

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037461.D
 Acq On : 21 Sep 2024 03:44
 Operator : SY/MD
 Sample : P4130-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 21 04:55:57 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)

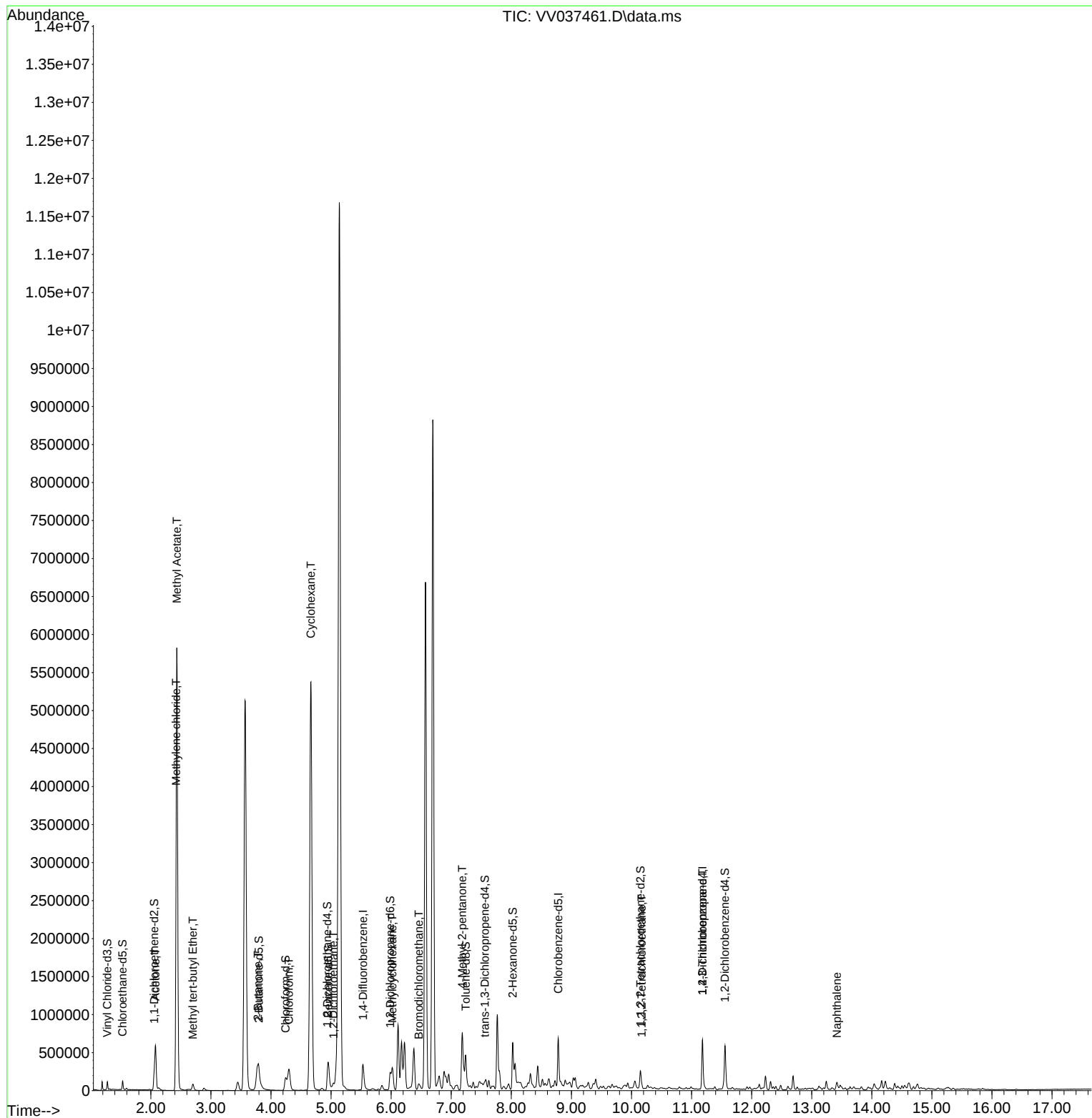
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	325570	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	341691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	166748	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	56472	2.957	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.200%
7) Chloroethane-d5	1.529	69	73947	3.713	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	2.056	65	32910	3.336	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	3.799	46	273616	47.934	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.860%
24) Chloroform-d	4.243	84	190340	4.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	4.937	65	95296	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	4.953	84	354758	3.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	5.986	67	127456	4.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.239	98	314464	3.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	7.561	79	24376	2.601	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	52.000%#
46) 2-Hexanone-d5	8.024	63	238122	52.006	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.020%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	107991	4.651	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	133262	4.495	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						Qvalue
13) Acetone	2.076	43	177943	44.771	ug/L	51
15) Methyl Acetate	2.433	43	3511862	385.780	ug/L #	49
16) Methylene chloride	2.420	84	19318	0.737	ug/L #	1
17) Methyl tert-butyl Ether	2.700	73	81516	1.503	ug/L #	82
21) 2-Butanone	3.780	43	135283	22.395	ug/L #	51
25) Chloroform	4.298	83	12818	0.278	ug/L #	1
27) 1,2-Dichloroethane	5.040	62	76052	2.911	ug/L #	86
30) Cyclohexane	4.661	56	3142047	79.938	ug/L #	16
35) Methylcyclohexane	6.018	83	64680	1.534	ug/L #	46
38) Bromodichloromethane	6.461	83	55175	1.683	ug/L #	28
40) 4-Methyl-2-pentanone	7.182	43	102227	6.817	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.169	83	3965	0.175	ug/L #	50
61) 1,2,3-Trichloropropane	11.181	75	22182	1.462	ug/L #	67
71) Naphthalene	13.419	128	7263	0.153	ug/L #	1

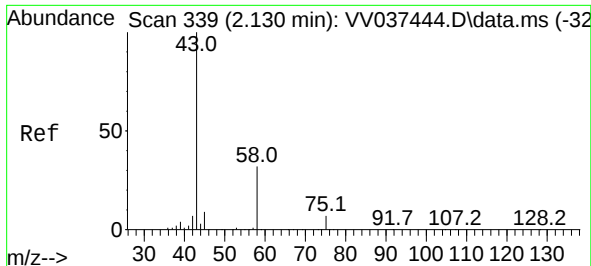
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 21 01:15:22 2024
Response via : Initial Calibration





#13

Acetone

Concen: 44.771 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.055 min

Lab File: VV037461.D

Acq: 21 Sep 2024 03:44

Instrument :

MSVOA_V

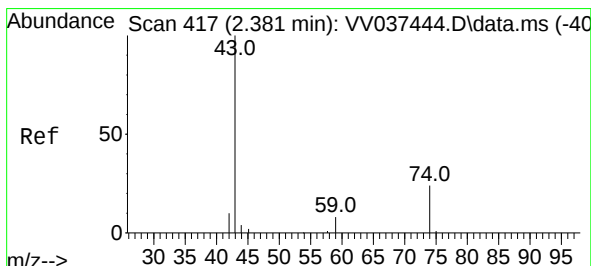
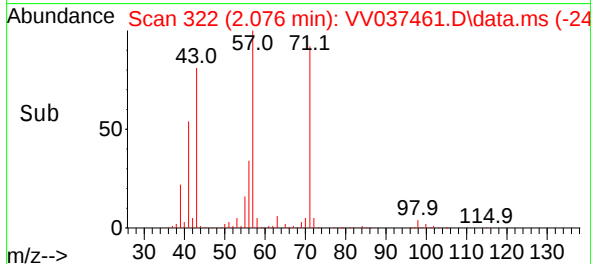
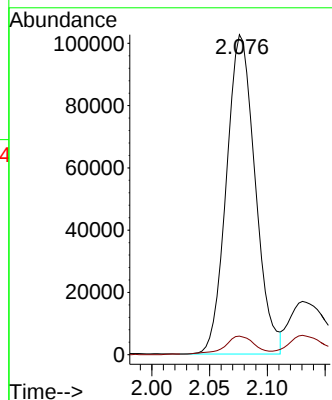
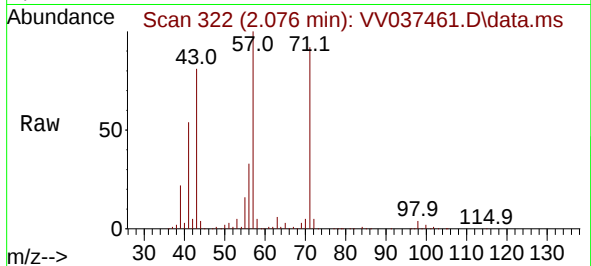
ClientSampleId :

Tgt Ion: 43 Resp: 177943

Ion Ratio Lower Upper

43 100

58 6.3 0.0 69.2



#15

Methyl Acetate

Concen: 385.780 ug/L

RT: 2.433 min Scan# 433

Delta R.T. 0.052 min

Lab File: VV037461.D

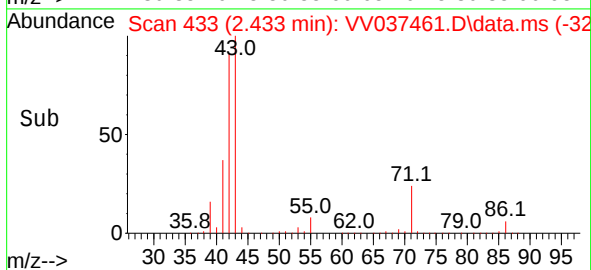
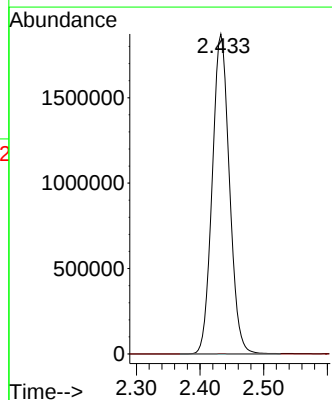
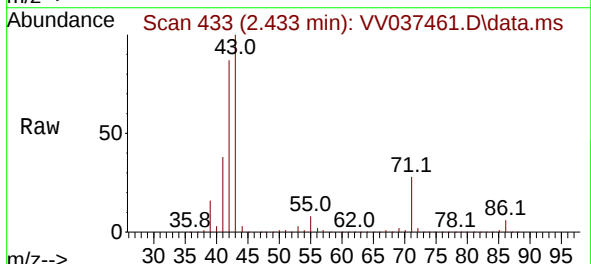
Acq: 21 Sep 2024 03:44

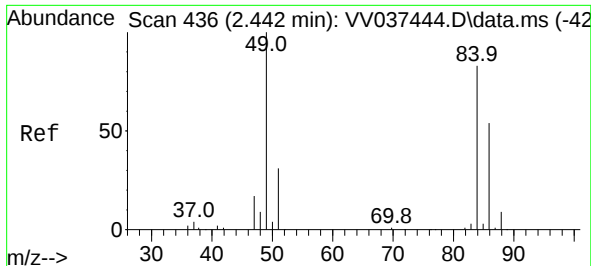
Tgt Ion: 43 Resp: 3511862

Ion Ratio Lower Upper

43 100

74 0.0 21.0 31.4#





#16

Methylene chloride

Concen: 0.737 ug/L

RT: 2.420 min Scan# 41

Delta R.T. -0.022 min

Lab File: VV037461.D

Acq: 21 Sep 2024 03:44

Instrument :

MSVOA_V

ClientSampleId :

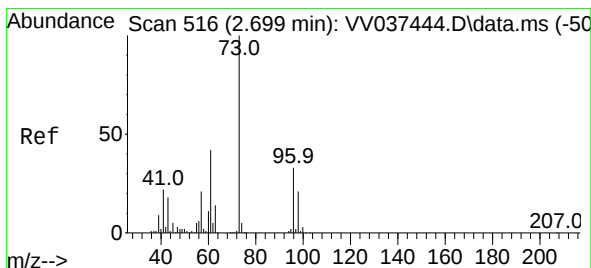
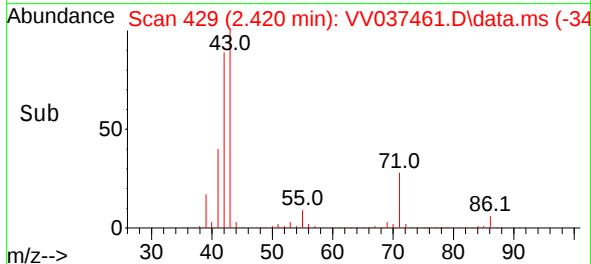
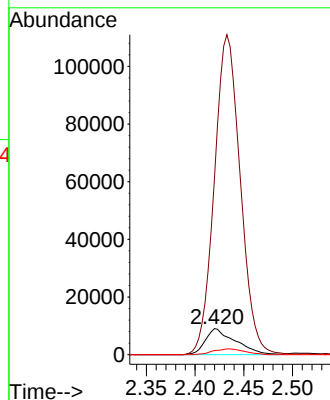
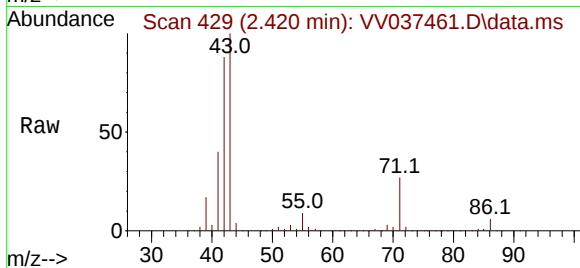
Tgt Ion: 84 Resp: 19318

Ion Ratio Lower Upper

84 100

86 675.7 44.0 81.8#

49 15.7 83.0 154.1#



#17

Methyl tert-butyl Ether

Concen: 1.503 ug/L

RT: 2.700 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV037461.D

Acq: 21 Sep 2024 03:44

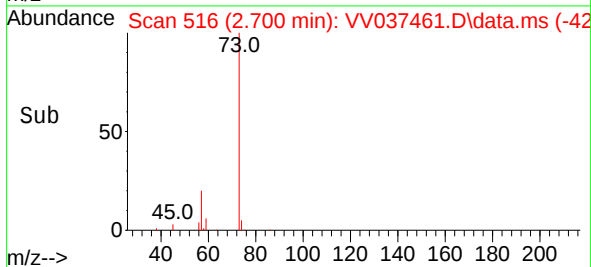
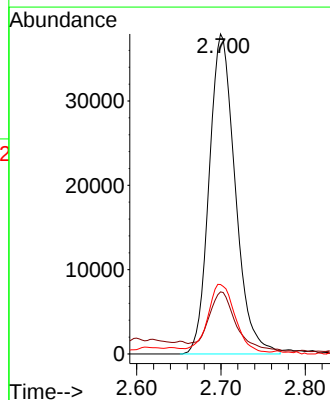
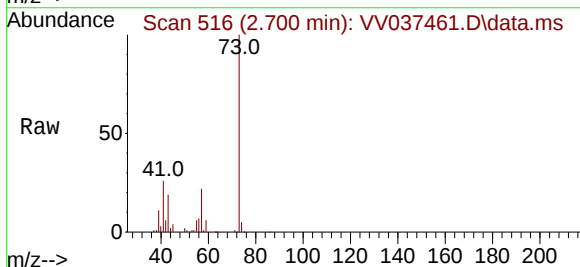
Tgt Ion: 73 Resp: 81516

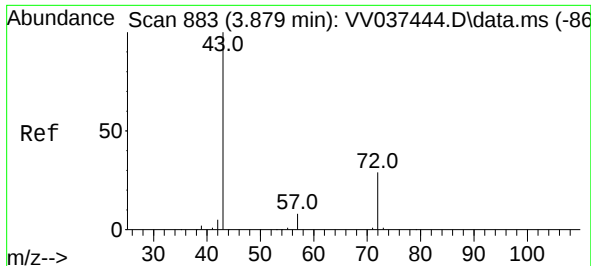
Ion Ratio Lower Upper

73 100

43 0.0 14.5 21.7#

57 22.1 17.7 26.5





#21

2-Butanone

Concen: 22.395 ug/L

RT: 3.780 min Scan# 81

Delta R.T. -0.100 min

Lab File: VV037461.D

Acq: 21 Sep 2024 03:44

Instrument :

MSVOA_V

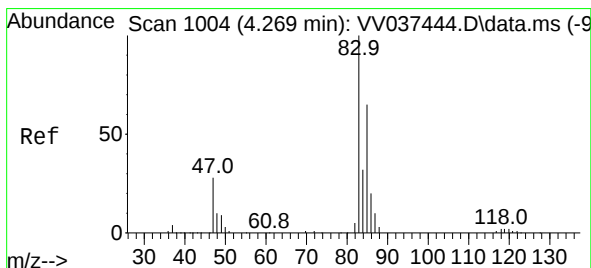
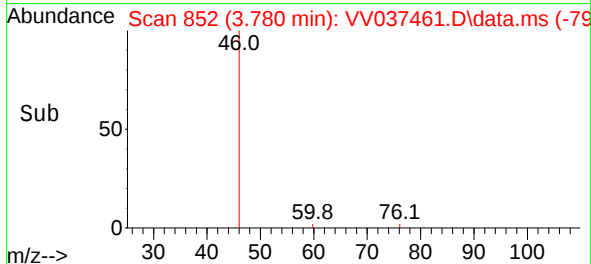
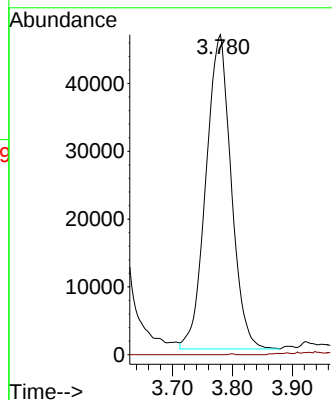
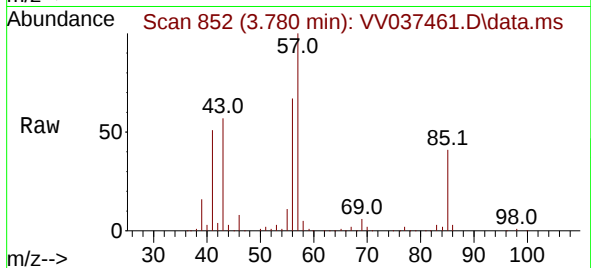
ClientSampleId :

Tgt Ion: 43 Resp: 135283

Ion Ratio Lower Upper

43 100

72 0.0 12.2 36.6#



#25

Chloroform

Concen: 0.278 ug/L

RT: 4.298 min Scan# 1013

Delta R.T. 0.029 min

Lab File: VV037461.D

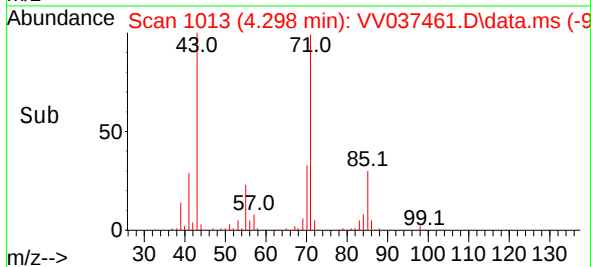
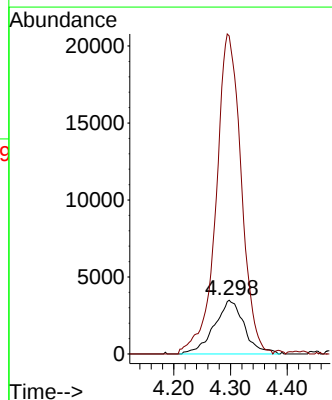
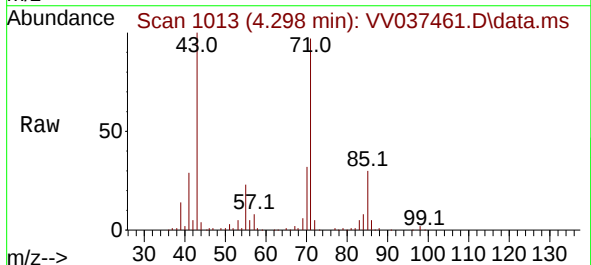
Acq: 21 Sep 2024 03:44

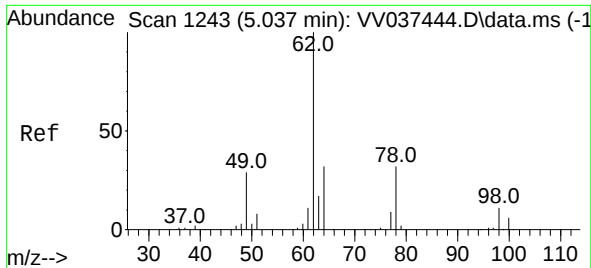
Tgt Ion: 83 Resp: 12818

Ion Ratio Lower Upper

83 100

85 591.0 43.8 81.4#

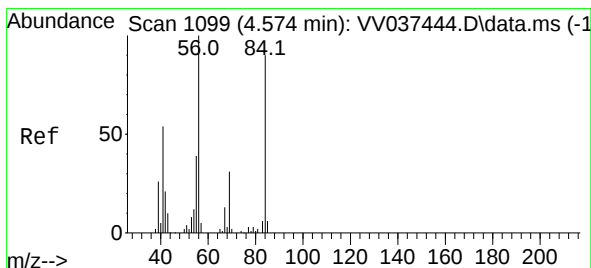
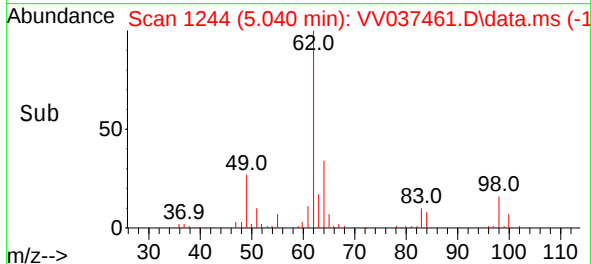
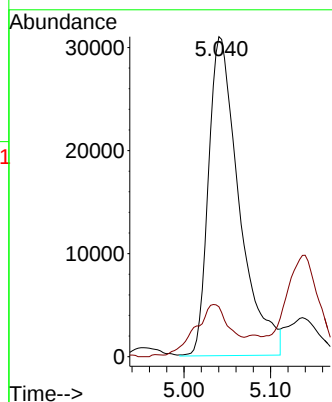
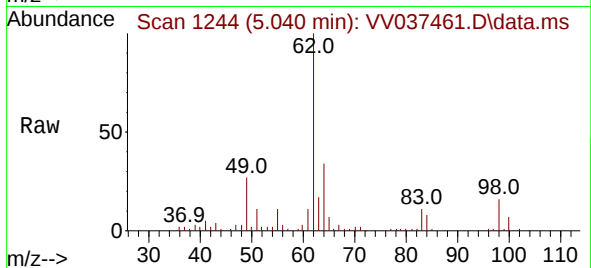




#27
1,2-Dichloroethane
Concen: 2.911 ug/L
RT: 5.040 min Scan# 1126
Delta R.T. 0.003 min
Lab File: VV037461.D
Acq: 21 Sep 2024 03:44

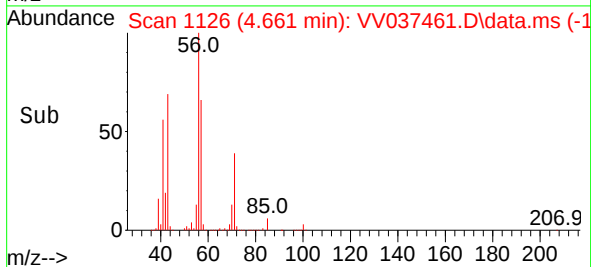
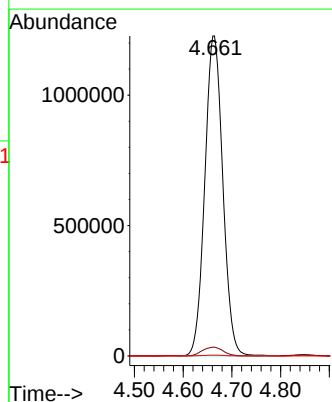
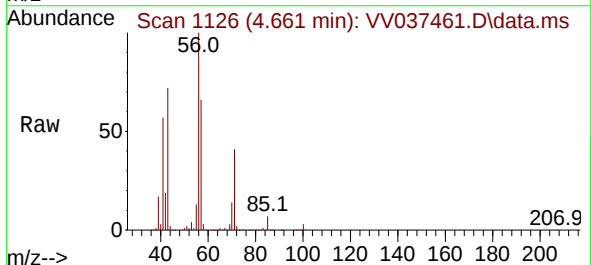
Instrument :
MSVOA_V
ClientSampleId :

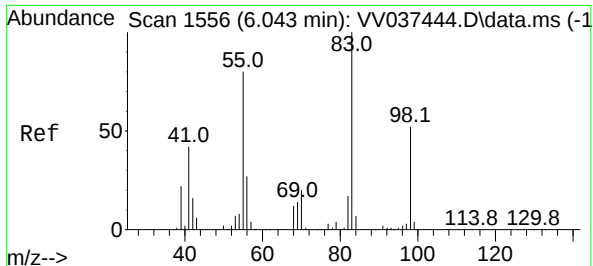
Tgt Ion: 62 Resp: 76052
Ion Ratio Lower Upper
62 100
98 15.6 8.2 12.4#



#30
Cyclohexane
Concen: 79.938 ug/L
RT: 4.661 min Scan# 1126
Delta R.T. 0.087 min
Lab File: VV037461.D
Acq: 21 Sep 2024 03:44

Tgt Ion: 56 Resp: 3142047
Ion Ratio Lower Upper
56 100
69 3.3 24.1 36.1#
84 0.3 73.1 109.7#





#35

Methylcyclohexane

Concen: 1.534 ug/L

RT: 6.018 min Scan# 1548

Delta R.T. -0.026 min

Lab File: VV037461.D

Acq: 21 Sep 2024 03:44

Instrument :

MSVOA_V

ClientSampleId :

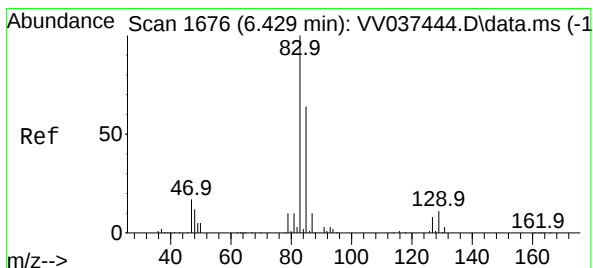
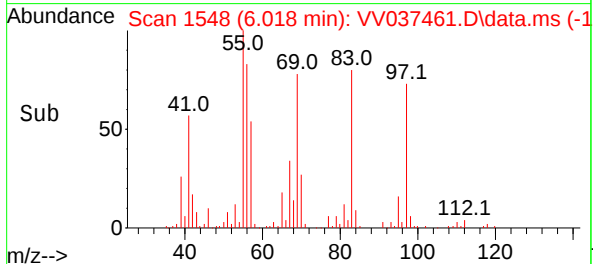
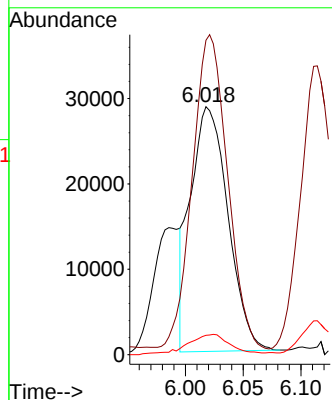
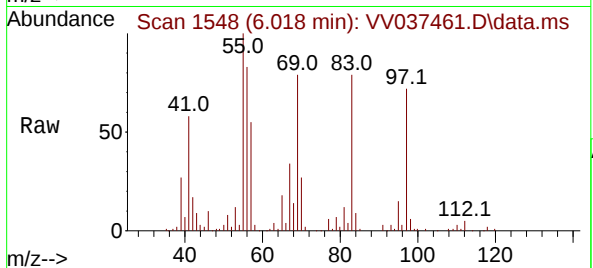
Tgt Ion: 83 Resp: 64680

Ion Ratio Lower Upper

83 100

55 120.6 60.3 90.5#

98 9.6 38.2 57.4#



#38

Bromodichloromethane

Concen: 1.683 ug/L

RT: 6.461 min Scan# 1686

Delta R.T. 0.032 min

Lab File: VV037461.D

Acq: 21 Sep 2024 03:44

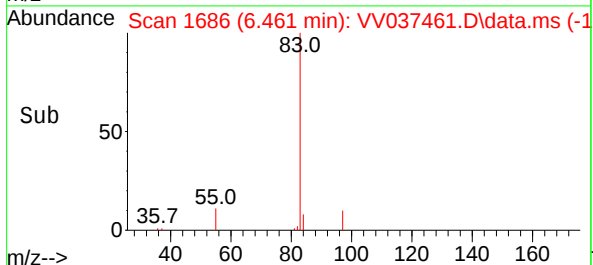
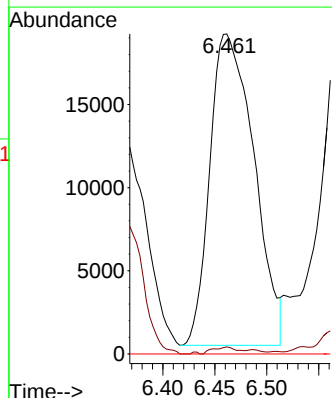
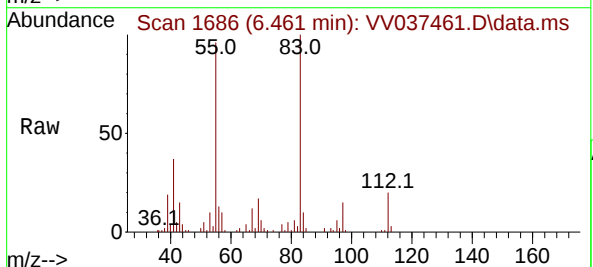
Tgt Ion: 83 Resp: 55175

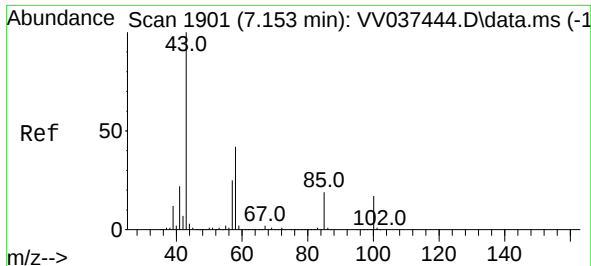
Ion Ratio Lower Upper

83 100

85 2.2 43.7 81.1#

127 0.0 6.7 10.1#

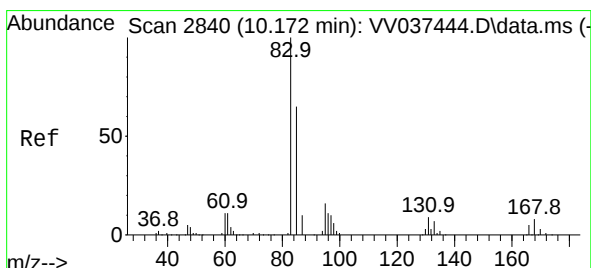
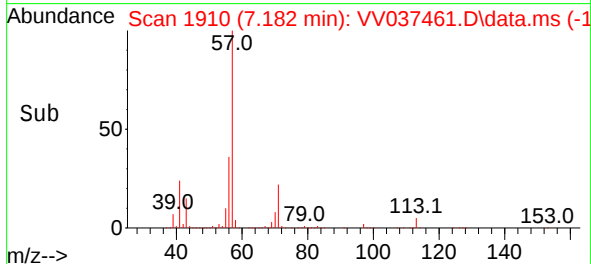
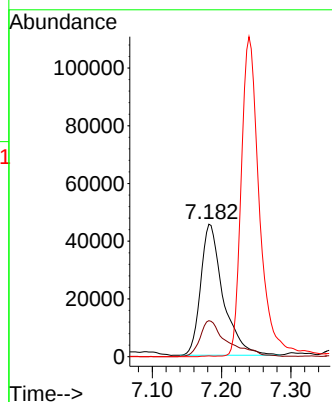
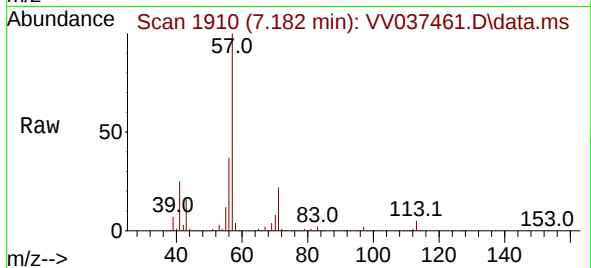




#40
4-Methyl-2-pentanone
Concen: 6.817 ug/L
RT: 7.182 min Scan# 1910
Delta R.T. 0.029 min
Lab File: VV037461.D
Acq: 21 Sep 2024 03:44

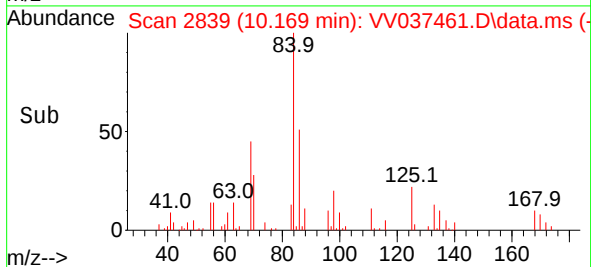
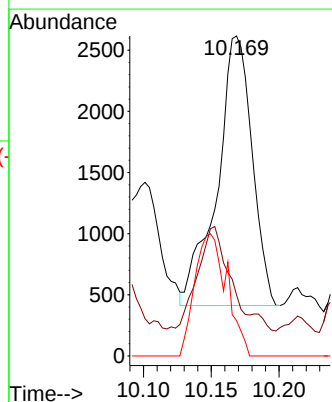
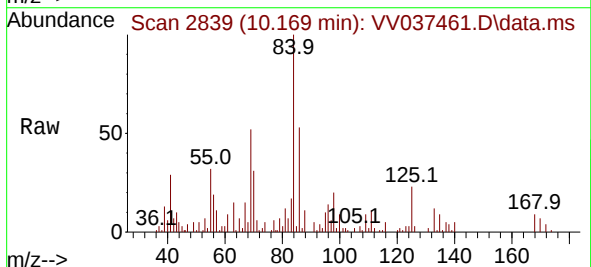
Instrument :
MSVOA_V
ClientSampleId :

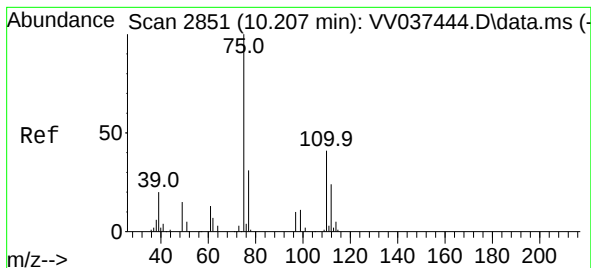
Tgt Ion: 43 Resp: 102227
Ion Ratio Lower Upper
43 100
58 33.8 31.7 47.5
100 195.9 12.6 19.0#



#57
1,1,2,2-Tetrachloroethane
Concen: 0.175 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. -0.003 min
Lab File: VV037461.D
Acq: 21 Sep 2024 03:44

Tgt Ion: 83 Resp: 3965
Ion Ratio Lower Upper
83 100
85 19.1 43.2 80.2#
131 11.0 6.9 10.3#





#61

1,2,3-Trichloropropane

Concen: 1.462 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.974 min

Lab File: VV037461.D

Acq: 21 Sep 2024 03:44

Instrument :

MSVOA_V

ClientSampleId :

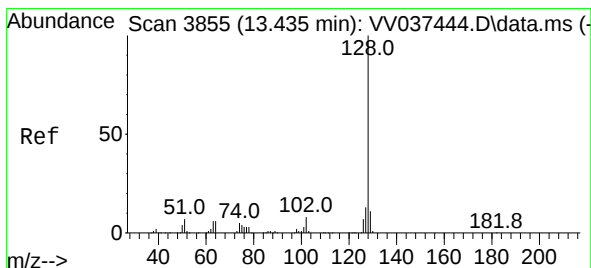
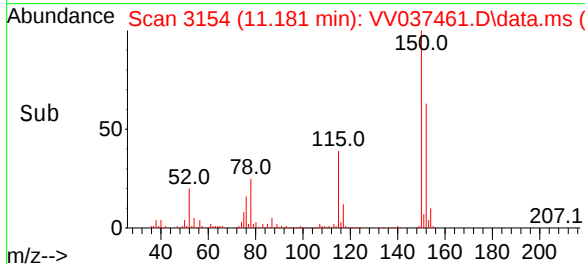
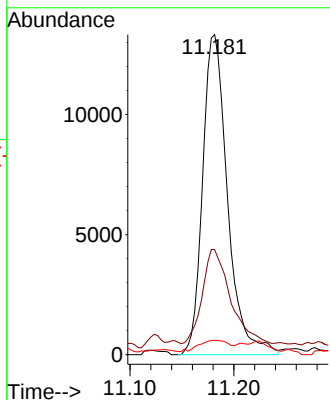
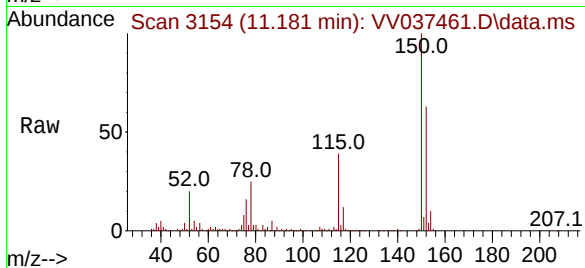
Tgt Ion: 75 Resp: 22182

Ion Ratio Lower Upper

75 100

77 34.1 25.6 38.4

110 4.1 31.0 46.4#



#71

Naphthalene

Concen: 0.153 ug/L

RT: 13.419 min Scan# 3850

Delta R.T. -0.016 min

Lab File: VV037461.D

Acq: 21 Sep 2024 03:44

Tgt Ion:128 Resp: 7263

Ion Ratio Lower Upper

128 100

129 76.9 8.6 12.8#

127 34.2 10.2 15.2#

