

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037446.D
 Acq On : 20 Sep 2024 21:42
 Operator : SY/MD
 Sample : P4081-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 21 01:16:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:15:22 2024
 Response via : Initial Calibration

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

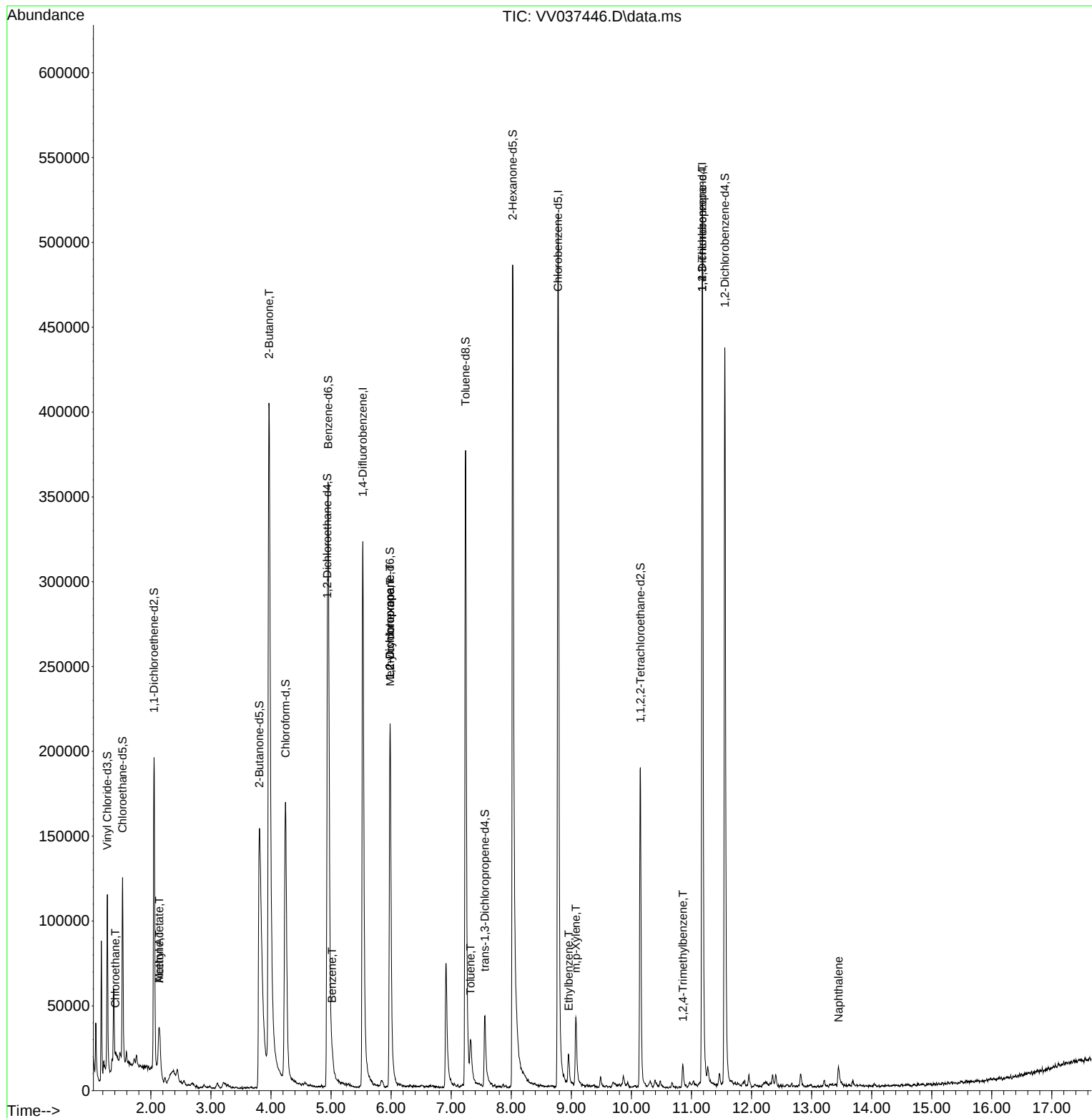
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	301573	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	302117	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	141608	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	54102	3.058	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.200%
7) Chloroethane-d5	1.529	69	69327	3.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.053	65	31275	3.423	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.400%
20) 2-Butanone-d5	3.805	46	254020	48.042	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.080%
24) Chloroform-d	4.243	84	185939	4.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	4.937	65	91644	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	4.953	84	341709	4.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	5.982	67	113299	4.498	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.239	98	270830	3.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	7.561	79	32917	3.972	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.024	63	200612	49.553	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.100%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	96577	4.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.557	152	116734	4.637	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						Qvalue
8) Chloroethane	1.410	64	17000	0.962	ug/L #	53
13) Acetone	2.140	43	51151	13.894	ug/L	67
15) Methyl Acetate	2.140	43	51151	6.066	ug/L #	49
21) 2-Butanone	3.966	43	686765	122.735	ug/L #	51
33) Benzene	5.018	78	17352	0.191	ug/L	100
35) Methylcyclohexane	5.985	83	27555	0.739	ug/L #	20
37) 1,2-Dichloropropane	5.982	63	12311	0.532	ug/L #	87
42) Toluene	7.323	91	21979	0.232	ug/L	97
52) Ethylbenzene	8.956	91	14715	0.139	ug/L	100
53) m,p-Xylene	9.075	106	13369	0.344	ug/L	89
61) 1,2,3-Trichloropropane	11.181	75	17613	1.367	ug/L #	64
63) 1,2,4-Trimethylbenzene	10.860	105	8489	0.112	ug/L	94
71) Naphthalene	13.448	128	11803	0.294	ug/L #	95

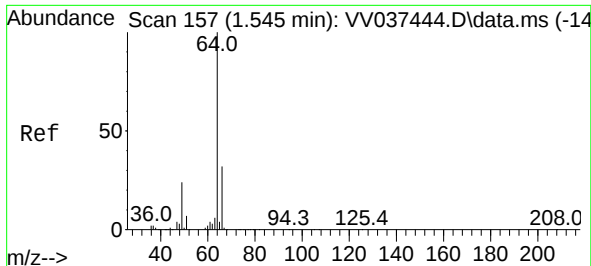
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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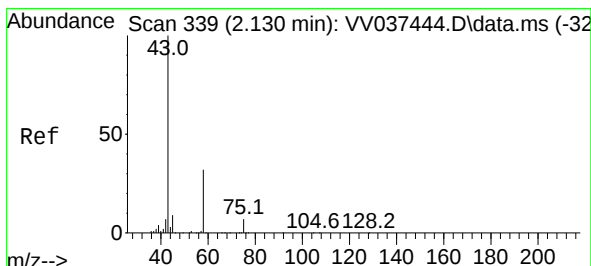
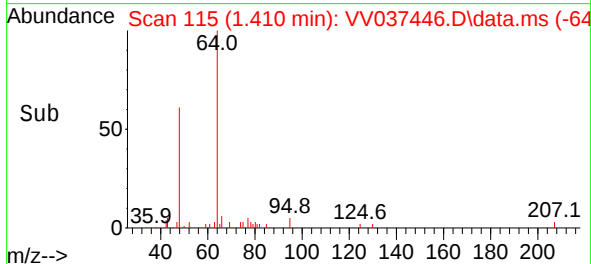
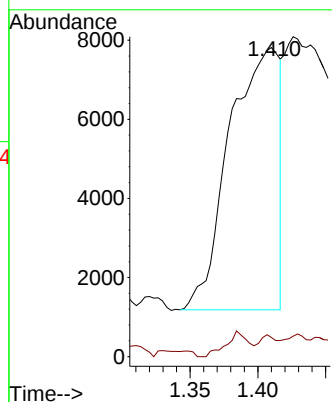
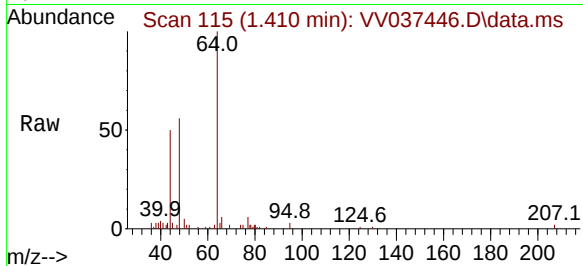




#8
Chloroethane
Concen: 0.962 ug/L
RT: 1.410 min Scan# 115
Delta R.T. -0.135 min
Lab File: VV037446.D
Acq: 20 Sep 2024 21:42

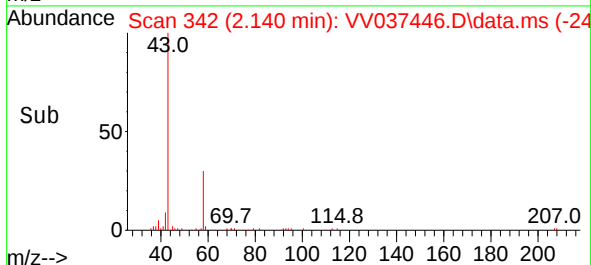
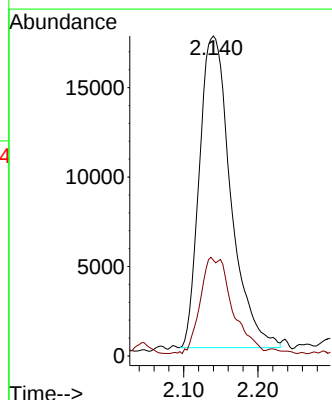
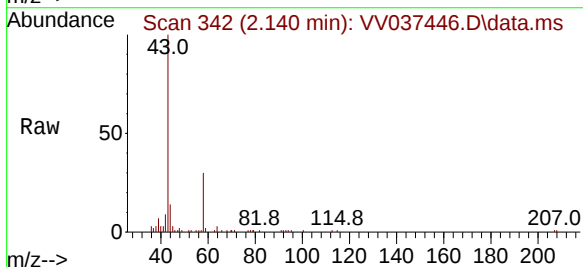
Instrument :
MSVOA_V
ClientSampleId :

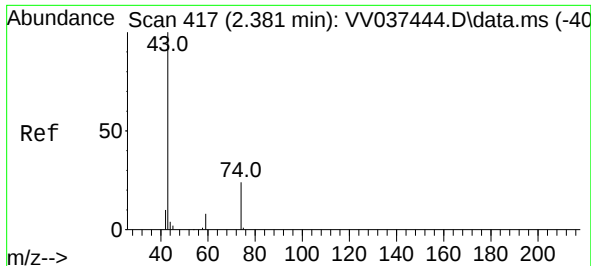
Tgt Ion: 64 Resp: 17000
Ion Ratio Lower Upper
64 100
66 6.2 22.7 42.1#



#13
Acetone
Concen: 13.894 ug/L
RT: 2.140 min Scan# 342
Delta R.T. 0.010 min
Lab File: VV037446.D
Acq: 20 Sep 2024 21:42

Tgt Ion: 43 Resp: 51151
Ion Ratio Lower Upper
43 100
58 15.4 0.0 69.2





#15

Methyl Acetate

Concen: 6.066 ug/L

RT: 2.140 min Scan# 34

Delta R.T. -0.241 min

Lab File: VV037446.D

Acq: 20 Sep 2024 21:42

Instrument :

MSVOA_V

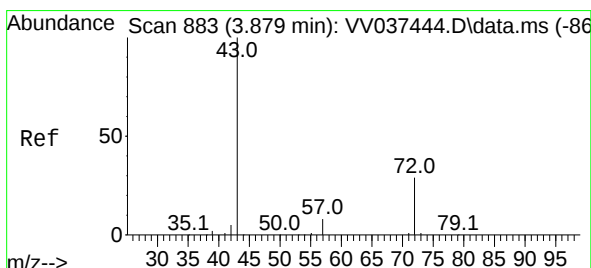
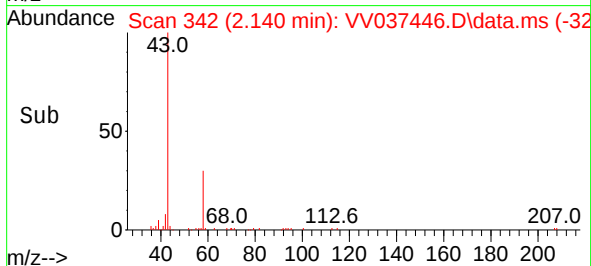
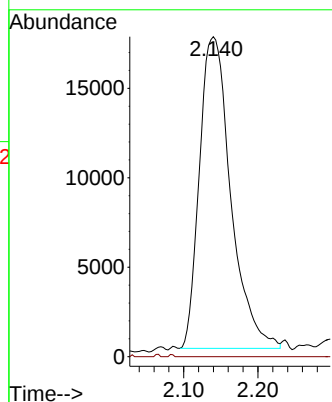
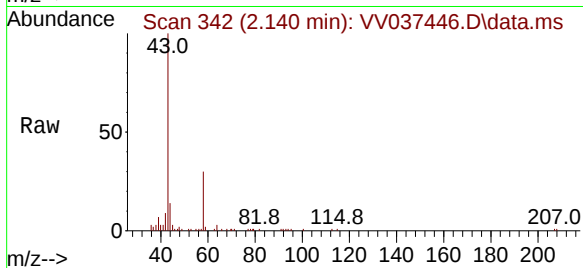
ClientSampleId :

Tgt Ion: 43 Resp: 51151

Ion Ratio Lower Upper

43 100

74 0.0 21.0 31.4#



#21

2-Butanone

Concen: 122.735 ug/L

RT: 3.966 min Scan# 910

Delta R.T. 0.087 min

Lab File: VV037446.D

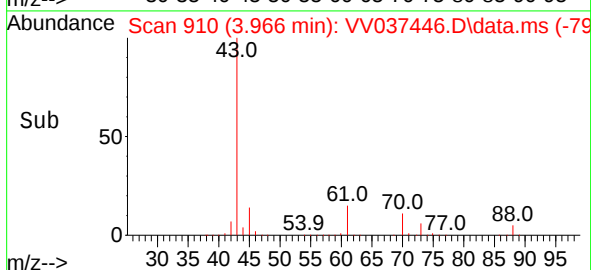
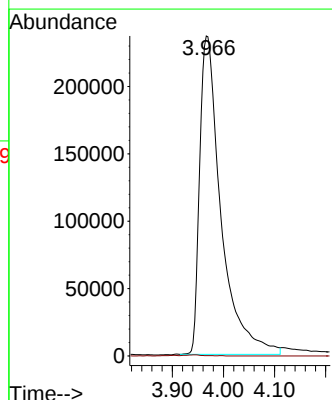
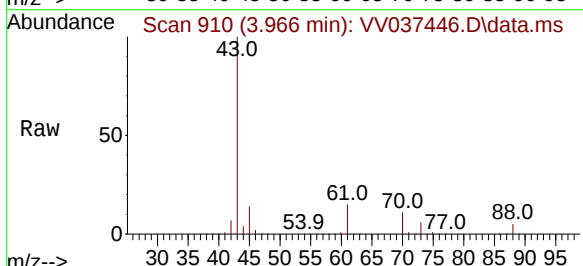
Acq: 20 Sep 2024 21:42

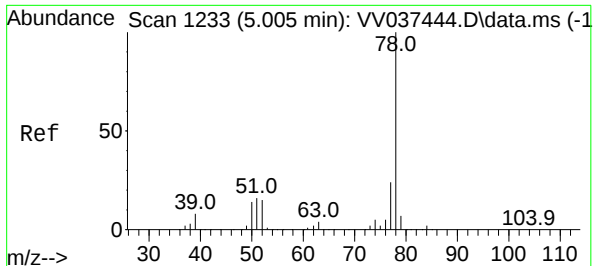
Tgt Ion: 43 Resp: 686765

Ion Ratio Lower Upper

43 100

72 0.0 12.2 36.6#





#33

Benzene

Concen: 0.191 ug/L

RT: 5.018 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV037446.D

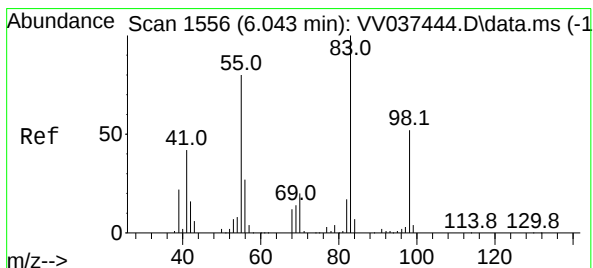
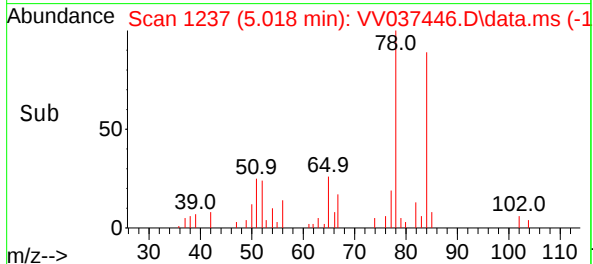
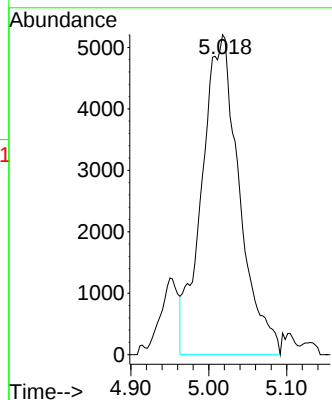
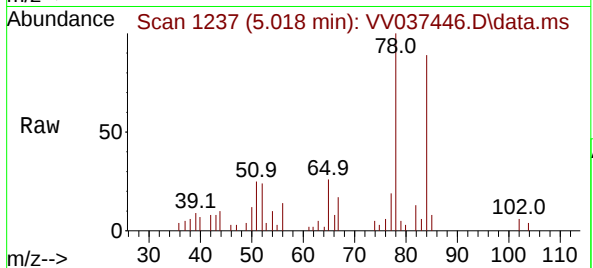
Acq: 20 Sep 2024 21:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 17352



#35

Methylcyclohexane

Concen: 0.739 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV037446.D

Acq: 20 Sep 2024 21:42

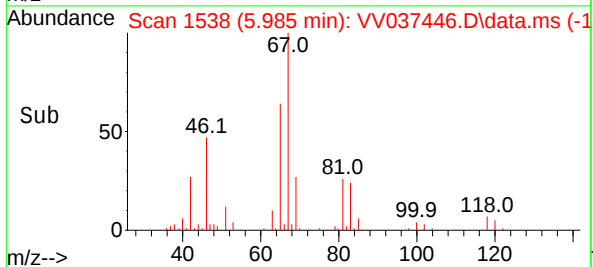
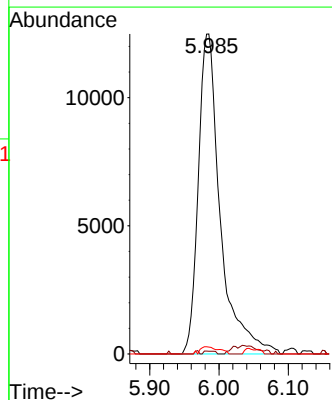
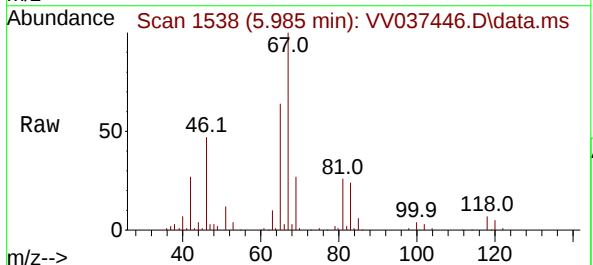
Tgt Ion: 83 Resp: 27555

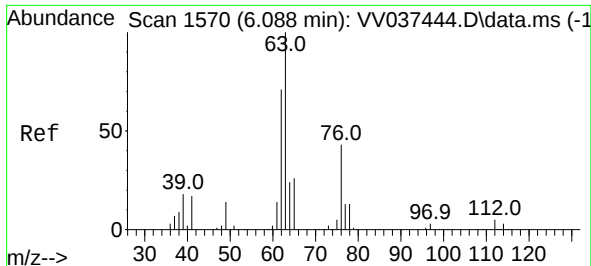
Ion Ratio Lower Upper

83 100

55 0.5 60.3 90.5#

98 1.9 38.2 57.4#

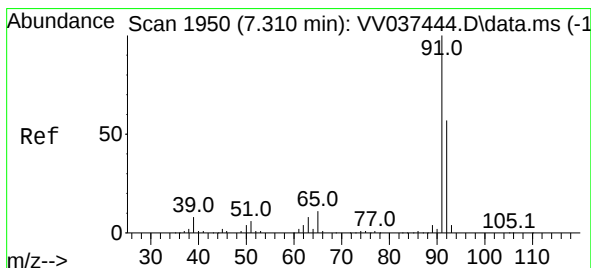
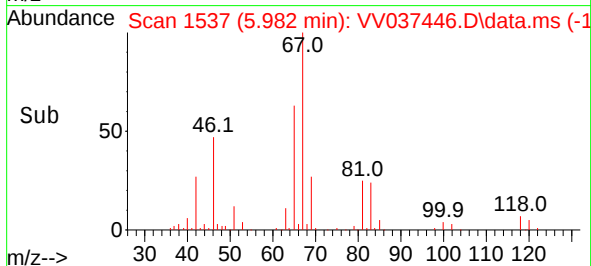
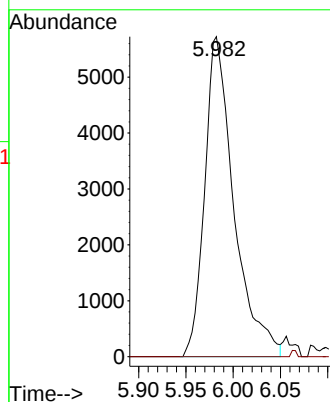
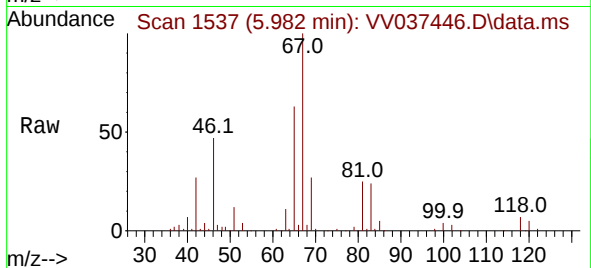




#37
1,2-Dichloropropane
Concen: 0.532 ug/L
RT: 5.982 min Scan# 1
Delta R.T. -0.106 min
Lab File: VV037446.D
Acq: 20 Sep 2024 21:42

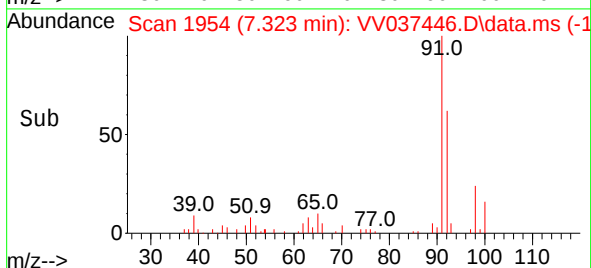
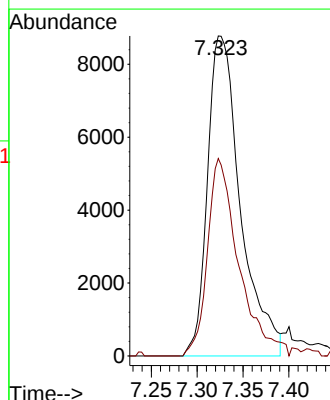
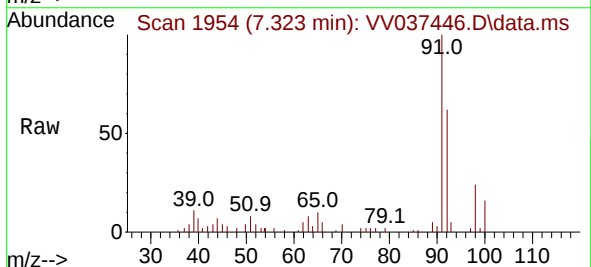
Instrument :
MSVOA_V
ClientSampleId :

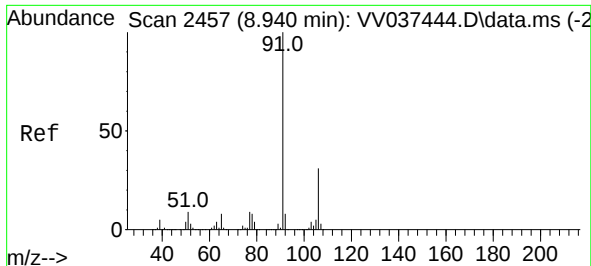
Tgt Ion: 63 Resp: 12311
Ion Ratio Lower Upper
63 100
112 0.3 3.7 5.5#



#42
Toluene
Concen: 0.232 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.013 min
Lab File: VV037446.D
Acq: 20 Sep 2024 21:42

Tgt Ion: 91 Resp: 21979
Ion Ratio Lower Upper
91 100
92 61.7 41.4 77.0





#52

Ethylbenzene

Concen: 0.139 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.016 min

Lab File: VV037446.D

Acq: 20 Sep 2024 21:42

Instrument :

MSVOA_V

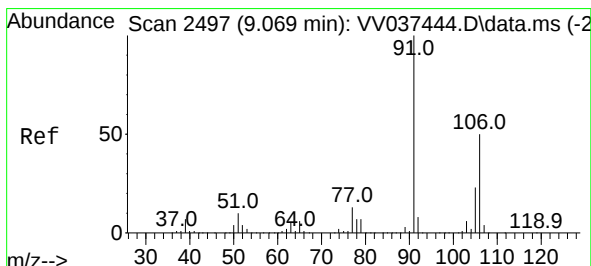
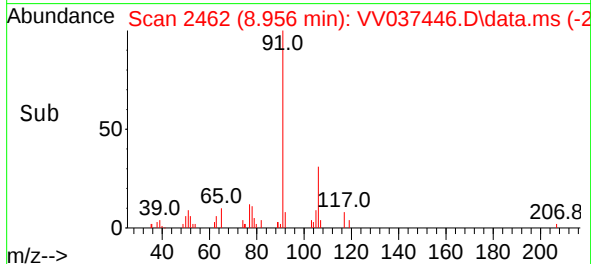
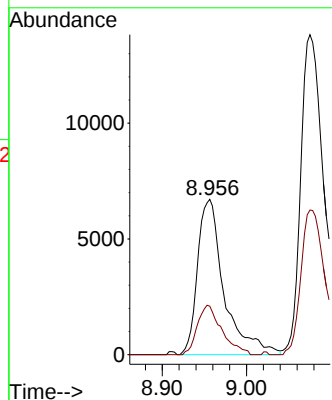
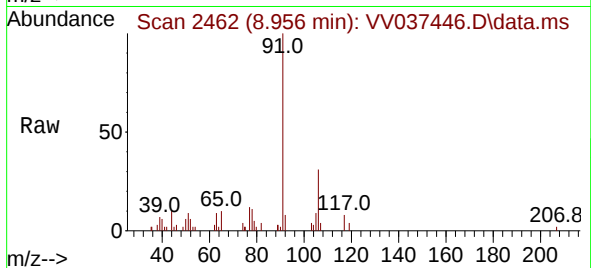
ClientSampleId :

Tgt Ion: 91 Resp: 14715

Ion Ratio Lower Upper

91 100

106 31.2 21.7 40.3



#53

m,p-Xylene

Concen: 0.344 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.006 min

Lab File: VV037446.D

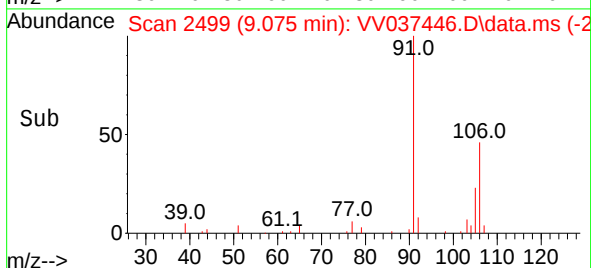
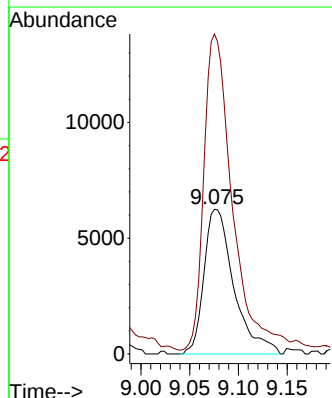
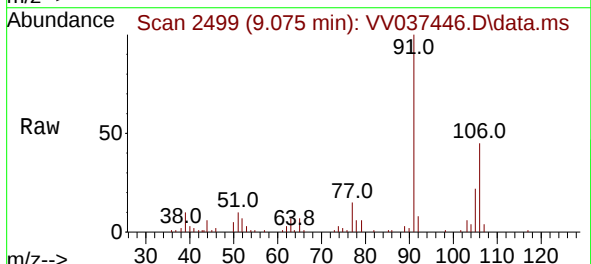
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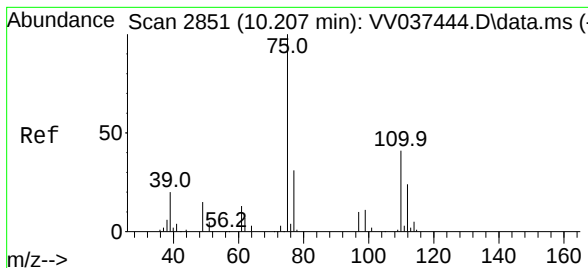
Tgt Ion: 106 Resp: 13369

Ion Ratio Lower Upper

106 100

91 221.1 143.3 266.1





#61

1,2,3-Trichloropropane

Concen: 1.367 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.974 min

Lab File: VV037446.D

Acq: 20 Sep 2024 21:42

Instrument :

MSVOA_V

ClientSampleId :

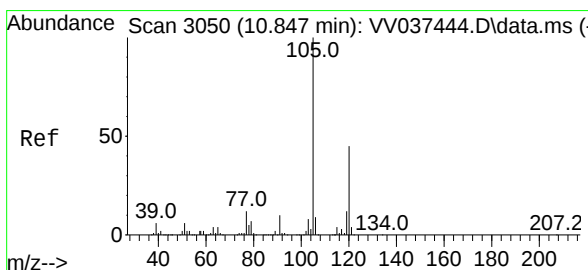
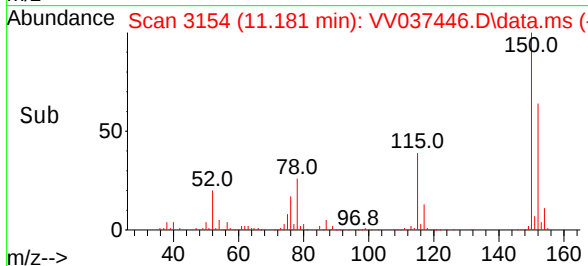
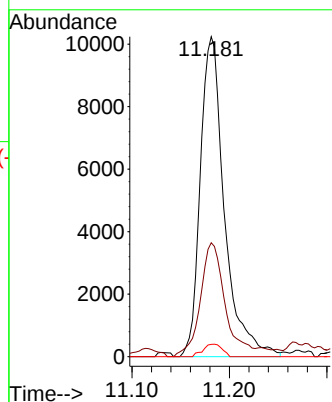
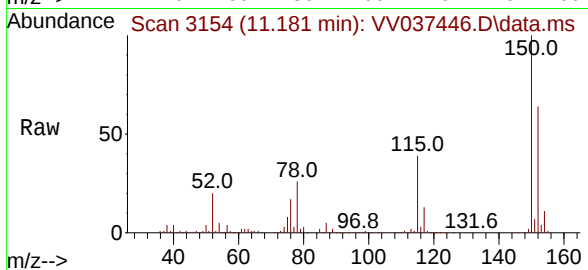
Tgt Ion: 75 Resp: 17613

Ion Ratio Lower Upper

75 100

77 36.5 25.6 38.4

110 3.1 31.0 46.4#



#63

1,2,4-Trimethylbenzene

Concen: 0.112 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.013 min

Lab File: VV037446.D

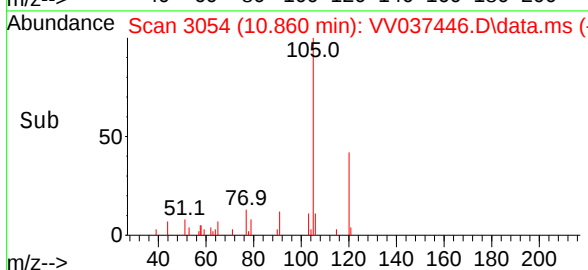
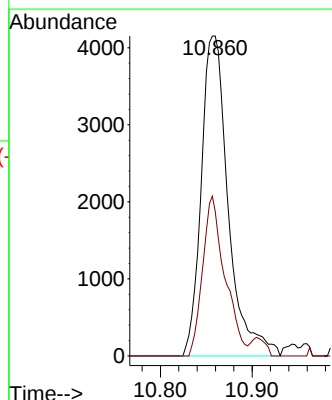
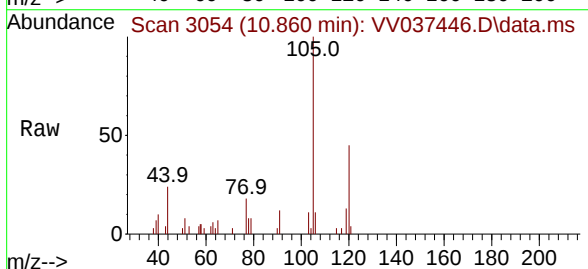
Acq: 20 Sep 2024 21:42

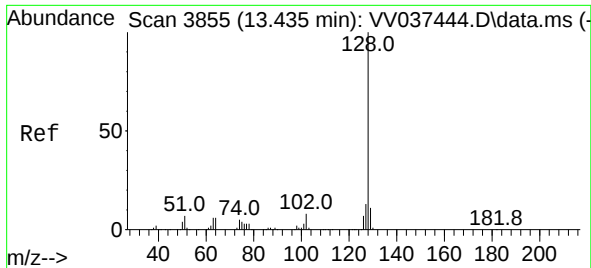
Tgt Ion: 105 Resp: 8489

Ion Ratio Lower Upper

105 100

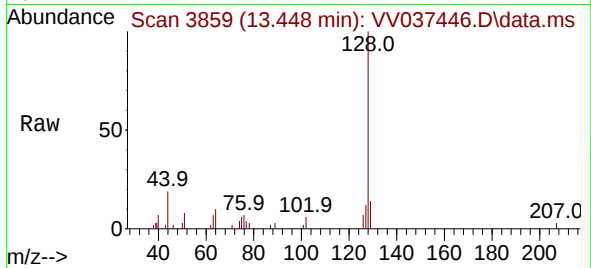
120 41.3 36.2 54.2





#71
Naphthalene
Concen: 0.294 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.013 min
Lab File: VV037446.D
Acq: 20 Sep 2024 21:42

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 11803
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 10.0 10.2 15.2#

