

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
 Data File : VV037257.D
 Acq On : 12 Sep 2024 10:22
 Operator : SY/MD
 Sample : P3900-01ME
 Misc : 5.66G/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCVZ0ME

Quant Time: Sep 13 00:44:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 13 00:43:12 2024
 Response via : Initial Calibration

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

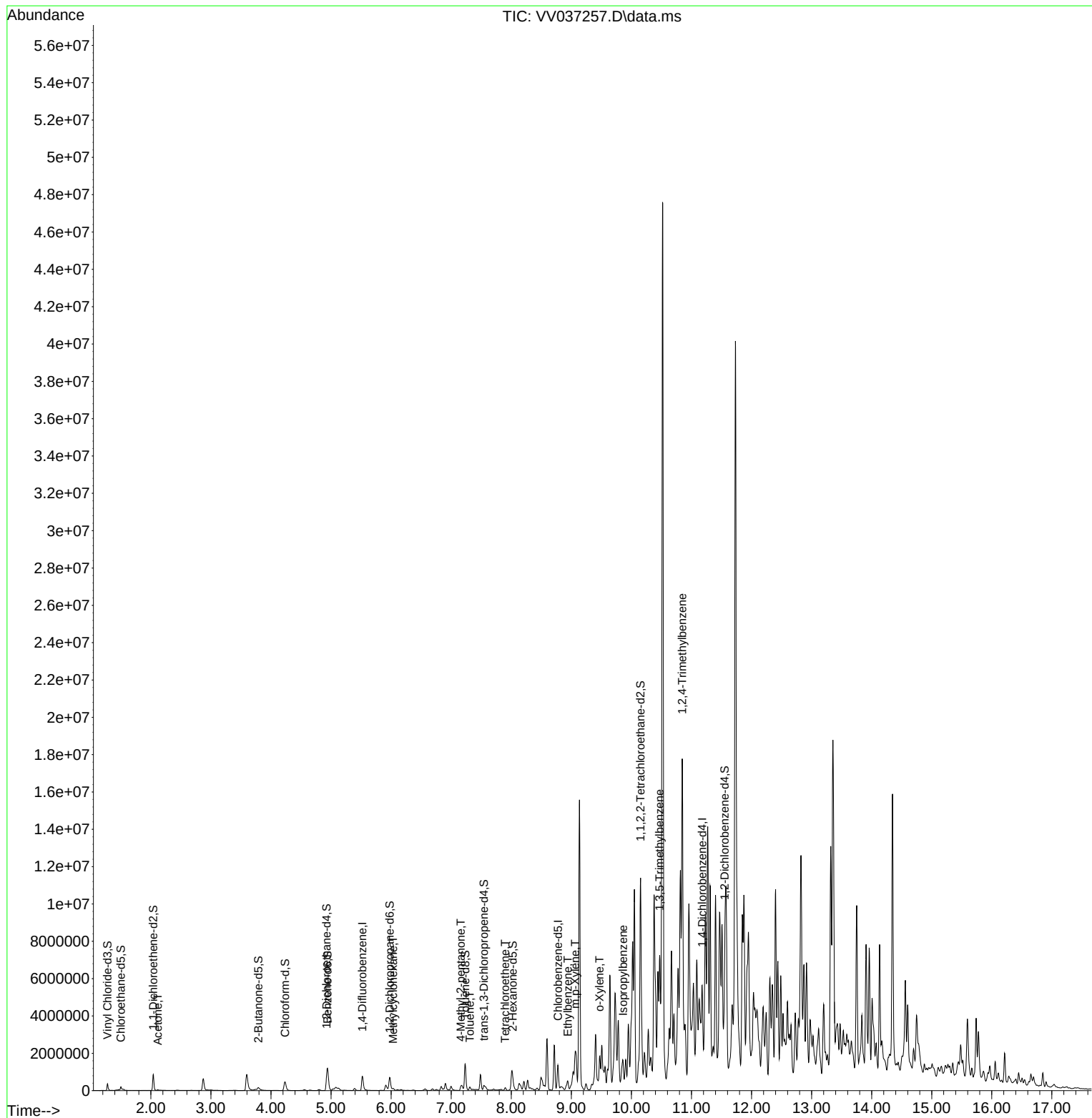
Internal Standards						
1) 1,4-Difluorobenzene	5.523	114	685063	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	680226	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	421855	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	281632	44.941	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.880%		
7) Chloroethane-d5	1.500	69	96286	19.880	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	39.760%#		
11) 1,1-Dichloroethene-d2	2.040	65	123778	46.994	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.980%		
21) 2-Butanone-d5	3.789	46	230878	95.138	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.140%		
24) Chloroform-d	4.233	84	499812	50.960	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.920%		
26) 1,2-Dichloroethane-d4	4.928	65	313248	50.716	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.440%		
32) Benzene-d6	4.941	84	1034495	50.351	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.700%		
36) 1,2-Dichloropropane-d6	5.976	67	340266	52.877	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.760%		
41) Toluene-d8	7.233	98	936824	50.523	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.040%		
43) trans-1,3-Dichloroprop...	7.545	79	147825	49.653	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.300%		
47) 2-Hexanone-d5	8.024	63	196315	111.780	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.780%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	651578	83.487	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	166.980%#		
66) 1,2-Dichlorobenzene-d4	11.554	152	454280	53.768	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.540%		
Target Compounds						Qvalue
13) Acetone	2.118	43	34763	13.357	ug/L	88
35) Methylcyclohexane	6.034	83	36110	4.289	ug/L #	86
40) 4-Methyl-2-pentanone	7.162	43	141533	26.453	ug/L	98
42) Toluene	7.310	91	142721	6.983	ug/L	99
46) Tetrachloroethene	7.899	164	5214	1.402	ug/L	85
52) Ethylbenzene	8.940	91	235764	10.212	ug/L	100
53) m,p-Xylene	9.063	106	401005	46.879	ug/L	99
54) o-Xylene	9.471	106	331574	39.589	ug/L	99
60) Isopropylbenzene	9.860	105	457462	16.727	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	2840893	126.965	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	8193857	366.949	ug/L	98

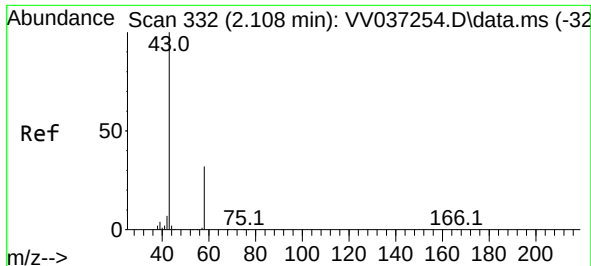
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 13 00:43:12 2024
Response via : Initial Calibration





#13

Acetone

Concen: 13.357 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV037257.D

Acq: 12 Sep 2024 10:22

Instrument :

MSVOA_V

ClientSampleId :

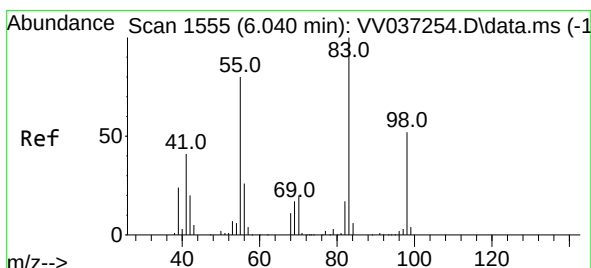
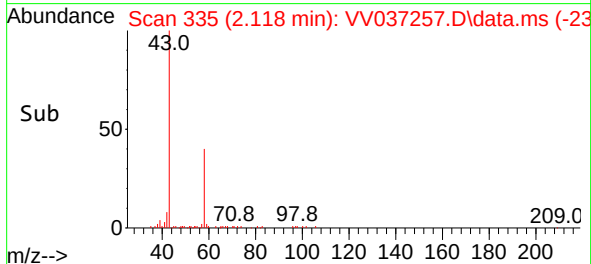
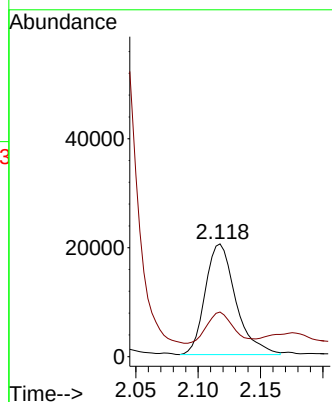
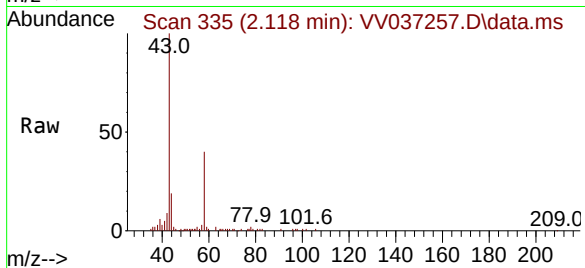
DCVZ0ME

Tgt Ion: 43 Resp: 34763

Ion Ratio Lower Upper

43 100

58 25.5 0.0 64.8



#35

Methylcyclohexane

Concen: 4.289 ug/L

RT: 6.034 min Scan# 1553

Delta R.T. -0.006 min

Lab File: VV037257.D

Acq: 12 Sep 2024 10:22

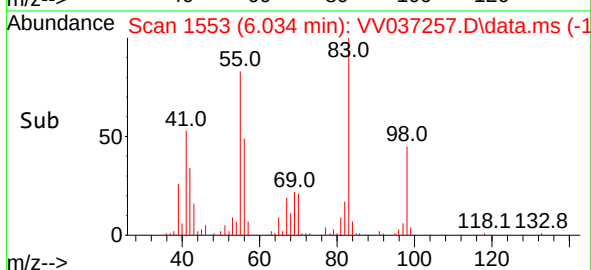
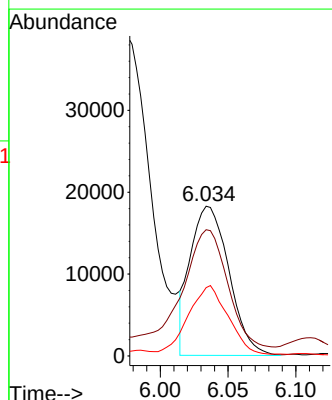
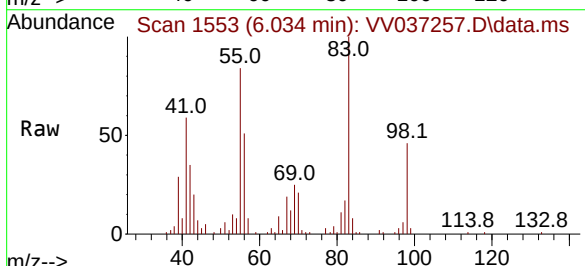
Tgt Ion: 83 Resp: 36110

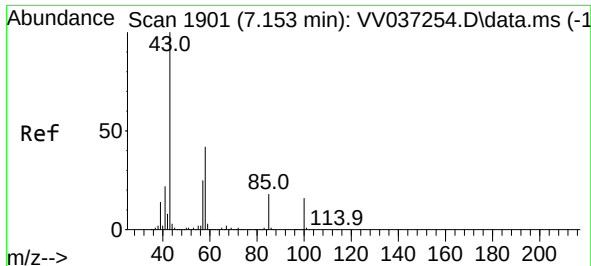
Ion Ratio Lower Upper

83 100

55 96.1 61.2 91.8#

98 50.1 39.3 58.9





#40

4-Methyl-2-pentanone

Concen: 26.453 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.010 min

Lab File: VV037257.D

Acq: 12 Sep 2024 10:22

Instrument :

MSVOA_V

ClientSampleId :

DCVZ0ME

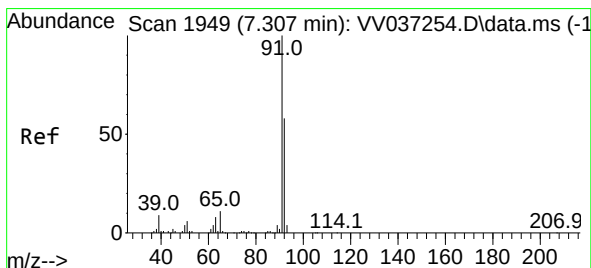
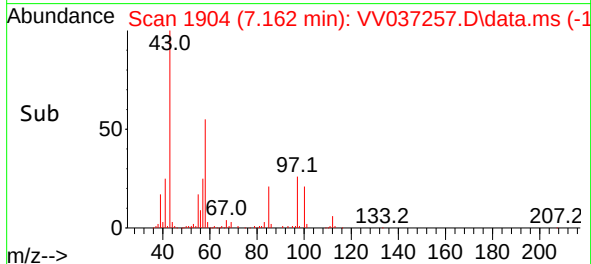
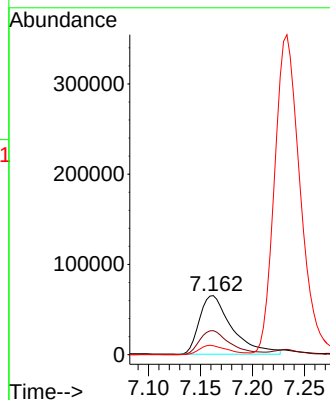
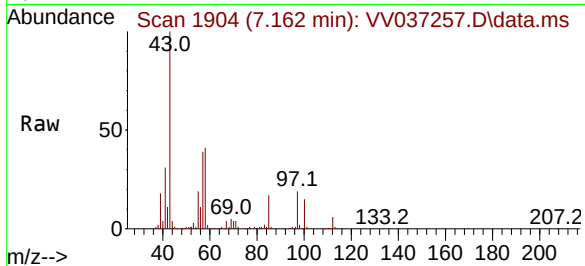
Tgt Ion: 43 Resp: 141533

Ion Ratio Lower Upper

43 100

58 38.7 32.0 48.0

100 14.1 12.4 18.6



#42

Toluene

Concen: 6.983 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV037257.D

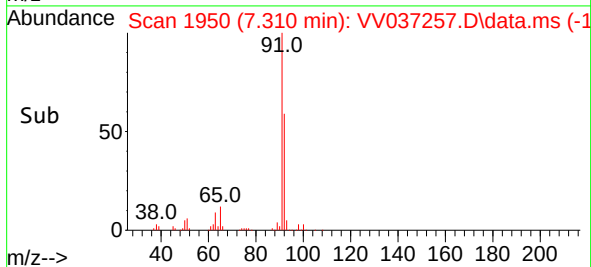
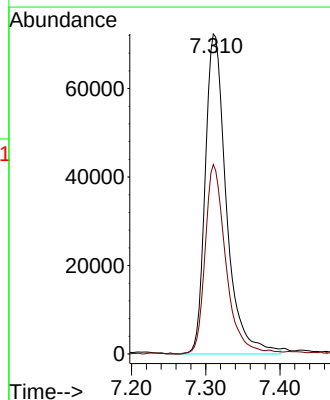
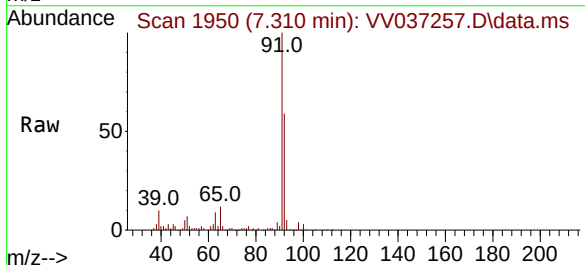
Acq: 12 Sep 2024 10:22

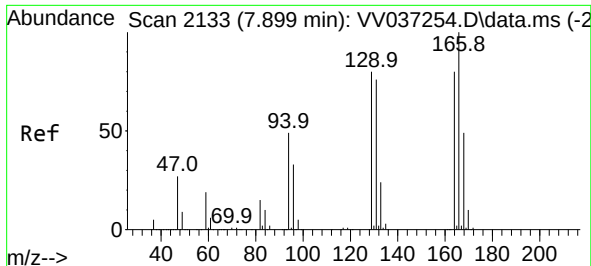
Tgt Ion: 91 Resp: 142721

Ion Ratio Lower Upper

91 100

92 59.2 40.8 75.8

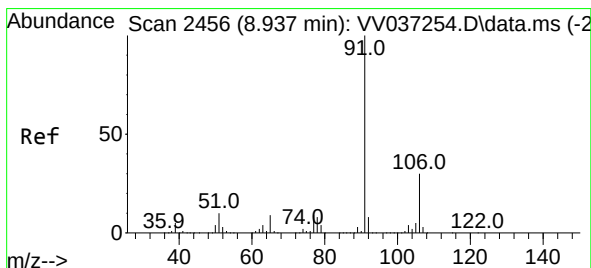
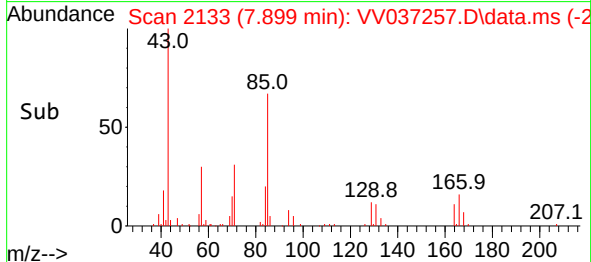
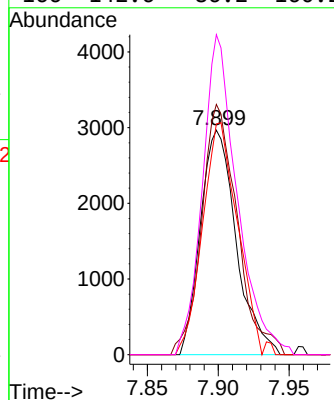
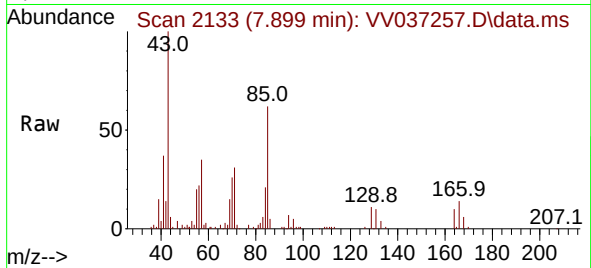




#46
Tetrachloroethene
Concen: 1.402 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV037257.D
Acq: 12 Sep 2024 10:22

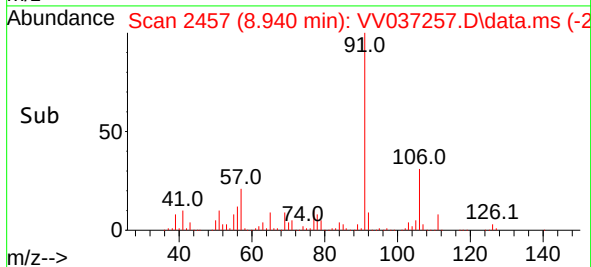
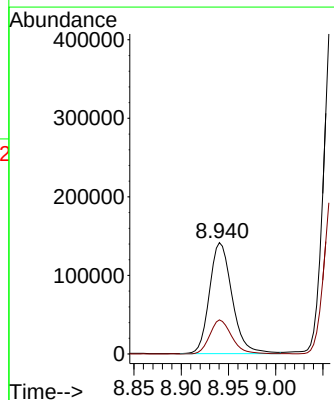
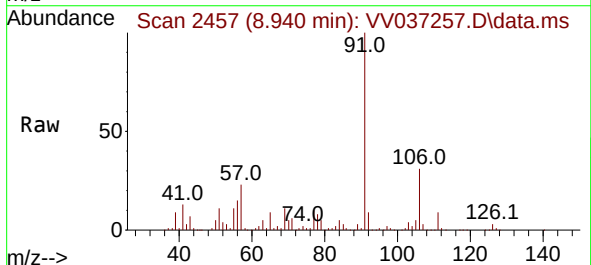
Instrument :
MSVOA_V
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DCVZ0ME

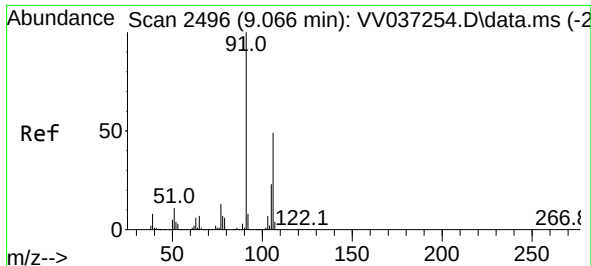
Tgt Ion:	164	Resp:	5214
Ion	Ratio	Lower	Upper
164	100		
129	116.3	67.1	124.7
131	102.8	67.0	124.4
166	142.6	86.2	160.2



#52
Ethylbenzene
Concen: 10.212 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. 0.003 min
Lab File: VV037257.D
Acq: 12 Sep 2024 10:22

Tgt Ion:	91	Resp:	235764
Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.4	39.8

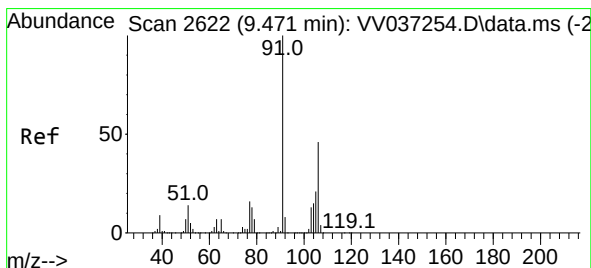
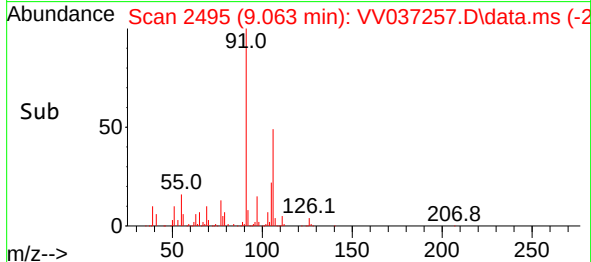
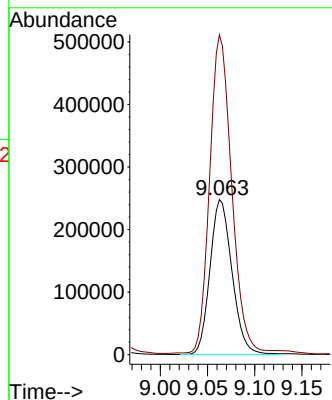
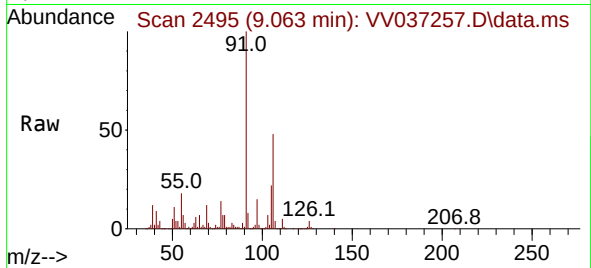




#53
m,p-Xylene
Concen: 46.879 ug/L
RT: 9.063 min Scan# 2496
Delta R.T. -0.003 min
Lab File: VV037257.D
Acq: 12 Sep 2024 10:22

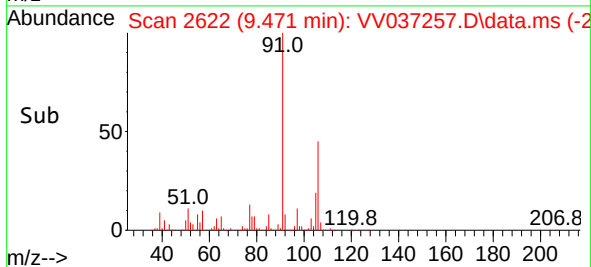
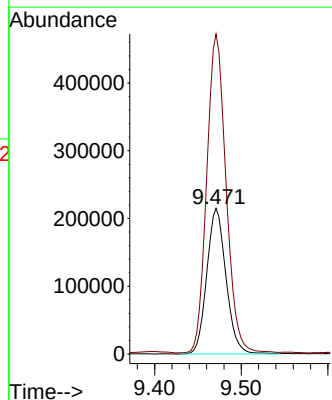
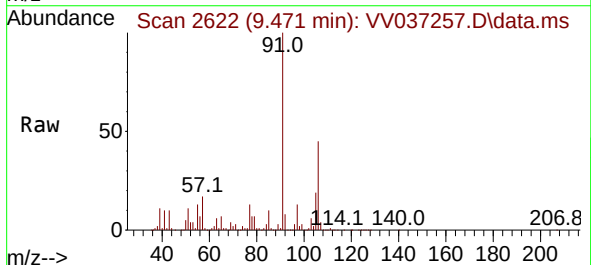
Instrument :
MSVOA_V
ClientSampleId :
DCVZ0ME

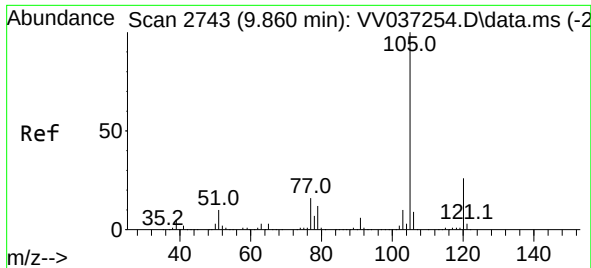
Tgt Ion:106 Resp: 401005
Ion Ratio Lower Upper
106 100
91 206.3 143.0 265.6



#54
o-Xylene
Concen: 39.589 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037257.D
Acq: 12 Sep 2024 10:22

Tgt Ion:106 Resp: 331574
Ion Ratio Lower Upper
106 100
91 219.9 153.2 284.6

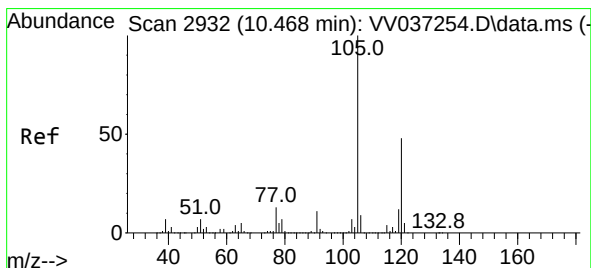
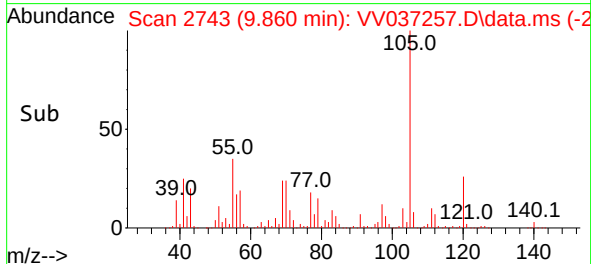
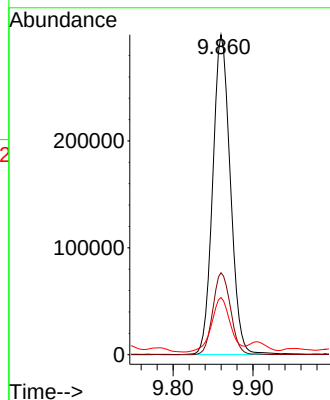
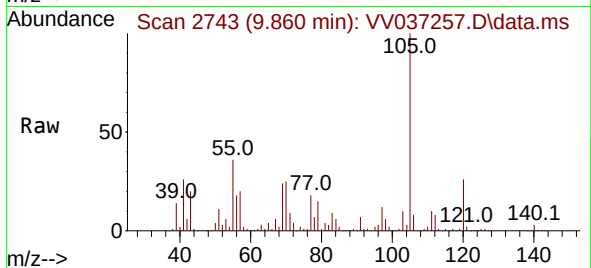




#60
Isopropylbenzene
Concen: 16.727 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037257.D
Acq: 12 Sep 2024 10:22

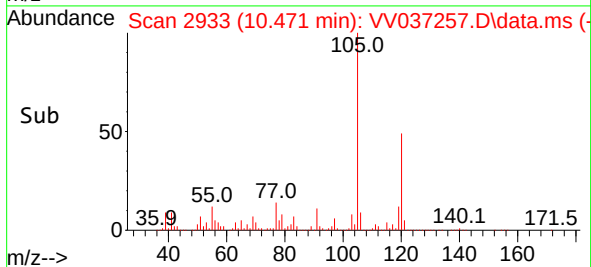
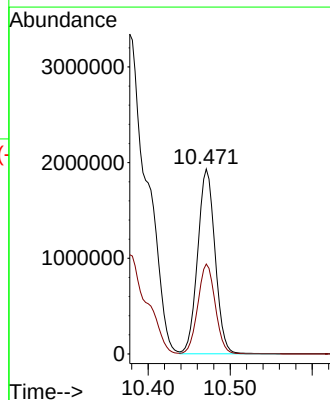
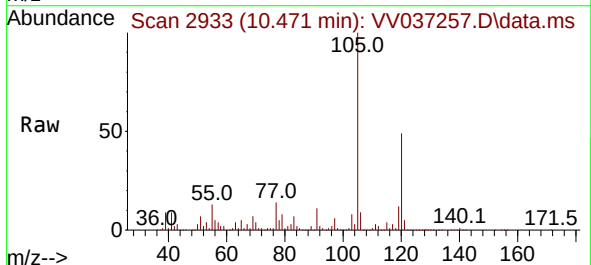
Instrument :
MSVOA_V
ClientSampleId :
DCVZ0ME

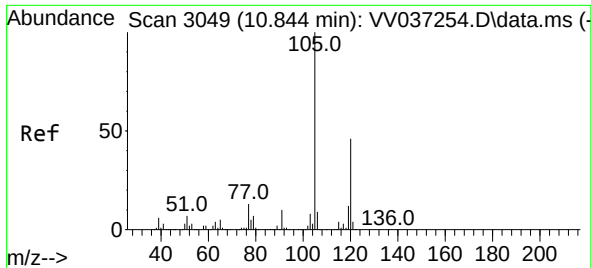
Tgt Ion:105 Resp: 457462
Ion Ratio Lower Upper
105 100
120 25.8 20.9 31.3
77 18.1 12.6 19.0



#62
1,3,5-Trimethylbenzene
Concen: 126.965 ug/L
RT: 10.471 min Scan# 2933
Delta R.T. 0.003 min
Lab File: VV037257.D
Acq: 12 Sep 2024 10:22

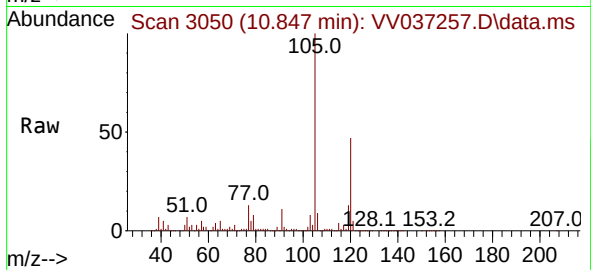
Tgt Ion:105 Resp: 2840893
Ion Ratio Lower Upper
105 100
120 48.7 38.3 57.5





#63
 1,2,4-Trimethylbenzene
 Concen: 366.949 ug/L
 RT: 10.847 min Scan# 3049
 Delta R.T. 0.003 min
 Lab File: VV037257.D
 Acq: 12 Sep 2024 10:22

Instrument :
 MSVOA_V
 ClientSampleId :
 DCVZ0ME



Tgt Ion:105 Resp: 8193857
 Ion Ratio Lower Upper
 105 100
 120 46.1 35.8 53.6

