

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037460.D
 Acq On : 21 Sep 2024 03:19
 Operator : SY/MD
 Sample : P4130-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 21 04:55:39 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	304679	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	327599	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	158431	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	54086	3.026	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.529	69	70700	3.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.053	65	31752	3.440	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.799	46	269275	50.408	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.820%
24) Chloroform-d	4.243	84	185348	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	4.937	65	90221	4.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	4.953	84	342462	3.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	5.982	67	125956	4.611	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.239	98	304601	3.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	7.558	79	24346	2.710	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.200%#
46) 2-Hexanone-d5	8.021	63	227288	51.775	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.560%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	104183	4.680	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	126831	4.503	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%

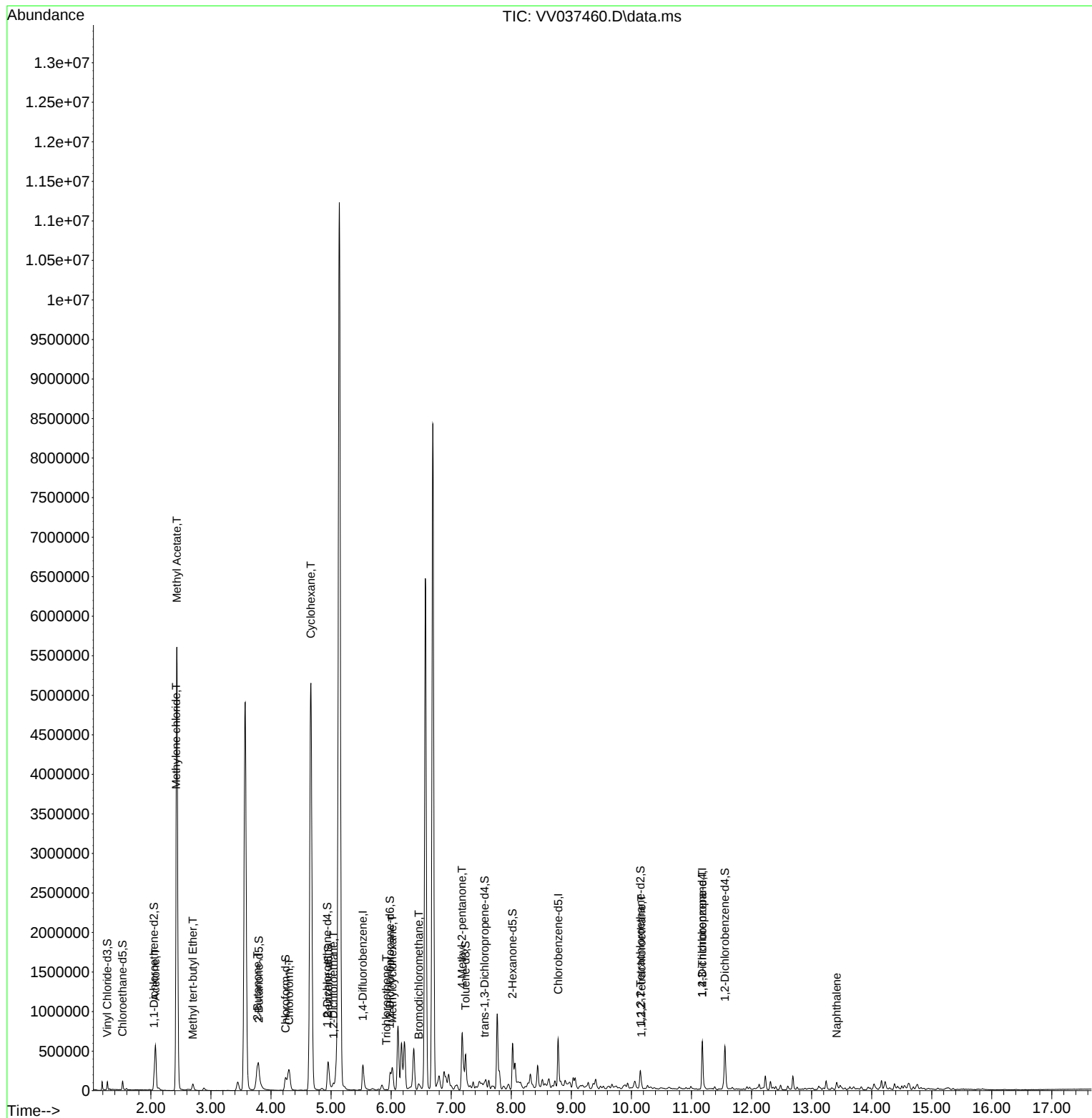
Target Compounds				Qvalue		
13) Acetone	2.076	43	170044	45.717	ug/L	51
15) Methyl Acetate	2.433	43	3376678	396.364	ug/L #	49
16) Methylene chloride	2.420	84	21711	0.884	ug/L #	1
17) Methyl tert-butyl Ether	2.699	73	75581	1.489	ug/L #	79
21) 2-Butanone	3.773	43	125628	22.223	ug/L #	52
25) Chloroform	4.301	83	12621	0.292	ug/L #	1
27) 1,2-Dichloroethane	5.040	62	72774	2.976	ug/L #	91
30) Cyclohexane	4.664	56	3010111	79.875	ug/L #	16
34) Trichloroethene	5.921	95	3594	0.135	ug/L #	8
35) Methylcyclohexane	6.021	83	85542	2.116	ug/L #	69
38) Bromodichloromethane	6.461	83	53529	1.703	ug/L #	28
40) 4-Methyl-2-pentanone	7.182	43	94164	6.549	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.169	83	3808	0.175	ug/L #	43
61) 1,2,3-Trichloropropane	11.181	75	20186	1.400	ug/L #	66
71) Naphthalene	13.419	128	6295	0.140	ug/L #	1

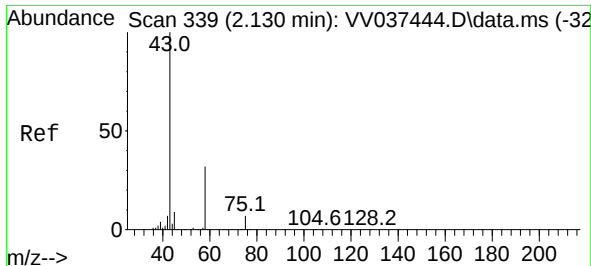
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 21 01:15:22 2024
Response via : Initial Calibration





#13

Acetone

Concen: 45.717 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.055 min

Lab File: VV037460.D

Acq: 21 Sep 2024 03:19

Instrument :

MSVOA_V

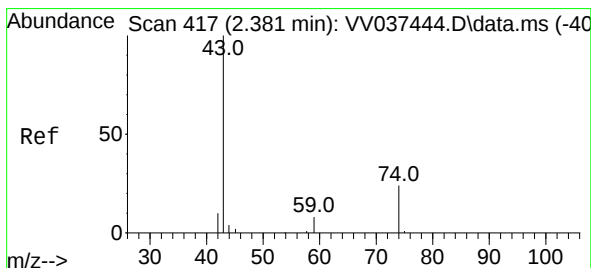
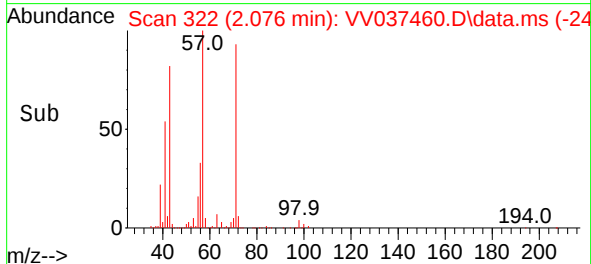
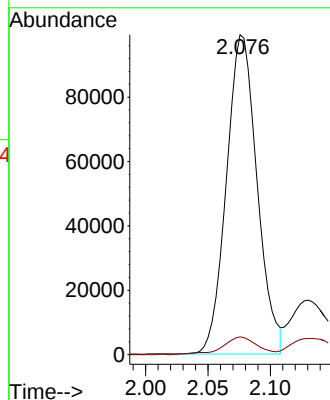
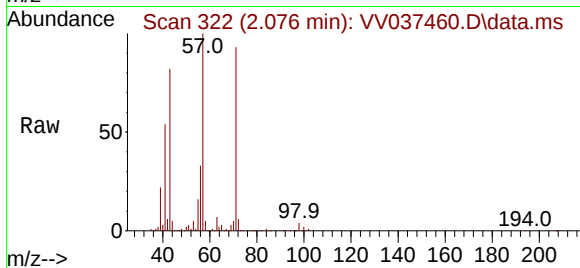
ClientSampleId :

Tgt Ion: 43 Resp: 170044

Ion Ratio Lower Upper

43 100

58 6.3 0.0 69.2



#15

Methyl Acetate

Concen: 396.364 ug/L

RT: 2.433 min Scan# 433

Delta R.T. 0.051 min

Lab File: VV037460.D

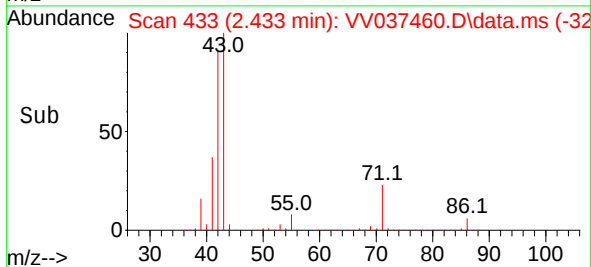
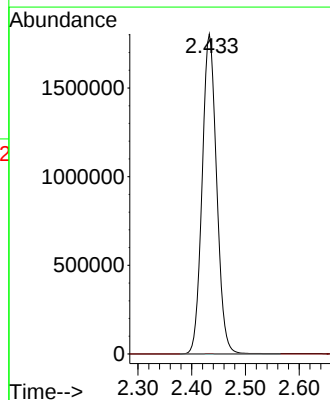
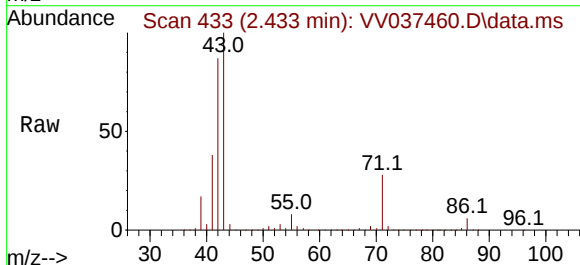
Acq: 21 Sep 2024 03:19

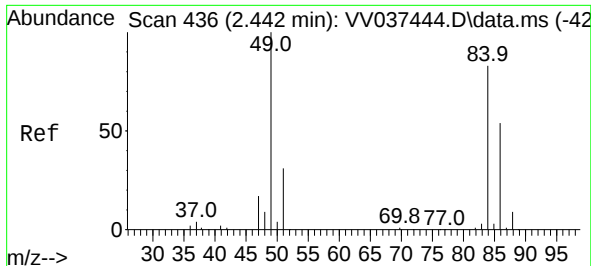
Tgt Ion: 43 Resp: 3376678

Ion Ratio Lower Upper

43 100

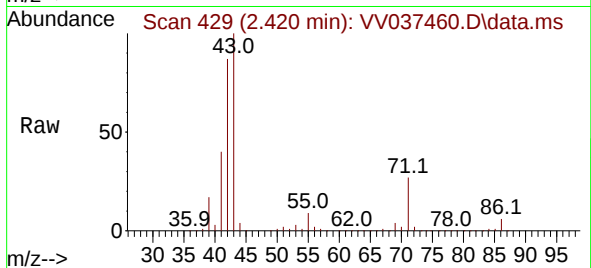
74 0.0 21.0 31.4#



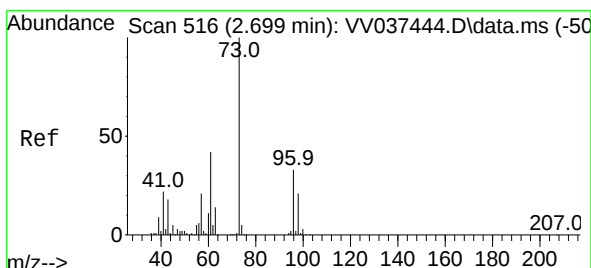
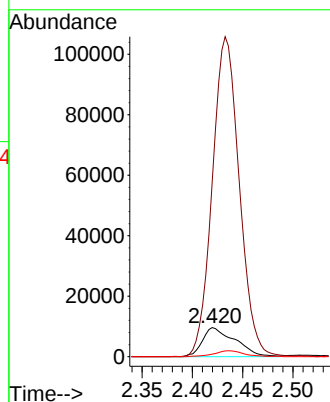
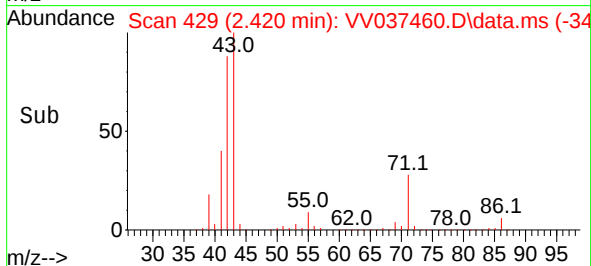


#16
Methylene chloride
Concen: 0.884 ug/L
RT: 2.420 min Scan# 41
Delta R.T. -0.022 min
Lab File: VV037460.D
Acq: 21 Sep 2024 03:19

Instrument :
MSVOA_V
ClientSampleId :

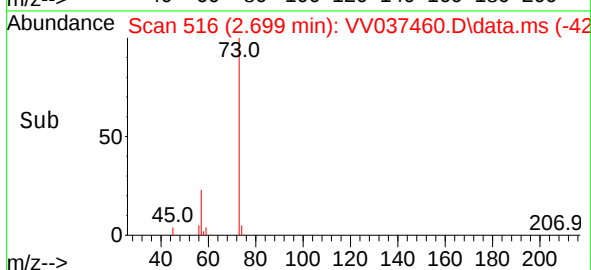
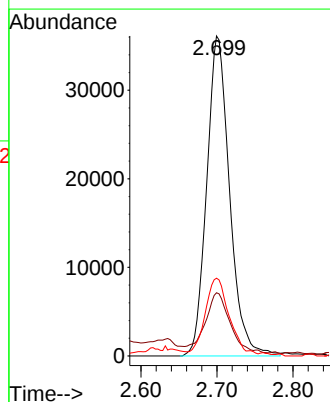
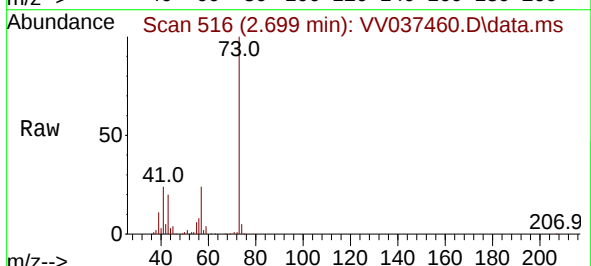


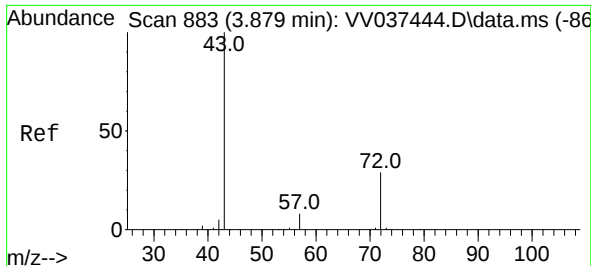
Tgt Ion: 84 Resp: 21711
Ion Ratio Lower Upper
84 100
86 600.2 44.0 81.8#
49 8.8 83.0 154.1#



#17
Methyl tert-butyl Ether
Concen: 1.489 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV037460.D
Acq: 21 Sep 2024 03:19

Tgt Ion: 73 Resp: 75581
Ion Ratio Lower Upper
73 100
43 0.0 14.5 21.7#
57 24.6 17.7 26.5





#21

2-Butanone

Concen: 22.223 ug/L

RT: 3.773 min Scan# 84

Delta R.T. -0.106 min

Lab File: VV037460.D

Acq: 21 Sep 2024 03:19

Instrument :

MSVOA_V

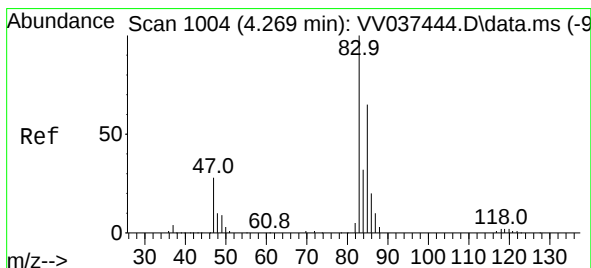
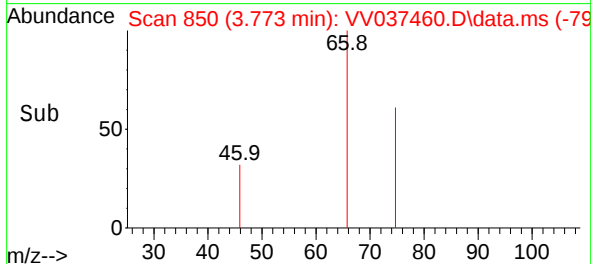
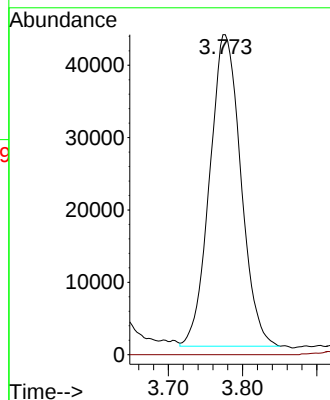
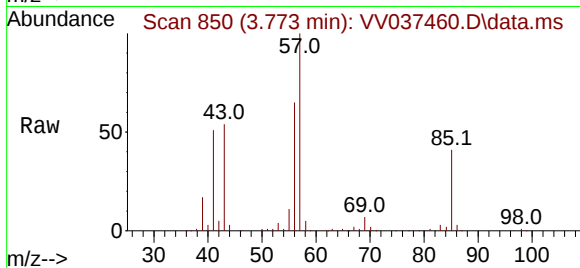
ClientSampleId :

Tgt Ion: 43 Resp: 125628

Ion Ratio Lower Upper

43 100

72 0.6 12.2 36.6#



#25

Chloroform

Concen: 0.292 ug/L

RT: 4.301 min Scan# 1014

Delta R.T. 0.032 min

Lab File: VV037460.D

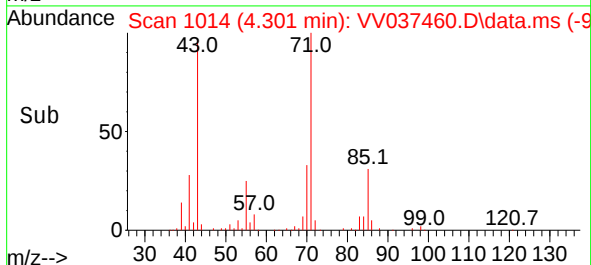
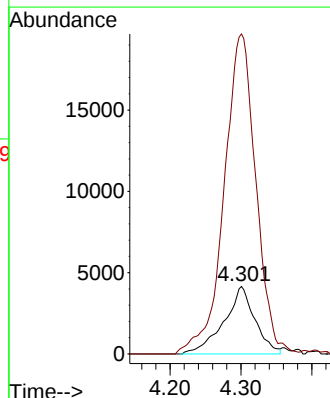
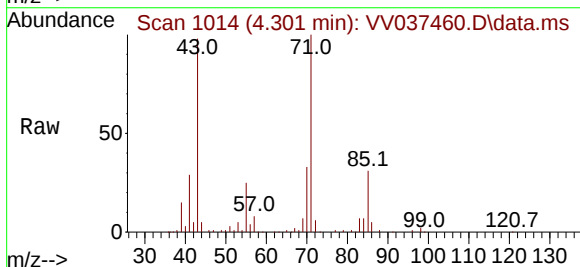
Acq: 21 Sep 2024 03:19

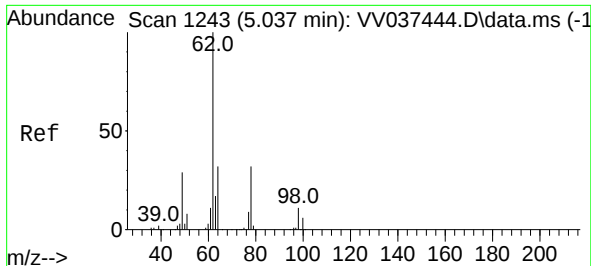
Tgt Ion: 83 Resp: 12621

Ion Ratio Lower Upper

83 100

85 473.4 43.8 81.4#





#27

1,2-Dichloroethane

Concen: 2.976 ug/L

RT: 5.040 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV037460.D

Acq: 21 Sep 2024 03:19

Instrument :

MSVOA_V

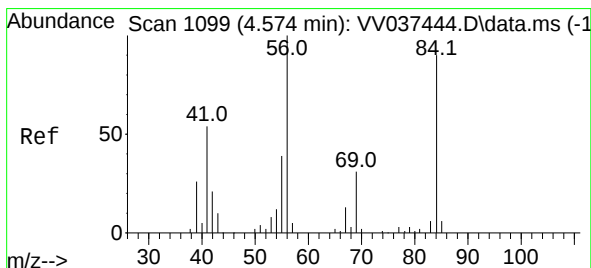
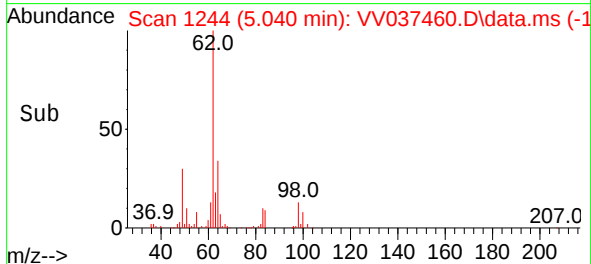
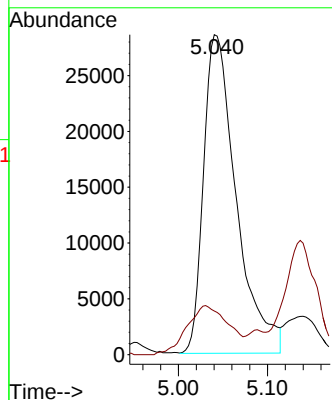
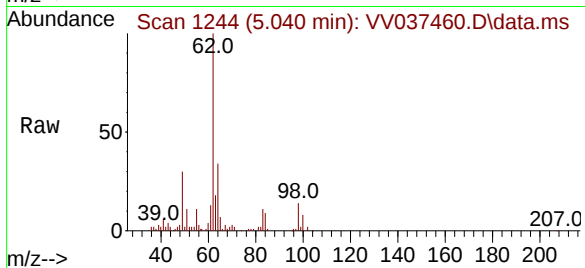
ClientSampleId :

Tgt Ion: 62 Resp: 72774

Ion Ratio Lower Upper

62 100

98 13.7 8.2 12.4#



#30

Cyclohexane

Concen: 79.875 ug/L

RT: 4.664 min Scan# 1127

Delta R.T. 0.090 min

Lab File: VV037460.D

Acq: 21 Sep 2024 03:19

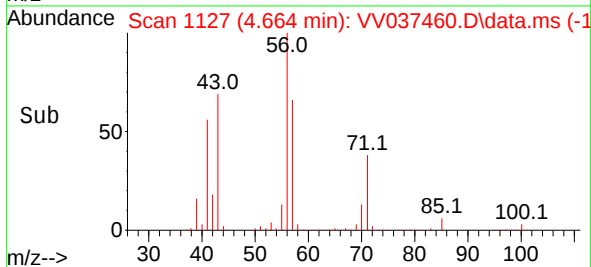
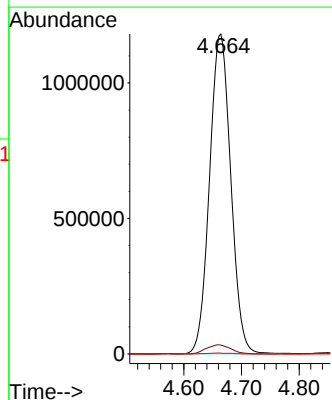
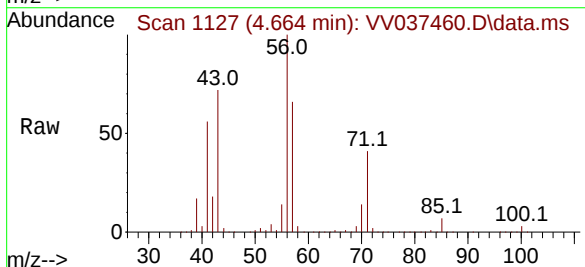
Tgt Ion: 56 Resp: 3010111

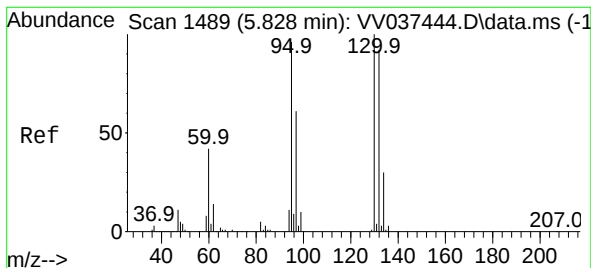
Ion Ratio Lower Upper

56 100

69 3.3 24.1 36.1#

84 0.2 73.1 109.7#





#34

Trichloroethene

Concen: 0.135 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.093 min

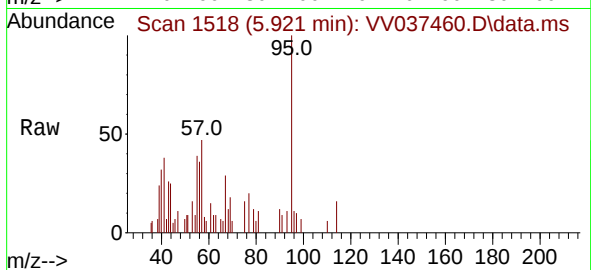
Lab File: VV037460.D

Acq: 21 Sep 2024 03:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 3594

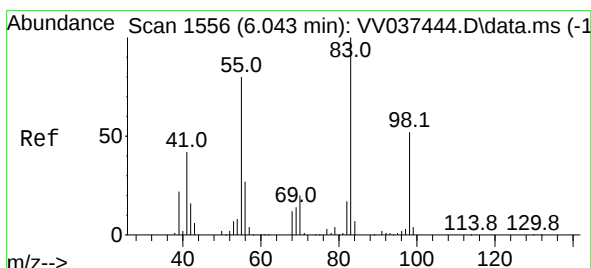
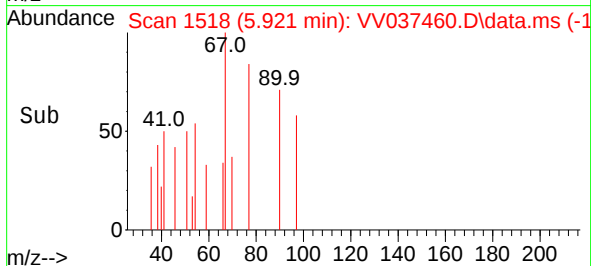
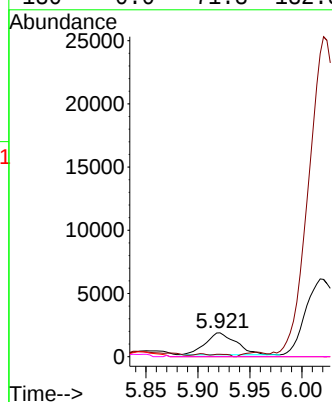
Ion Ratio Lower Upper

95 100

97 9.8 46.5 86.5#

132 0.0 65.5 121.7#

130 0.0 71.3 132.3#



#35

Methylcyclohexane

Concen: 2.116 ug/L

RT: 6.021 min Scan# 1549

Delta R.T. -0.022 min

Lab File: VV037460.D

Acq: 21 Sep 2024 03:19

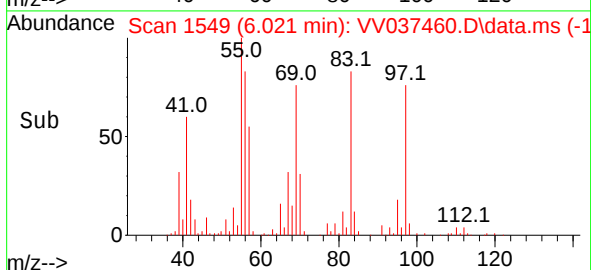
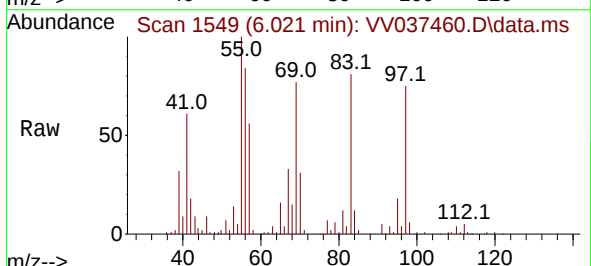
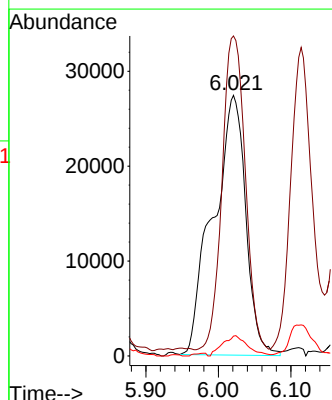
Tgt Ion: 83 Resp: 85542

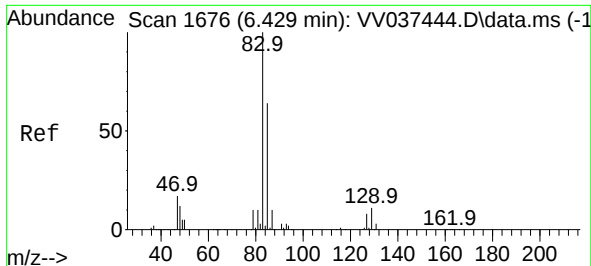
Ion Ratio Lower Upper

83 100

55 85.4 60.3 90.5

98 6.0 38.2 57.4#





#38

Bromodichloromethane

Concen: 1.703 ug/L

RT: 6.461 min Scan# 1

Delta R.T. 0.032 min

Lab File: VV037460.D

Acq: 21 Sep 2024 03:19

Instrument :

MSVOA_V

ClientSampleId :

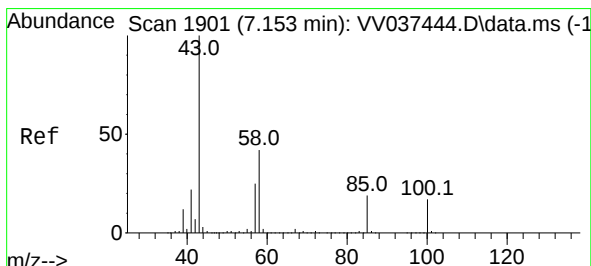
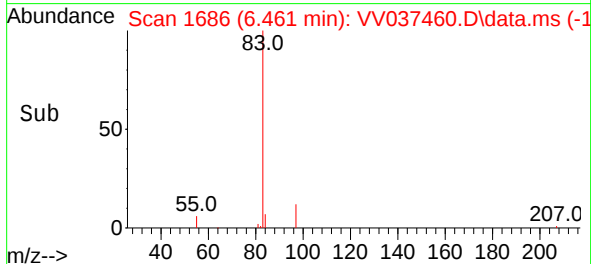
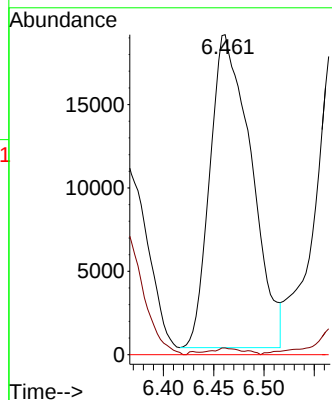
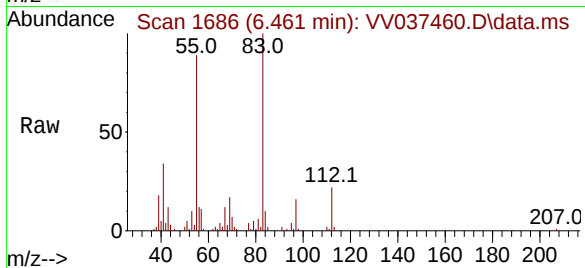
Tgt Ion: 83 Resp: 53529

Ion Ratio Lower Upper

83 100

85 2.1 43.7 81.1#

127 0.0 6.7 10.1#



#40

4-Methyl-2-pentanone

Concen: 6.549 ug/L

RT: 7.182 min Scan# 1910

Delta R.T. 0.029 min

Lab File: VV037460.D

Acq: 21 Sep 2024 03:19

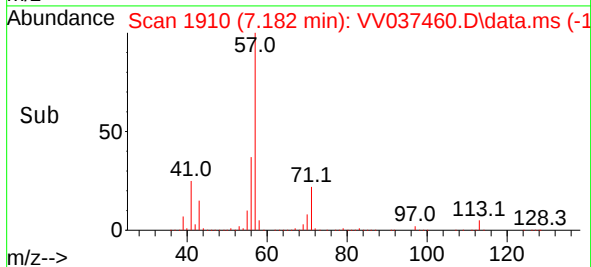
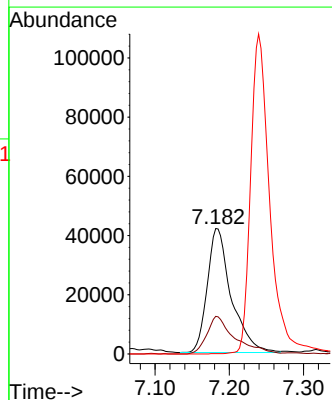
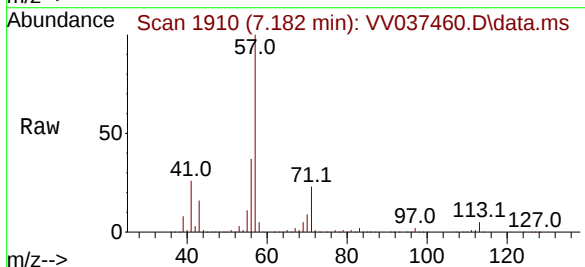
Tgt Ion: 43 Resp: 94164

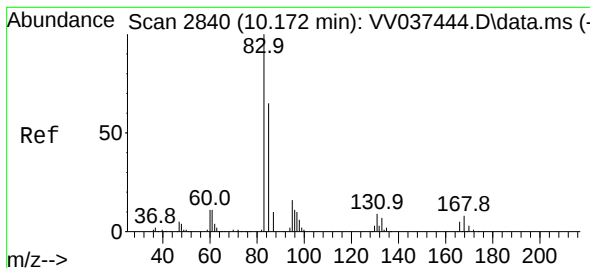
Ion Ratio Lower Upper

43 100

58 35.1 31.7 47.5

100 206.3 12.6 19.0#





#57

1,1,2,2-Tetrachloroethane

Concen: 0.175 ug/L

RT: 10.169 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV037460.D

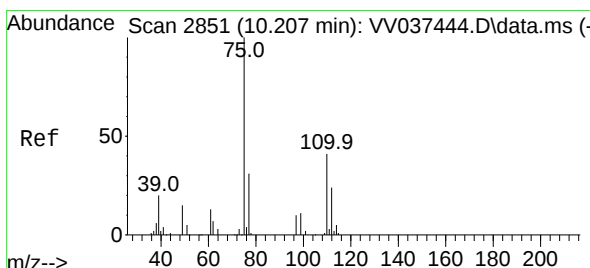
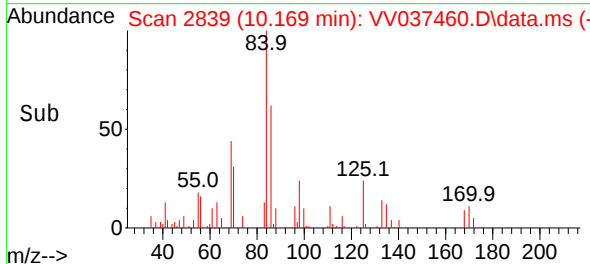
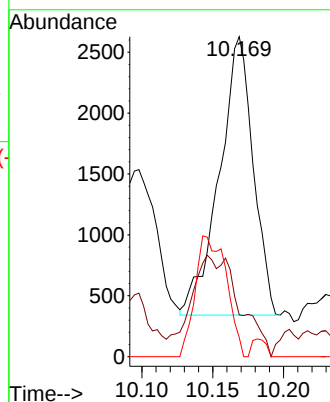
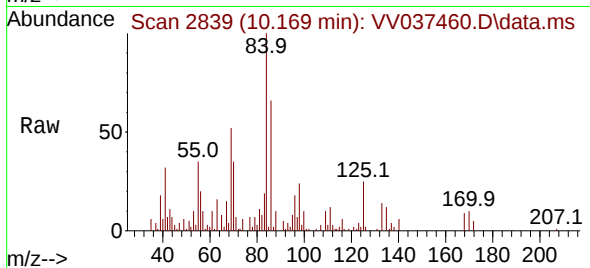
Acq: 21 Sep 2024 03:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	3808
Ion	Ratio	Lower	Upper
83	100		
85	13.1	43.2	80.2#
131	6.0	6.9	10.3#



#61

1,2,3-Trichloropropane

Concen: 1.400 ug/L

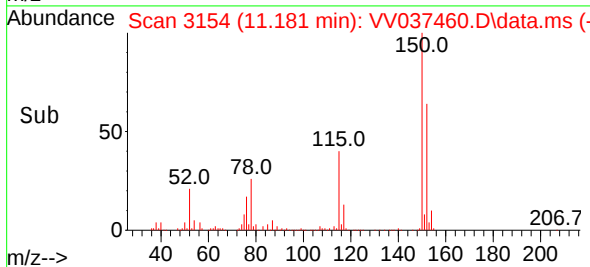
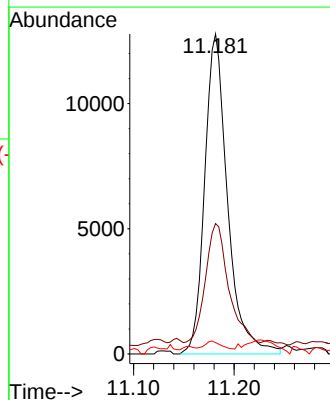
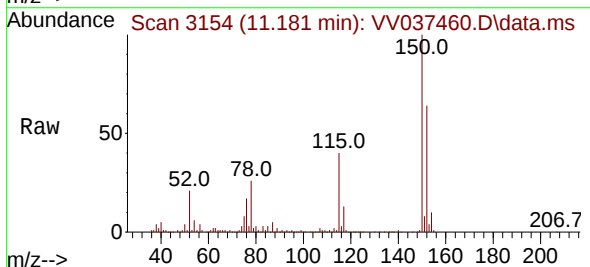
RT: 11.181 min Scan# 3154

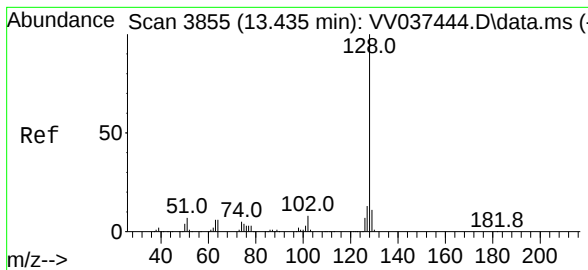
Delta R.T. 0.974 min

Lab File: VV037460.D

Acq: 21 Sep 2024 03:19

Tgt Ion:	75	Resp:	20186
Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.6	38.4
110	6.0	31.0	46.4#





#71

Naphthalene

Concen: 0.140 ug/L

RT: 13.419 min Scan# 3850

Delta R.T. -0.016 min

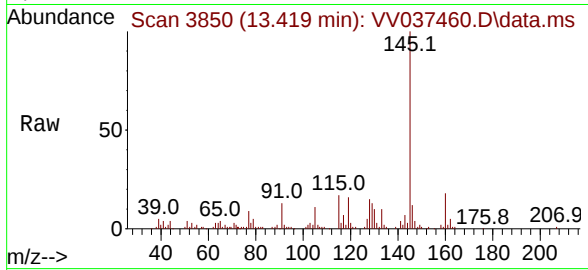
Lab File: VV037460.D

Acq: 21 Sep 2024 03:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 6295

Ion Ratio Lower Upper

128 100

129 83.0 8.6 12.8#

127 31.0 10.2 15.2#

