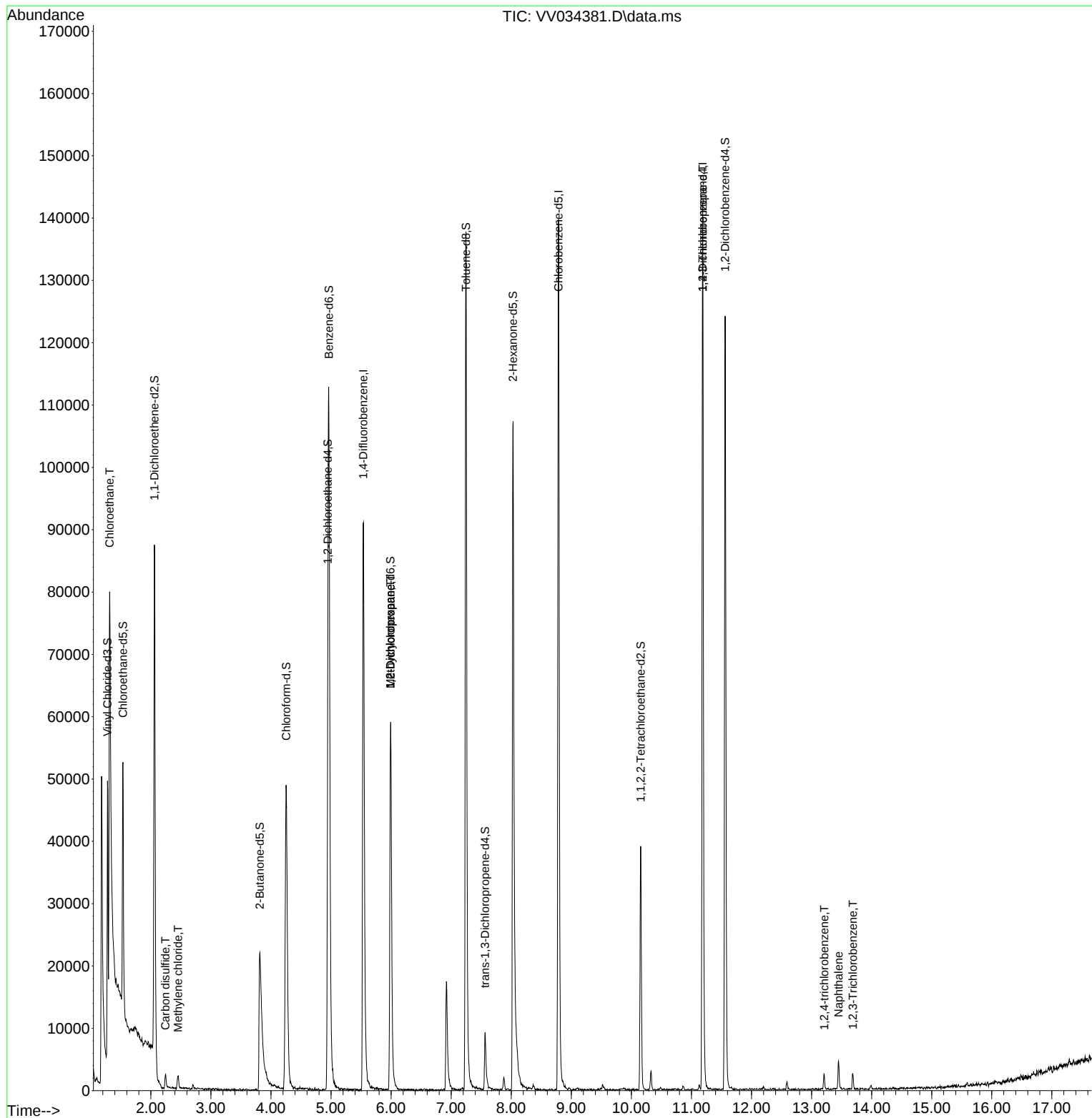
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	81186	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	74014	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37144	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31791	5.056	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.200%	
7) Chloroethane-d5	1.535	69	24658	4.477	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.600%	
11) 1,1-Dichloroethene-d2	2.060	65	14039	4.630	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.600%	
20) 2-Butanone-d5	3.812	46	47114	44.616	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	89.240%	
24) Chloroform-d	4.252	84	52720	4.614	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
26) 1,2-Dichloroethane-d4	4.947	65	26756	5.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	4.963	84	100378	4.520	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	5.989	67	28906	4.657	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.246	98	92498	4.532	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
43) trans-1,3-Dichloroprop...	7.564	79	6952	2.966	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	59.400%	
46) 2-Hexanone-d5	8.027	63	39029	46.646	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.300%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	17913	4.760	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.200%	
66) 1,2-Dichlorobenzene-d4	11.561	152	31825	4.711	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.200%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.314	64	133075	25.155	ug/L #	53
14) Carbon disulfide	2.243	76	3039	0.166	ug/L	97
16) Methylene chloride	2.452	84	906	0.166	ug/L	97
35) Methylcyclohexane	5.989	83	7530	0.747	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3743	0.696	ug/L #	87
61) 1,2,3-Trichloropropane	11.188	75	4580	1.794	ug/L #	61
70) 1,2,4-trichlorobenzene	13.210	180	950	0.131	ug/L	96
71) Naphthalene	13.448	128	4332	0.457	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.686	180	1098	0.189	ug/L	95

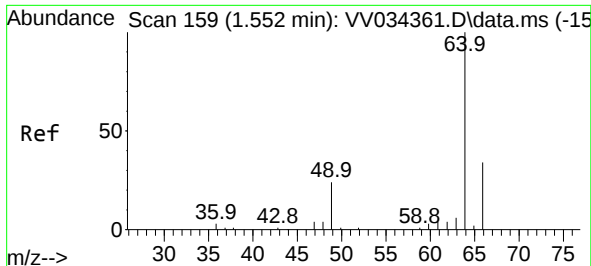
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Feb 24 00:41:32 2024
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#8

Chloroethane

Concen: 25.155 ug/L

RT: 1.314 min Scan# 81

Delta R.T. -0.238 min

Lab File: VV034381.D

Acq: 23 Feb 2024 17:24

Instrument :

MSVOA_V

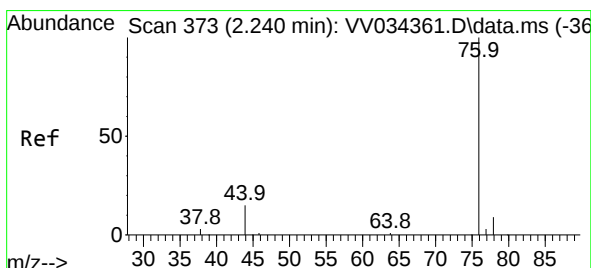
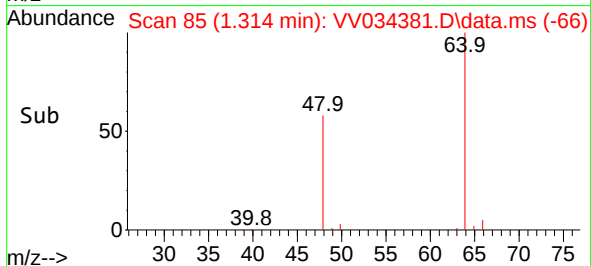
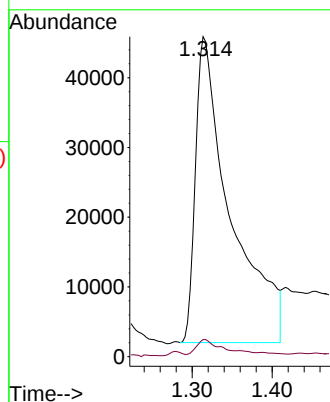
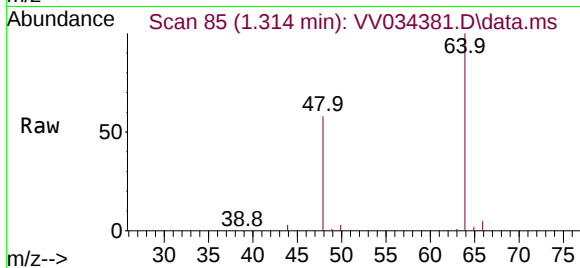
ClientSampleId :

Tgt Ion: 64 Resp: 133075

Ion Ratio Lower Upper

64 100

66 5.3 22.0 41.0#



#14

Carbon disulfide

Concen: 0.166 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034381.D

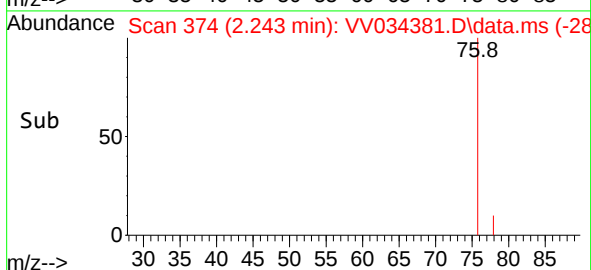
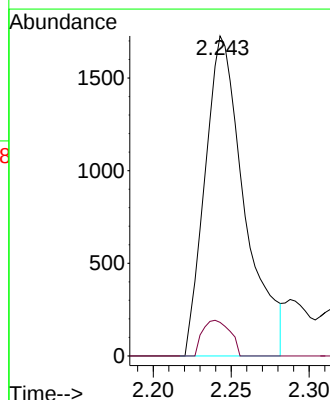
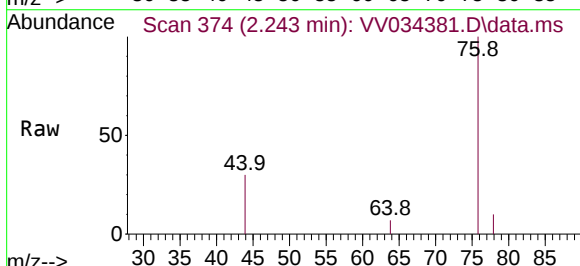
Acq: 23 Feb 2024 17:24

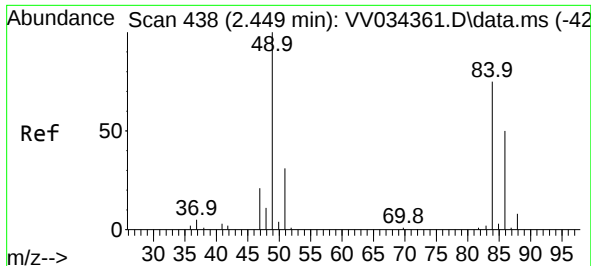
Tgt Ion: 76 Resp: 3039

Ion Ratio Lower Upper

76 100

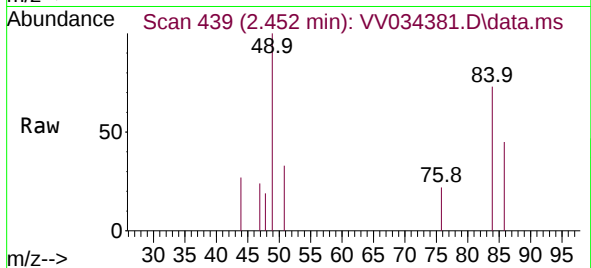
78 10.5 7.5 11.3



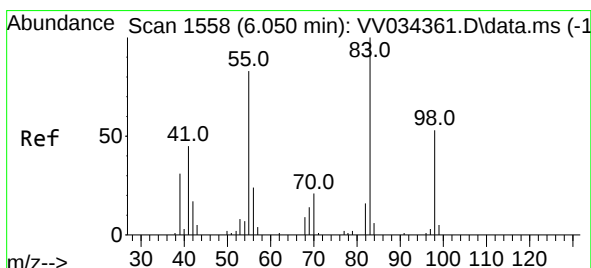
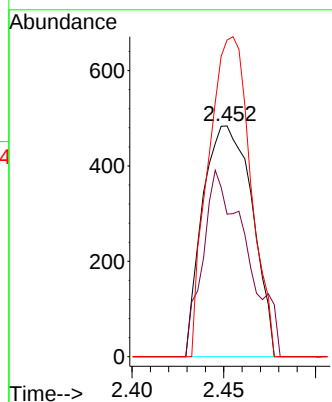
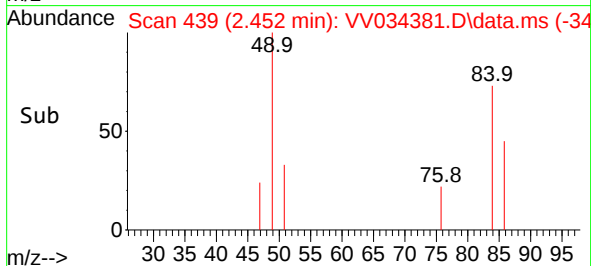


#16
Methylene chloride
Concen: 0.166 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV034381.D
Acq: 23 Feb 2024 17:24

Instrument :
MSVOA_V
ClientSampleId :

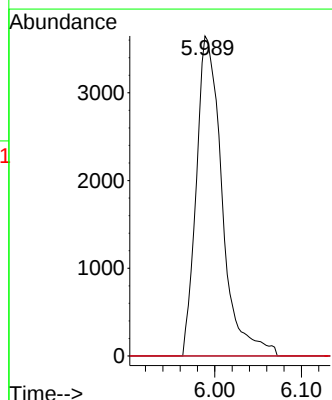
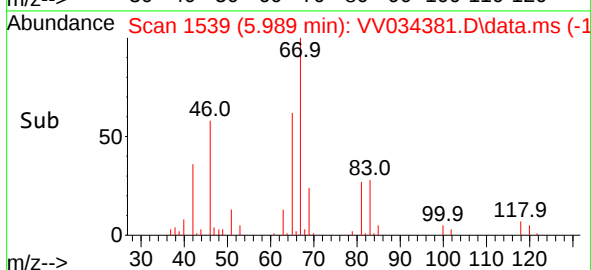
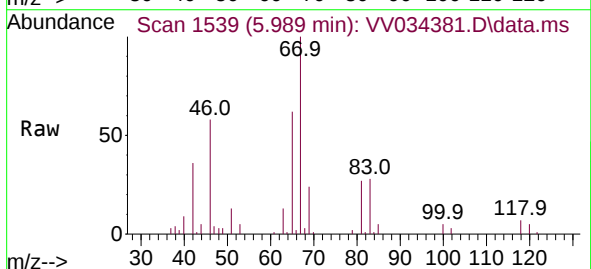


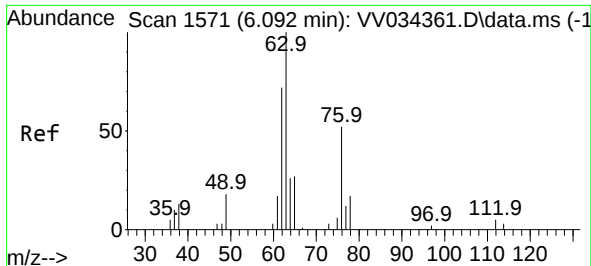
Tgt Ion: 84 Resp: 906
Ion Ratio Lower Upper
84 100
86 61.8 44.7 83.1
49 137.2 93.7 173.9



#35
Methylcyclohexane
Concen: 0.747 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV034381.D
Acq: 23 Feb 2024 17:24

Tgt Ion: 83 Resp: 7530
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.0 39.0 58.4#

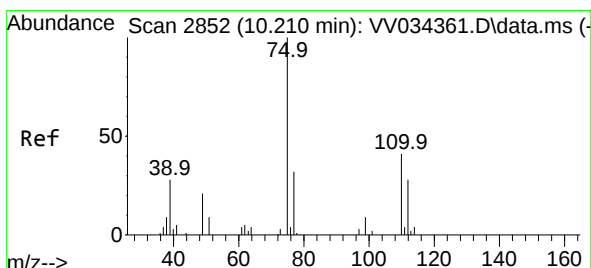
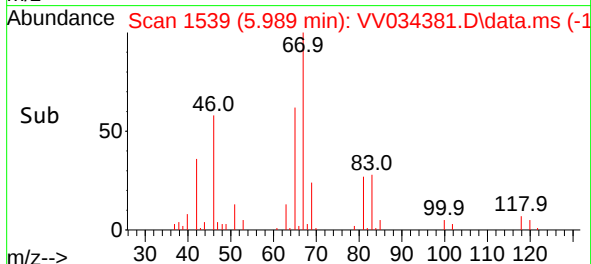
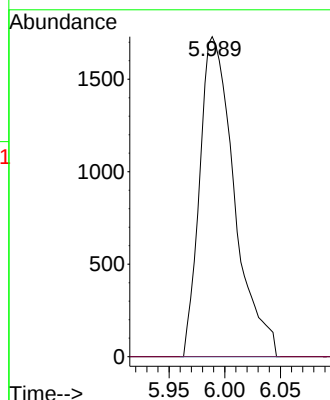
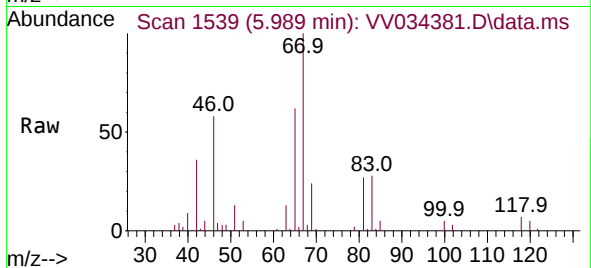




#37
1,2-Dichloropropane
Concen: 0.696 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV034381.D
Acq: 23 Feb 2024 17:24

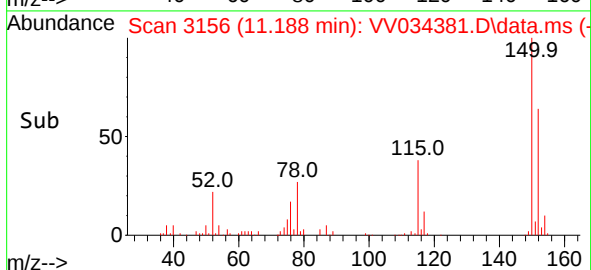
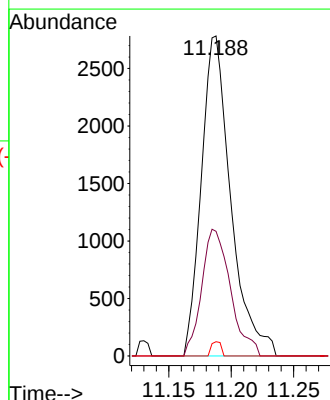
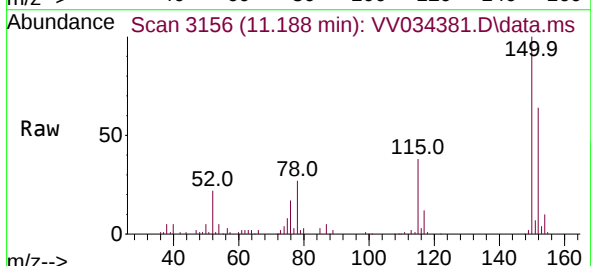
Instrument :
MSVOA_V
ClientSampleId :

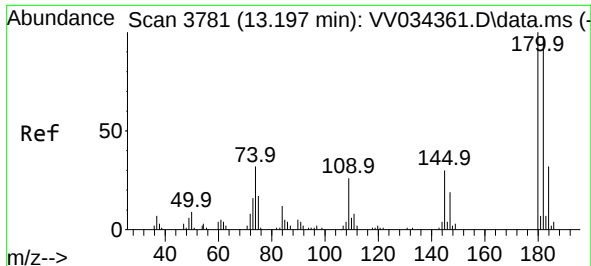
Tgt Ion: 63 Resp: 3743
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#61
1,2,3-Trichloropropane
Concen: 1.794 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.977 min
Lab File: VV034381.D
Acq: 23 Feb 2024 17:24

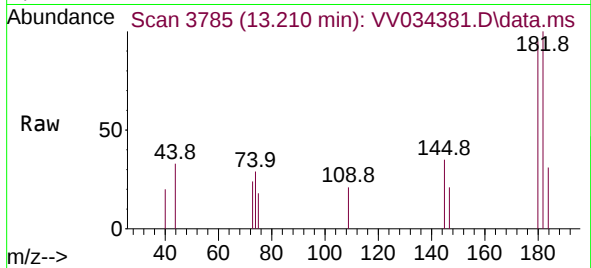
Tgt Ion: 75 Resp: 4580
Ion Ratio Lower Upper
75 100
77 38.6 26.9 40.3
110 1.5 33.3 49.9#



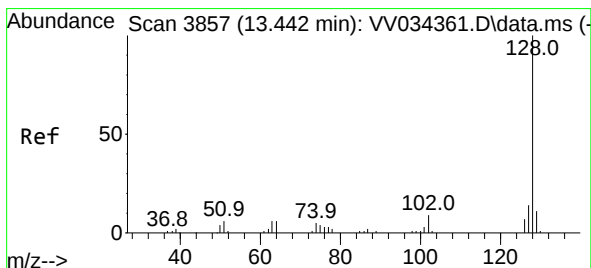
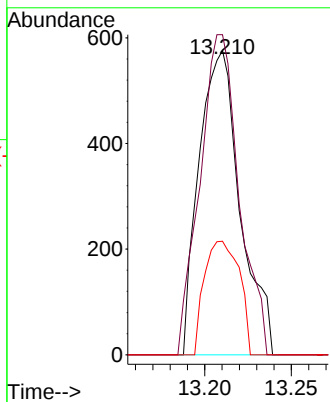
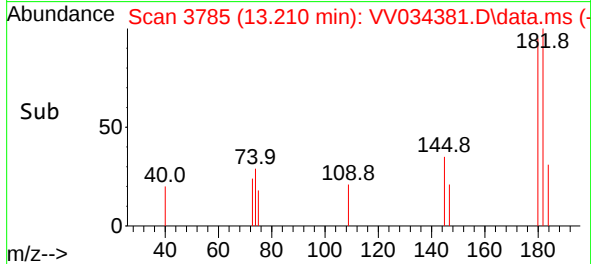


#70
1,2,4-trichlorobenzene
Concen: 0.131 ug/L
RT: 13.210 min Scan# 31
Delta R.T. 0.013 min
Lab File: VV034381.D
Acq: 23 Feb 2024 17:24

Instrument :
MSVOA_V
ClientSampleId :

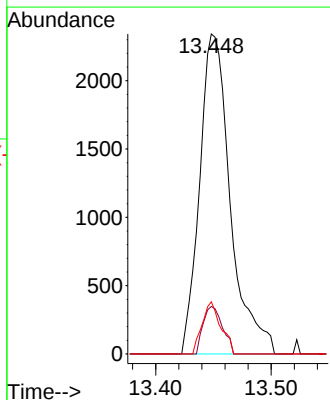
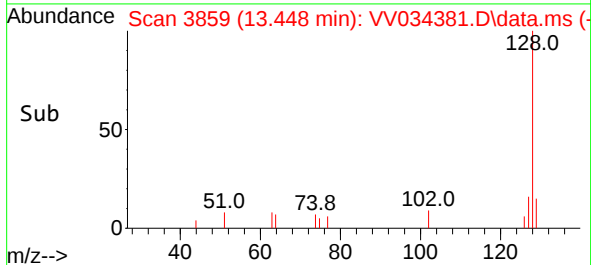
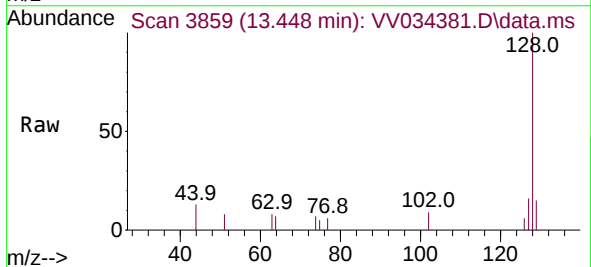


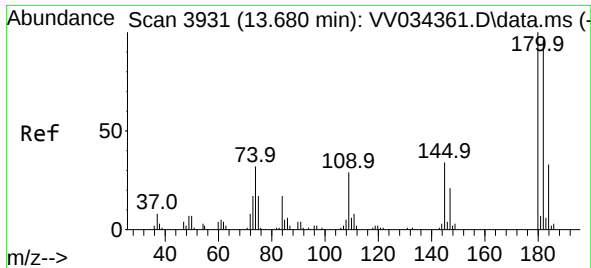
Tgt Ion:180 Resp: 950
Ion Ratio Lower Upper
180 100
182 100.4 76.8 115.2
145 31.7 24.8 37.2



#71
Naphthalene
Concen: 0.457 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.006 min
Lab File: VV034381.D
Acq: 23 Feb 2024 17:24

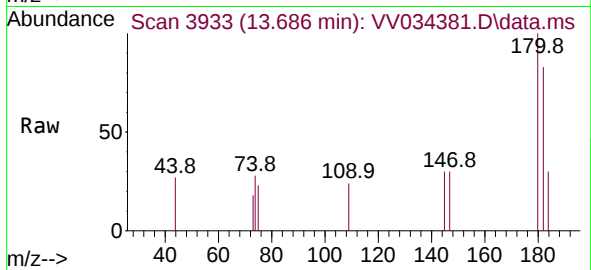
Tgt Ion:128 Resp: 4332
Ion Ratio Lower Upper
128 100
129 9.4 8.5 12.7
127 10.0 10.4 15.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.189 ug/L
 RT: 13.686 min Scan# 3933
 Delta R.T. 0.006 min
 Lab File: VV034381.D
 Acq: 23 Feb 2024 17:24

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	1098
Ion	Ratio	Lower	Upper
180	100		
182	91.1	75.0	112.6
145	25.4	25.2	37.8

