

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
 Data File : VV036362.D
 Acq On : 01 Jul 2024 10:04
 Operator : SY/MD
 Sample : VV0701SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 02:34:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 02:29:42 2024
 Response via : Initial Calibration

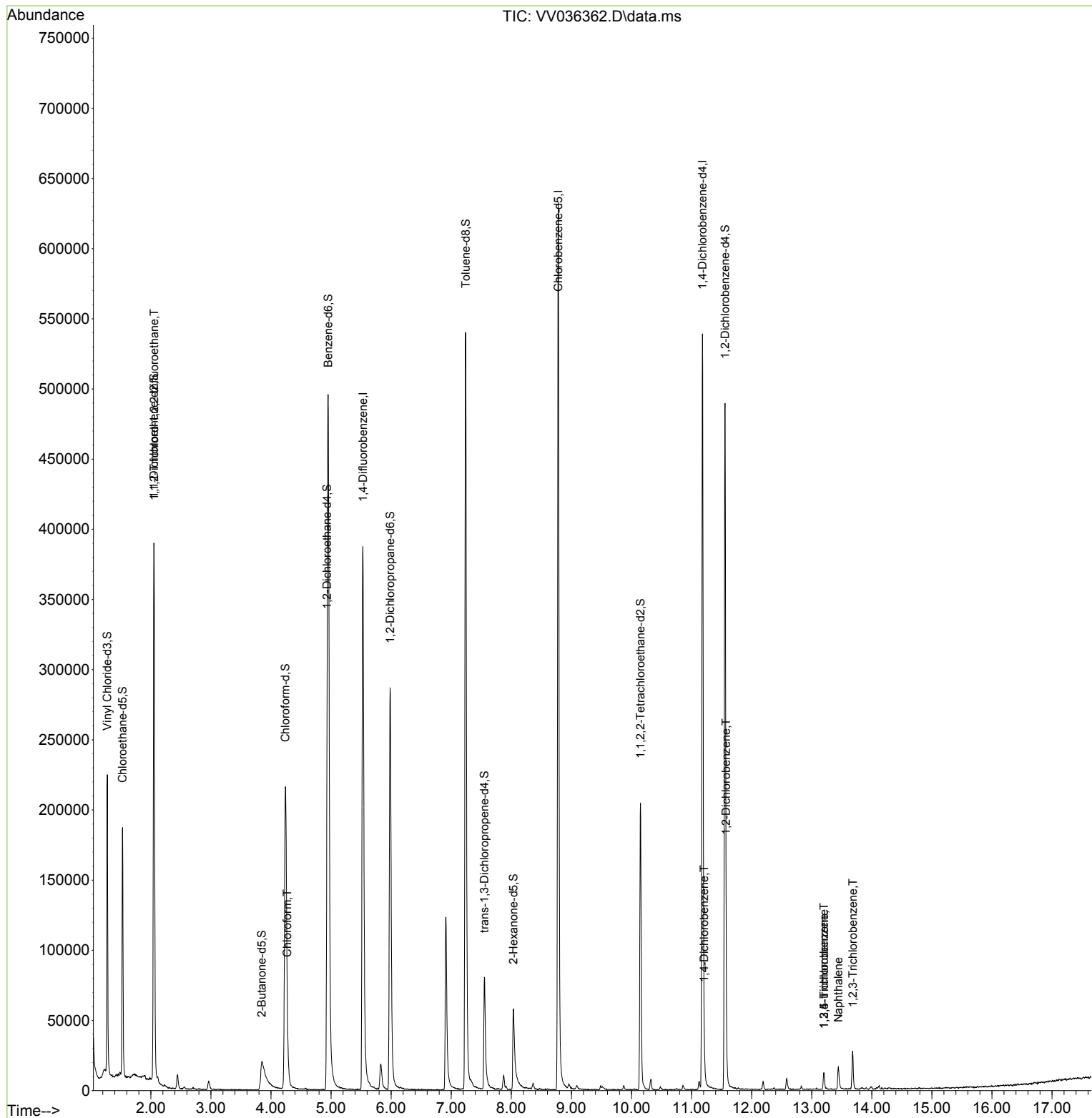
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	352264	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	359953	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	146331	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	136387	22.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.200%
7) Chloroethane-d5	1.529	69	117715	24.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.520%
11) 1,1-Dichloroethene-d2	2.050	65	65015	23.117	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.480%
21) 2-Butanone-d5	3.844	46	27810	20.029	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.060%
24) Chloroform-d	4.240	84	242836	23.354	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	4.934	65	126238	22.766	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.080%
32) Benzene-d6	4.953	84	456075	22.445	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	5.982	67	144466	23.637	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.560%
41) Toluene-d8	7.240	98	375343	20.488	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.960%
43) trans-1,3-Dichloroprop...	7.551	79	52749	19.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.320%
47) 2-Hexanone-d5	8.034	63	23012	23.587	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.180%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	102378	20.435	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.720%
66) 1,2-Dichlorobenzene-d4	11.558	152	133234	24.985	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.960%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	2419	0.386	ug/L #	35
25) Chloroform	4.272	83	6538	0.626	ug/L	85
65) 1,4-Dichlorobenzene	11.210	146	4100	0.415	ug/L	93
67) 1,2-Dichlorobenzene	11.574	146	3756	0.427	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.204	180	4281	0.617	ug/L	94
70) 1,2,4-trichlorobenzene	13.204	180	4281	0.773	ug/L	94
71) Naphthalene	13.442	128	13660	1.384	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	4846	0.931	ug/L	91

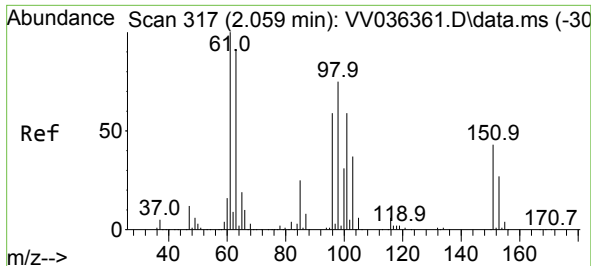
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 02 02:29:42 2024
Response via : Initial Calibration





#10

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

Concen: 0.386 ug/L

RT: 2.053 min Scan# 317

Delta R.T. -0.006 min

Lab File: VV036362.D

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Instrument :

MSVOA_V

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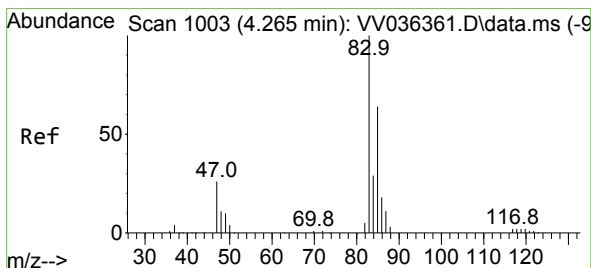
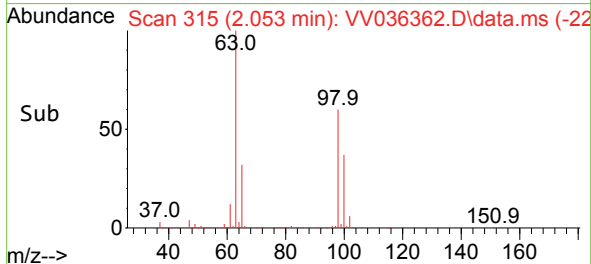
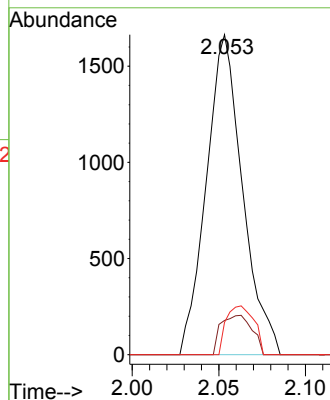
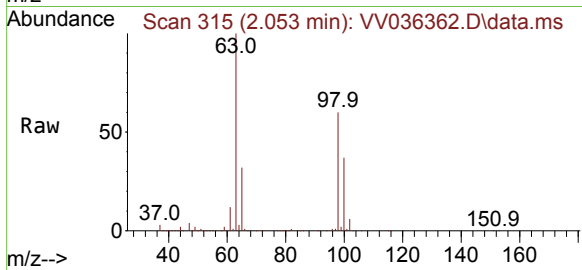
Tgt Ion:101 Resp: 2419

Ion Ratio Lower Upper

101 100

85 10.6 34.6 51.8#

151 11.7 58.9 88.3#



#25

Chloroform

Concen: 0.626 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.007 min

Lab File: VV036362.D

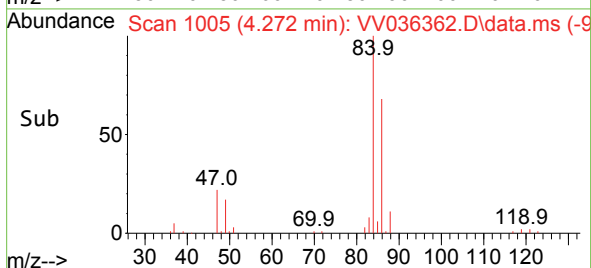
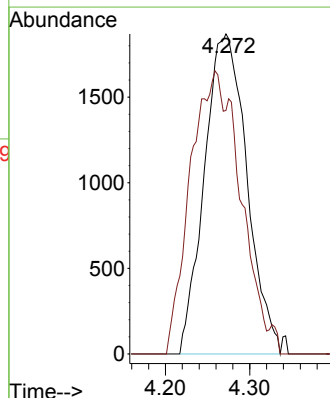
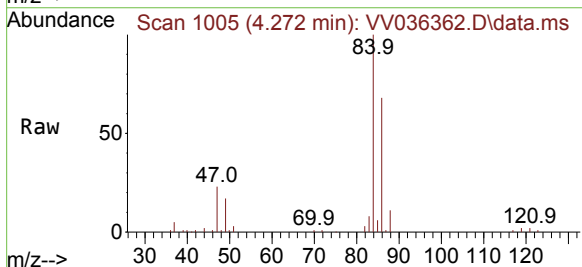
Acq: 01 Jul 2024 10:04

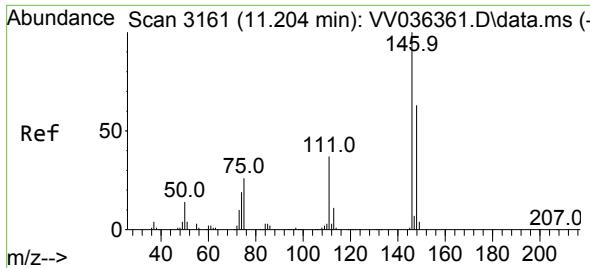
Tgt Ion: 83 Resp: 6538

Ion Ratio Lower Upper

83 100

85 76.1 45.0 83.6

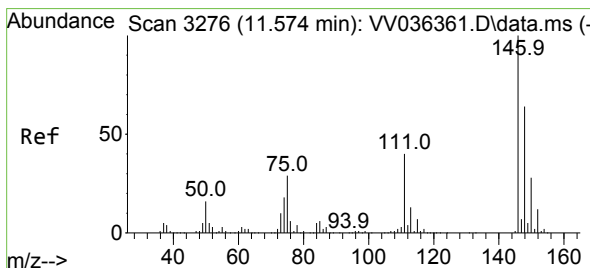
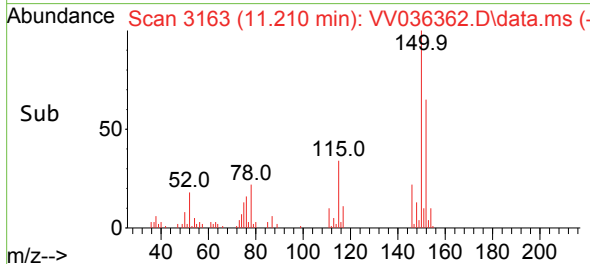
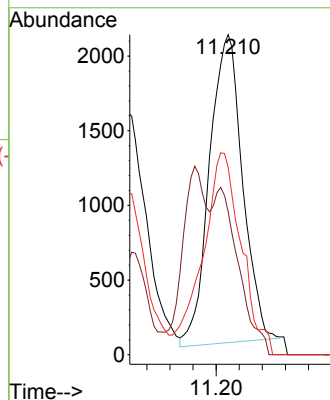
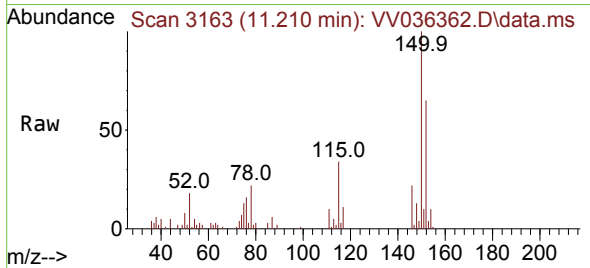




#65
1,4-Dichlorobenzene
Concen: 0.415 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.007 min
Lab File: VV036362.D
Acq: 01 Jul 2024 10:04

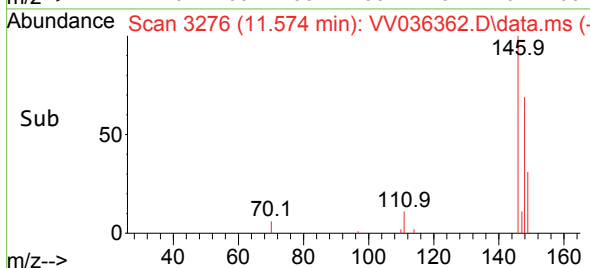
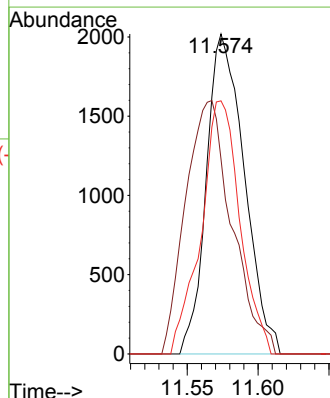
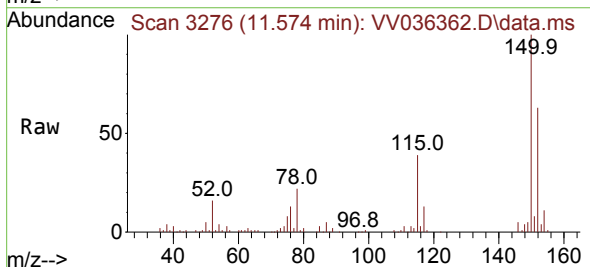
Instrument :
MSVOA_V
ClientSampleId :

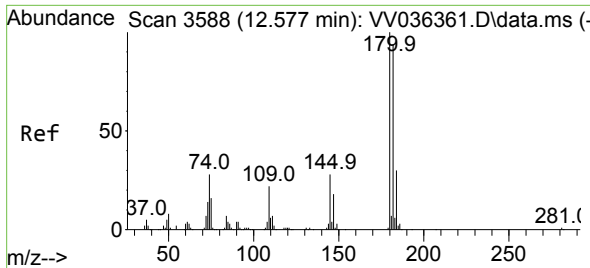
Tgt Ion:146 Resp: 4100
Ion Ratio Lower Upper
146 100
111 44.7 27.5 51.1
148 58.5 44.0 81.8



#67
1,2-Dichlorobenzene
Concen: 0.427 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VV036362.D
Acq: 01 Jul 2024 10:04

Tgt Ion:146 Resp: 3756
Ion Ratio Lower Upper
146 100
111 60.9 33.3 49.9#
148 79.1 51.1 76.7#

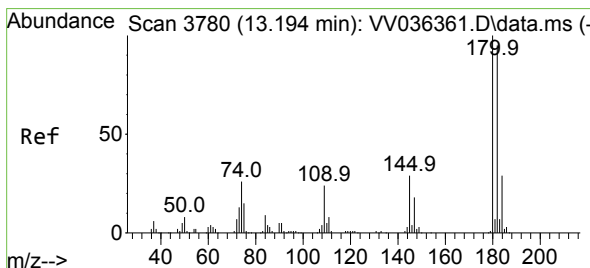
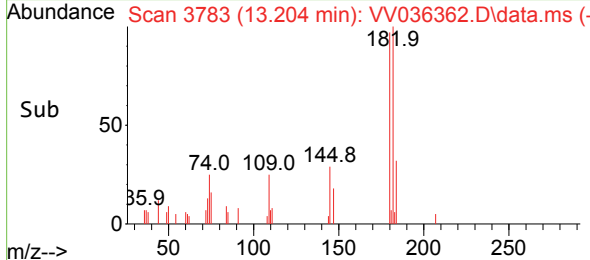
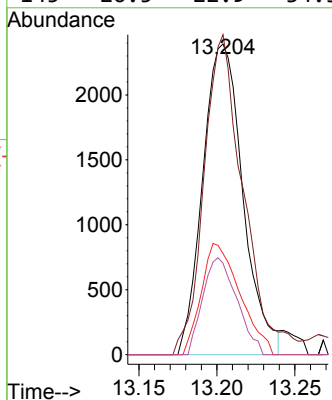
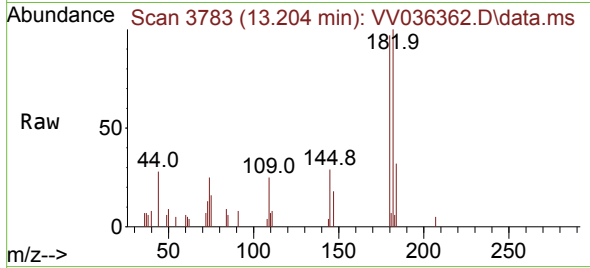




#69
1,3,5-Trichlorobenzene
Concen: 0.617 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.627 min
Lab File: VV036362.D
Acq: 01 Jul 2024 10:04

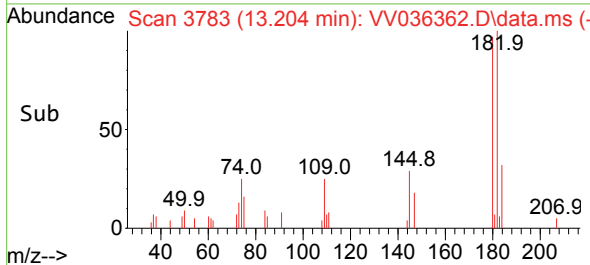
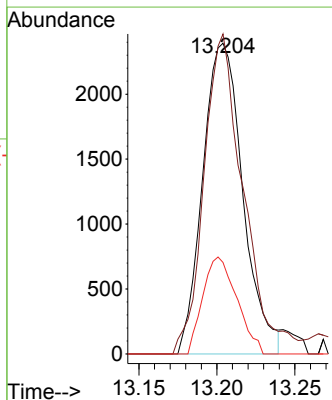
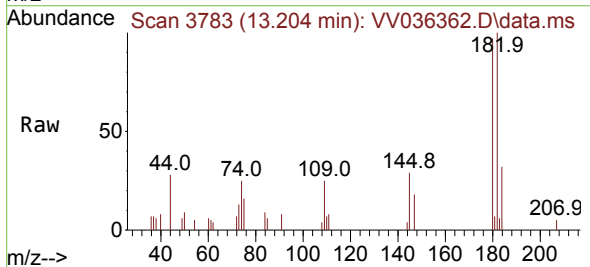
Instrument :
MSVOA_V
ClientSampleId :

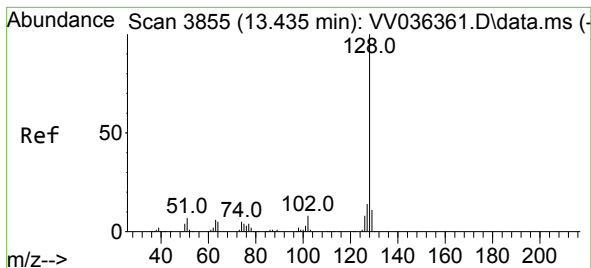
Tgt Ion:180	Resp:	4281
Ion Ratio	Lower	Upper
180	100	
182	100.8	76.2 114.4
184	34.5	23.3 34.9
145	26.5	22.9 34.3



#70
1,2,4-trichlorobenzene
Concen: 0.773 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.010 min
Lab File: VV036362.D
Acq: 01 Jul 2024 10:04

Tgt Ion:180	Resp:	4281
Ion Ratio	Lower	Upper
180	100	
182	100.8	76.1 114.1
145	26.5	23.8 35.8





#71

Naphthalene

Concen: 1.384 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.007 min

Lab File: VV036362.D

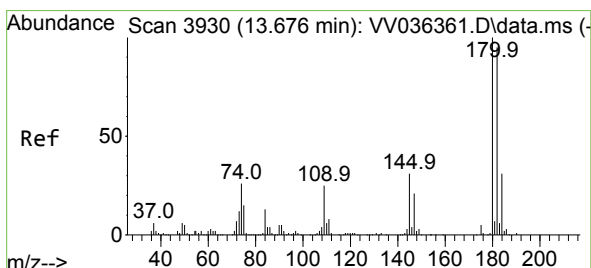
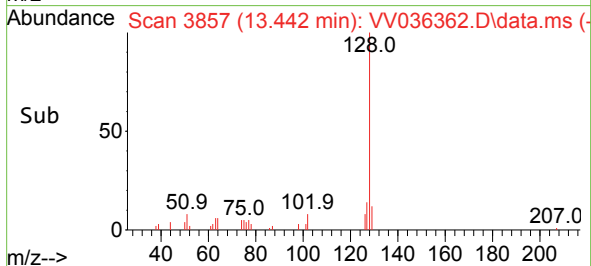
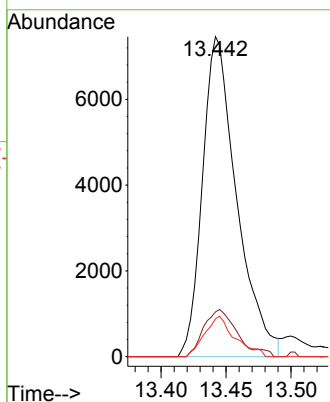
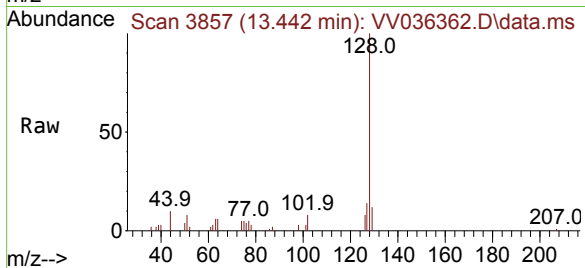
Acq: 01 Jul 2024 10:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	13660
Ion Ratio	Lower	Upper
128	100	
127	13.6	10.8 16.2
129	11.2	8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 0.931 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.007 min

Lab File: VV036362.D

Acq: 01 Jul 2024 10:04

Tgt Ion:180	Resp:	4846
Ion Ratio	Lower	Upper
180	100	
182	84.7	76.7 115.1
145	31.6	25.0 37.4

