

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035753.D
 Acq On : 24 May 2024 17:40
 Operator : SY/MD
 Sample : P2577-10
 Misc : 2.35g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 23:49:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 23:42:56 2024
 Response via : Initial Calibration

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

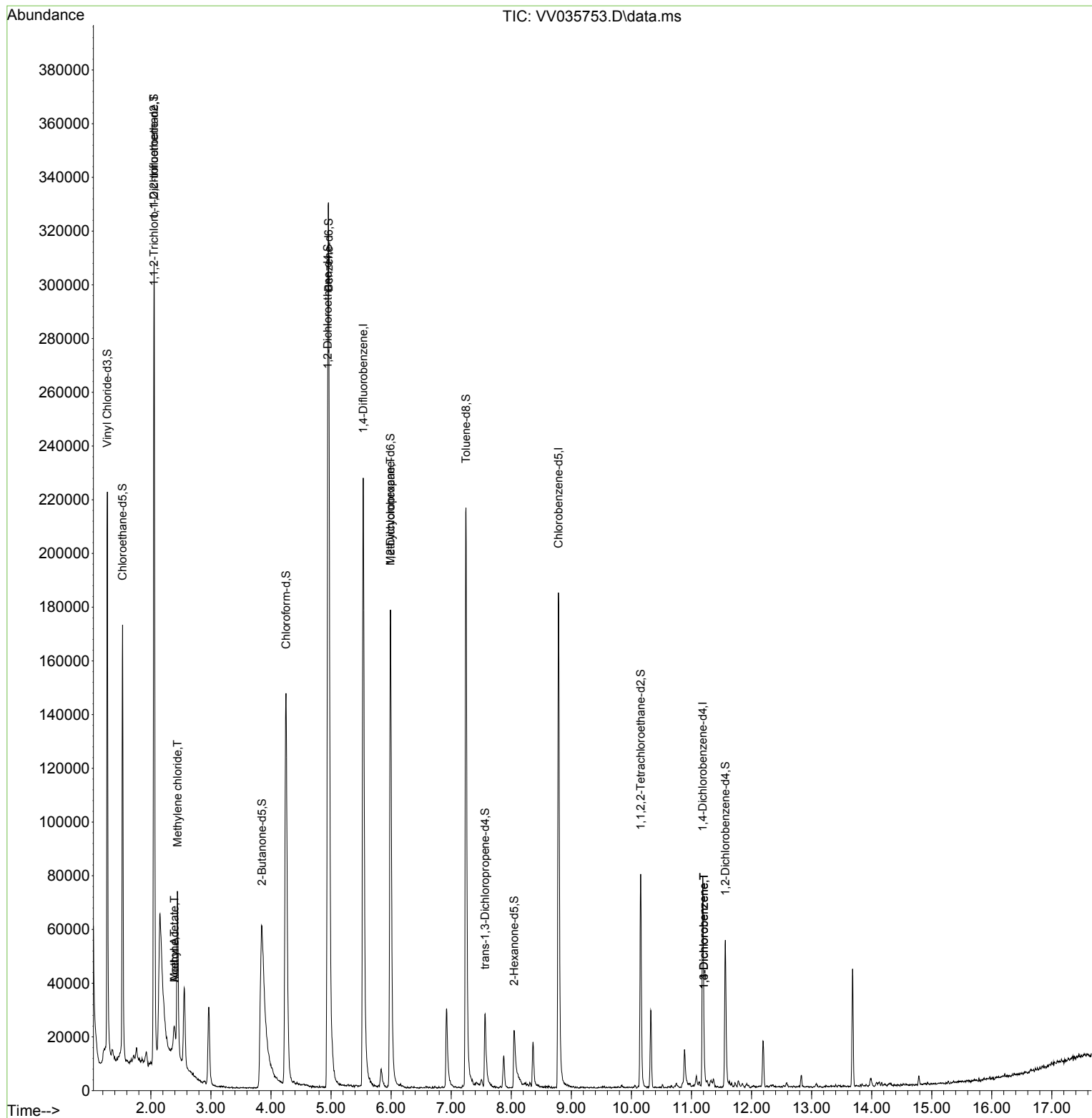
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	208296	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	111841	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	21482	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	136840	42.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 170.000%#	
7) Chloroethane-d5	1.529	69	104175	40.110	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 160.440%#	
11) 1,1-Dichloroethene-d2	2.053	65	49929	35.030	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 140.120%#	
21) 2-Butanone-d5	3.851	46	6531	7.148	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 14.300%#	
24) Chloroform-d	4.249	84	166709	26.921	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.680%	
26) 1,2-Dichloroethane-d4	4.944	65	98873	32.297	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 129.200%	
32) Benzene-d6	4.960	84	292095	47.711	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 190.840%#	
36) 1,2-Dichloropropane-d6	5.989	67	93730	49.610	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 198.440%#	
41) Toluene-d8	7.246	98	158621	29.112	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 116.440%	
43) trans-1,3-Dichloroprop...	7.564	79	20947	25.924	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	= 103.680%	
47) 2-Hexanone-d5	8.047	63	8489	24.987	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	= 49.980%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	42407	23.293	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 93.160%	
66) 1,2-Dichlorobenzene-d4	11.564	152	15679	21.031	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 84.120%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	1416	0.391	ug/L #	22
13) Acetone	2.391	43	16345	12.221	ug/L	72
15) Methyl Acetate	2.391	43	16437	8.112	ug/L #	81
16) Methylene chloride	2.442	84	26675	5.553	ug/L	96
35) Methylcyclohexane	5.989	83	20964	6.595	ug/L #	21
64) 1,3-Dichlorobenzene	11.210	146	635	0.423	ug/L #	77
65) 1,4-Dichlorobenzene	11.210	146	635	0.408	ug/L #	77

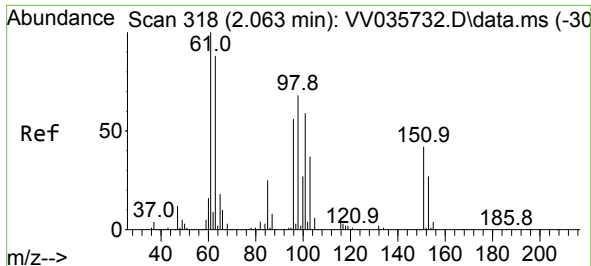
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 24 Sample Multiplier: 1

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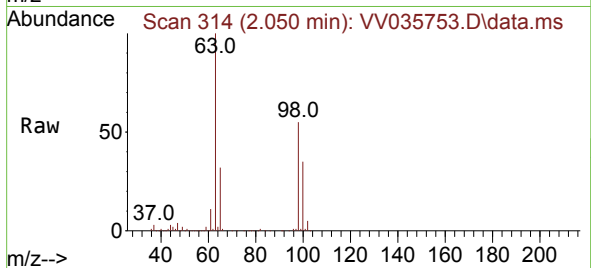
Quant Time: May 24 23:49:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 23:42:56 2024
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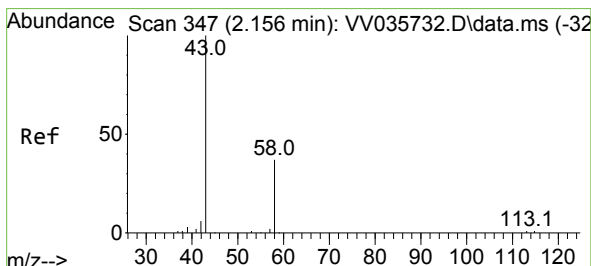
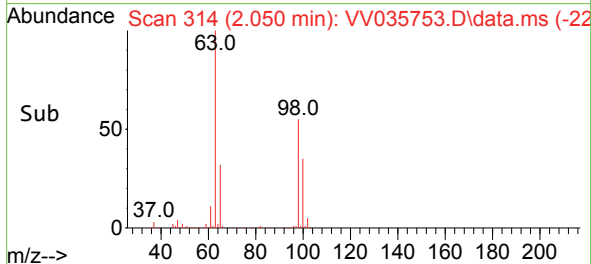
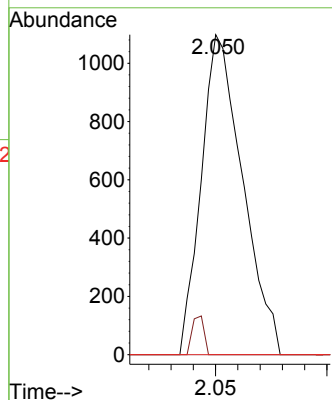


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.391 ug/L
RT: 2.050 min Scan# 318
Delta R.T. -0.013 min
Lab File: VV035753.D
Acq: 24 May 2024 17:40

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MSVOA_V
ClientSampleId :

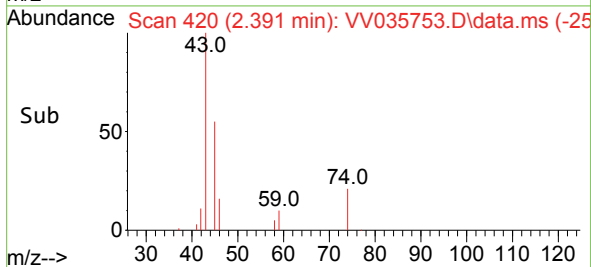
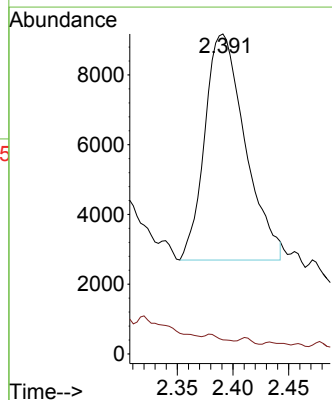
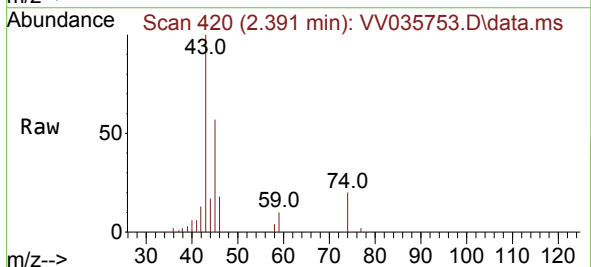


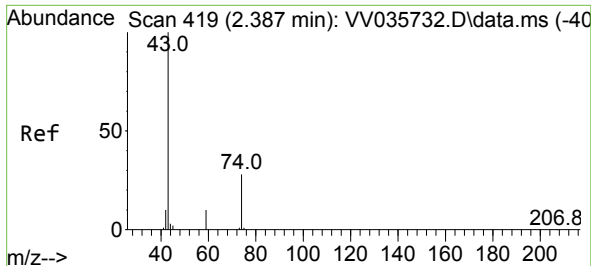
Tgt Ion:101 Resp: 1416
Ion Ratio Lower Upper
101 100
85 3.5 34.2 51.4#
151 0.0 59.5 89.3#



#13
Acetone
Concen: 12.221 ug/L
RT: 2.391 min Scan# 420
Delta R.T. 0.235 min
Lab File: VV035753.D
Acq: 24 May 2024 17:40

Tgt Ion: 43 Resp: 16345
Ion Ratio Lower Upper
43 100
58 0.8 0.0 22.8

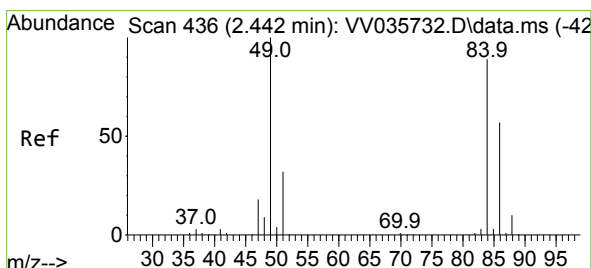
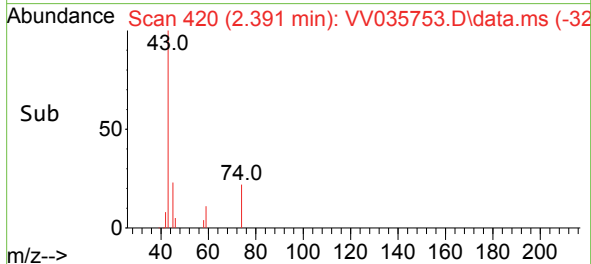
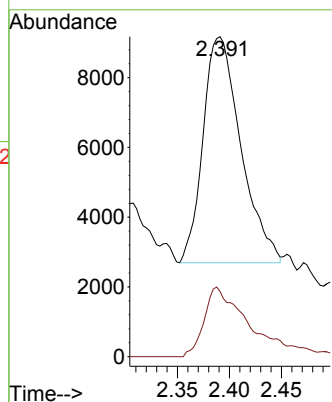
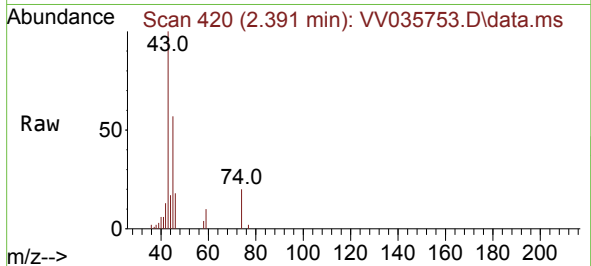




#15
Methyl Acetate
Concen: 8.112 ug/L
RT: 2.391 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV035753.D
Acq: 24 May 2024 17:40

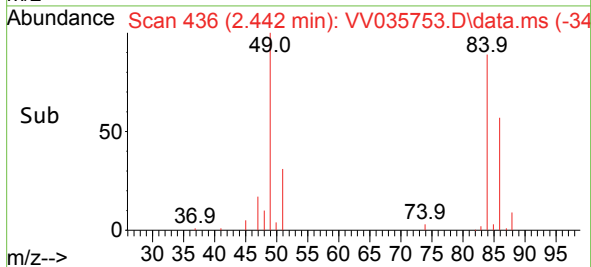
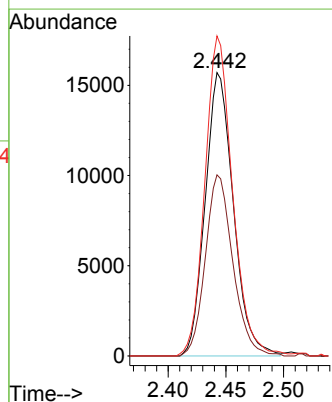
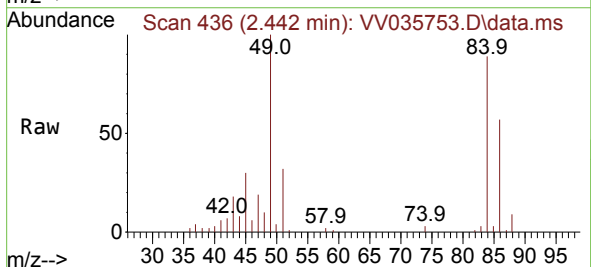
Instrument :
MSVOA_V
ClientSampleId :

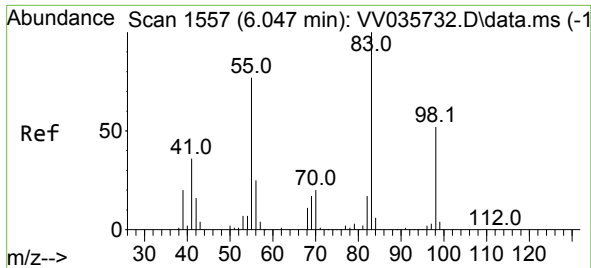
Tgt Ion: 43 Resp: 16437
Ion Ratio Lower Upper
43 100
74 32.6 18.6 27.8#



#16
Methylene chloride
Concen: 5.553 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV035753.D
Acq: 24 May 2024 17:40

Tgt Ion: 84 Resp: 26675
Ion Ratio Lower Upper
84 100
86 63.9 43.8 81.3
49 112.9 75.3 139.9

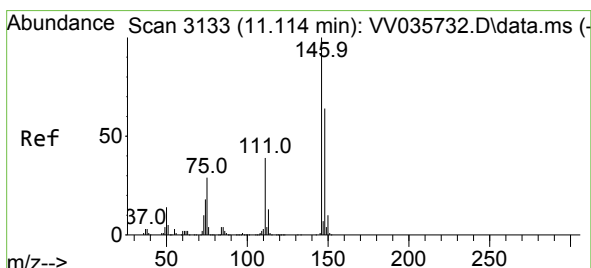
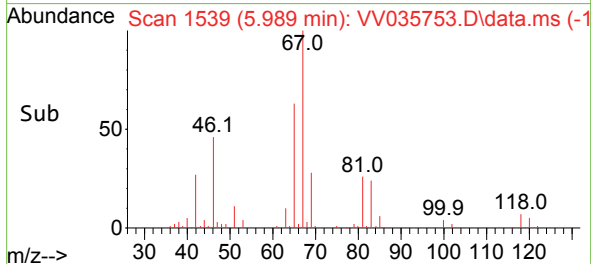
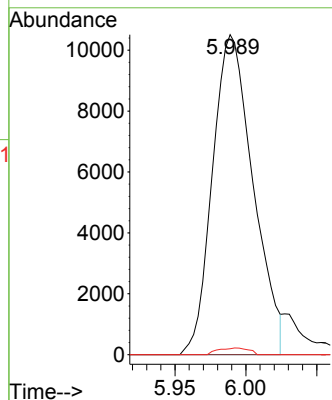
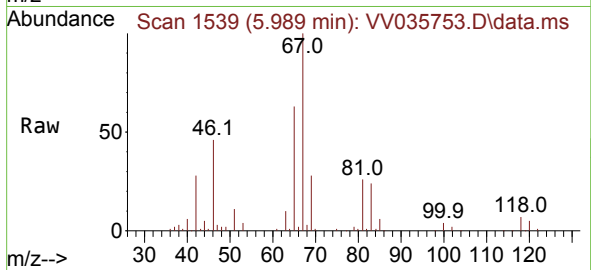




#35
Methylcyclohexane
Concen: 6.595 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV035753.D
Acq: 24 May 2024 17:40

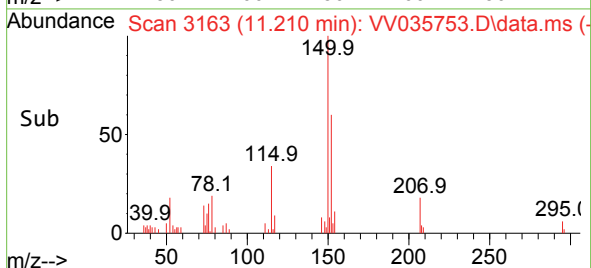
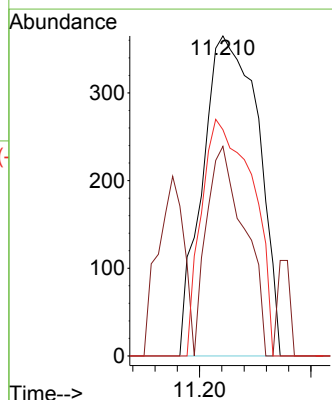
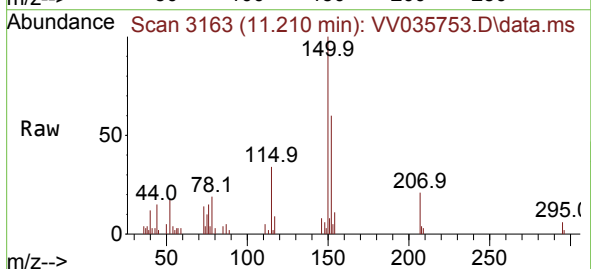
Instrument :
MSVOA_V
ClientSampleId :

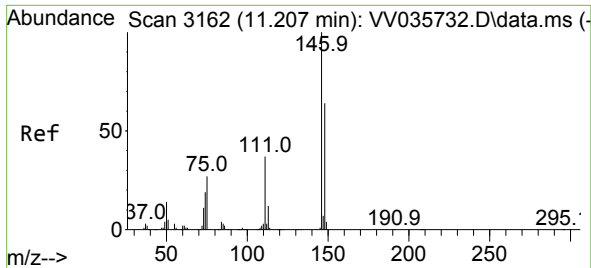
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.5	86.3#
98	1.6	38.6	58.0#



#64
1,3-Dichlorobenzene
Concen: 0.423 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.097 min
Lab File: VV035753.D
Acq: 24 May 2024 17:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	65.5	27.0	50.2#
148	70.7	44.3	82.3





#65

1,4-Dichlorobenzene

Concen: 0.408 ug/L

RT: 11.210 min Scan# 31

Delta R.T. 0.003 min

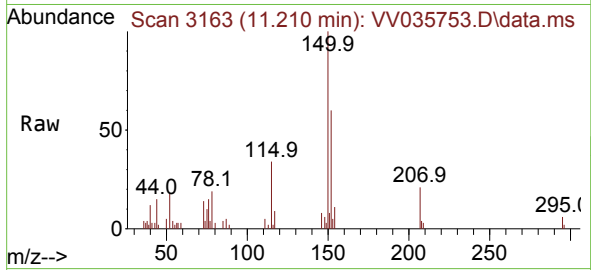
Lab File: VV035753.D

Acq: 24 May 2024 17:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	146	Resp:	635
Ion	Ratio	Lower	Upper
146	100		
111	65.5	26.2	48.6#
148	70.7	44.9	83.3

