

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121823\
 Data File : VW033463.D
 Acq On : 18 Dec 2023 17:50
 Operator : SY/MD
 Sample : 05835-01 100X
 Misc : 4.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 19 01:14:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 20:24:09 2023
 Response via : Initial Calibration

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

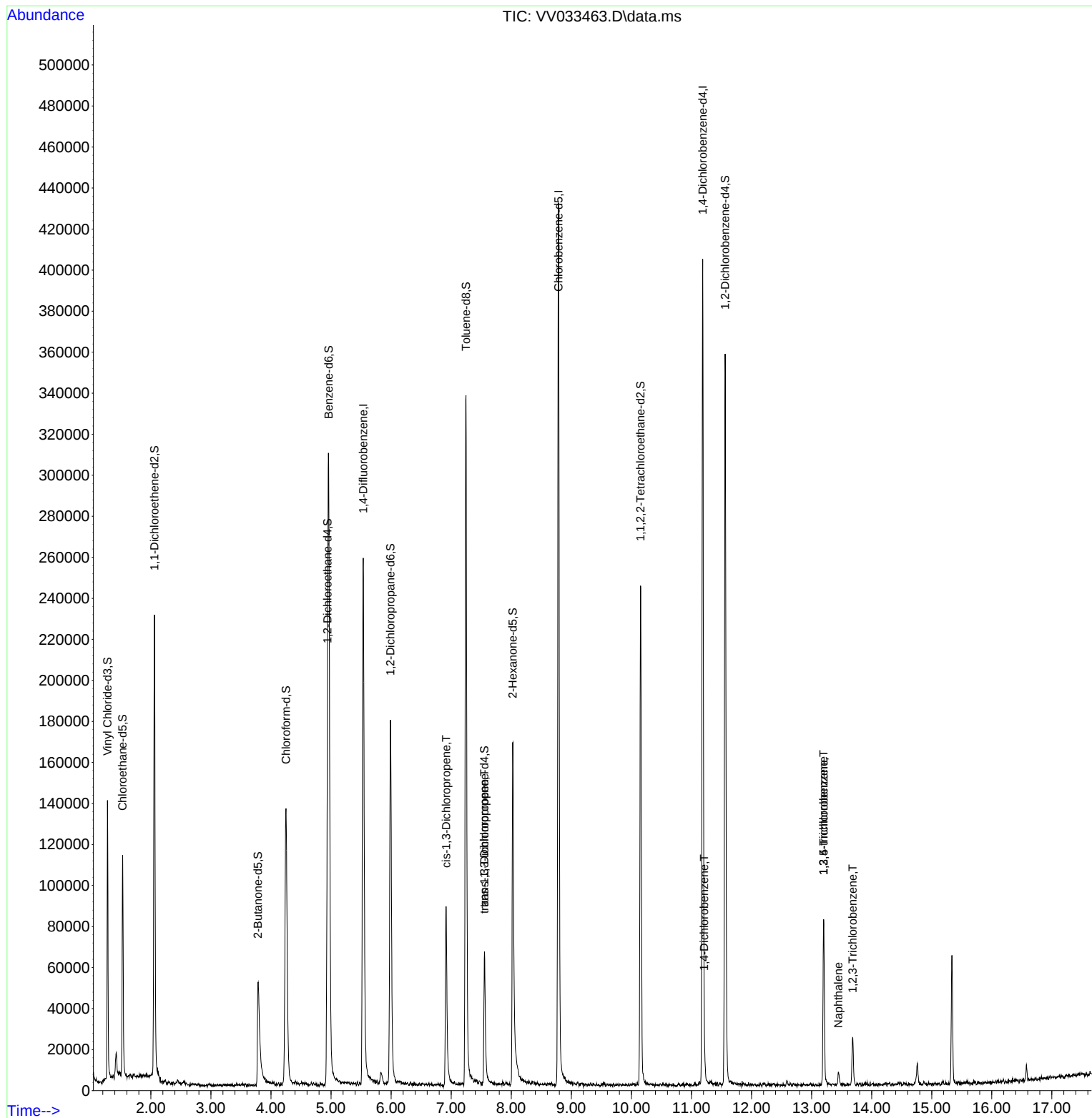
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	222303	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	230213	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	99845	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	84545	49.386	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.780%
7) Chloroethane-d5	1.529	69	71960	46.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.680%
11) 1,1-Dichloroethene-d2	2.059	65	37601	44.123	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.240%
21) 2-Butanone-d5	3.783	46	76996	89.240	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.240%
24) Chloroform-d	4.249	84	142516	42.085	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.180%
26) 1,2-Dichloroethane-d4	4.940	65	89406	42.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.960%
32) Benzene-d6	4.960	84	268104	43.240	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.480%
36) 1,2-Dichloropropane-d6	5.989	67	82537	43.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.720%
41) Toluene-d8	7.246	98	225615	39.767	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.540%#
43) trans-1,3-Dichloroprop...	7.554	79	36727	39.823	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.640%
47) 2-Hexanone-d5	8.024	63	54848	86.656	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.660%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	112108	41.450	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.900%
66) 1,2-Dichlorobenzene-d4	11.561	152	87695	46.739	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.480%
Target Compounds						
					Qvalue	
39) cis-1,3-Dichloropropene	6.918	75	2894	1.195	ug/L	90
44) trans-1,3-Dichloropropene	7.551	75	2029	0.835	ug/L	89
65) 1,4-Dichlorobenzene	11.213	146	2830	0.892	ug/L	87
69) 1,3,5-Trichlorobenzene	13.201	180	22318	10.951	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	22318	12.528	ug/L	97
71) Naphthalene	13.445	128	4522	0.943	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	6764	3.882	ug/L	98

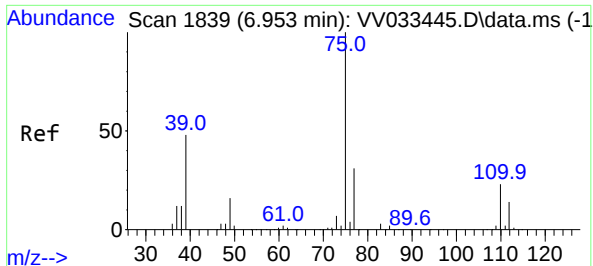
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 16 20:24:09 2023
Response via : Initial Calibration





#39

cis-1,3-Dichloropropene

Concen: 1.195 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV033463.D

Acq: 18 Dec 2023 17:50

Instrument :

MSVOA_V

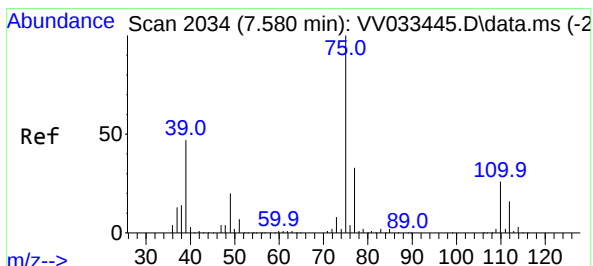
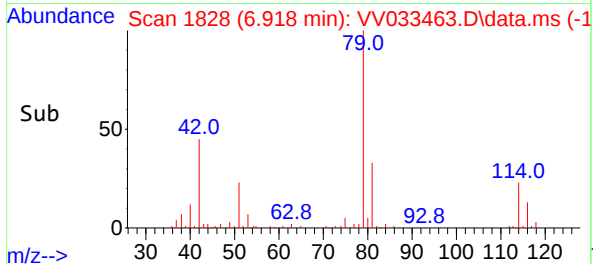
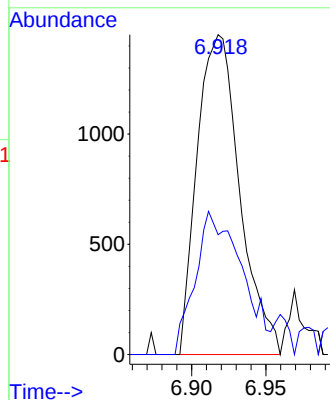
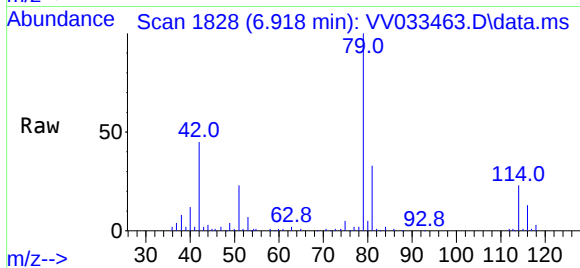
ClientSampleId :

Tgt Ion: 75 Resp: 2894

Ion Ratio Lower Upper

75 100

77 37.5 22.3 41.3



#44

trans-1,3-Dichloropropene

Concen: 0.835 ug/L

RT: 7.551 min Scan# 2025

Delta R.T. -0.029 min

Lab File: VV033463.D

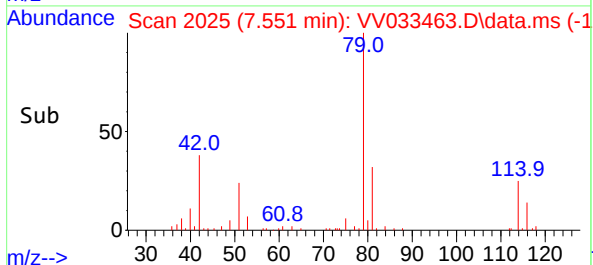
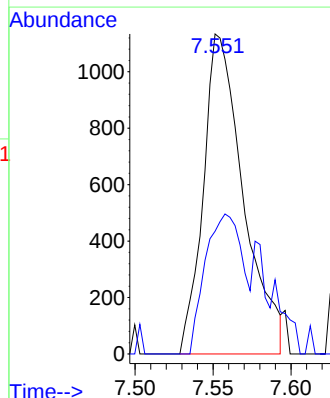
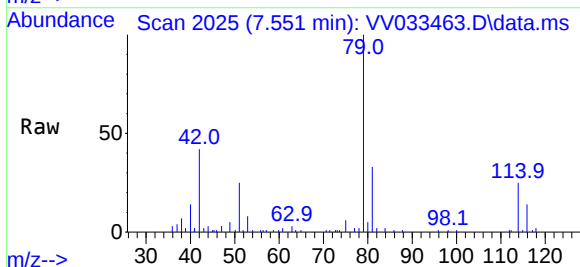
Acq: 18 Dec 2023 17:50

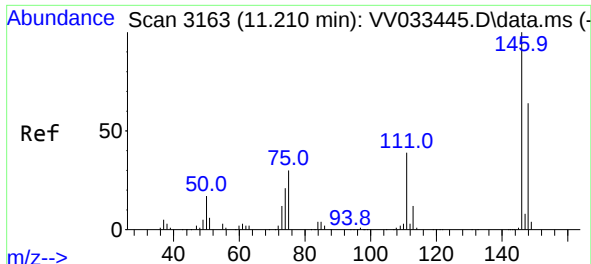
Tgt Ion: 75 Resp: 2029

Ion Ratio Lower Upper

75 100

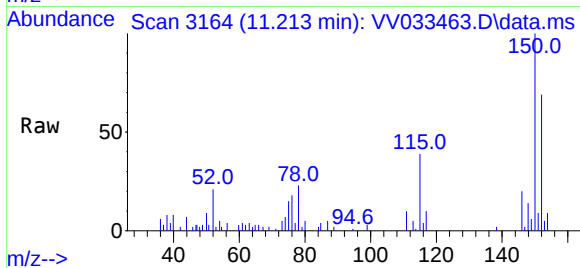
77 38.4 22.4 41.6



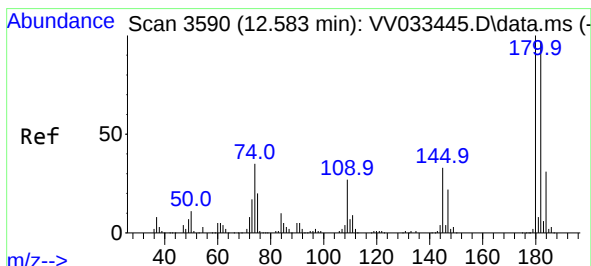
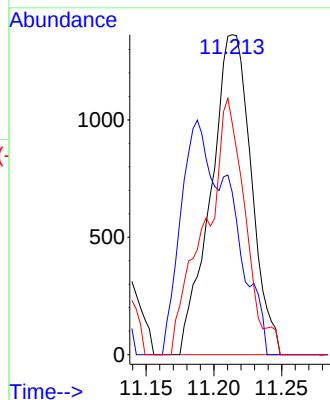
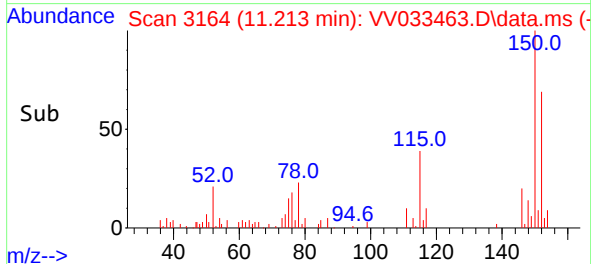


#65
1,4-Dichlorobenzene
Concen: 0.892 ug/L
RT: 11.213 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033463.D
Acq: 18 Dec 2023 17:50

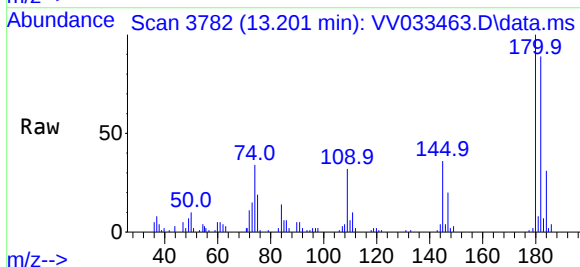
Instrument :
MSVOA_V
ClientSampleId :



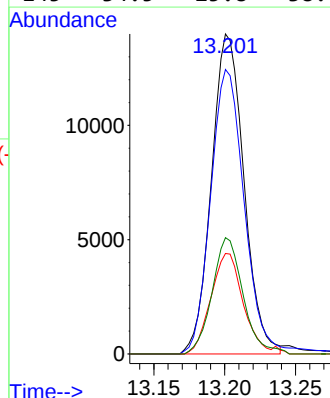
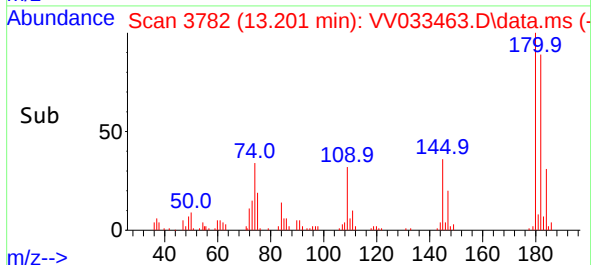
Tgt Ion:146 Resp: 2830
Ion Ratio Lower Upper
146 100
111 50.8 27.9 51.7
148 72.4 45.5 84.5

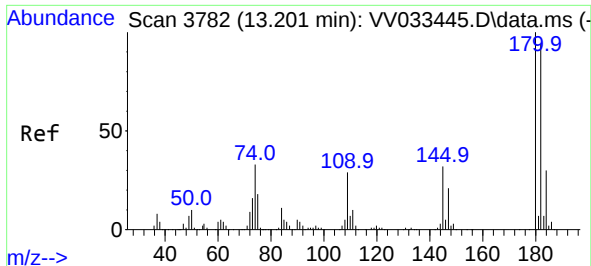


#69
1,3,5-Trichlorobenzene
Concen: 10.951 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.617 min
Lab File: VV033463.D
Acq: 18 Dec 2023 17:50



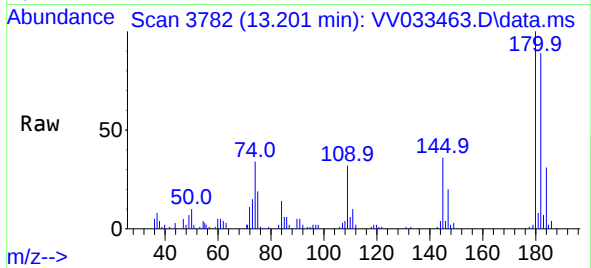
Tgt Ion:180 Resp: 22318
Ion Ratio Lower Upper
180 100
182 92.9 76.2 114.4
184 31.0 24.4 36.6
145 34.5 25.8 38.6



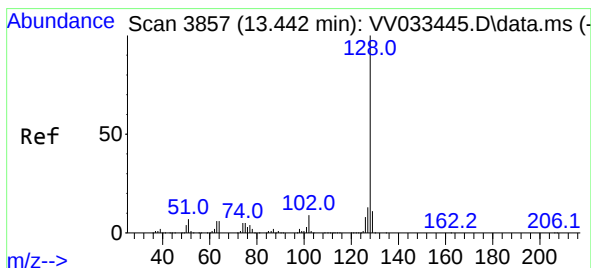
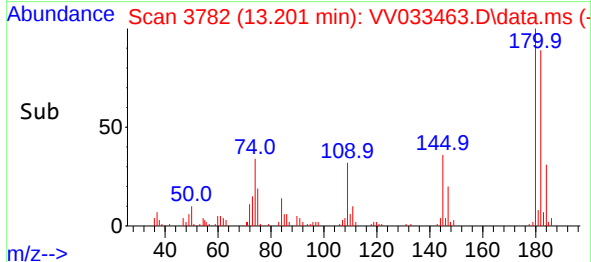
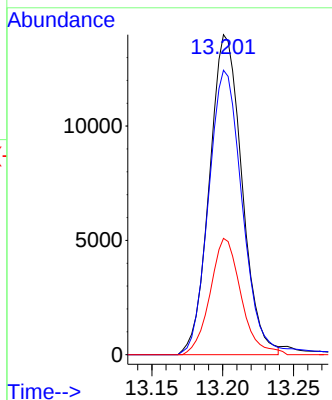


#70
1,2,4-trichlorobenzene
Concen: 12.528 ug/L
RT: 13.201 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV033463.D
Acq: 18 Dec 2023 17:50

Instrument :
MSVOA_V
ClientSampleId :

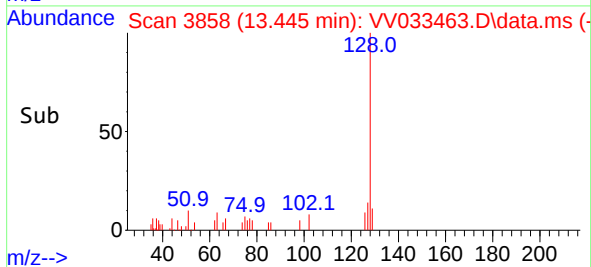
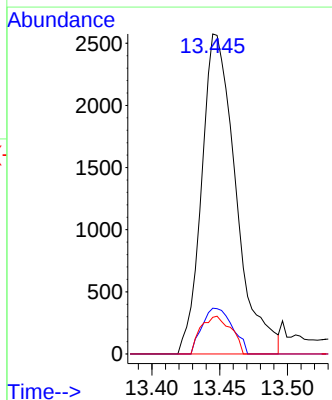
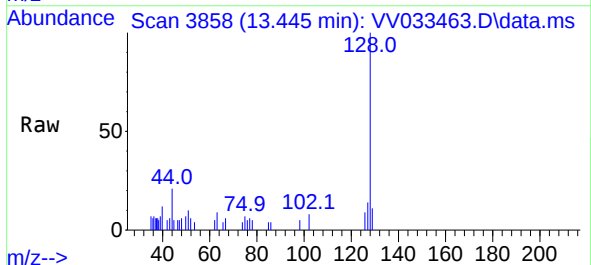


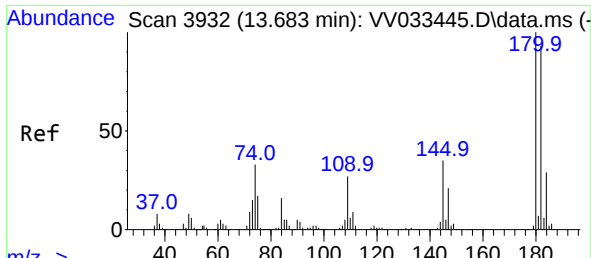
Tgt Ion:180 Resp: 22318
Ion Ratio Lower Upper
180 100
182 92.9 76.1 114.1
145 34.5 25.6 38.4



#71
Naphthalene
Concen: 0.943 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.006 min
Lab File: VV033463.D
Acq: 18 Dec 2023 17:50

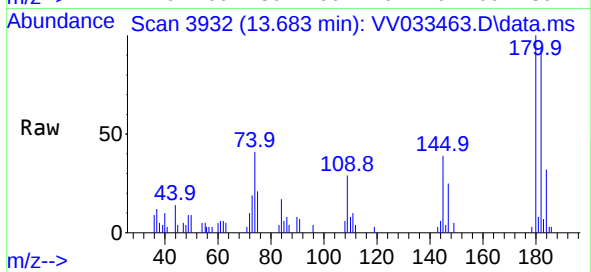
Tgt Ion:128 Resp: 4522
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.4 8.8 13.2





#72
1,2,3-Trichlorobenzene
Concen: 3.882 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV033463.D
Acq: 18 Dec 2023 17:50

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	180	Resp:	6764
Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.2	114.2
145	36.7	27.1	40.7

