

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012224\
 Data File : VV033813.D
 Acq On : 22 Jan 2024 19:22
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 22 23:47:51 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)

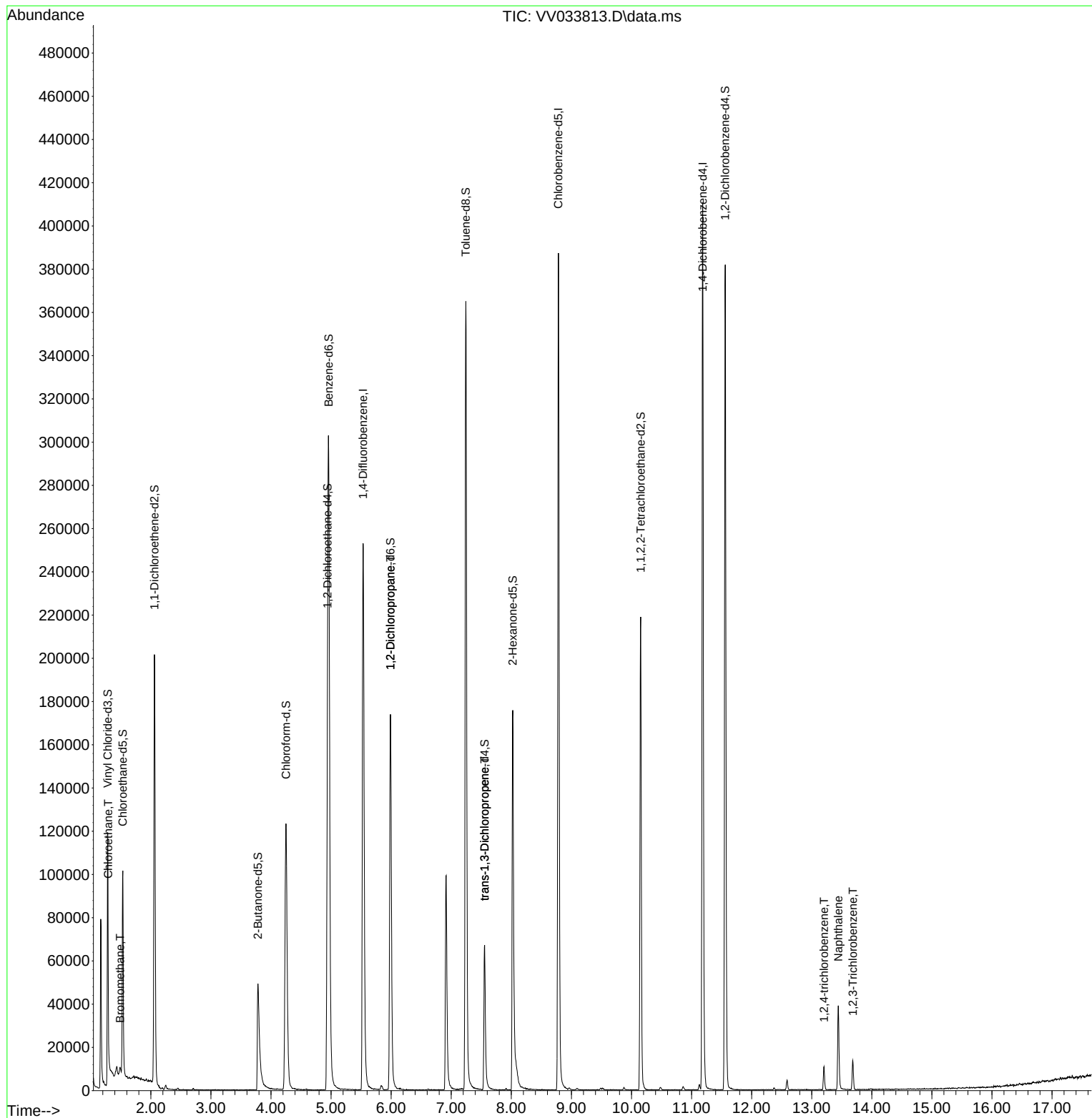
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	215378	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	203929	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	103016	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	70483	42.581	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.160%
7) Chloroethane-d5	1.532	69	60741	46.337	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.680%
11) 1,1-Dichloroethene-d2	2.060	65	33714	47.326	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.660%
21) 2-Butanone-d5	3.783	46	80905	71.259	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.260%
24) Chloroform-d	4.249	84	130622	44.131	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.260%
26) 1,2-Dichloroethane-d4	4.941	65	90218	47.175	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.340%
32) Benzene-d6	4.960	84	263868	45.514	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.020%
36) 1,2-Dichloropropane-d6	5.989	67	81665	42.793	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.580%
41) Toluene-d8	7.243	98	243756	46.664	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.320%
43) trans-1,3-Dichloroprop...	7.555	79	37701	39.973	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.940%
47) 2-Hexanone-d5	8.024	63	59746	75.476	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.480%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	101821	41.794	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.580%
66) 1,2-Dichlorobenzene-d4	11.561	152	94542	48.371	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.740%
Target Compounds						
					Qvalue	
6) Bromomethane	1.487	94	1510	1.482	ug/L	83
8) Chloroethane	1.288	64	14582	12.546	ug/L #	77
37) 1,2-Dichloropropane	5.989	63	10148	6.157	ug/L #	88
44) trans-1,3-Dichloropropene	7.555	75	2247	0.886	ug/L	90
70) 1,2,4-trichlorobenzene	13.204	180	3556	1.684	ug/L	97
71) Naphthalene	13.442	128	31400	5.691	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	4276	2.170	ug/L	96

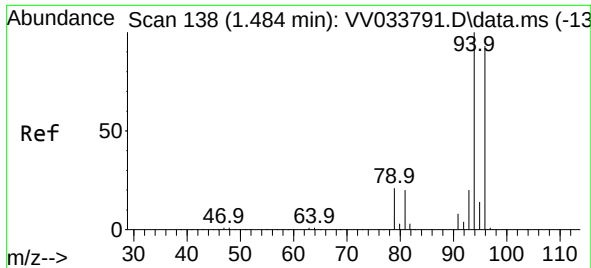
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Jan 22 23:41:48 2024
Response via : Initial Calibration

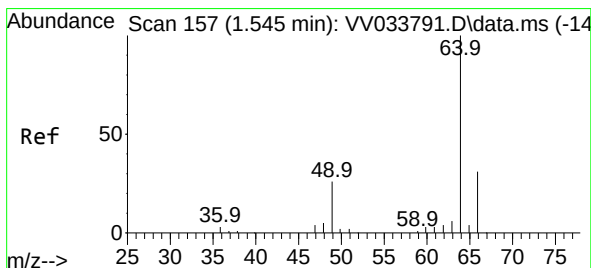
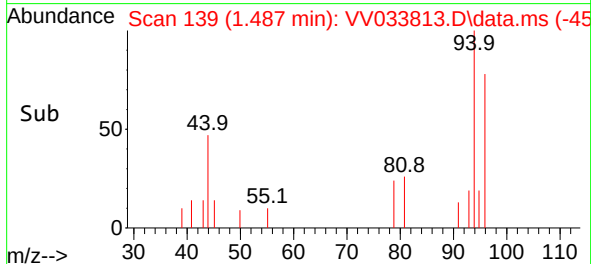
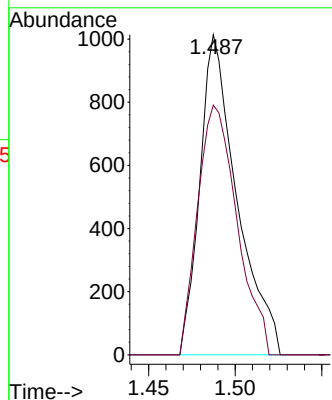
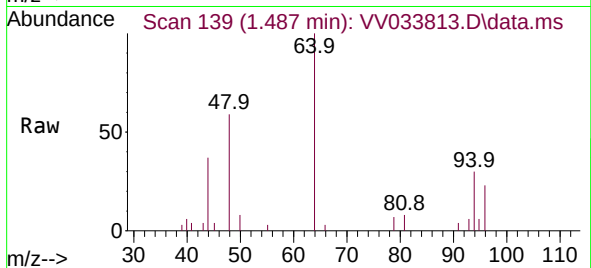




#6
Bromomethane
Concen: 1.482 ug/L
RT: 1.487 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV033813.D
Acq: 22 Jan 2024 19:22

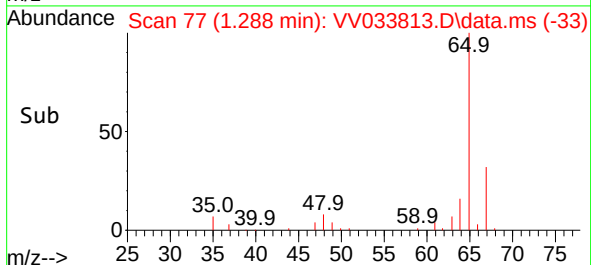
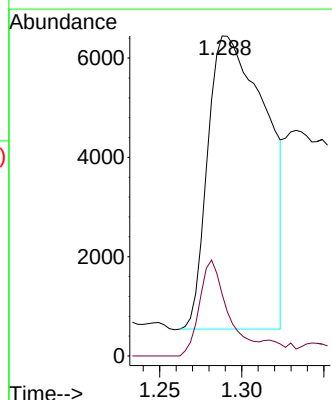
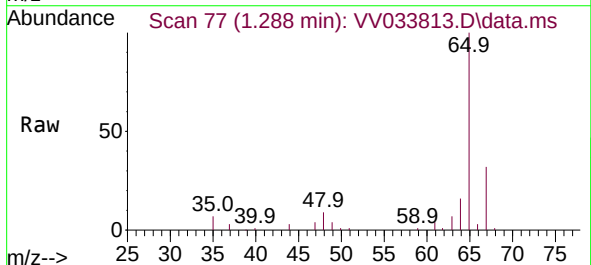
Instrument :
MSVOA_V
ClientSampleId :

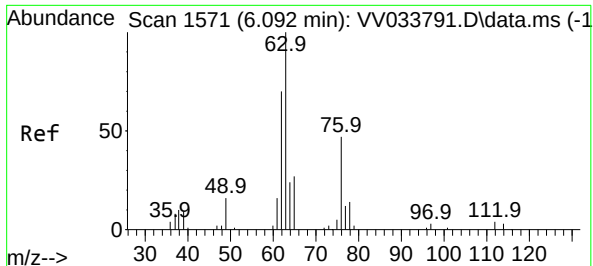
Tgt Ion: 94 Resp: 1510
Ion Ratio Lower Upper
94 100
96 78.0 66.4 123.2



#8
Chloroethane
Concen: 12.546 ug/L
RT: 1.288 min Scan# 77
Delta R.T. -0.257 min
Lab File: VV033813.D
Acq: 22 Jan 2024 19:22

Tgt Ion: 64 Resp: 14582
Ion Ratio Lower Upper
64 100
66 19.3 22.5 41.9#





#37

1,2-Dichloropropane

Concen: 6.157 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV033813.D

Acq: 22 Jan 2024 19:22

Instrument :

MSVOA_V

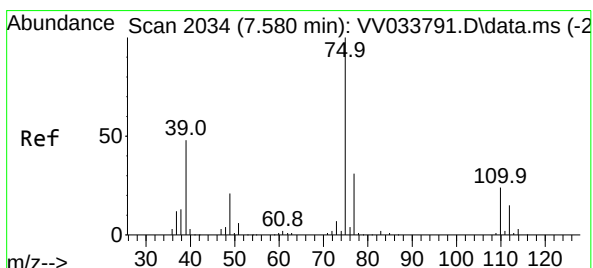
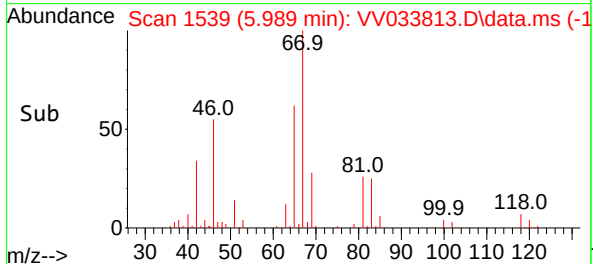
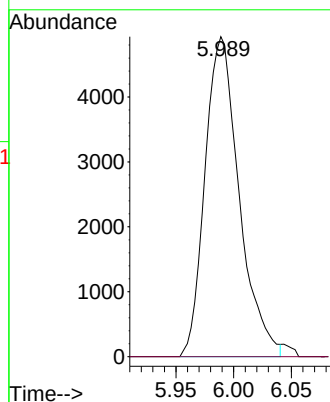
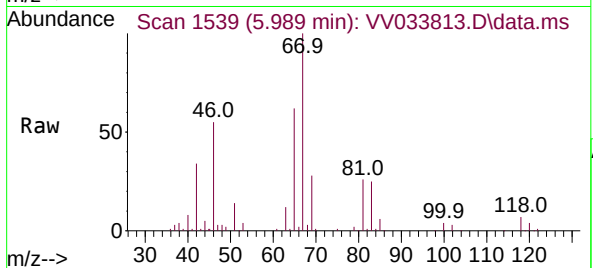
ClientSampleId :

Tgt Ion: 63 Resp: 10148

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#44

trans-1,3-Dichloropropene

Concen: 0.886 ug/L

RT: 7.555 min Scan# 2026

Delta R.T. -0.026 min

Lab File: VV033813.D

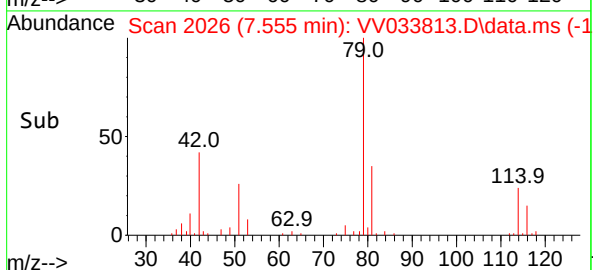
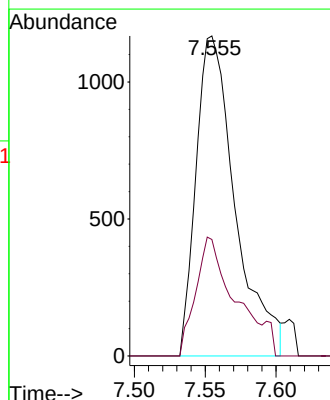
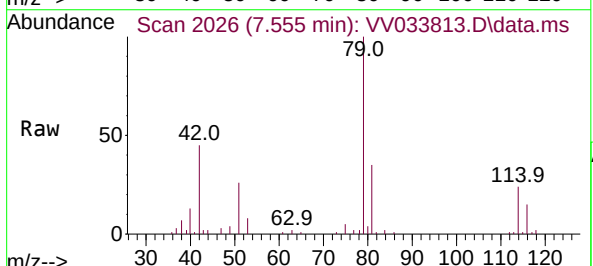
Acq: 22 Jan 2024 19:22

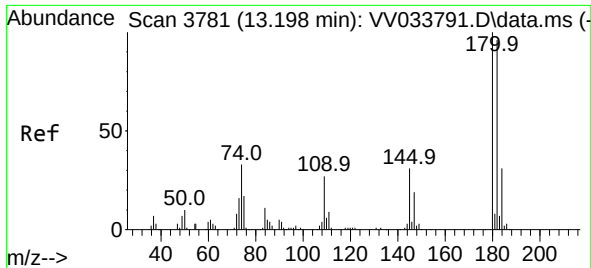
Tgt Ion: 75 Resp: 2247

Ion Ratio Lower Upper

75 100

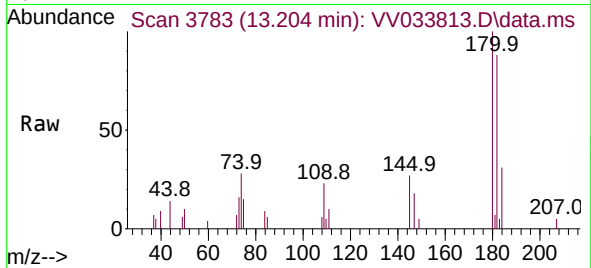
77 36.4 21.6 40.0



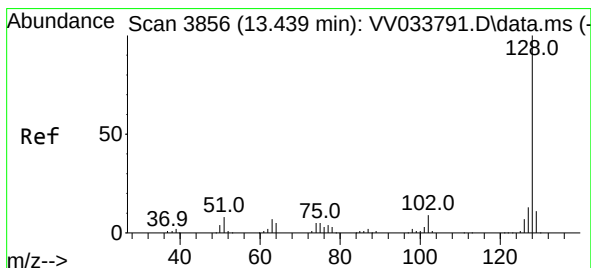
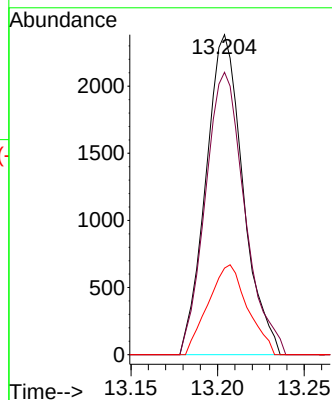
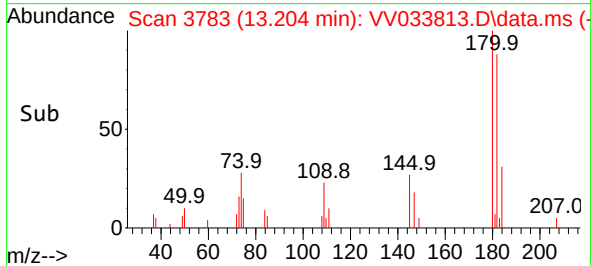


#70
1,2,4-trichlorobenzene
Concen: 1.684 ug/L
RT: 13.204 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV033813.D
Acq: 22 Jan 2024 19:22

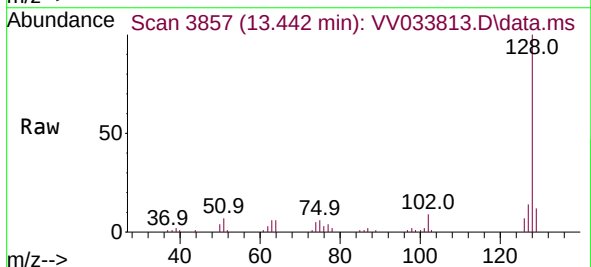
Instrument :
MSVOA_V
ClientSampleId :



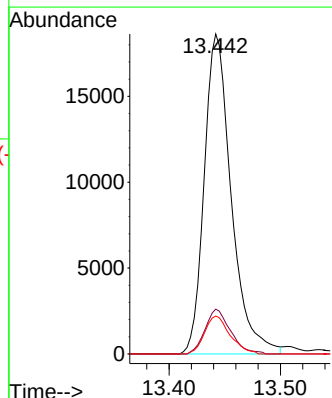
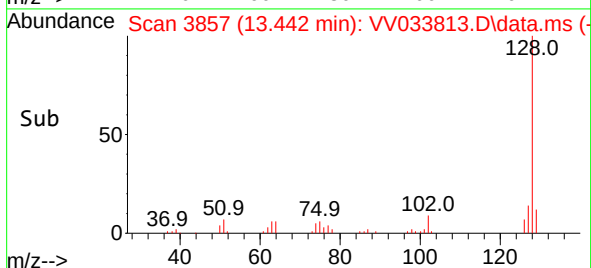
Tgt Ion:180 Resp: 3556
Ion Ratio Lower Upper
180 100
182 93.1 76.3 114.5
145 29.7 25.4 38.0

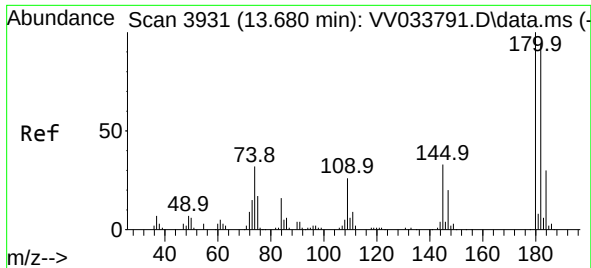


#71
Naphthalene
Concen: 5.691 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.003 min
Lab File: VV033813.D
Acq: 22 Jan 2024 19:22



Tgt Ion:128 Resp: 31400
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.2 8.6 13.0





#72

1,2,3-Trichlorobenzene

Concen: 2.170 ug/L

RT: 13.683 min Scan# 3931

Delta R.T. 0.003 min

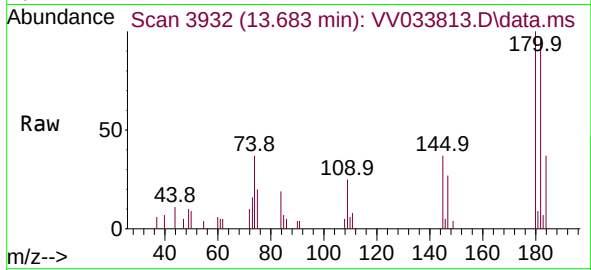
Lab File: VV033813.D

Acq: 22 Jan 2024 19:22

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 4276

Ion Ratio Lower Upper

180 100

182 91.3 76.0 114.0

145 35.5 26.3 39.5

