

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
 Data File : VV033788.D
 Acq On : 20 Jan 2024 05:32
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 20 06:03:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 23:43:59 2024
 Response via : Initial Calibration

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

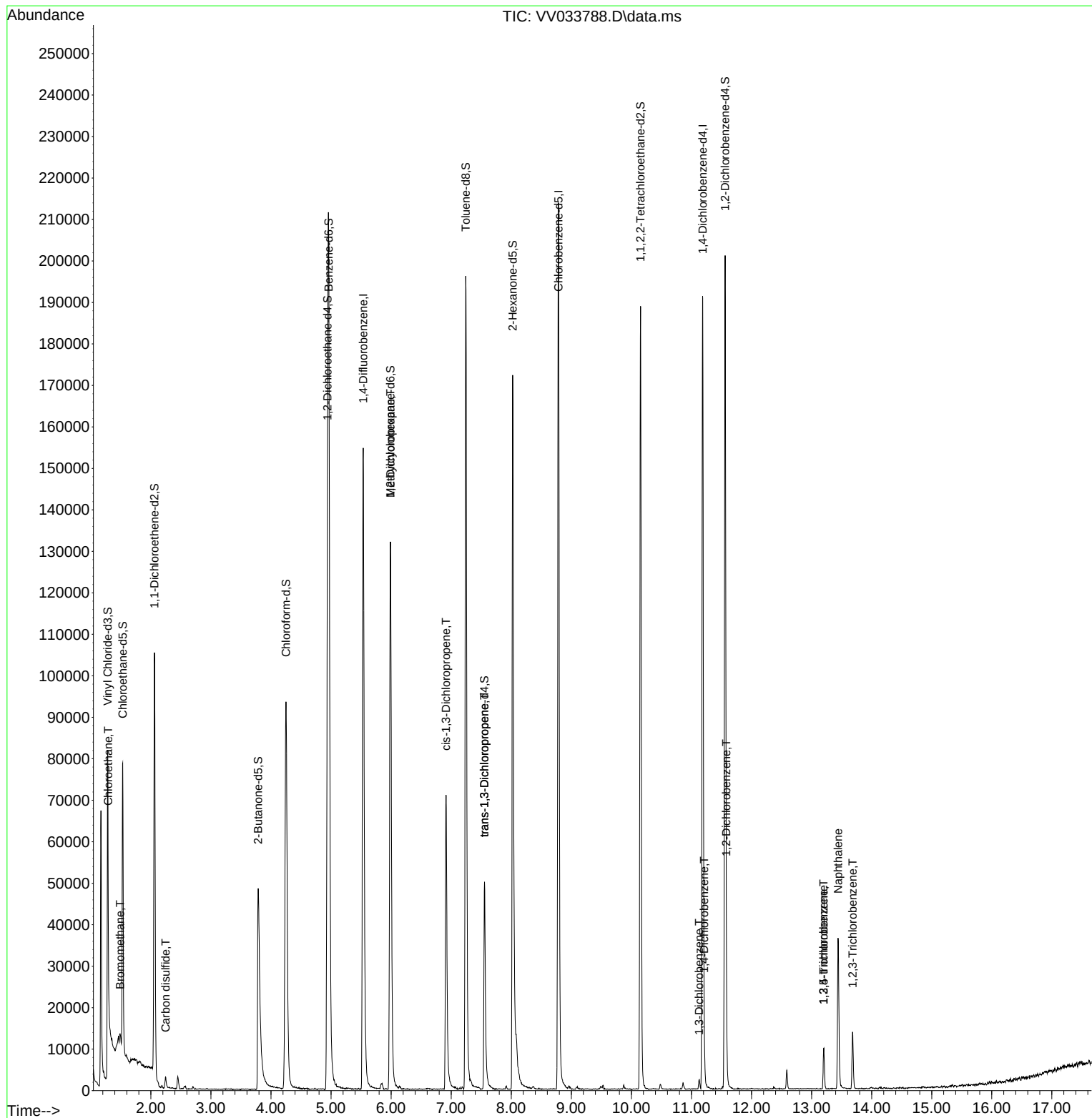
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	134355	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	114381	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	48903	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	42682	41.335	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.680%
7) Chloroethane-d5	1.532	69	43606	53.326	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.660%
11) 1,1-Dichloroethene-d2	2.060	65	17471	39.314	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.620%
21) 2-Butanone-d5	3.786	46	83063	117.278	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.280%
24) Chloroform-d	4.249	84	99206	53.730	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.460%
26) 1,2-Dichloroethane-d4	4.941	65	78171	65.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	131.060%#
32) Benzene-d6	4.960	84	172694	53.108	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.220%
36) 1,2-Dichloropropane-d6	5.989	67	63457	59.285	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.560%
41) Toluene-d8	7.243	98	129451	44.183	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.360%
43) trans-1,3-Dichloroprop...	7.555	79	29617	55.986	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.980%
47) 2-Hexanone-d5	8.024	63	60475	136.208	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	136.210%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	89453	65.463	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	130.920%#
66) 1,2-Dichlorobenzene-d4	11.561	152	49220	53.049	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.100%
Target Compounds						
					Qvalue	
6) Bromomethane	1.487	94	1571	2.472	ug/L	90
8) Chloroethane	1.288	64	49963	68.911	ug/L #	60
14) Carbon disulfide	2.246	76	3036	1.108	ug/L	98
35) Methylcyclohexane	5.989	83	15199	9.855	ug/L #	16
39) cis-1,3-Dichloropropene	6.915	75	1906	1.235	ug/L #	65
44) trans-1,3-Dichloropropene	7.555	75	1479	1.040	ug/L	86
64) 1,3-Dichlorobenzene	11.130	146	1068	0.715	ug/L #	83
65) 1,4-Dichlorobenzene	11.214	146	1402	0.936	ug/L	95
67) 1,2-Dichlorobenzene	11.580	146	1432	0.981	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.201	180	3310	2.997	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	3310	3.302	ug/L #	95
71) Naphthalene	13.442	128	30728	11.731	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	4308	4.604	ug/L	99

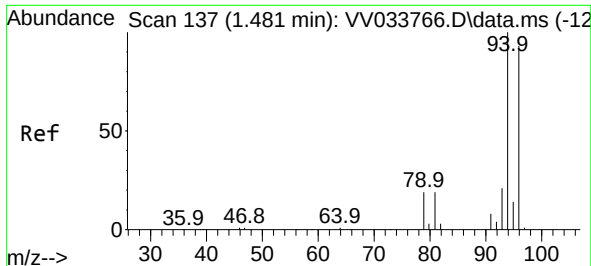
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 19 23:43:59 2024
Response via : Initial Calibration





#6

Bromomethane

Concen: 2.472 ug/L

RT: 1.487 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV033788.D

Acq: 20 Jan 2024 05:32

Instrument :

MSVOA_V

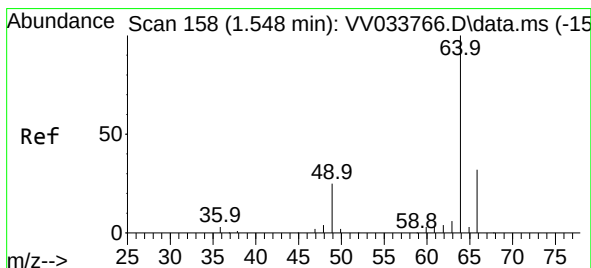
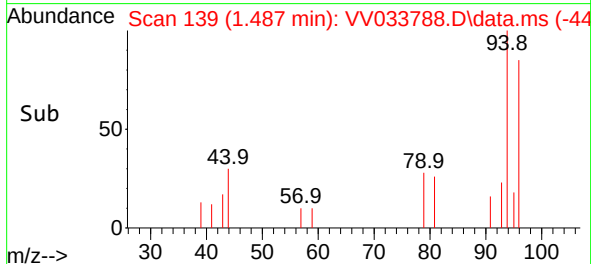
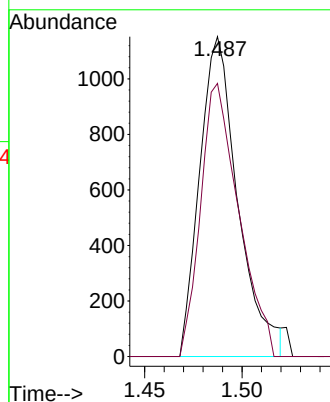
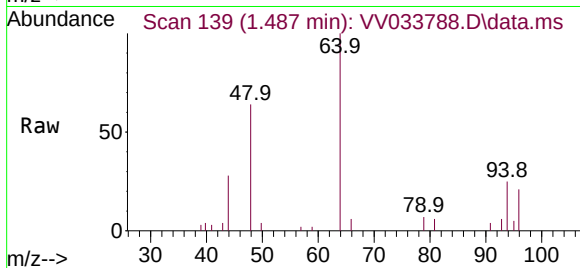
ClientSampleId :

Tgt Ion: 94 Resp: 1571

Ion Ratio Lower Upper

94 100

96 85.4 66.4 123.2



#8

Chloroethane

Concen: 68.911 ug/L

RT: 1.288 min Scan# 77

Delta R.T. -0.260 min

Lab File: VV033788.D

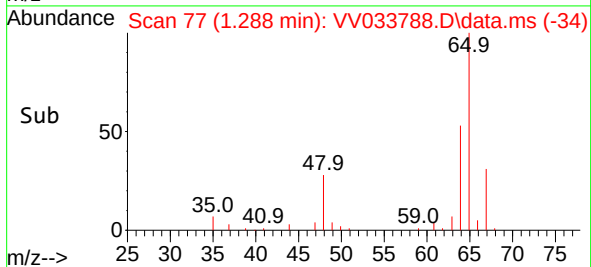
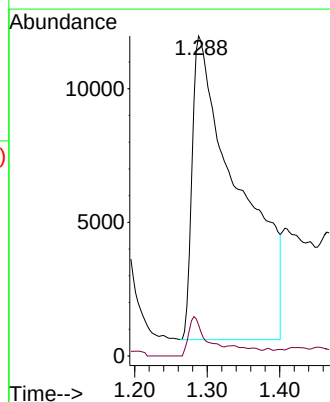
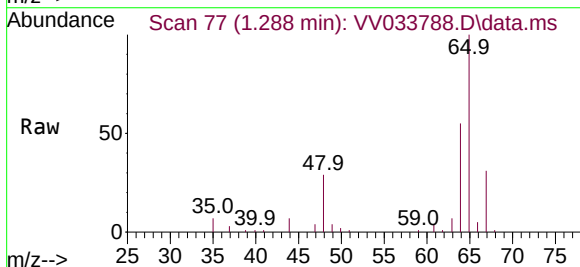
Acq: 20 Jan 2024 05:32

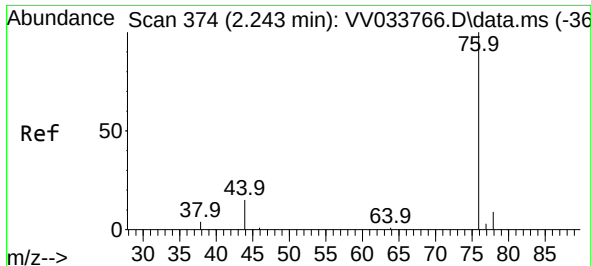
Tgt Ion: 64 Resp: 49963

Ion Ratio Lower Upper

64 100

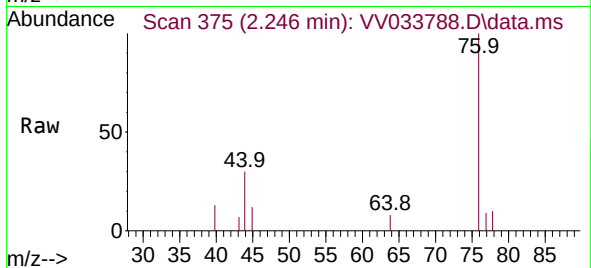
66 9.7 22.5 41.9#



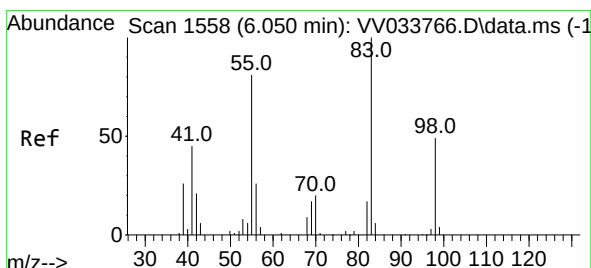
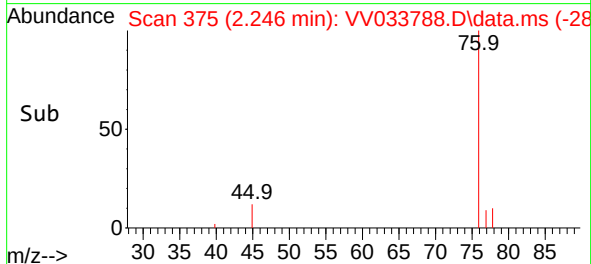
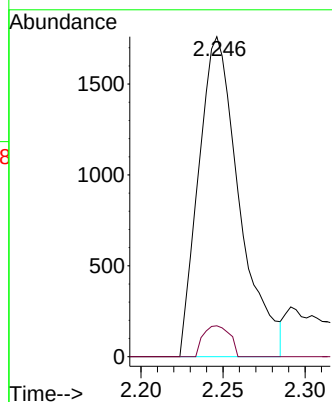


#14
Carbon disulfide
Concen: 1.108 ug/L
RT: 2.246 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV033788.D
Acq: 20 Jan 2024 05:32

Instrument :
MSVOA_V
ClientSampleId :

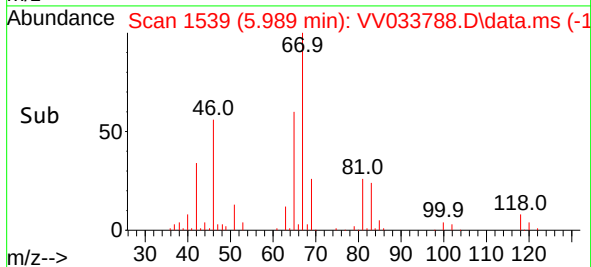
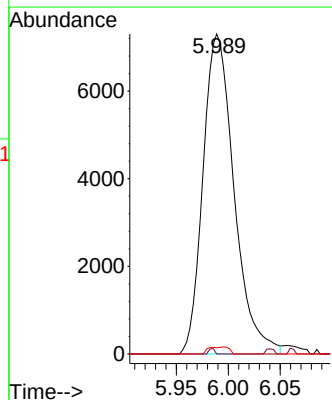
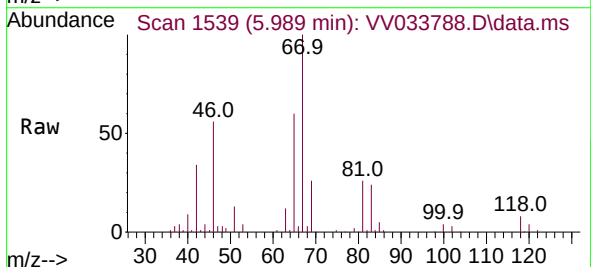


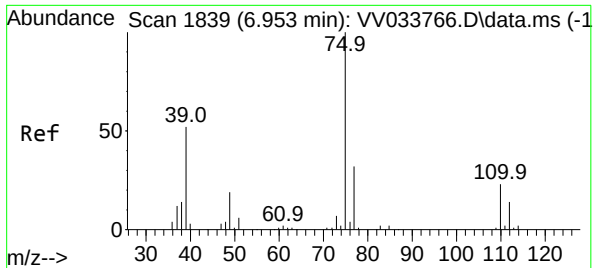
Tgt Ion: 76 Resp: 3036
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7



#35
Methylcyclohexane
Concen: 9.855 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV033788.D
Acq: 20 Jan 2024 05:32

Tgt Ion: 83 Resp: 15199
Ion Ratio Lower Upper
83 100
55 0.3 67.1 100.7#
98 0.7 37.7 56.5#





#39

cis-1,3-Dichloropropene

Concen: 1.235 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV033788.D

Acq: 20 Jan 2024 05:32

Instrument :

MSVOA_V

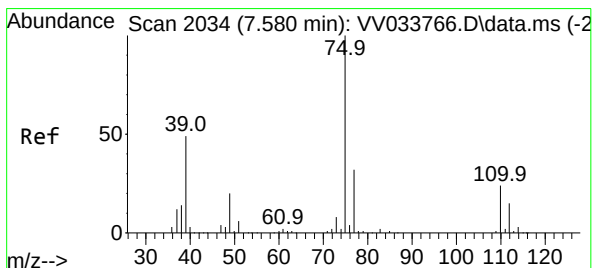
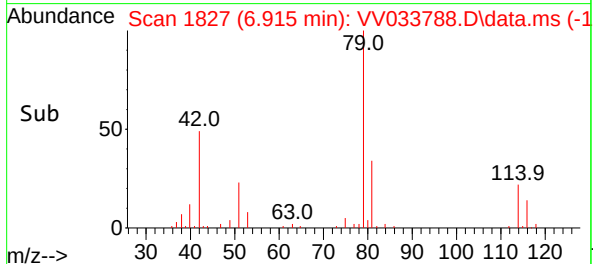
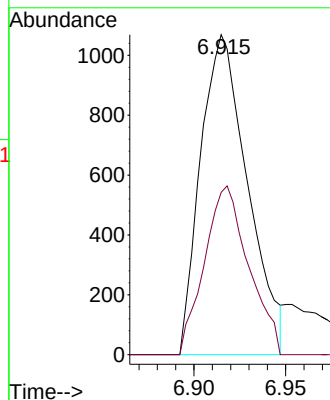
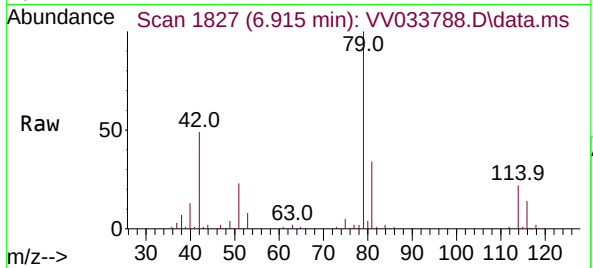
ClientSampleId :

Tgt Ion: 75 Resp: 1906

Ion Ratio Lower Upper

75 100

77 50.7 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 1.040 ug/L

RT: 7.555 min Scan# 2026

Delta R.T. -0.026 min

Lab File: VV033788.D

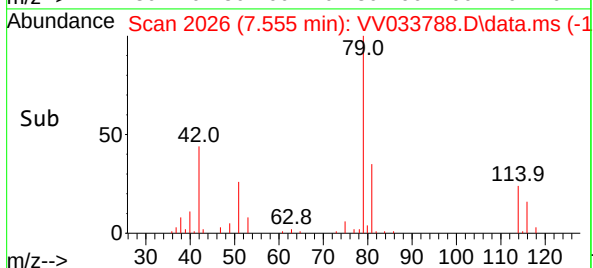
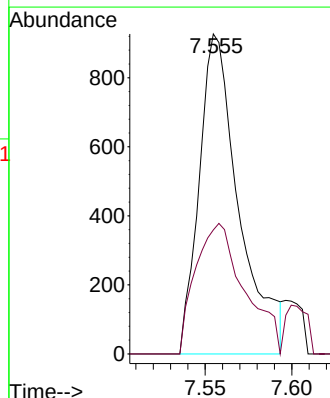
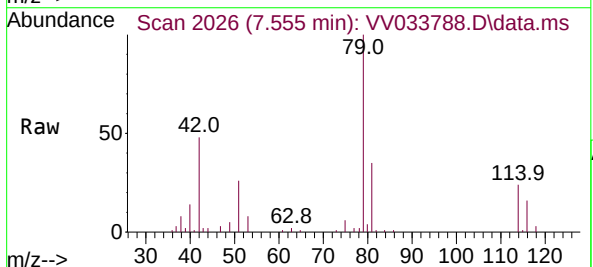
Acq: 20 Jan 2024 05:32

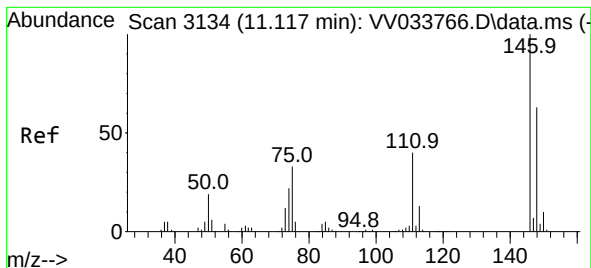
Tgt Ion: 75 Resp: 1479

Ion Ratio Lower Upper

75 100

77 38.7 21.6 40.0





#64

1,3-Dichlorobenzene

Concen: 0.715 ug/L

RT: 11.130 min Scan# 3134

Delta R.T. 0.013 min

Lab File: VV033788.D

Acq: 20 Jan 2024 05:32

Instrument :

MSVOA_V

ClientSampleId :

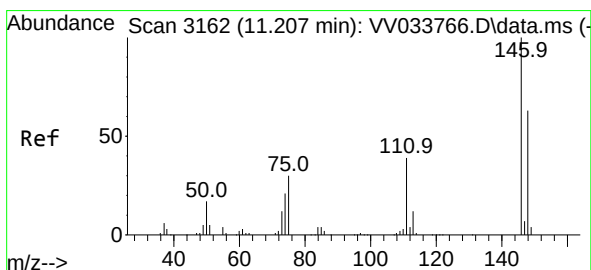
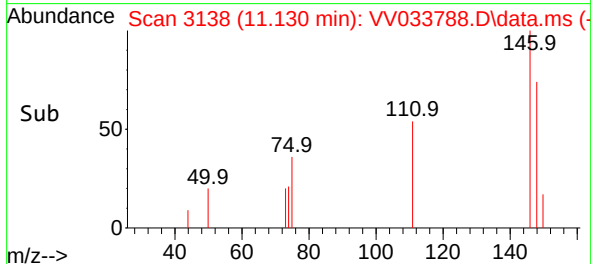
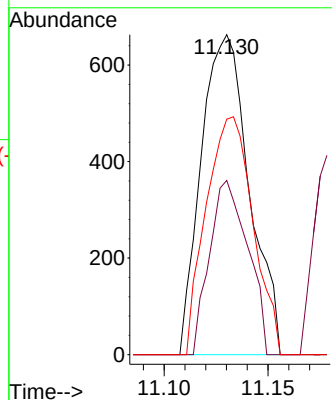
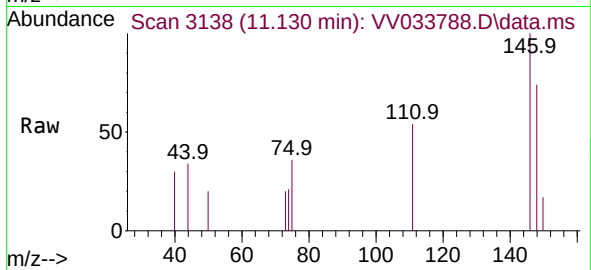
Tgt Ion:146 Resp: 1068

Ion Ratio Lower Upper

146 100

111 54.4 29.0 53.8#

148 73.6 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 0.936 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.007 min

Lab File: VV033788.D

Acq: 20 Jan 2024 05:32

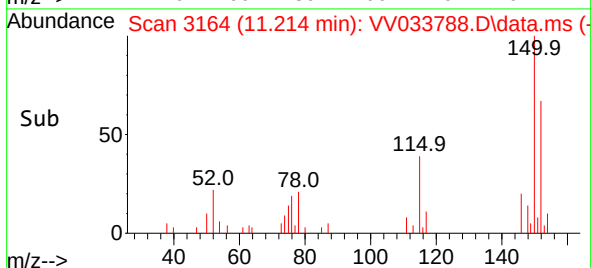
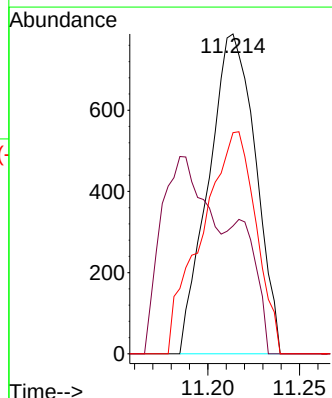
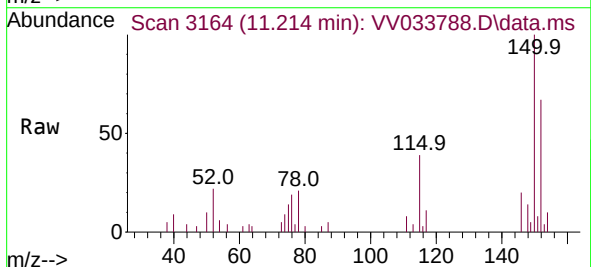
Tgt Ion:146 Resp: 1402

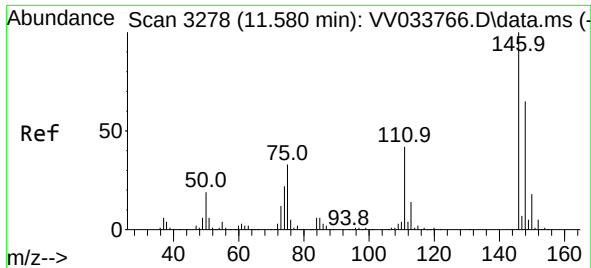
Ion Ratio Lower Upper

146 100

111 40.0 27.7 51.5

148 69.2 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 0.981 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033788.D

Acq: 20 Jan 2024 05:32

Instrument :

MSVOA_V

ClientSampleId :

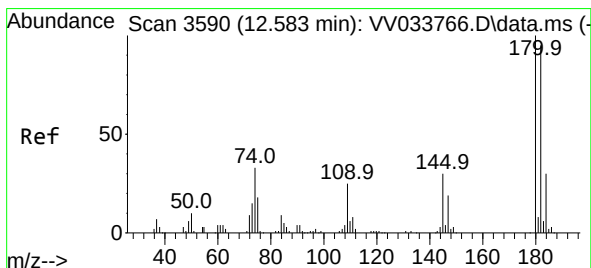
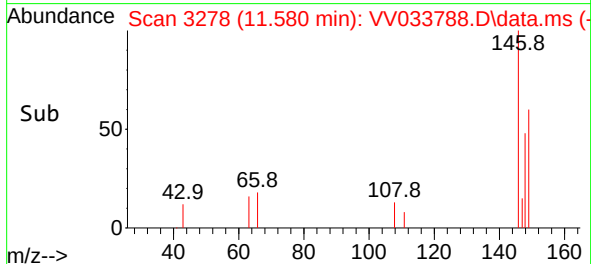
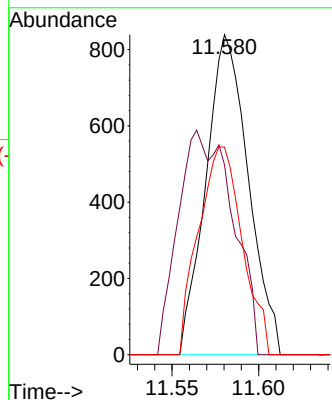
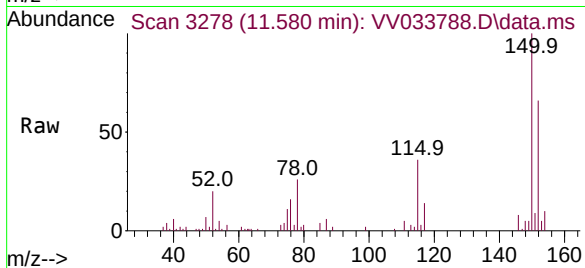
Tgt Ion:146 Resp: 1432

Ion Ratio Lower Upper

146 100

111 59.4 35.4 53.0#

148 64.8 52.0 78.0



#69

1,3,5-Trichlorobenzene

Concen: 2.997 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.618 min

Lab File: VV033788.D

Acq: 20 Jan 2024 05:32

Tgt Ion:180 Resp: 3310

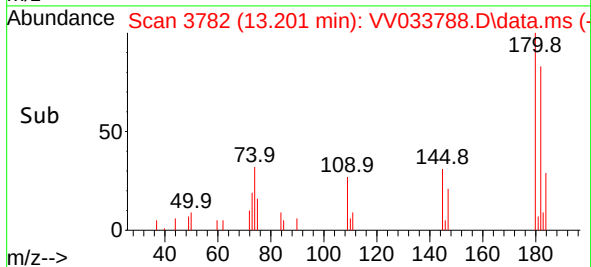
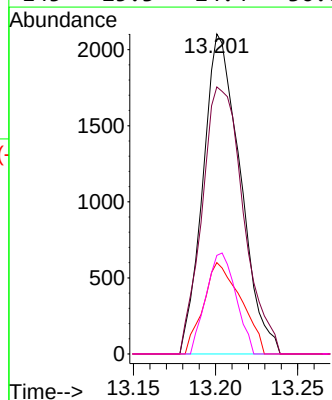
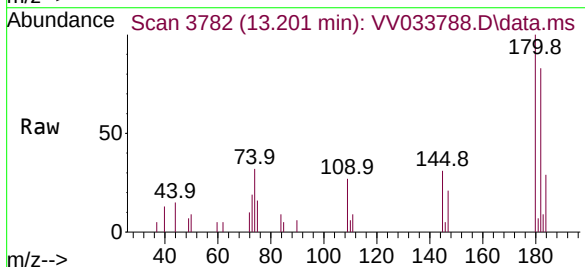
Ion Ratio Lower Upper

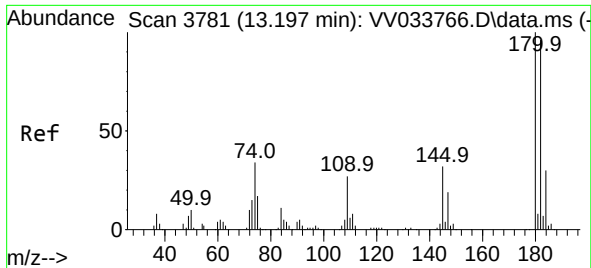
180 100

182 92.6 76.2 114.2

184 28.8 23.9 35.9

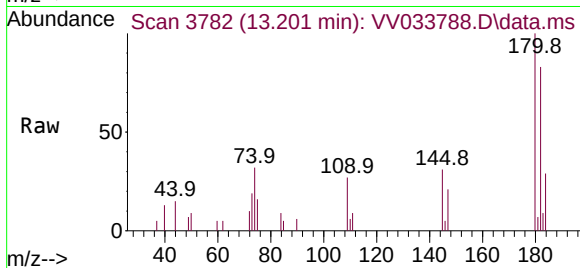
145 25.3 24.4 36.6



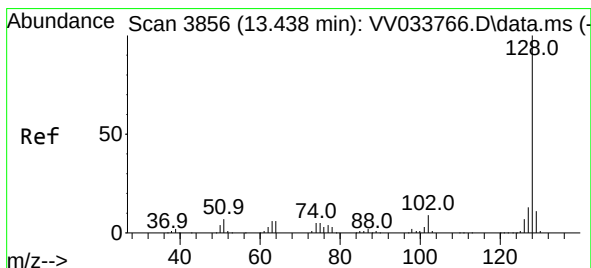
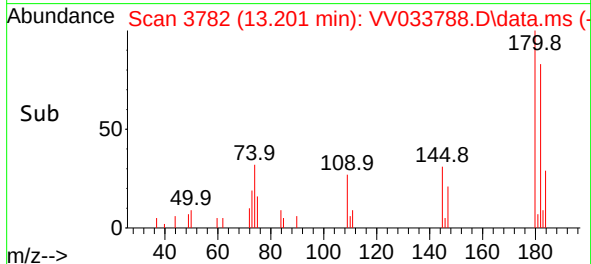
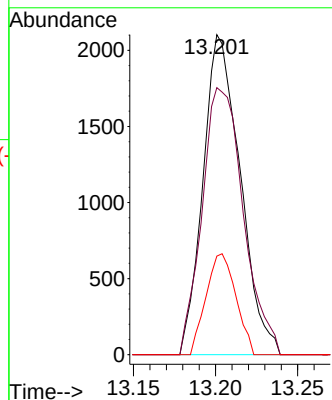


#70
1,2,4-trichlorobenzene
Concen: 3.302 ug/L
RT: 13.201 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV033788.D
Acq: 20 Jan 2024 05:32

Instrument :
MSVOA_V
ClientSampleId :

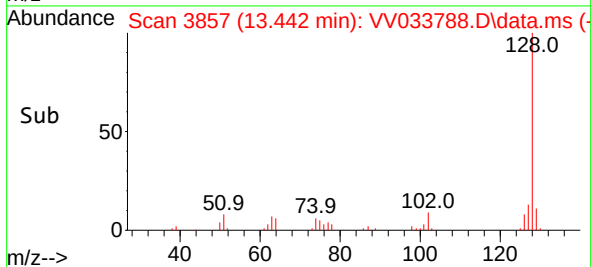
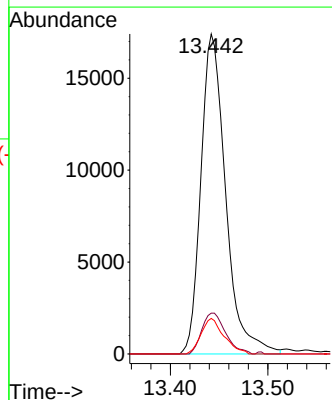
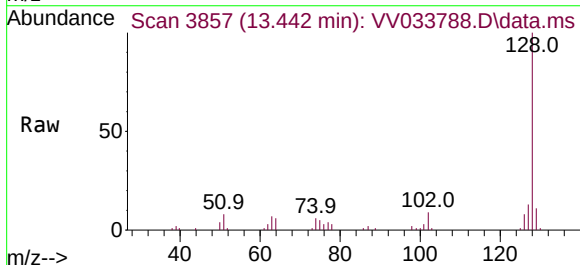


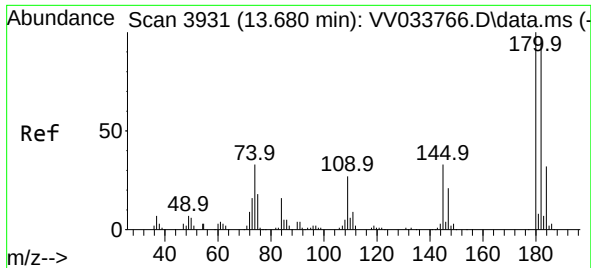
Tgt Ion:180 Resp: 3310
Ion Ratio Lower Upper
180 100
182 92.6 76.3 114.5
145 25.3 25.4 38.0#



#71
Naphthalene
Concen: 11.731 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.003 min
Lab File: VV033788.D
Acq: 20 Jan 2024 05:32

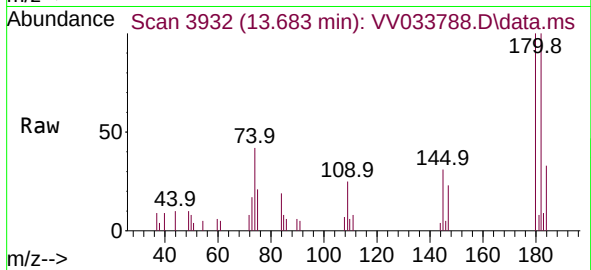
Tgt Ion:128 Resp: 30728
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 10.2 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 4.604 ug/L
 RT: 13.683 min Scan# 3931
 Delta R.T. 0.003 min
 Lab File: VV033788.D
 Acq: 20 Jan 2024 05:32

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	4308
Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.0	114.0
145	31.4	26.3	39.5

