

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037097.D
 Acq On : 27 Aug 2024 19:40
 Operator : SY/MD
 Sample : P3692-16
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 06:12:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 28 05:52:22 2024
 Response via : Initial Calibration

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

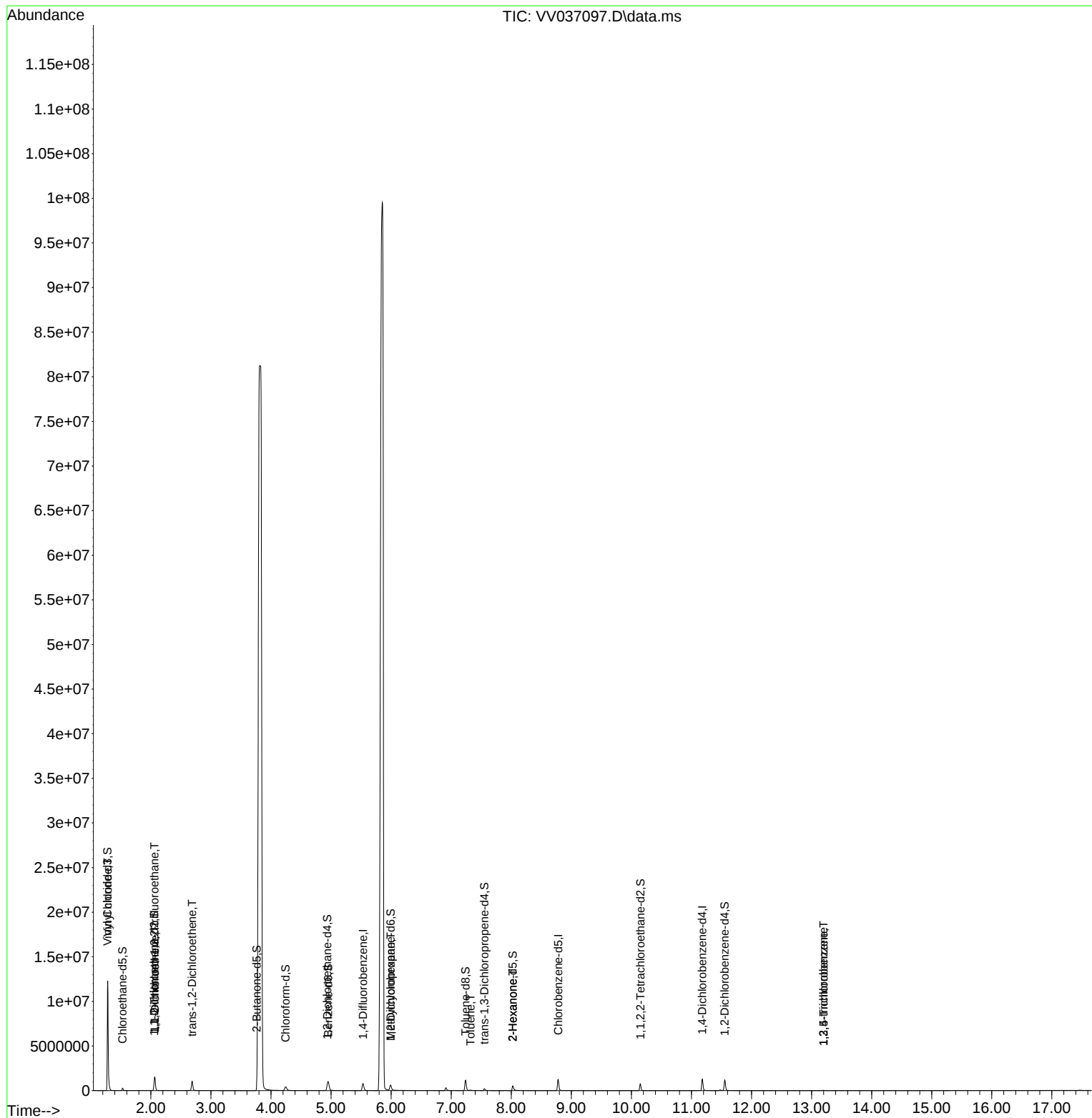
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	694311	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	667572	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	323410	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	265555	41.811	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.620%		
7) Chloroethane-d5	1.529	69	179048	36.476	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	72.960%		
11) 1,1-Dichloroethene-d2	2.057	65	101397	37.984	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.960%		
21) 2-Butanone-d5	3.764	46	197	0.080	ug/L	-0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	0.080%#		
24) Chloroform-d	4.243	84	422262	42.480	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.960%		
26) 1,2-Dichloroethane-d4	4.937	65	287568	45.938	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.880%		
32) Benzene-d6	4.953	84	844291	41.873	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.740%		
36) 1,2-Dichloropropane-d6	5.992	67	269566	42.684	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.360%		
41) Toluene-d8	7.240	98	768021	42.205	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.400%		
43) trans-1,3-Dichloroprop...	7.551	79	121553	41.602	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.200%		
47) 2-Hexanone-d5	8.024	63	191923	111.351	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.350%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	366932	47.906	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.820%		
66) 1,2-Dichlorobenzene-d4	11.555	152	289676	44.722	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.440%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	7700007	1243.064	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	4002	0.832	ug/L #	30
12) 1,1-Dichloroethene	2.066	96	347473	76.709	ug/L	89
17) trans-1,2-Dichloroethene	2.687	96	372972	79.315	ug/L	98
35) Methylcyclohexane	5.992	83	63582	7.696	ug/L #	19
42) Toluene	7.323	91	42493	2.118	ug/L	99
48) 2-Hexanone	8.024	43	20662	5.088	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.201	180	8815	1.309	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	8815	1.390	ug/L	99

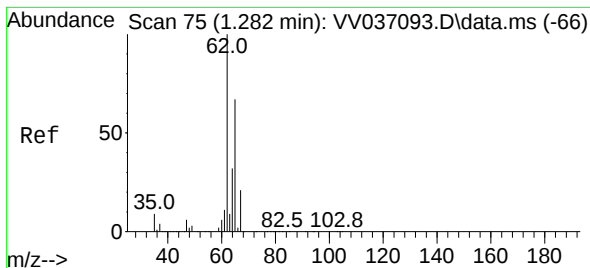
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Aug 28 05:52:22 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1243.064 ug/L

RT: 1.282 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV037097.D

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Instrument :

MSVOA_V

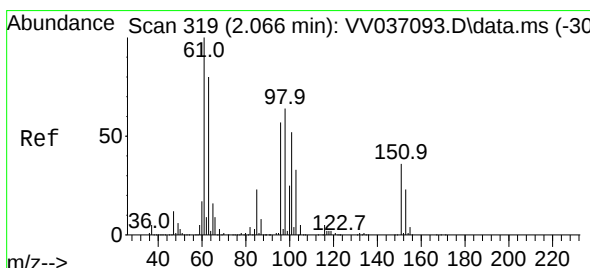
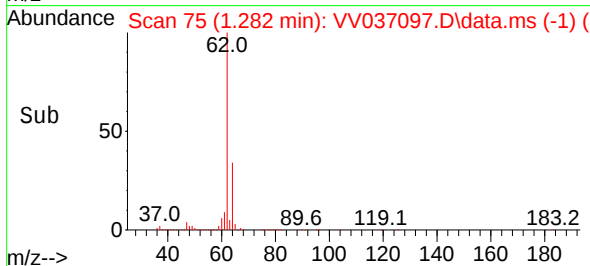
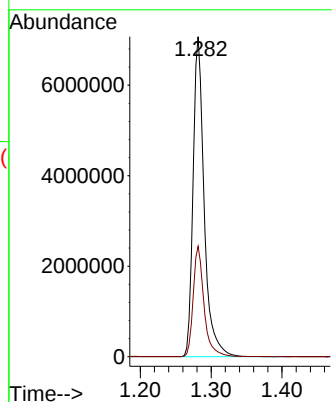
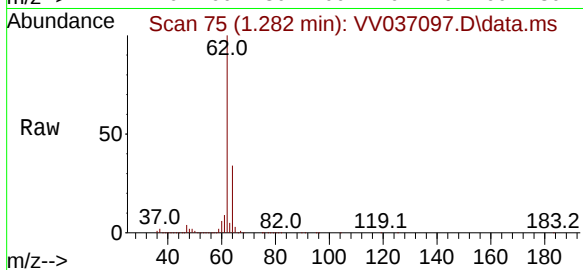
ClientSampleId :

Tgt Ion: 62 Resp: 7700007

Ion Ratio Lower Upper

62 100

64 34.5 22.8 42.4



#10

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

Concen: 0.832 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.006 min

Lab File: VV037097.D

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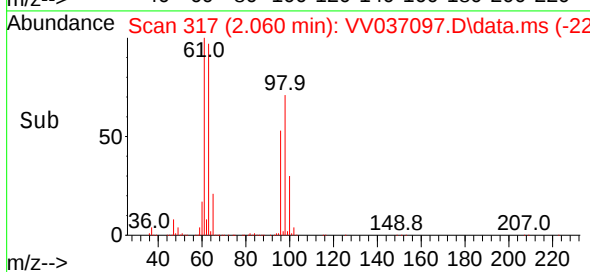
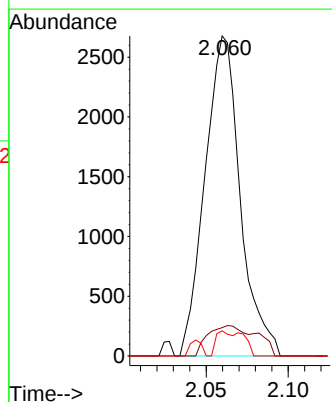
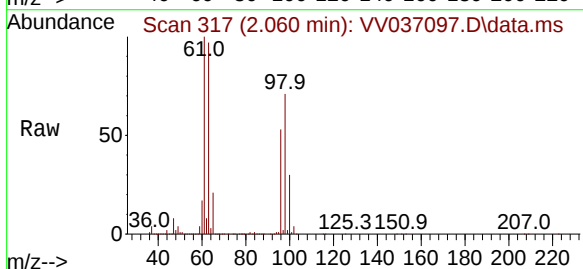
Tgt Ion:101 Resp: 4002

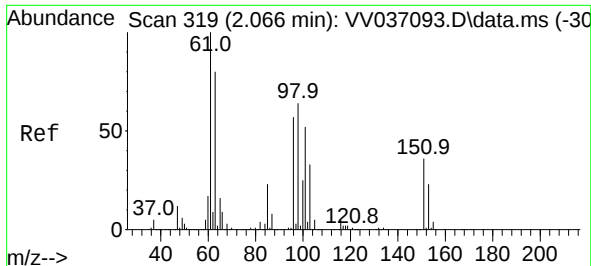
Ion Ratio Lower Upper

101 100

85 9.9 35.6 53.4#

151 3.6 55.0 82.4#





#12

1,1-Dichloroethene

Concen: 76.709 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV037097.D

Acq: 27 Aug 2024 19:40

Instrument :

MSVOA_V

ClientSampleId :

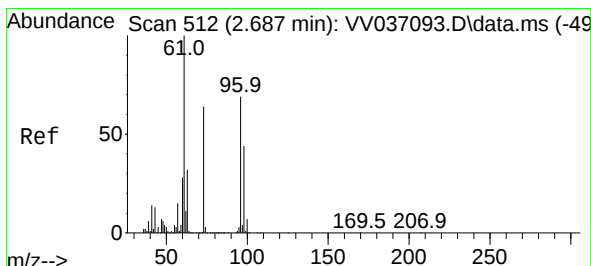
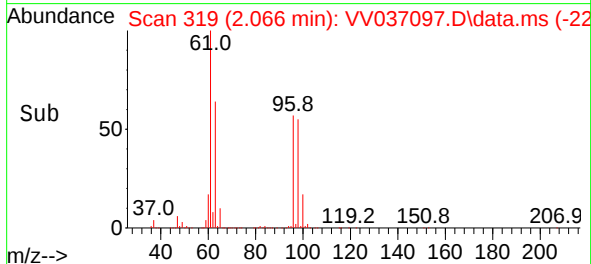
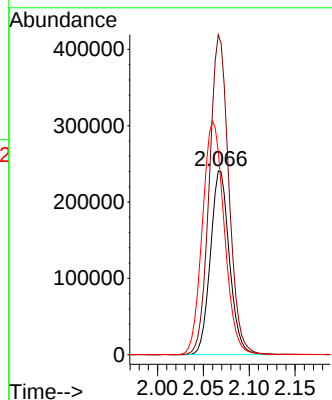
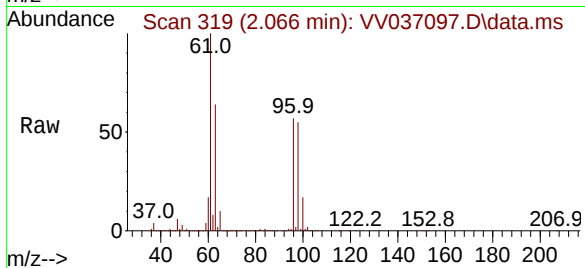
Tgt Ion: 96 Resp: 347473

Ion Ratio Lower Upper

96 100

61 174.3 123.8 229.8

63 110.7 96.5 179.1



#17

trans-1,2-Dichloroethene

Concen: 79.315 ug/L

RT: 2.687 min Scan# 512

Delta R.T. 0.000 min

Lab File: VV037097.D

Acq: 27 Aug 2024 19:40

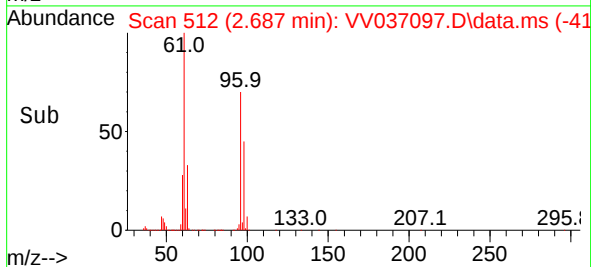
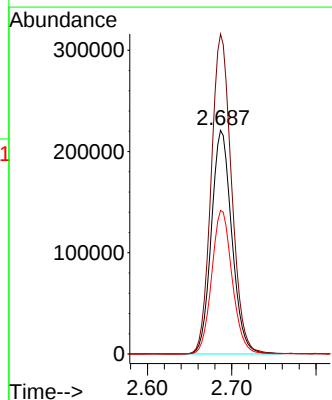
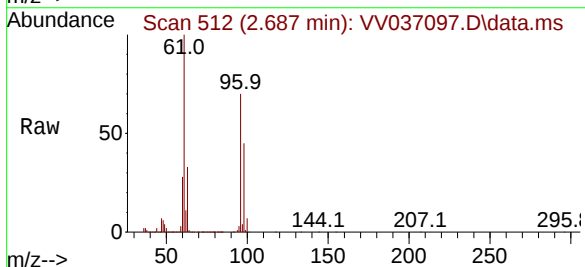
Tgt Ion: 96 Resp: 372972

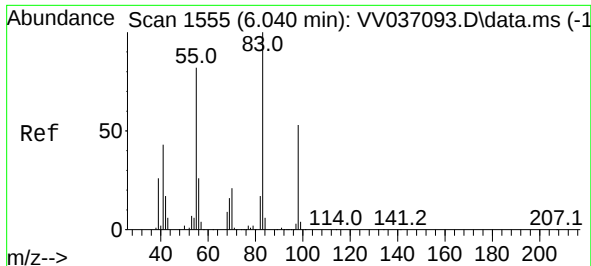
Ion Ratio Lower Upper

96 100

61 143.1 102.3 189.9

98 64.2 44.8 83.2





#35

Methylcyclohexane

Concen: 7.696 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.048 min

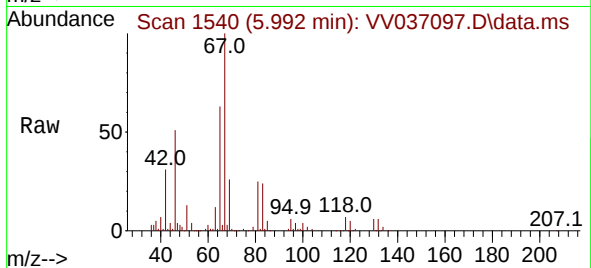
Lab File: VV037097.D

Acq: 27 Aug 2024 19:40

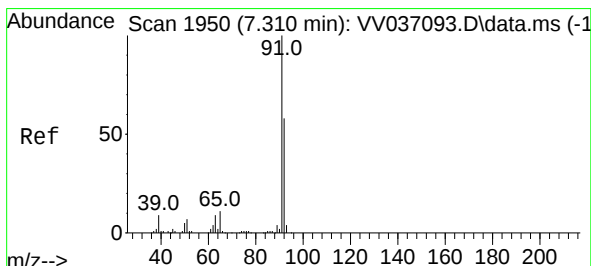
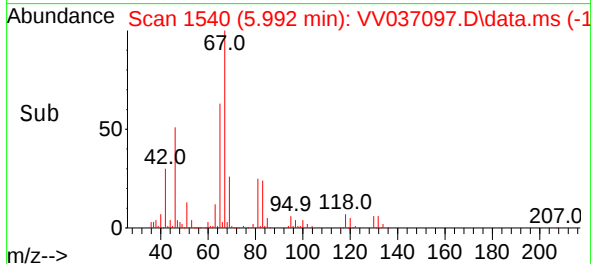
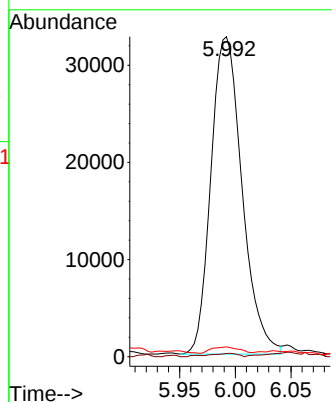
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	83	Resp:	63582
Ion Ratio	Lower	Upper	
83	100		
55	0.8	61.2	91.8#
98	1.7	39.3	58.9#



#42

Toluene

Concen: 2.118 ug/L

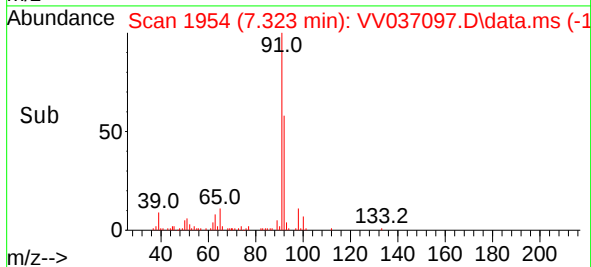
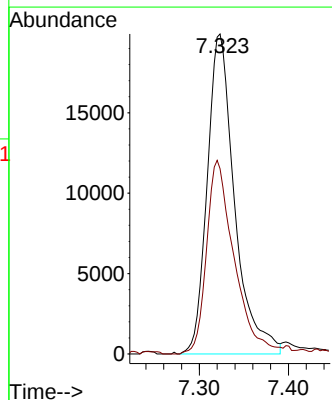
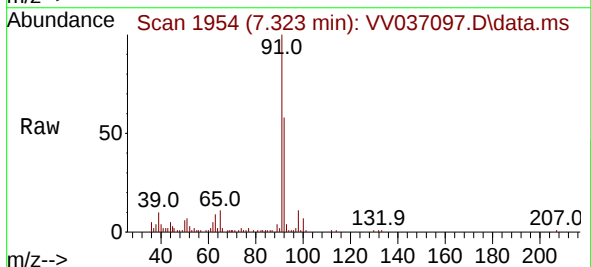
RT: 7.323 min Scan# 1954

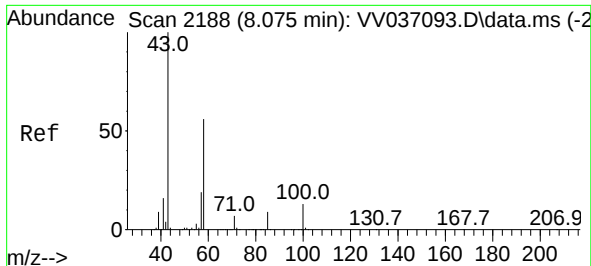
Delta R.T. 0.013 min

Lab File: VV037097.D

Acq: 27 Aug 2024 19:40

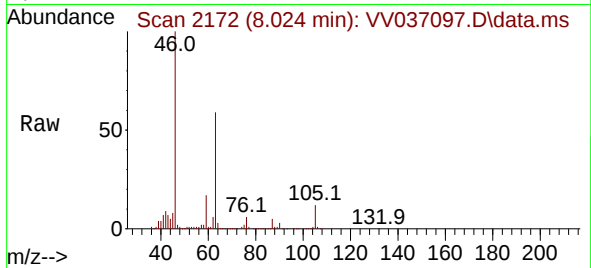
Tgt Ion:	91	Resp:	42493
Ion Ratio	Lower	Upper	
91	100		
92	57.9	40.8	75.8



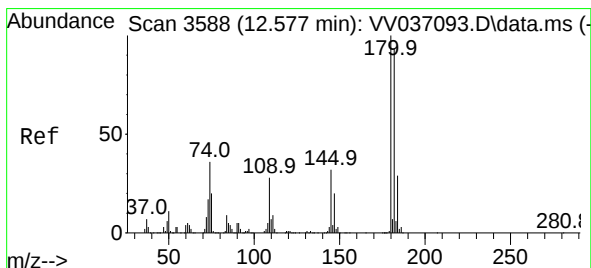
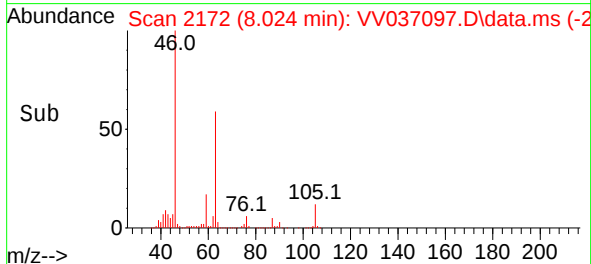
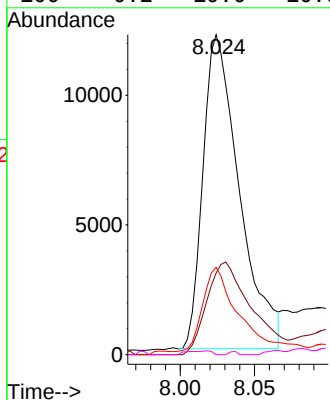


#48
2-Hexanone
Concen: 5.088 ug/L
RT: 8.024 min Scan# 2188
Delta R.T. -0.051 min
Lab File: VV037097.D
Acq: 27 Aug 2024 19:40

Instrument :
MSVOA_V
ClientSampleId :

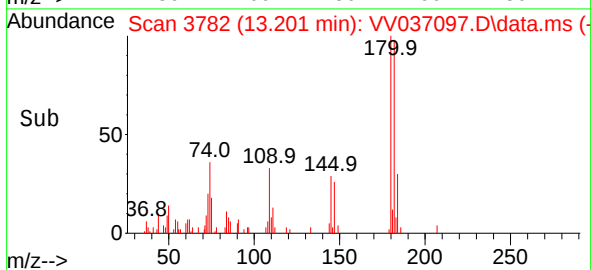
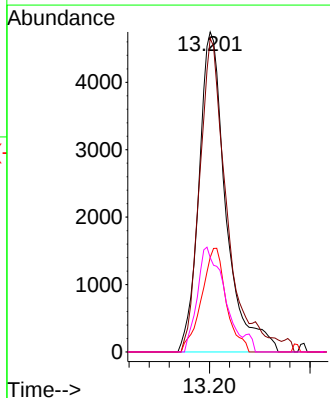
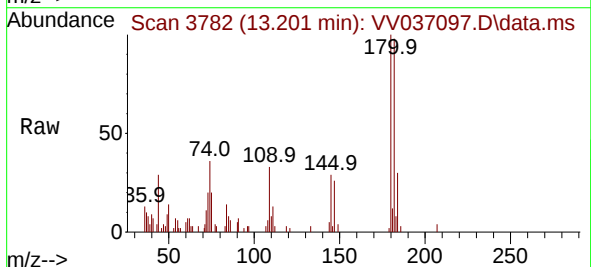


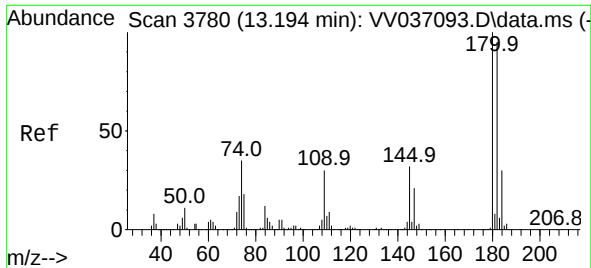
Tgt Ion: 43	Resp: 20662
Ion Ratio	Lower Upper
43 100	
58 36.2	46.0 69.0#
57 27.8	15.6 23.4#
100 0.2	10.6 16.0#



#69
1,3,5-Trichlorobenzene
Concen: 1.309 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.624 min
Lab File: VV037097.D
Acq: 27 Aug 2024 19:40

Tgt Ion:180	Resp:	8815	
Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.7	115.1
184	29.7	24.2	36.2
145	32.6	25.5	38.3





#70

1,2,4-trichlorobenzene

Concen: 1.390 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.006 min

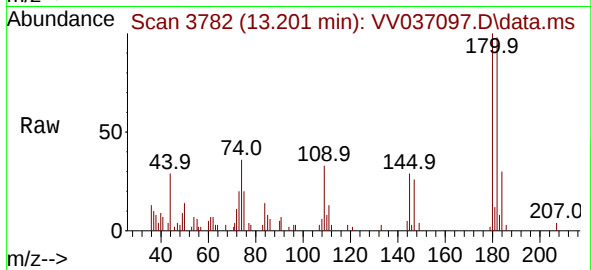
Lab File: VV037097.D

Acq: 27 Aug 2024 19:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 8815

Ion Ratio Lower Upper

180 100

182 93.2 75.7 113.5

145 32.6 26.0 39.0

