

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111323\
 Data File : VV032944.D
 Acq On : 13 Nov 2023 20:30
 Operator : SY/MD
 Sample : VV1113MBL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 14 01:12:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 14 01:11:23 2023
 Response via : Initial Calibration

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

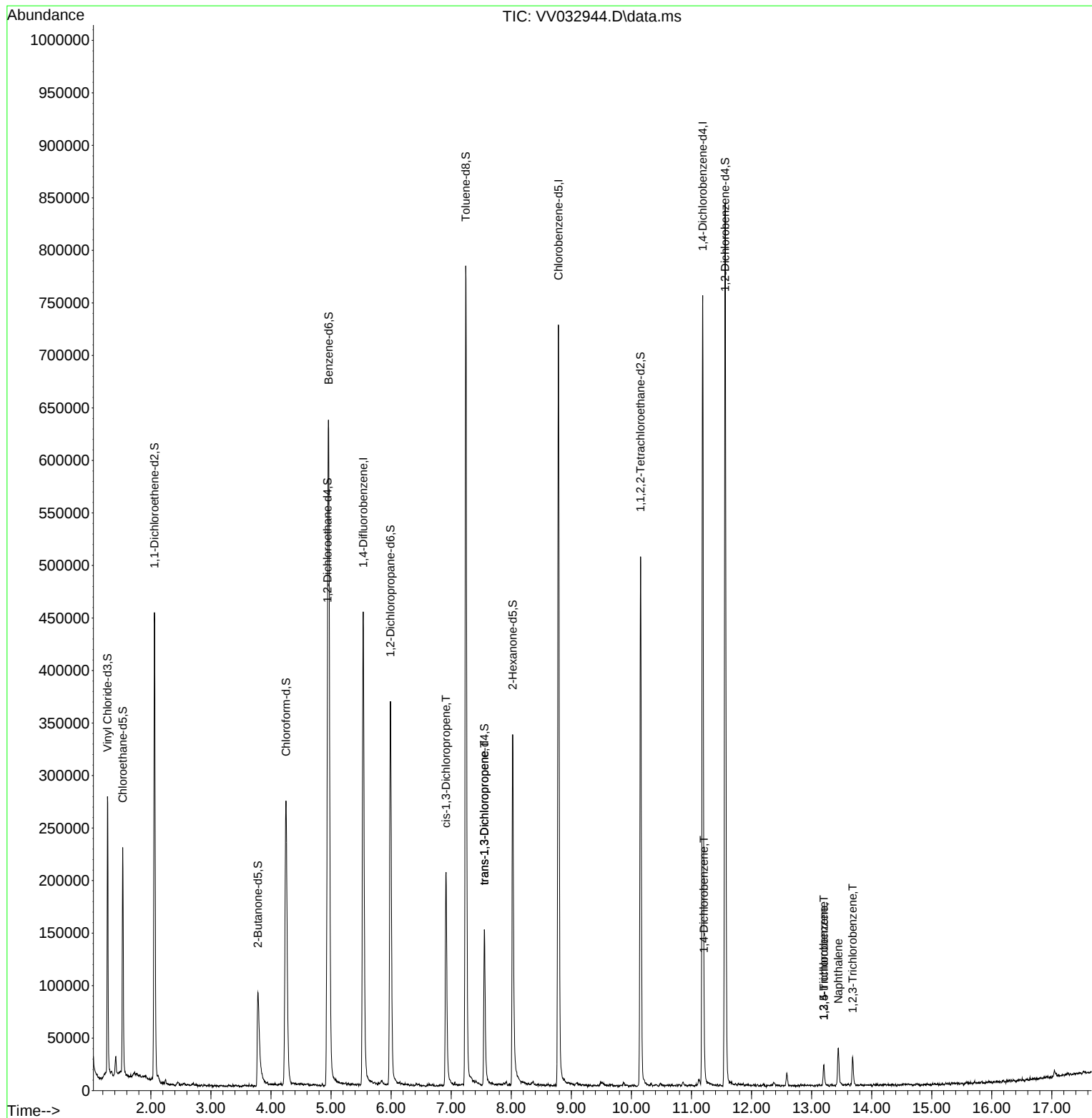
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	398453	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	401945	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	193724	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	166162	49.306	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	98.620%	
7) Chloroethane-d5	1.532	69	138442	49.582	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	99.160%	
11) 1,1-Dichloroethene-d2	2.060	65	73056	49.756	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	99.520%	
21) 2-Butanone-d5	3.783	46	138870	96.135	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	96.140%	
24) Chloroform-d	4.249	84	288908	49.624	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.240%	
26) 1,2-Dichloroethane-d4	4.940	65	184312	52.029	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.060%	
32) Benzene-d6	4.960	84	577393	52.669	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	105.340%	
36) 1,2-Dichloropropane-d6	5.989	67	171930	53.955	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	107.920%	
41) Toluene-d8	7.243	98	524555	51.899	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.800%	
43) trans-1,3-Dichloroprop...	7.551	79	85780	50.707	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	101.420%	
47) 2-Hexanone-d5	8.024	63	112960	96.763	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	96.760%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	234451	50.226	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	100.460%	
66) 1,2-Dichlorobenzene-d4	11.561	152	210941	56.038	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	112.080%	
Target Compounds						
					Qvalue	
39) cis-1,3-Dichloropropene	6.915	75	5890	1.299	ug/L	# 59
44) trans-1,3-Dichloropropene	7.551	75	4304	0.977	ug/L	89
65) 1,4-Dichlorobenzene	11.210	146	4274	0.666	ug/L	95
69) 1,3,5-Trichlorobenzene	13.204	180	5447	1.214	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	5447	1.351	ug/L	97
71) Naphthalene	13.445	128	29926	2.825	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	7466	1.840	ug/L	99

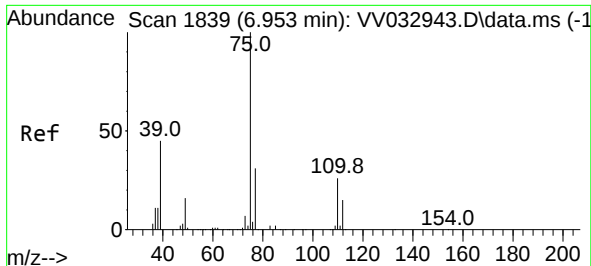
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 14 01:11:23 2023
Response via : Initial Calibration





#39

cis-1,3-Dichloropropene

Concen: 1.299 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV032944.D

Acq: 13 Nov 2023 20:30

Instrument :

MSVOA_V

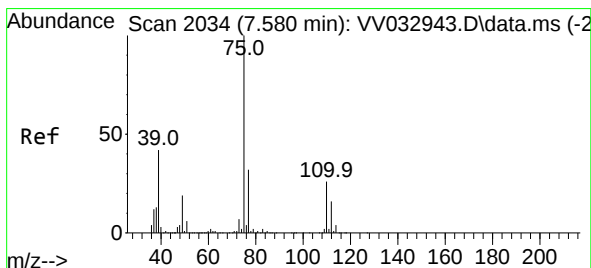
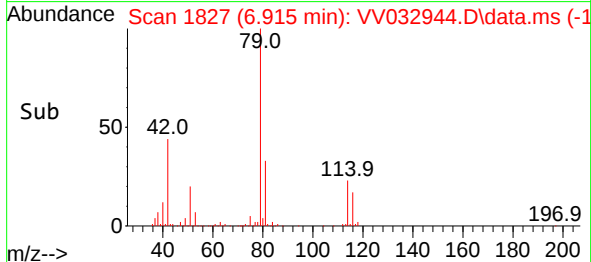
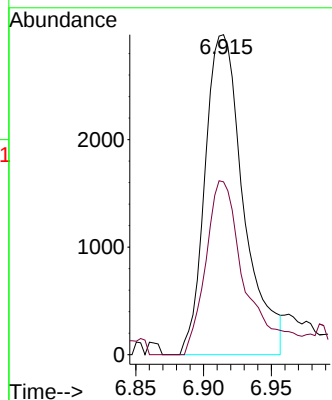
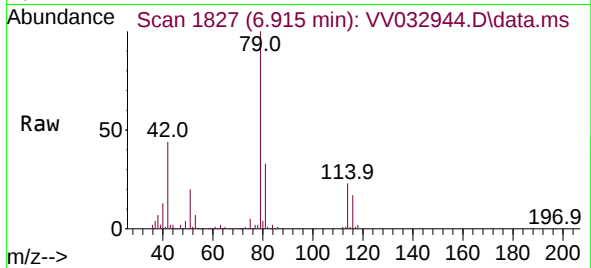
ClientSampleId :

Tgt Ion: 75 Resp: 5890

Ion Ratio Lower Upper

75 100

77 54.0 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.977 ug/L

RT: 7.551 min Scan# 2025

Delta R.T. -0.029 min

Lab File: VV032944.D

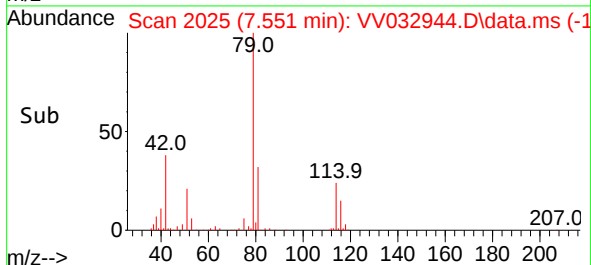
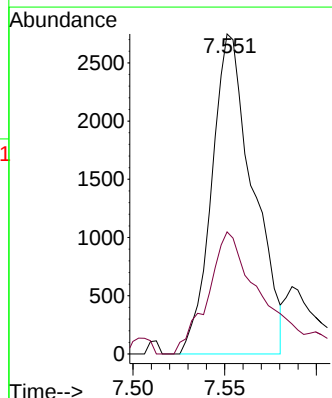
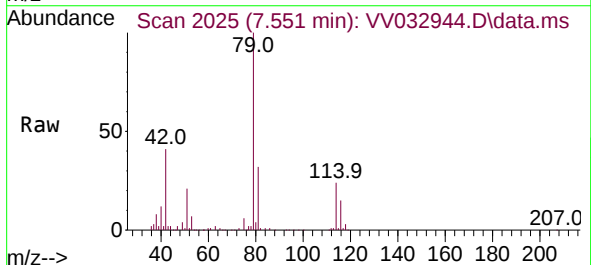
Acq: 13 Nov 2023 20:30

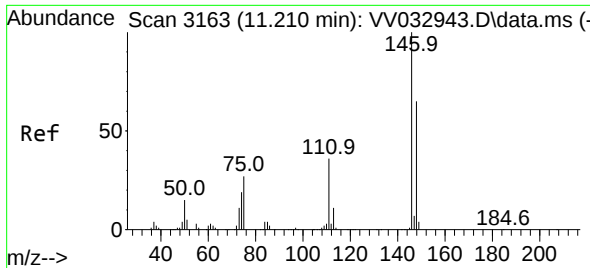
Tgt Ion: 75 Resp: 4304

Ion Ratio Lower Upper

75 100

77 38.2 22.3 41.3

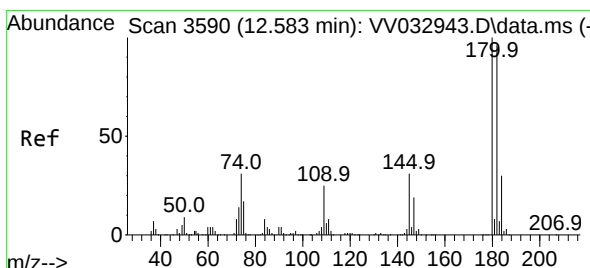
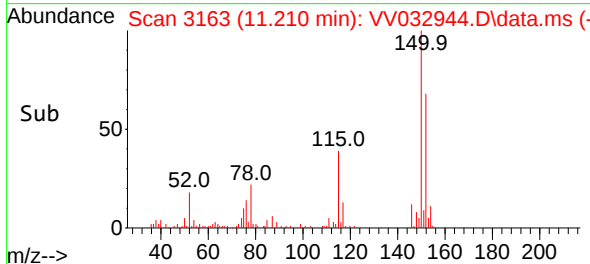
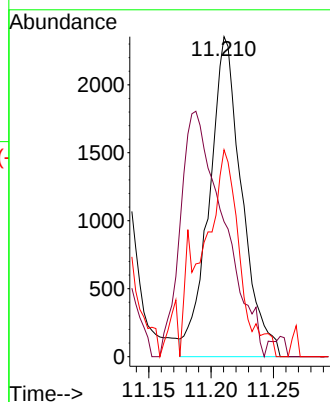
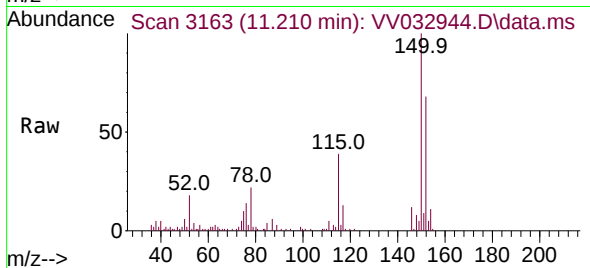




#65
1,4-Dichlorobenzene
Concen: 0.666 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032944.D
Acq: 13 Nov 2023 20:30

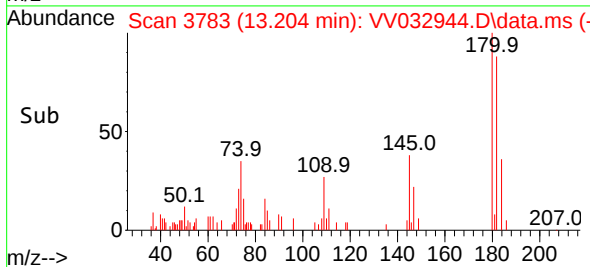
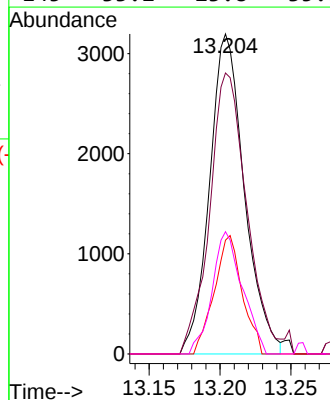
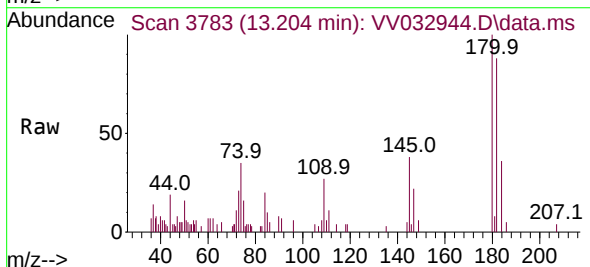
Instrument :
MSVOA_V
ClientSampleId :

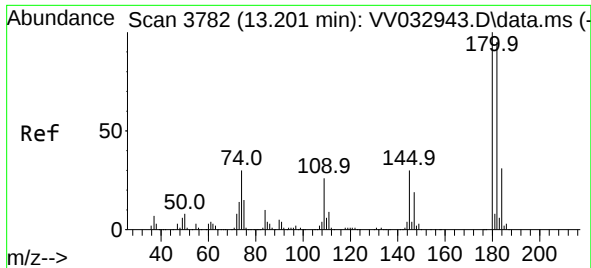
Tgt Ion:	146	Resp:	4274
Ion	Ratio	Lower	Upper
146	100		
111	42.2	25.5	47.3
148	64.7	44.4	82.5



#69
1,3,5-Trichlorobenzene
Concen: 1.214 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.621 min
Lab File: VV032944.D
Acq: 13 Nov 2023 20:30

Tgt Ion:	180	Resp:	5447
Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.9	113.9
184	29.8	24.6	36.8
145	33.2	23.8	35.8

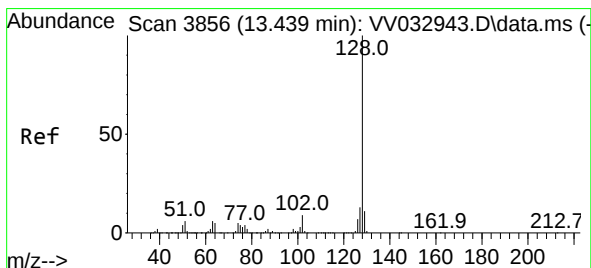
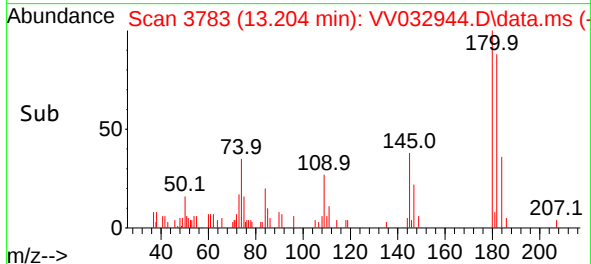
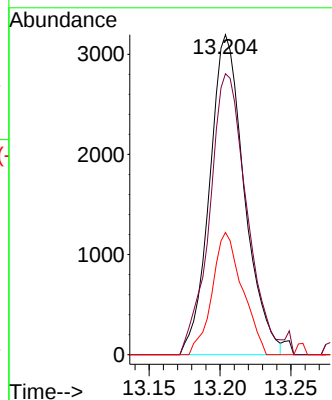
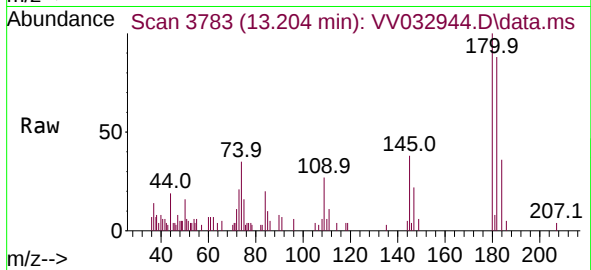




#70
1,2,4-trichlorobenzene
Concen: 1.351 ug/L
RT: 13.204 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV032944.D
Acq: 13 Nov 2023 20:30

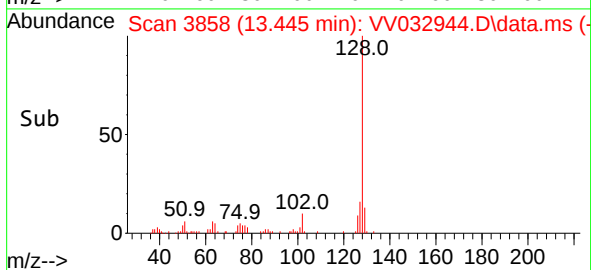
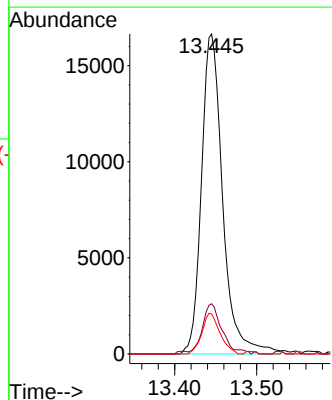
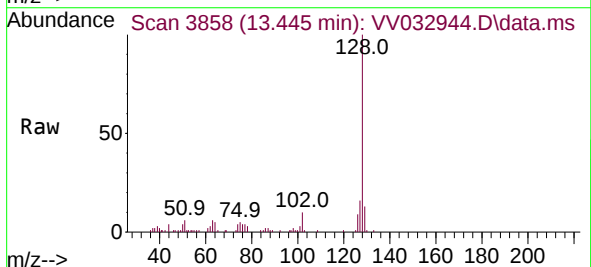
Instrument :
MSVOA_V
ClientSampleId :

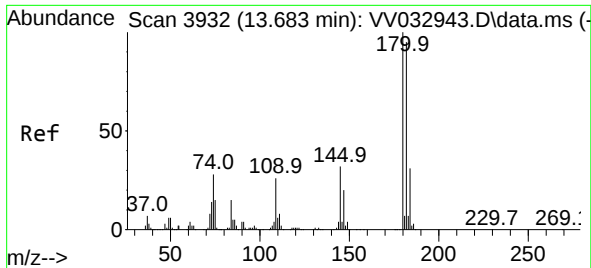
Tgt Ion:180 Resp: 5447
Ion Ratio Lower Upper
180 100
182 93.4 77.0 115.4
145 33.2 24.3 36.5



#71
Naphthalene
Concen: 2.825 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.006 min
Lab File: VV032944.D
Acq: 13 Nov 2023 20:30

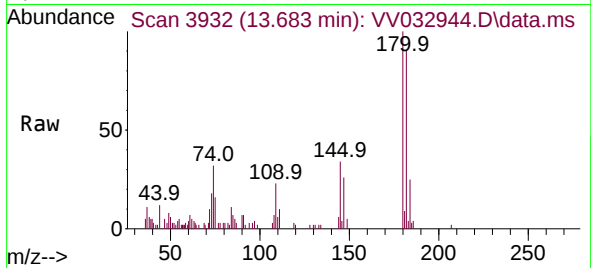
Tgt Ion:128 Resp: 29926
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 1.840 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.000 min
 Lab File: VV032944.D
 Acq: 13 Nov 2023 20:30

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	7466
Ion Ratio	Lower	Upper	
180	100		
182	96.2	76.9	115.3
145	34.0	26.1	39.1

