

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035638.D
 Acq On : 21 May 2024 15:10
 Operator : SY/MD
 Sample : VV0521SBL02
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 02:36:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 02:35:18 2024
 Response via : Initial Calibration

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

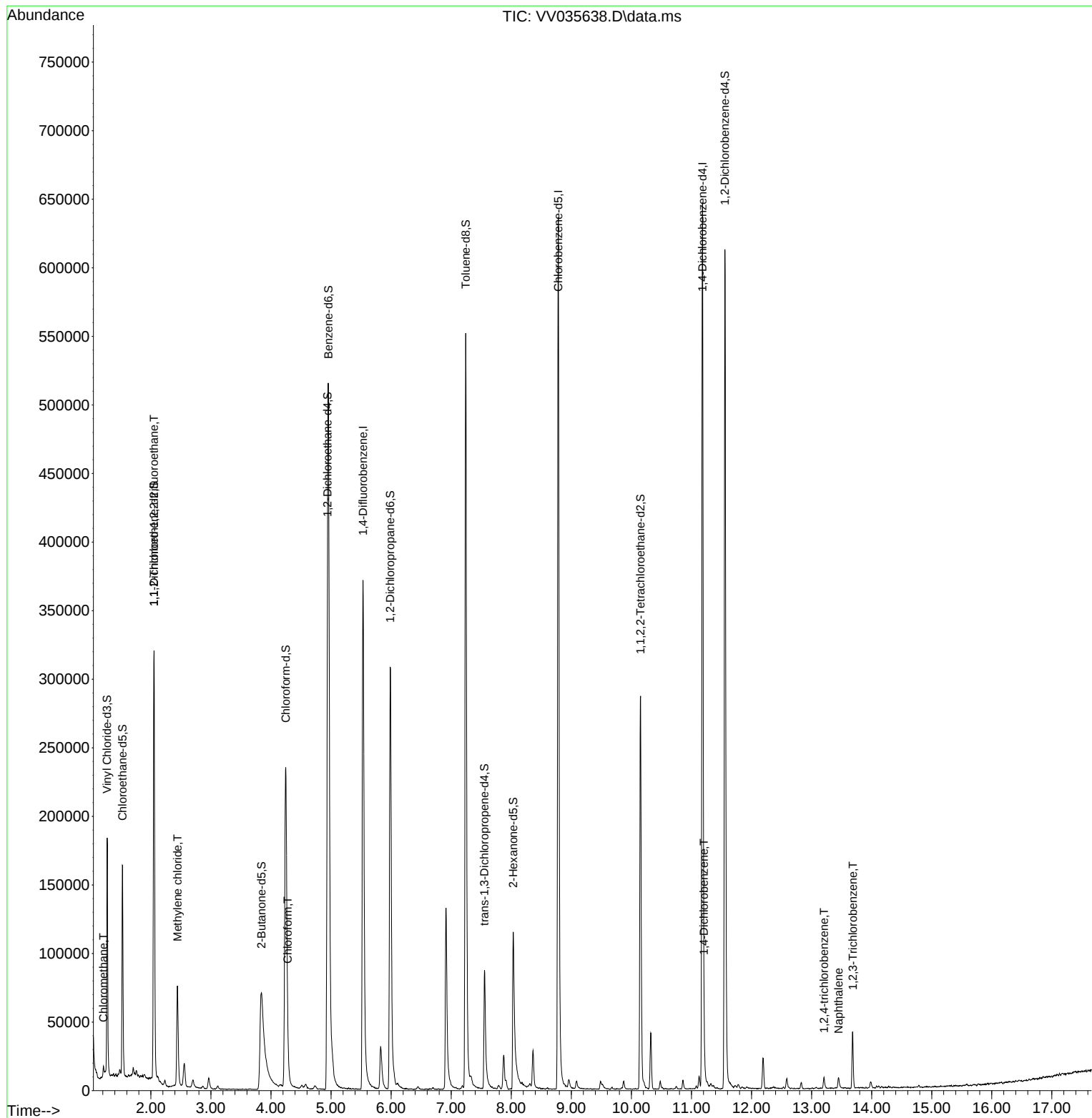
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	338909	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	366062	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	178158	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	112025	21.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.560%
7) Chloroethane-d5	1.526	69	102388	24.229	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.920%
11) 1,1-Dichloroethene-d2	2.053	65	52866	22.796	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.200%
21) 2-Butanone-d5	3.844	46	65924	44.346	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.700%
24) Chloroform-d	4.246	84	264794	26.281	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.120%
26) 1,2-Dichloroethane-d4	4.941	65	137981	27.702	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	4.957	84	476245	23.767	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.080%
36) 1,2-Dichloropropane-d6	5.986	67	163899	26.504	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.000%
41) Toluene-d8	7.243	98	390225	21.881	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.520%
43) trans-1,3-Dichloroprop...	7.555	79	59089	22.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.360%
47) 2-Hexanone-d5	8.034	63	47973	43.142	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.280%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	145550	24.426	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.720%
66) 1,2-Dichlorobenzene-d4	11.558	152	165054	26.695	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.800%
Target Compounds						Qvalue
3) Chloromethane	1.211	50	3721	0.538	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	2649	0.450	ug/L #	59
16) Methylene chloride	2.442	84	31895	4.081	ug/L	93
25) Chloroform	4.278	83	6966	0.610	ug/L	84
65) 1,4-Dichlorobenzene	11.210	146	4922	0.382	ug/L	95
70) 1,2,4-trichlorobenzene	13.207	180	2909	0.358	ug/L	93
71) Naphthalene	13.452	128	8198	0.575	ug/L #	96
72) 1,2,3-Trichlorobenzene	13.686	180	2617	0.358	ug/L	96

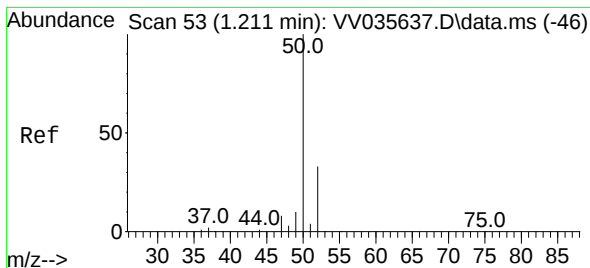
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
Data File : VV035638.D
Acq On : 21 May 2024 15:10
Operator : SY/MD
Sample : VV0521SBL02
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 22 02:36:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:35:18 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.538 ug/L

RT: 1.211 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV035638.D

Acq: 21 May 2024 15:10

Instrument :

MSVOA_V

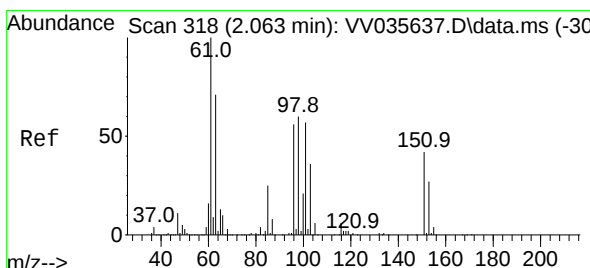
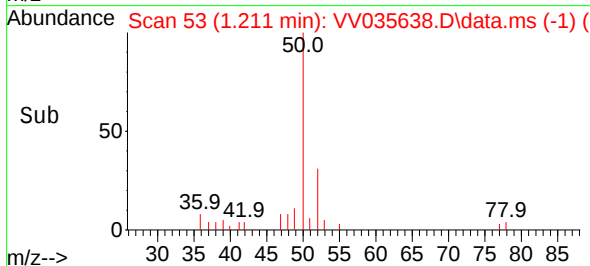
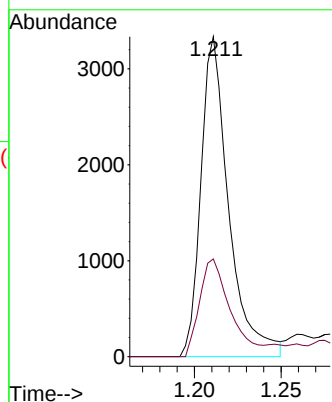
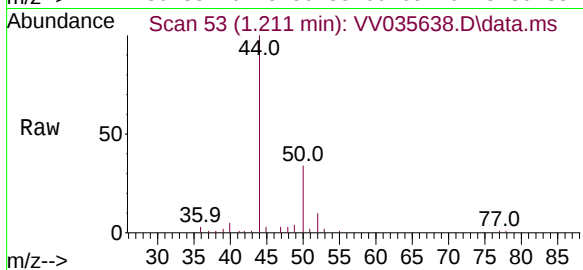
ClientSampleId :

Tgt Ion: 50 Resp: 3721

Ion Ratio Lower Upper

50 100

52 30.5 22.7 42.1



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.450 ug/L

RT: 2.053 min Scan# 315

Delta R.T. -0.010 min

Lab File: VV035638.D

Acq: 21 May 2024 15:10

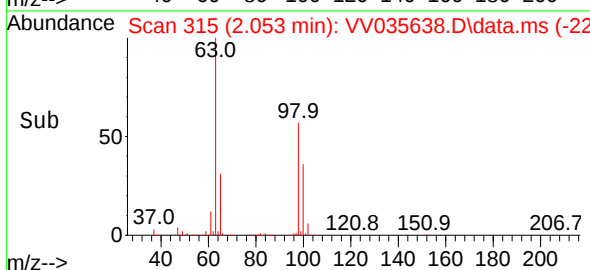
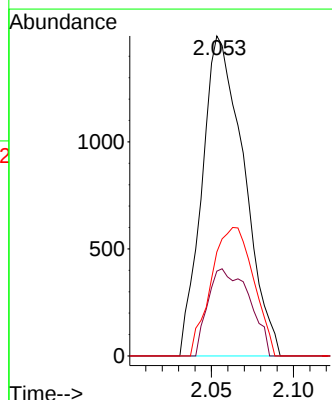
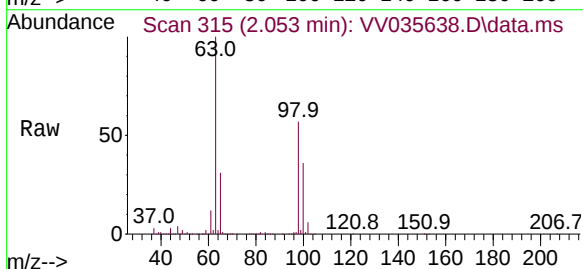
Tgt Ion: 101 Resp: 2649

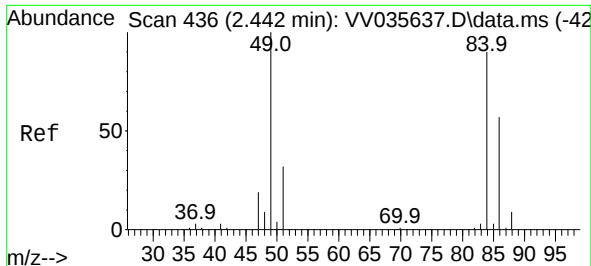
Ion Ratio Lower Upper

101 100

85 16.0 34.2 51.4#

151 40.6 59.5 89.3#

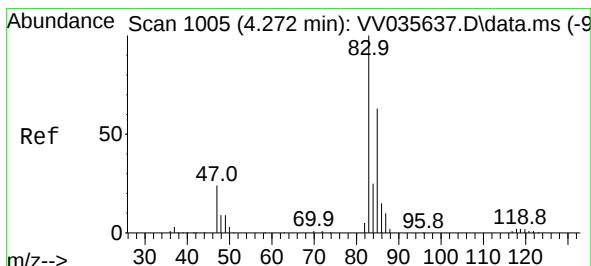
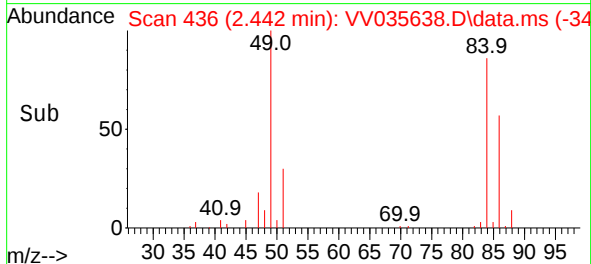
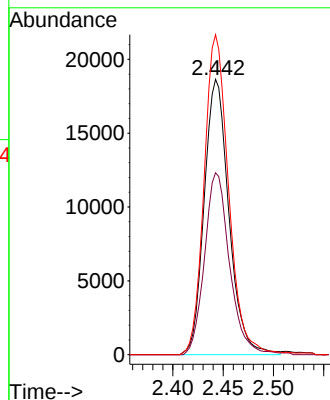
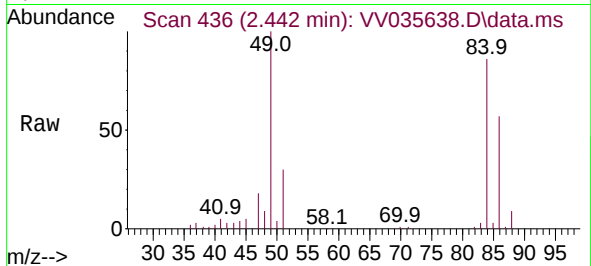




#16
Methylene chloride
Concen: 4.081 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV035638.D
Acq: 21 May 2024 15:10

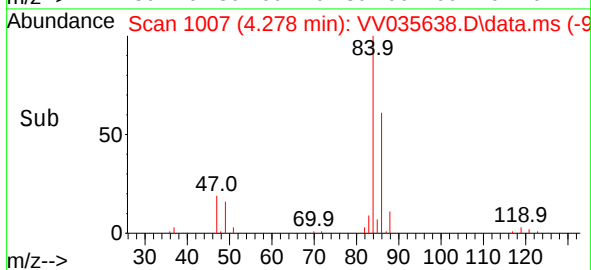
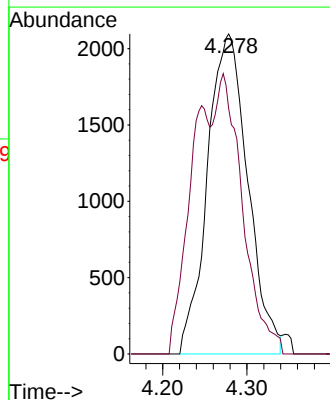
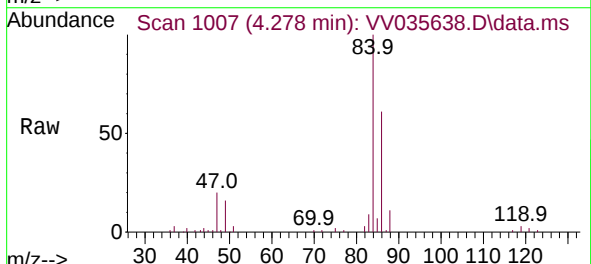
Instrument :
MSVOA_V
ClientSampleId :

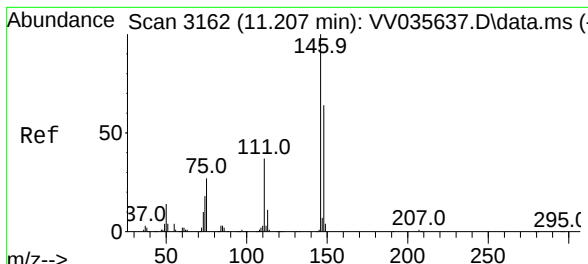
Tgt Ion: 84 Resp: 31895
Ion Ratio Lower Upper
84 100
86 66.1 43.8 81.3
49 116.2 75.3 139.9



#25
Chloroform
Concen: 0.610 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VV035638.D
Acq: 21 May 2024 15:10

Tgt Ion: 83 Resp: 6966
Ion Ratio Lower Upper
83 100
85 76.7 44.7 82.9

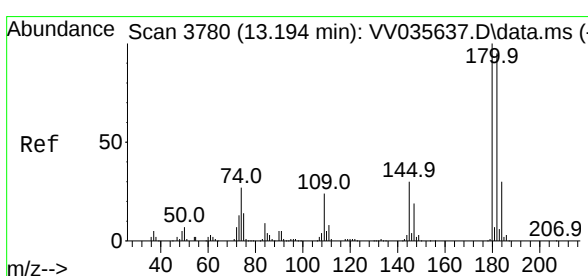
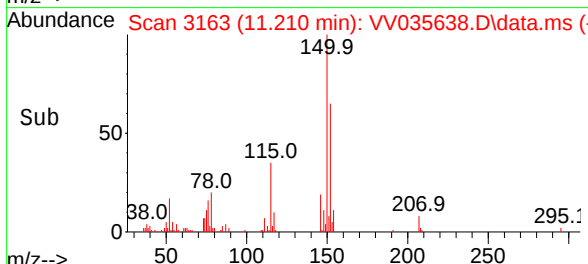
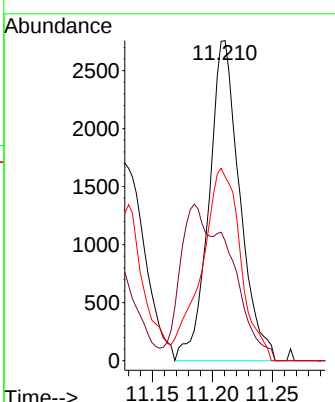
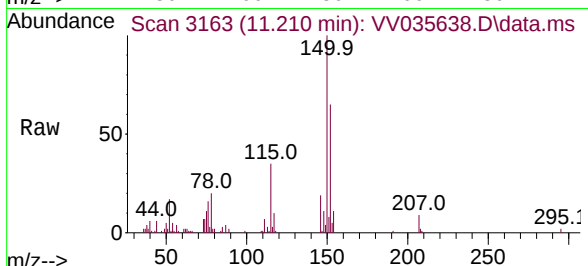




#65
 1,4-Dichlorobenzene
 Concen: 0.382 ug/L
 RT: 11.210 min Scan# 3163
 Delta R.T. 0.003 min
 Lab File: VV035638.D
 Acq: 21 May 2024 15:10

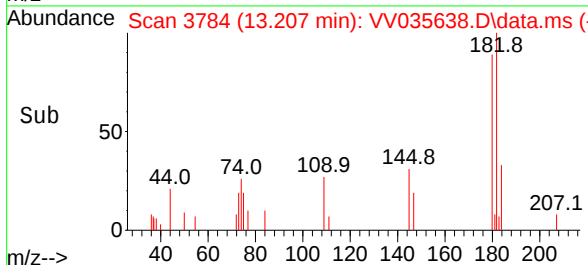
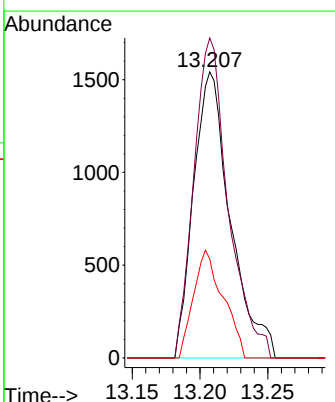
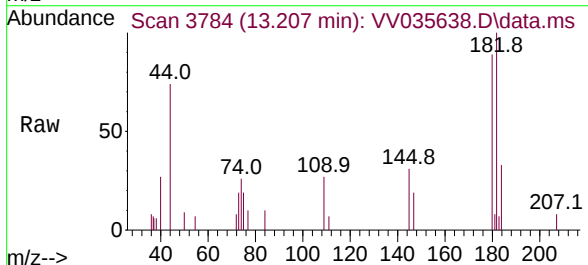
Instrument :
 MSVOA_V
 ClientSampleId :

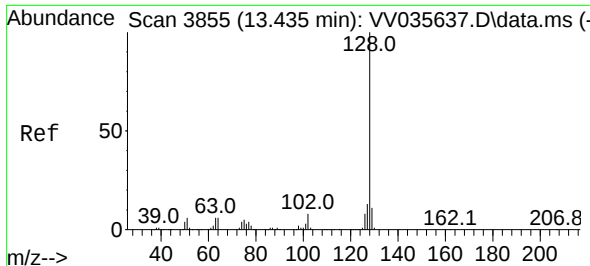
Tgt Ion:	146	Resp:	4922
Ion Ratio	Lower	Upper	
146	100		
111	37.4	26.2	48.6
148	57.5	44.9	83.3



#70
 1,2,4-trichlorobenzene
 Concen: 0.358 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. 0.013 min
 Lab File: VV035638.D
 Acq: 21 May 2024 15:10

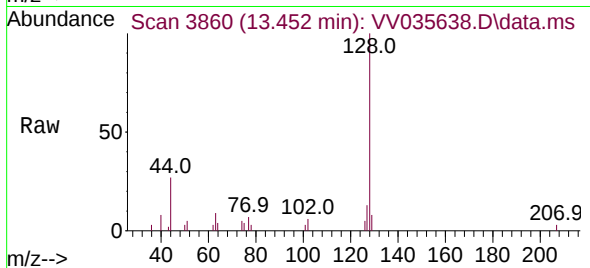
Tgt Ion:	180	Resp:	2909
Ion Ratio	Lower	Upper	
180	100		
182	103.7	76.6	114.8
145	30.3	23.2	34.8



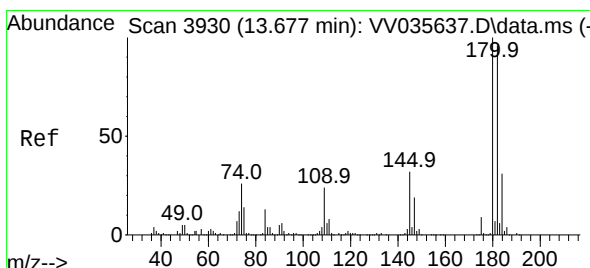
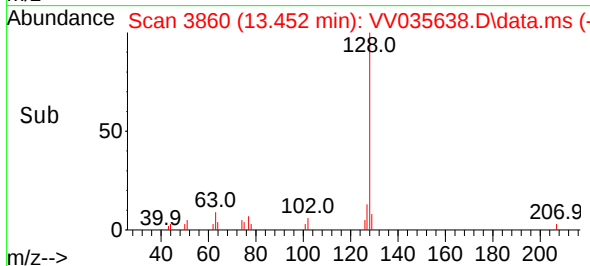
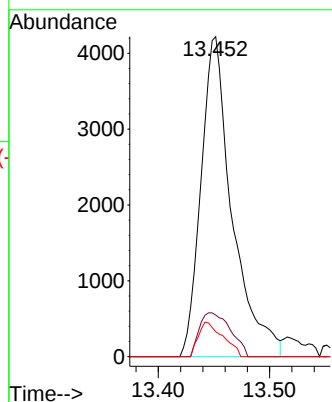


#71
Naphthalene
Concen: 0.575 ug/L
RT: 13.452 min Scan# 3860
Delta R.T. 0.016 min
Lab File: VV035638.D
Acq: 21 May 2024 15:10

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 8198
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 8.5 8.6 13.0#



#72
1,2,3-Trichlorobenzene
Concen: 0.358 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.010 min
Lab File: VV035638.D
Acq: 21 May 2024 15:10

Tgt Ion:180 Resp: 2617
Ion Ratio Lower Upper
180 100
182 96.7 75.8 113.6
145 37.8 25.2 37.8

