

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120423\
 Data File : VV033092.D
 Acq On : 04 Dec 2023 11:20
 Operator : SY/MD
 Sample : 04929-10MEDL 4X
 Misc : 4.65G/5.0/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 05 03:22:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 05 03:20:48 2023
 Response via : Initial Calibration

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

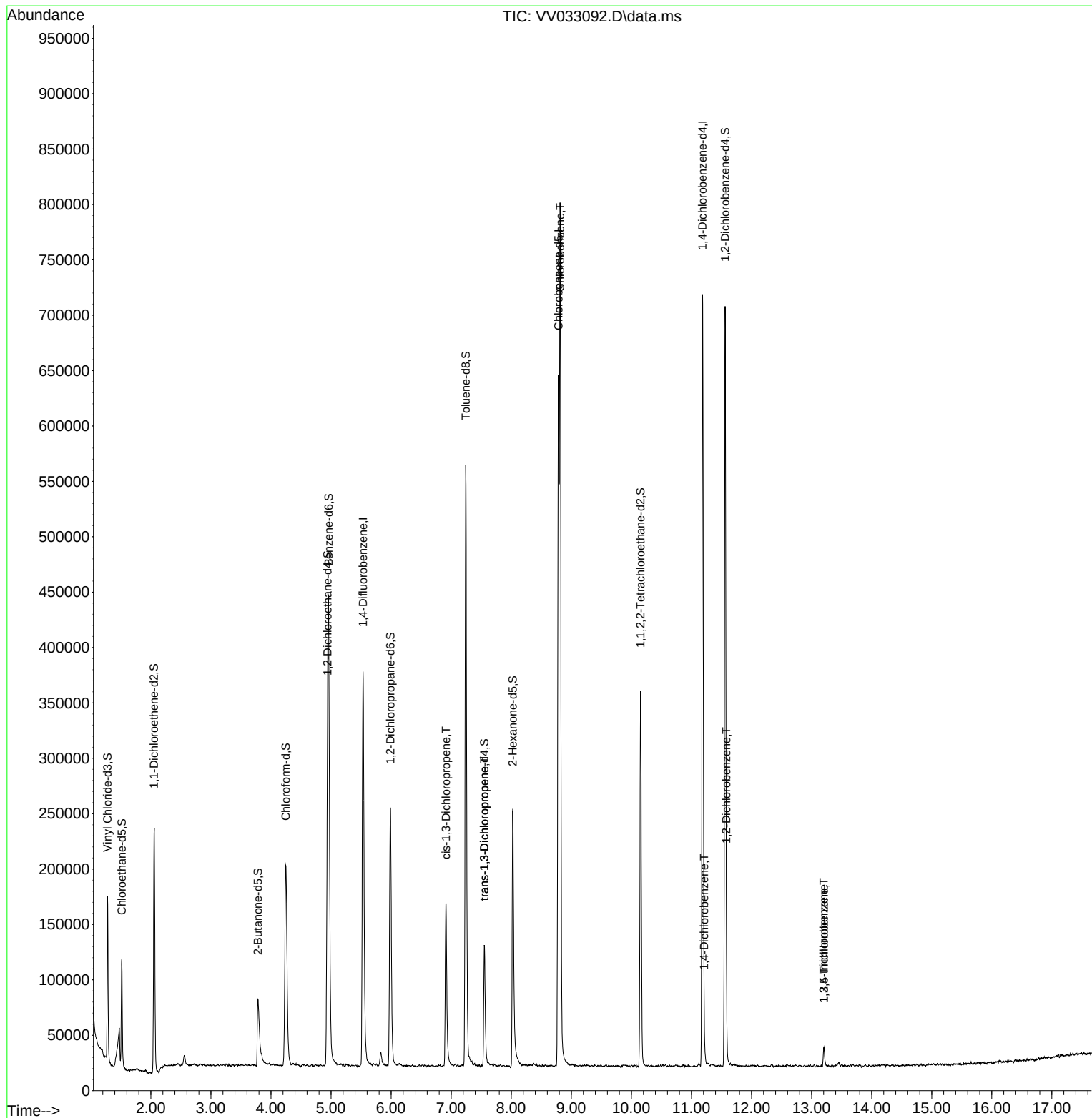
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	324427	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	332444	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	189645	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	95075	49.022	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.040%
7) Chloroethane-d5	1.516	69	65441	48.427	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.860%
11) 1,1-Dichloroethene-d2	2.053	65	35802	48.525	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.060%
21) 2-Butanone-d5	3.783	46	91743	95.241	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.240%
24) Chloroform-d	4.246	84	201357	48.923	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.840%
26) 1,2-Dichloroethane-d4	4.940	65	132808	51.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.800%
32) Benzene-d6	4.960	84	389038	50.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.080%
36) 1,2-Dichloropropane-d6	5.989	67	106017	50.713	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.420%
41) Toluene-d8	7.243	98	365039	49.216	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.440%
43) trans-1,3-Dichloroprop...	7.551	79	64441	48.747	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.500%
47) 2-Hexanone-d5	8.024	63	83143	98.998	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.000%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	148204	49.870	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.740%
66) 1,2-Dichlorobenzene-d4	11.561	152	180647	53.537	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.080%
Target Compounds						Qvalue
39) cis-1,3-Dichloropropene	6.915	75	4680	1.323	ug/L	# 73
44) trans-1,3-Dichloropropene	7.551	75	3404	0.952	ug/L	95
51) Chlorobenzene	8.815	112	418572	62.701	ug/L	99
65) 1,4-Dichlorobenzene	11.213	146	4228	0.697	ug/L	91
67) 1,2-Dichlorobenzene	11.580	146	4953	0.865	ug/L	# 91
69) 1,3,5-Trichlorobenzene	13.204	180	5923	1.266	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	5923	1.370	ug/L	100

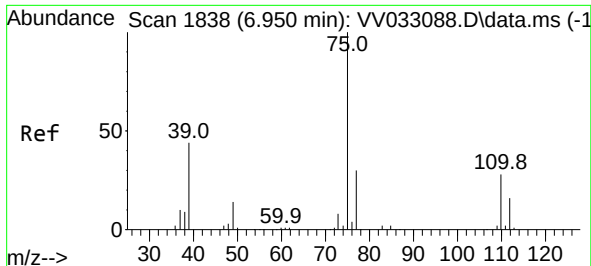
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 05 03:22:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 05 03:20:48 2023
Response via : Initial Calibration





#39

cis-1,3-Dichloropropene

Concen: 1.323 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV033092.D

Acq: 04 Dec 2023 11:20

Instrument :

MSVOA_V

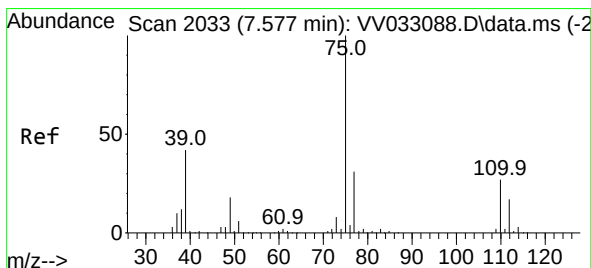
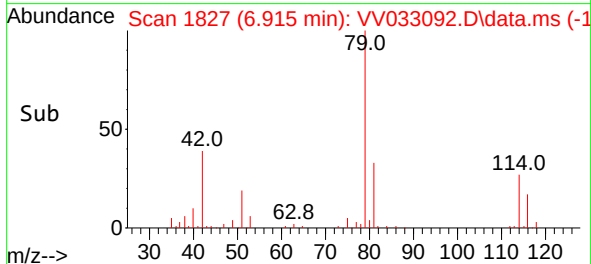
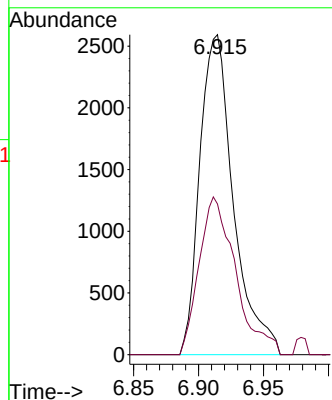
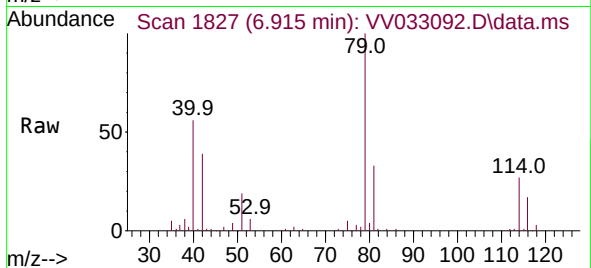
ClientSampleId :

Tgt Ion: 75 Resp: 4680

Ion Ratio Lower Upper

75 100

77 47.1 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.952 ug/L

RT: 7.551 min Scan# 2025

Delta R.T. -0.026 min

Lab File: VV033092.D

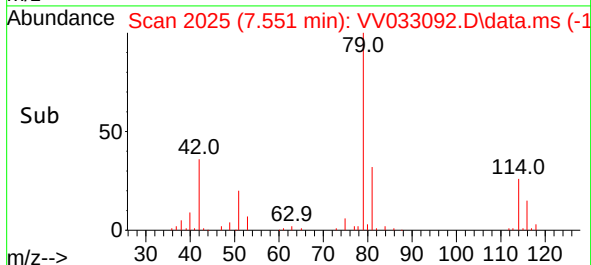
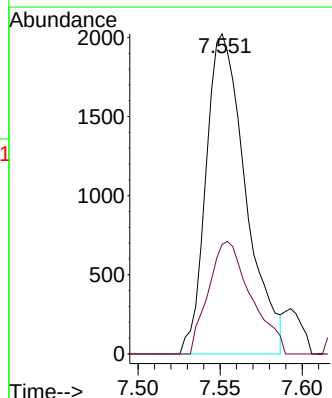
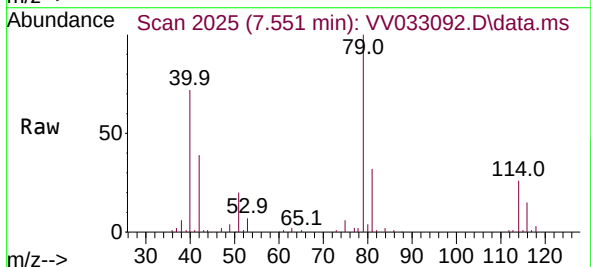
Acq: 04 Dec 2023 11:20

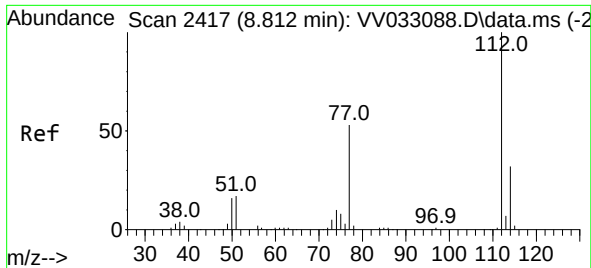
Tgt Ion: 75 Resp: 3404

Ion Ratio Lower Upper

75 100

77 34.2 22.0 41.0

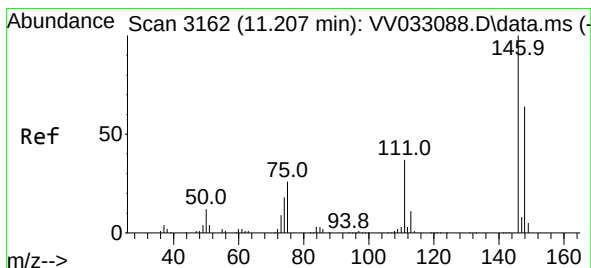
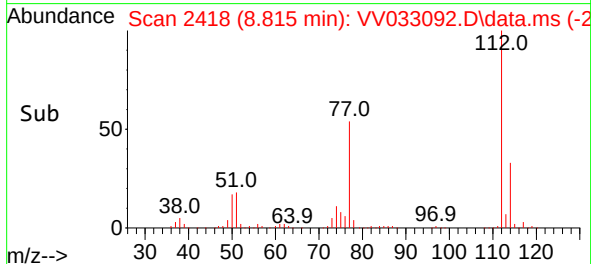
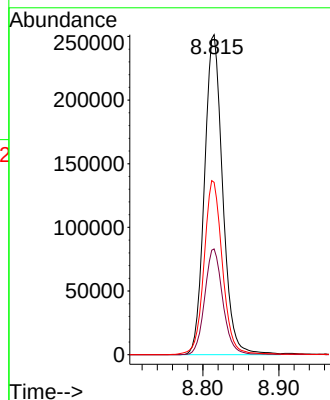
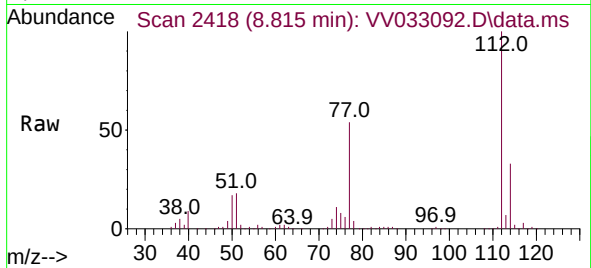




#51
Chlorobenzene
Concen: 62.701 ug/L
RT: 8.815 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV033092.D
Acq: 04 Dec 2023 11:20

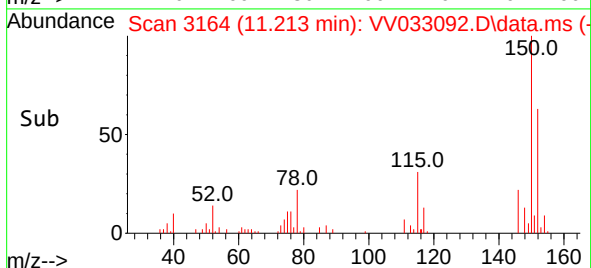
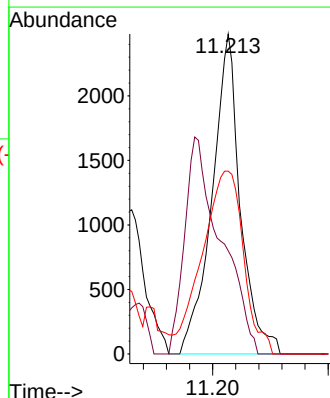
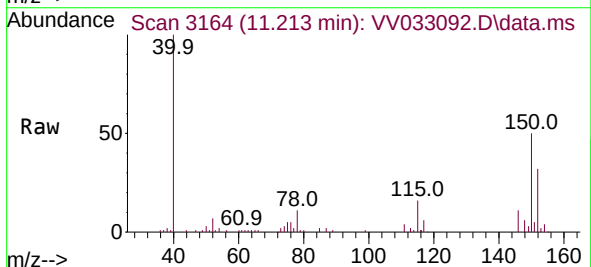
Instrument :
MSVOA_V
ClientSampleId :

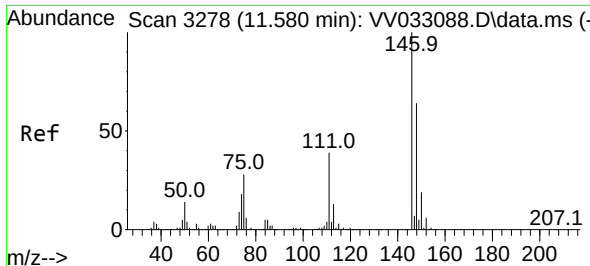
Tgt Ion:112 Resp: 418572
Ion Ratio Lower Upper
112 100
114 33.0 22.9 42.5
77 53.8 42.6 64.0



#65
1,4-Dichlorobenzene
Concen: 0.697 ug/L
RT: 11.213 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VV033092.D
Acq: 04 Dec 2023 11:20

Tgt Ion:146 Resp: 4228
Ion Ratio Lower Upper
146 100
111 32.3 25.9 48.1
148 57.1 44.9 83.5

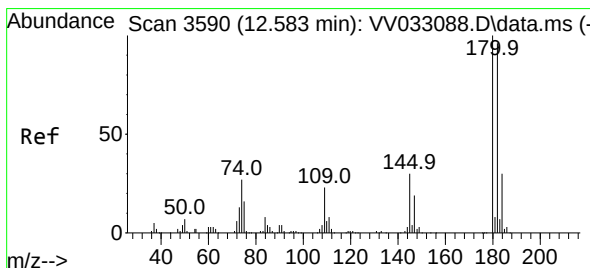
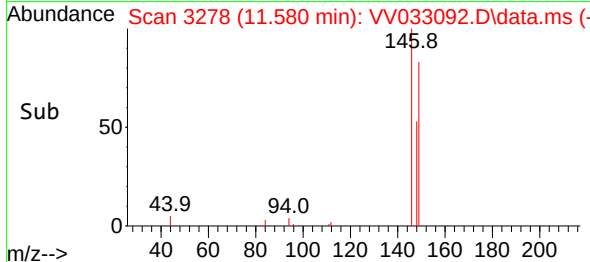
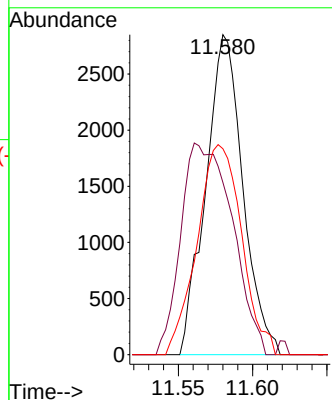
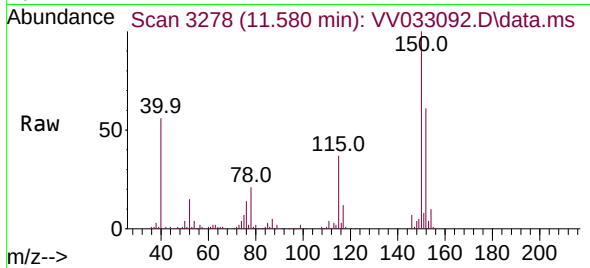




#67
1,2-Dichlorobenzene
Concen: 0.865 ug/L
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033092.D
Acq: 04 Dec 2023 11:20

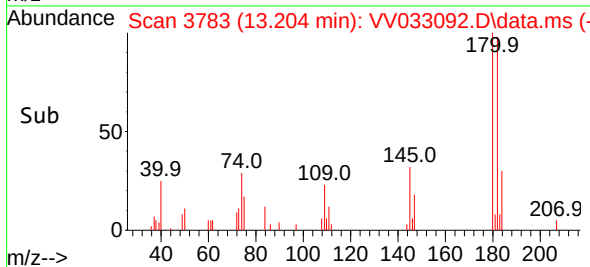
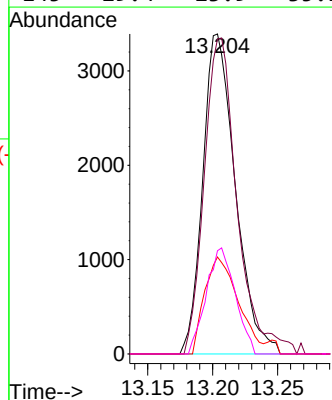
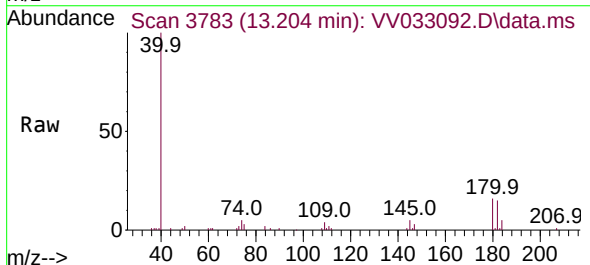
Instrument :
MSVOA_V
ClientSampleId :

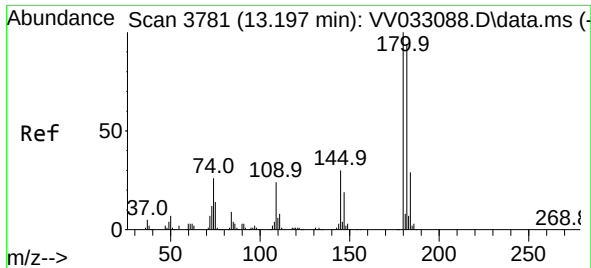
Tgt Ion:146 Resp: 4953
Ion Ratio Lower Upper
146 100
111 53.8 32.4 48.6#
148 64.3 51.8 77.8



#69
1,3,5-Trichlorobenzene
Concen: 1.266 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.621 min
Lab File: VV033092.D
Acq: 04 Dec 2023 11:20

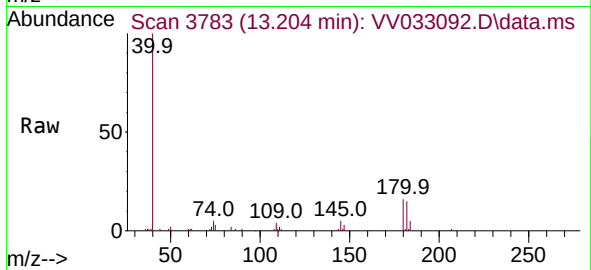
Tgt Ion:180 Resp: 5923
Ion Ratio Lower Upper
180 100
182 95.8 76.2 114.4
184 31.2 24.2 36.4
145 29.4 23.9 35.9





#70
 1,2,4-trichlorobenzene
 Concen: 1.370 ug/L
 RT: 13.204 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VV033092.D
 Acq: 04 Dec 2023 11:20

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	5923
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.3	114.5
145	29.4	23.4	35.0

